



VERMILION RESEARCH, LLC

ETF Navigator

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Joe W. Jasper, CFA
952-922-7501
joe@vermillioncap.com

David P. Nicoski, CMT
952-922-7502
dave@vermillioncap.com

Ross LaDuke, CMT
952-922-7506
ross@vermillioncap.com

Eric Anderson
612-886-3369
eric@vermillioncap.com

Vermilion Technical Research, LLC • 920 2nd Avenue South, Ste. 1225 • Minneapolis, MN 55402
(952) 922-7500 • www.vermillioncap.com

		Relative Strength Ranking - RSR																				% Price Δ									
		Price	MKT Cap(MM)	04/04	03/28	03/21	03/14	03/07	02/28	02/21	02/14	02/07	01/31	01/24	01/17	01/10	01/03	12/31	12/27	12/20	12/13	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month			
Group or Corp	Ticker			04	28	21	14	07	28	21	14	07	31	24	17	10	03	31	27	20	13										
EF	INDEX																														
EF-01	Broad Index			24	25	24	24	24	18	16	13	10	9	10	10	12	10	10	9	10	11	D3	4	BF	BF	- 17	-8.91%	-11.43%	-13.71%		
	Vanguard Total Stock Market ETF	VTI	248.47	399,502	25	25	24	24	13	17	11	12	13	12	13	12	11	12	10	12	9	D3	2	BF	BF	- 115	-9.13%	-12.00%	-14.92%		
	iShares Core S&P Total U.S. Stock Ma	ITOT	110.23	56,201	25	25	24	24	13	17	11	12	13	12	13	12	11	12	10	12	9	D3	2	BF	BF	- 115	-9.19%	-12.09%	-14.99%		
	Schwab U.S. Broad Market ETF	SCHB	19.47	27,808	25	25	24	24	13	17	11	12	13	12	13	12	11	12	10	12	9	D3	2	BF	BF	- 114	-9.19%	-11.96%	-14.92%		
	Vanguard Extended Market ETF	VXF	155.35	17,851	28	28	28	28	29	26	19	11	11	11	11	10	11	11	10	10	6	D3	3	BF	BF	- 69	-10.19%	-12.89%	-19.54%		
	iShares Russell 3000 ETF	IWV	287.37	13,104	25	25	24	24	13	17	11	12	13	12	13	12	11	12	11	12	9	D3	2	BF	BF	- 115	-9.06%	-12.01%	-14.81%		
	SPDR Portfolio S&P 1500 Composite S	SPTM	61.48	8,469	24	24	24	23	13	17	11	12	14	12	13	12	12	12	11	12	9	D3	2	BF	BF	- 115	-9.04%	-11.90%	-14.51%		
	Schwab 1000 Index ETF	SCHK	24.34	3,457	25	25	24	23	13	13	11	12	13	12	13	12	11	12	10	12	9	D3	2	BF	BF	- 114	-9.08%	-12.00%	-14.71%		
	Vanguard Russell 3000 ETF	VTHR	223.28	2,875	25	25	24	23	13	17	11	12	13	12	13	12	11	12	10	12	9	D3	2	BF	BF	- 115	-9.10%	-11.92%	-14.67%		
	FlexShares Morningstar US Market Fac	TILT	185.77	1,458	25	25	24	25	13	17	13	12	14	12	13	13	12	13	12	13	9	D3	3	BF	BF	- 72	-9.30%	-11.87%	-14.69%		
	iShares Russell 2500 ETF	SMMD	56.68	1,162	27	27	27	28	29	29	19	19	16	14	14	15	15	15	14	15	9	D3	4	BF	BF	- 68	-9.54%	-11.65%	-17.43%		
	Schwab Fundamental US Broad Marke	FNDB	20.86	800	20	20	11	9	13	11	12	15	15	14	14	15	15	16	15	16	11	D3	3	BF	BF	- 71	-8.69%	-10.86%	-10.44%		
	Vident U.S. Equity Strategy ETF	VUSE	51.64	506	22	24	23	23	13	11	10	10	11	12	13	12	12	12	11	12	8	D3	1	BF	BF	- 123	-8.31%	-11.45%	-12.88%		
	iShares MSCI USA Size Factor ETF	SIZE	132.06	277	20	21	21	23	13	17	18	17	14	13	14	14	14	15	14	15	10	D3	3	BF	BF	- 69	-8.63%	-10.47%	-11.42%		
	ALPS Barron's 400 ETF	BFOR	63.01	129	25	25	26	26	27	24	24	14	9	8	7	8	12	10	9	9	14	D3	5	BF	BF	- 71	-8.89%	-10.37%	-14.54%		
	Invesco Dynamic Market ETF	PWC	43.89	103	17	18	11	9	10	11	19	21	17	19	20	17	19	21	17	19	14	D3	2	BF	BR	- 69	-6.73%	-8.71%	-6.42%		
	RiverFront Dynamic US Flex-Cap ETF	RFFC	50.68	32	23	24	24	23	13	17	13	12	13	12	13	14	12	14	13	14	11	D3	2	BF	BF	- 115	-8.64%	-11.34%	-13.25%		
	First Trust Dividend Strength ETF	FTDS	46.09	23	19	19	11	9	13	17	19	22	22	19	20	17	19	23	22	22	14	D3	3	BF	BF	- 71	-8.72%	-10.83%	-8.36%		
EF-02	Equal Weight				20	21	21	21	19	16	15	15	13	12	12	12	15	14	15	14	14	D3	4	BF	BF	- 7	-8.70%	-11.06%	-11.34%		
	Invesco S&P 500 Equal Weight ETF	RSP	157.18	66,258	20	20	11	21	13	17	19	20	18	16	17	16	19	18	15	17	12	D3	4	BF	BF	- 68	-8.51%	-10.61%	-10.43%		
	Invesco S&P MidCap Quality ETF	XMHQ	84.95	4,977	26	28	28	29	29	30	30	22	22	24	18	18	23	23	22	22	11	D3	6	BF	BF	+ 7	-7.18%	-9.05%	-14.61%		
	First Trust Nasdaq-100 Equal Weighter	QQEW	109.09	1,615	25	24	11	23	13	17	9	11	13	13	14	14	15	16	15	16	11	D3	1	BF	BF	- 115	-9.94%	-13.32%	-13.92%		
	Direxion NASDAQ-100 Equal Weighter	QQQE	78.66	1,141	25	24	11	23	13	13	9	11	13	13	14	15	15	16	15	16	11	D3	1	BF	BF	- 115	-9.78%	-13.03%	-13.73%		
	iShares MSCI USA Equal Weighted ETE	EUSA	85.20	1,112	20	21	21	22	13	17	17	16	14	13	14	14	14	15	14	15	10	D3	3	BF	BF	- 69	-8.50%	-10.62%	-11.17%		
	Goldman Sachs Equal Weight U.S. Lar	GSEW	68.93	1,072	20	20	11	21	13	12	16	16	14	13	14	13	14	15	14	15	10	D3	3	BF	BF	- 69	-8.83%	-10.92%	-11.24%		
	Invesco S&P 100 Equal Weight ETF	EQWL	93.35	1,018	18	17	11	9	8	8	10	12	14	12	14	15	15	15	13	15	11	D2	2	BF	BR	- 71	-8.63%	-11.29%	-8.64%		
	Invesco Russell 1000 Equal Weight ET	EQAL	42.76	547	21	21	11	22	13	17	19	17	15	14	14	14	15	15	14	16	10	D3	4	BF	BF	- 68	-9.25%	-10.77%	-11.96%		
	Alps Equal Sector Weight ETF	EQL	38.30	452	18	10	11	9	13	10	11	16	15	14	15	15	16	16	15	16	12	D3	2	BF	BR	- 70	-8.07%	-9.65%	-8.49%		
	First Trust Dow 30 Equal Weight ETF	EDOW	32.89	202	18	18	11	9	8	8	10	12	13	12	14	14	13	14	12	13	10	D2	2	BF	BF	- 70	-8.32%	-11.30%	-9.21%		
EF-03	Large Cap				23	24	23	22	20	13	10	9	9	8	8	9	8	7	7	7	10	D3	2	BF	BF	- 17	-8.92%	-11.77%	-13.72%		
	Vanguard S&P 500 ETF	VOO	465.52	536,743	23	24	23	22	13	12	11	12	14	12	13	12	11	12	10	12	9	D3	2	BF	BF	- 115	-8.86%	-11.78%	-14.19%		
	iShares Core S&P 500 ETF	IVV	507.61	526,696	24	24	23	22	13	12	11	12	14	12	13	12	11	12	10	12	9	D3	2	BF	BF	- 115	-9.05%	-11.98%	-14.37%		
	SPDR S&P 500 ETF Trust	SPY	505.28	516,261	24	24	23	22	13	12	11	12	14	12	13	12	11	12	10	12	9	D3	2	BF	BF	- 115	-9.07%	-12.00%	-14.38%		
	Invesco QQQ Trust	QQQ	422.67	265,141	26	26	26	25	13	17	9	9	12	12	11	10	9	10	8	9	7	D3	1	BF	BF	- 111	-9.87%	-13.93%	-18.37%		
	SPDR Portfolio S&P 500 ETF	SPLG	59.45	53,561	24	24	23	22	13	12	11	12	14	12	13	12	11	12	10	12	9	D3	2	BF	BF	- 115	-9.06%	-11.96%	-14.34%		
	Schwab U.S. Large-Cap ETF	SCHX	19.95	45,247	25	24	24	23	13	13	11	12	13	12	13	12	11	12	10	12	9	D3	2	BF	BF	- 114	-9.15%	-12.01%	-14.68%		
	Vanguard Large-Cap ETF	VV	232.08	35,172	24	24	24	23	13	12	10	12	13	12	13	12	11	12	10	12	9	D3	1	BF	BF	- 114	-9.16%	-12.09%	-14.61%		
	SPDR Dow Jones Industrial Average E	DIA	383.22	34,200	19	20	20	21	13	11	17	12	13	12	13	14	14	15	13	14	11	D3	1	BF	BF	- 72	-7.80%	-10.35%	-9.95%		
	iShares Russell 1000 ETF	IWB	277.41	33,539	25	24	23	23	13	13	11	12	13	12	13	12	11	12	10	12	9	D3	2	BF	BF	- 115	-9.05%	-11.97%	-14.61%		
	Schwab Fundamental US Large Co. In	FNDX	21.35	15,621	19	19	11	9	13	10	11	15	15	13	14	15	15	16	14	16	12	D3	1	BF	BF	- 71	-8.68%	-10.76%	-9.93%		
	iShares S&P 100 ETF	OEF	244.18	14,993	25	25	24	23	13	11	10	11	13	12	12	12	10	10	8	10	8	D3	1	BF	BF	- 113	-9.30%	-12.77%	-16.05%		
	Invesco S&P 500 Top 50 ETF	XLG	41.57	7,174	26	26	25	25	13	17	10	11	13	12	11	11	9	10	7	9	7	D3	1	BF	BF	- 111	-9.33%	-13.10%	-17.55%		
	Invesco FTSE RAFI US 1000 ETF	PRF	36.52	6,777	19	19	11	9	13	10	12	15	14	13	14	14	15	16	15	16	12	D3	1	BF	BF	- 71	-8.81%	-10.33%	-9.65%		
	Vanguard Mega Cap ETF	MGC	182.07	5,587	25	25	24	23	13	11	10	11	13	12	13	12	11	11	9	12	9	D3	1	BF	BF	- 114	-9.10%	-12.31%	-15.04%		

				Relative Strength Ranking - RSR																				% Price Δ							
Group or Corp	Ticker	Price	MKT Cap(MM)	04/04	03/28	03/21	03/14	03/07	02/28	02/21	02/14	02/07	01/31	01/24	01/17	01/10	01/03	12/31	12/27	12/20	12/13	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month			
EF-03 Large Cap	Vanguard Russell 1000 ETF	VONE	229.59	4,803	24	24	24	23	13	13	11	12	13	12	13	12	11	12	10	12	9	12	D3	2	BF	BF	- 115	-9.09%	-11.82%	-14.46%	
	iShares Dow Jones U.S. ETF	IYY	123.03	1,981	25	24	24	23	13	13	11	12	13	12	13	12	11	12	10	12	9	12	D3	2	BF	BF	- 114	-9.14%	-11.99%	-14.73%	
	iShares Russell Top 200 ETF	IWL	124.27	1,361	24	24	23	22	13	11	10	11	13	12	12	10	11	9	11	9	13		D3	1	BF	BF	- 114	-9.07%	-12.22%	-14.86%	
	First Trust Large Cap Core AlphaDEX F	FEX	92.47	1,124	22	21	24	23	13	17	19	15	14	13	13	12	13	15	14	15	10	11	D3	3	BF	BF	- 70	-9.08%	-10.43%	-12.04%	
	Motley Fool 100 Index ETF	TMFC	50.36	1,047	26	25	24	24	22	7	6	4	6	4	4	4	2	2	1	1	2	10	D3	1	BF	BF	- 111	-9.14%	-12.61%	-16.93%	
	iShares Morningstar U.S. Equity ETF	ILCB	69.84	856	25	24	23	23	13	13	11	12	13	12	13	12	11	12	10	12	9	12	D3	2	BF	BF	- 114	-9.11%	-12.02%	-14.68%	
	Goldman Sachs JUST U.S. Large Cap	JUST	71.75	373	25	24	23	23	13	11	11	12	14	12	13	13	12	13	12	13	10	15	D3	1	BF	BF	- 116	-9.28%	-12.39%	-14.32%	
	First Trust Nasdaq-100 Ex-Technology	QQXT	86.61	100	17	17	11	9	9	9	9	12	13	13	16	15	14	15	14	15	10	14	D2	2	BF	BF	- 68	-7.27%	-9.87%	-7.86%	
	First Trust Large Cap US Equity Select	RNLC	37.01	17	17	17	11	9	10	13	19	22	22	23	21	19	23	22	20	21	15	17	D3	2	BF	BF	- 70	-7.57%	-9.86%	-7.16%	
	EF-04 Mid-Cap					25	25	26	27	27	27	28	21	18	14	14	11	17	16	16	16	15	13	D3	6	BF	BF	- 17	-9.03%	-10.78%	-14.23%
iShares Core S&P Mid-Cap ETF		IJH	52.88	81,168	26	26	27	27	28	28	19	22	17	14	14	13	15	16	15	16	10	12	D3	4	BF	BF	- 68	-9.16%	-11.24%	-15.71%	
Vanguard Mid-Cap ETF		VO	234.28	66,813	21	21	11	23	13	17	19	15	13	12	13	13	13	14	13	14	9	10	D3	3	BF	BF	- 69	-8.88%	-10.48%	-11.89%	
iShares Russell Midcap ETF		IWR	76.94	34,742	25	25	24	26	25	17	19	15	14	13	14	13	14	14	14	14	9	11	D3	3	BF	BF	- 69	-9.09%	-11.05%	-13.73%	
SPDR S&P Midcap 400 ETF Trust		MDY	483.74	19,708	26	26	27	27	28	28	19	22	17	14	14	14	15	16	15	16	10	12	D3	4	BF	BF	- 68	-9.11%	-11.22%	-15.68%	
Schwab U.S. Mid-Cap ETF		SCHM	23.64	9,649	26	26	27	27	28	17	19	16	14	13	13	12	13	15	14	15	10	11	D3	4	BF	BF	- 68	-9.67%	-11.70%	-15.45%	
Vanguard S&P Mid-Cap 400 ETF		IVOO	89.55	2,163	26	26	27	27	28	28	19	22	17	14	14	13	15	16	15	17	10	12	D3	4	BF	BF	+ 3	-9.13%	-11.24%	-15.65%	
Franklin U.S. Mid Cap Multifactor Index		FLQM	48.42	1,341	20	23	26	26	13	17	19	22	22	19	18	16	18	20	16	18	12	15	D3	5	BF	BF	- 69	-7.89%	-10.32%	-11.07%	
First Trust Mid Cap Core AlphaDEX Fu		FNX	98.31	988	26	26	28	28	29	28	19	20	17	14	15	14	18	16	16	18	11	12	D3	4	BF	BF	+ 3	-9.15%	-10.56%	-15.90%	
iShares Morningstar Mid-Cap ETF		IMCB	67.09	896	23	23	23	24	13	17	19	16	14	13	14	13	13	14	13	14	9	11	D3	3	BF	BF	- 69	-8.87%	-10.63%	-12.61%	
Invesco S&P MidCap 400 Equal Weight		EWMC	93.87	460	28	27	28	29	30	30	30	30	30	24	23	20	23	23	27	27	15	19	D3	7	BF	BF	+ 9	-10.21%	-10.57%	-17.35%	
First Trust Mid Cap Value AlphaDEX Fu		FNK	45.29	183	26	26	27	27	28	29	28	22	22	19	18	15	19	20	20	22	13	17	D3	5	BF	BF	+ 5	-9.69%	-11.18%	-15.43%	
First Trust Mid Cap US Equity Select E	RNMC	31.84	24	19	21	25	25	13	17	19	22	17	16	18	15	18	16	14	14	9	11	D3	4	BF	BF	- 69	-7.52%	-9.25%	-10.16%		
EF-05 Small-Cap					27	28	29	29	29	29	28	23	18	15	15	15	20	13	14	14	13	9	D3	7	BF	BF	- 17	-9.00%	-11.42%	-17.69%	
	iShares Core S&P Small Cap ETF	IJR	94.63	71,025	28	29	29	29	29	30	30	22	22	19	18	16	19	17	16	16	9	11	D3	5	BF	BF	+ 4	-9.02%	-11.96%	-18.34%	
	iShares Russell 2000 ETF	IWM	181.19	56,142	28	29	29	29	30	29	28	22	19	19	16	17	19	16	15	16	10	11	D3	5	BF	BF	+ 4	-9.61%	-11.82%	-19.09%	
	Vanguard Small-Cap ETF	VB	200.81	53,315	26	27	28	28	29	28	19	17	14	12	13	12	13	13	13	13	8	10	D3	4	BF	BF	+ 3	-9.39%	-11.71%	-17.20%	
	Schwab U.S. Small-Cap ETF	SCHA	21.19	14,359	28	29	28	29	29	29	19	20	15	14	14	15	17	14	14	15	9	10	D3	4	BF	BF	+ 3	-9.75%	-12.31%	-19.12%	
	Vanguard Russell 2000 ETF	VTWO	73.19	10,036	28	29	28	29	29	29	29	28	12	18	19	16	17	19	16	15	16	10	11	D3	5	BF	BF	+ 4	-9.68%	-11.87%	-19.14%
	SPDR Portfolio S&P 600 Small Cap ET	SPSM	36.89	9,929	28	29	29	29	29	30	30	22	22	18	18	16	19	17	16	17	10	11	D3	5	BF	BF	+ 4	-9.14%	-12.02%	-18.42%	
	Schwab Fundamental US Small Co. In	FNDA	24.81	7,700	26	27	28	28	29	29	28	22	19	16	16	15	19	16	15	16	9	11	D3	4	BF	BF	+ 4	-9.25%	-11.61%	-16.90%	
	Fidelity Nasdaq Composite Index ETF	ONEQ	61.42	6,090	28	28	27	27	26	17	10	10	13	11	10	10	8	9	6	8	6	10	D3	2	BF	BF	- 111	-9.90%	-14.07%	-20.35%	
	SPDR S&P 600 Small Cap Growth ET	SLYG	75.54	3,025	27	29	30	29	30	30	30	22	20	19	19	19	19	23	21	20	20	11	14	D3	5	BF	BF	+ 5	-8.10%	-10.65%	-17.45%
	Vanguard S&P Small-Cap 600 ETF	VIOO	87.31	2,478	28	29	29	29	30	30	30	26	21	18	17	16	22	16	16	16	16	15	D3	7	BF	BF	- 69	-9.05%	-12.07%	-18.41%	
	Invesco FTSE RAFI US 1500 Small-Mi	PRFZ	34.32	2,119	28	28	28	29	29	29	19	18	16	15	15	15	18	15	15	15	9	11	D3	4	BF	BF	+ 3	-9.54%	-11.92%	-18.56%	
	First Trust Small Cap Core AlphaDEX f	FYX	82.06	747	28	29	29	29	30	30	30	24	17	13	12	11	18	10	9	11	9	4	D3	6	BF	BF	- 70	-9.59%	-12.04%	-19.56%	
	Goldman Sachs Activebeta U.S. Small	GSSC	58.03	470	26	28	28	29	29	29	28	21	19	18	17	16	19	16	15	16	9	10	D3	4	BF	BF	+ 4	-8.27%	-10.46%	-16.60%	
	JPMorgan Diversified Return U.S. Sma	JPSE	39.74	434	26	26	28	28	29	30	30	22	22	24	21	19	24	21	19	20	11	13	D3	6	BF	BF	+ 5	-8.54%	-10.16%	-15.53%	
	iShares Morningstar Small-Cap ETF	ISCB	49.03	191	27	27	27	28	29	29	19	18	15	14	14	14	17	15	14	15	9	10	D3	4	BF	BF	- 68	-9.70%	-12.19%	-17.42%	
	Franklin U.S. Small Cap Multifactor Ind	FLQS	36.39	40	23	26	27	27	28	29	28	20	18	19	18	16	19	19	17	18	10	12	D3	5	BF	BF	+ 4	-6.88%	-8.52%	-13.05%	
Furst Trust Small Cap US Equity Selec	RNSC	25.30	23	26	27	29	29	30	30	30	27	19	17	11	11	15	15	14	14	13	10	D3	6	BF	BF	- 69	-7.58%	-8.74%	-15.60%		
EF-06 Micro-Cap					28	29	28	27	29	25	22	8	8	10	8	11	15	4	4	6	6	4	D3	4	BF	BF	- 17	-9.69%	-12.54%	-20.77%	
	iShares Micro-Cap ETF	IWC	100.72	725	29	30	29	29	30	29	19	16	14	15	14	15	15	10	10	12	8	9	D3	4	BF	BF	- 67	-10.36%	-13.72%	-24.35%	
	First Trust Dow Jones Select MicroCap	FDM	56.83	145	26	26	27	27	27	11	11	9	11	11	11	11	13	11	11	12	6	8	D3	2	BF	BF	- 69	-9.02%	-11.37%	-17.06%	

		Relative Strength Ranking - RSR																				% Price Δ							
		Price	MKT Cap(MM)	04/04	03/28	03/21	03/14	03/07	02/28	02/21	02/14	02/07	01/31	01/24	01/17	01/10	01/03	12/31	12/27	12/20	12/13	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month	
Group or Corp	Ticker			04	28	21	14	07	28	21	14	07	31	24	17	10	03	31	27	20	13								
EF-06	Micro-Cap																												
	STYLE																												
EF-07	Style: Large-Cap Growth			27	27	27	27	26	17	6	4	5	4	2	3	2	2	2	2	2	3	D3	2	BF	BF	- 15	-9.79%	-13.35%	-19.00%
	Vanguard Growth ETF	VUG	334.02	27	27	27	26	25	17	9	9	11	11	10	10	8	8	6	7	6	10	D3	1	BF	BF	- 111	-9.83%	-13.96%	-19.70%
	iShares Russell 1000 Growth ETF	IWF	325.67	27	27	27	26	25	17	10	10	12	11	10	10	8	8	6	7	6	10	D3	2	BF	BF	- 111	-9.67%	-13.95%	-19.94%
	iShares S&P 500 Growth ETF	IVW	83.65	26	26	26	25	25	13	9	9	10	11	9	9	8	8	6	8	6	11	D3	1	BF	BF	- 105	-9.62%	-13.26%	-18.91%
	Schwab U.S. Large-Cap Growth ETF	SCHG	22.57	28	27	27	27	26	17	10	10	11	11	10	10	8	8	6	7	6	9	D3	2	BF	BF	- 110	-9.79%	-13.67%	-20.22%
	SPDR Portfolio S&P 500 Growth ETF	SPYG	72.45	26	26	26	25	25	13	9	9	10	11	9	9	8	8	6	8	6	10	D3	1	BF	BF	- 105	-9.57%	-13.25%	-18.82%
	Vanguard Russell 1000 Growth ETF	VONG	83.88	27	27	27	26	25	17	10	10	12	11	10	10	8	8	6	7	6	10	D3	2	BF	BF	- 111	-9.52%	-13.87%	-19.84%
	Vanguard Mega Cap Growth ETF	MGK	277.82	28	27	27	27	25	17	9	9	12	11	10	10	8	8	6	7	6	10	D3	2	BF	BF	- 110	-9.94%	-14.11%	-20.13%
	iShares Core S&P U.S. Growth ETF	IUSG	115.07	26	26	26	26	25	17	9	9	11	11	9	9	8	9	7	8	6	11	D3	1	BF	BF	- 106	-9.41%	-12.93%	-18.62%
	Vanguard S&P 500 Growth ETF	VOOG	301.55	26	26	26	25	25	13	9	9	10	11	9	9	8	8	6	8	6	11	D3	1	BF	BF	- 105	-9.63%	-13.29%	-19.01%
	iShares Russell Top 200 Growth ETF	IWY	190.53	27	27	27	26	25	17	10	10	12	11	10	10	8	8	6	7	6	10	D3	2	BF	BF	- 110	-9.48%	-13.79%	-19.86%
	iShares Morningstar Growth ETF	ILCG	73.13	27	27	26	26	27	17	10	10	11	11	9	9	8	8	6	8	6	9	D3	2	BF	BF	- 110	-9.83%	-13.37%	-19.80%
	Invesco S&P 500 Pure Growth ETF	RPG	33.93	28	27	27	27	28	12	10	8	8	9	8	8	7	10	8	8	6	7	D3	1	BF	BF	- 69	-10.99%	-13.45%	-19.23%
	First Trust Large Cap Growth AlphaDE	FTC	118.62	26	25	26	26	26	11	10	8	9	9	9	9	9	10	8	8	6	6	D3	1	BF	BF	- 72	-9.73%	-11.40%	-15.39%
	Invesco Dynamic Large Cap Growth E	PWB	86.24	26	26	25	26	26	11	6	3	3	4	3	5	5	5	6	5	11	12	D3	1	BF	BF	- 114	-10.06%	-12.60%	-16.52%
EF-08	Style: Mid-Cap Growth			27	28	27	28	28	28	27	12	6	7	6	6	9	9	10	9	8	6	D3	5	BF	BF	- 17	-9.13%	-11.34%	-17.09%
	iShares Russell Mid-Cap Growth ETF	IWP	105.68	27	26	26	27	27	17	10	7	7	8	8	8	7	7	6	7	5	4	D3	1	BF	BF	- 70	-10.16%	-12.98%	-18.57%
	Vanguard Mid-Cap Growth ETF	VOT	220.56	25	24	24	26	13	13	11	9	8	9	9	9	9	10	9	9	6	7	D3	1	BF	BF	- 69	-9.65%	-11.64%	-14.82%
	iShares S&P Mid-Cap 400 Growth ETF	IJK	75.77	28	29	29	29	30	29	30	22	18	18	14	15	18	17	17	19	11	14	D3	5	BF	BF	+ 4	-8.90%	-11.13%	-17.77%
	Invesco S&P MidCap Momentum ETF	XMMO	103.22	27	28	28	29	29	28	30	17	13	11	11	11	12	12	13	13	7	9	D3	3	BF	BF	+ 3	-8.75%	-10.61%	-17.86%
	SPDR S&P 400 Mid Cap Growth ETF	MDYG	72.31	28	29	29	29	30	29	30	22	18	18	14	15	18	17	17	19	11	14	D3	4	BF	BF	+ 4	-8.92%	-11.15%	-17.78%
	iShares Morningstar Mid-Cap Growth E	IMCG	64.83	26	25	25	26	25	17	16	11	10	11	11	10	10	11	10	10	6	7	D3	2	BF	BF	- 68	-9.06%	-11.59%	-15.27%
	Vanguard S&P Mid-Cap 400 Growth E	IVOG	94.18	28	29	29	29	30	29	30	25	16	15	11	11	17	16	20	18	18	17	D3	7	BF	BF	- 70	-8.89%	-11.01%	-17.78%
	First Trust Mid Cap Growth AlphaDEX I	FNFY	67.70	27	28	29	29	30	28	26	10	7	8	8	8	11	10	11	11	9	7	D3	5	BF	BF	- 69	-8.72%	-10.59%	-16.99%
EF-09	Style: Small-Cap Growth			28	29	29	29	30	29	29	20	15	12	11	12	16	10	13	11	10	7	D3	6	BF	BF	- 17	-8.59%	-10.97%	-18.27%
	Vanguard Small-Cap Growth ETF	VBK	227.18	28	28	28	29	29	28	19	12	12	11	10	10	10	10	10	10	6	6	D3	3	BF	BF	- 67	-10.19%	-12.74%	-20.51%
	iShares Russell 2000 Growth ETF	IWO	232.32	29	29	29	29	30	30	28	20	15	14	14	15	15	12	13	14	9	9	D3	4	BF	BF	+ 4	-9.81%	-11.97%	-21.07%
	iShares S&P Small-Cap 600 Growth E	IJT	113.05	28	29	30	29	30	30	30	22	21	19	20	19	23	21	21	20	11	14	D3	5	BF	BF	+ 5	-8.45%	-10.79%	-17.53%
	Invesco S&P SmallCap Momentum ET	XSMO	56.77	26	28	28	28	30	29	30	21	14	13	14	14	19	16	16	16	10	11	D3	4	BF	BF	+ 4	-6.74%	-8.31%	-14.97%
	Vanguard Russell 2000 Growth ETF	VTWG	169.34	29	29	29	29	30	30	28	20	15	14	13	15	15	13	13	14	9	9	D3	4	BF	BF	+ 4	-10.03%	-12.23%	-21.17%
	Vanguard S&P Small-Cap 600 Growth	VIOG	97.22	28	29	30	29	30	30	30	22	21	19	20	18	23	21	20	20	11	14	D3	5	BF	BF	+ 5	-8.41%	-10.70%	-17.43%
	iShares Morningstar Small-Cap Growth	ISCG	40.94	28	28	29	29	29	29	19	17	14	13	13	14	14	13	13	13	9	10	D3	4	BF	BF	- 68	-9.28%	-11.93%	-18.56%
	Janus Henderson Small/Mid Cap Grow	JSMD	64.13	25	27	27	27	28	29	28	18	14	12	13	12	10	12	10	12	6	6	D3	3	BF	BR	+ 2	-7.06%	-10.08%	-15.35%
	First Trust Small Cap Growth AlphaDE	JFYC	62.98	28	29	29	29	30	29	28	15	7	8	7	7	11	3	3	3	2	2	D3	5	BF	BF	- 68	-9.33%	-10.79%	-20.39%
	Janus Henderson Small Cap Growth A	JSML	55.58	26	29	30	29	30	30	28	17	14	12	13	13	18	15	14	14	7	7	D3	4	BF	BR	+ 3	-6.04%	-9.05%	-15.76%
	First Trust Small Cap Value AlphaDEX	FYTV	45.10	28	28	29	29	29	30	30	29	29	21	19	17	23	20	17	19	19	10	D3	7	BF	BF	- 72	-9.15%	-12.14%	-18.27%
EF-10	Style: Large-Cap Value			18	19	19	19	17	9	16	18	17	15	17	16	21	21	20	18	19	17	D3	3	BF	BF	- 5	-8.54%	-10.08%	-8.76%
	Vanguard Value ETF	VTV	156.94	18	17	11	9	10	10	13	18	16	15	16	16	19	20	17	20	14	17	D3	2	BF	BF	- 69	-8.13%	-9.51%	-7.34%
	iShares Russell 1000 Value ETF	IWD	170.39	18	18	18	9	13	10	13	17	15	14	16	15	19	19	16	19	13	17	D3	3	BF	BF	- 69	-8.53%	-9.78%	-8.25%
	iShares S&P 500 Value ETF	IVE	172.67	19	20	21	21	13	17	19	22	22	21	22	21	22	22	18	20	14	17	D3	3	BF	BF	- 71	-8.54%	-10.71%	-9.46%
	SPDR Portfolio S&P 500 Value ETF	SPYV	46.33	19	19	11	21	13	17	19	22	22	21	22	21	22	22	17	20	14	17	D3	3	BF	BF	- 71	-8.49%	-10.64%	-9.35%
	Schwab U.S. Large-Cap Value ETF	SCHV	24.10	18	17	11	9	10	9	12	17	15	15	16	16	19	20	17	19	13	17	D3	1	BF	BF	- 68	-8.43%	-10.00%	-7.49%

				Relative Strength Ranking - RSR																		% Price Δ								
			MKT	04/04	03/28	03/21	03/14	03/07	02/28	02/21	02/14	02/07	01/31	01/24	01/17	01/10	01/03	12/31	12/27	12/20	12/13	TRIPLE	50	200						
Group or Corp		Ticker	Price	Cap(MM)	04	28	21	14	07	28	21	14	07	31	24	17	10	03	31	27	20	13	CYCLE	DAY	DAY	MACD	1 week	1 month	3 month	
EF-10	Style: Large-Cap Value																													
	Vanguard Russell 1000 Value ETF	VONV	74.70	10,370	18	17	11	9	13	10	13	17	15	14	15	15	19	19	16	19	13	16	D3	2	BF	BF	- 69	-8.66%	-9.89%	-8.33%
	Vanguard Mega Cap Value ETF	MGV	116.95	8,028	17	15	11	9	9	9	11	15	14	14	15	16	19	20	16	20	14	18	D2	2	BF	BR	- 70	-8.12%	-9.50%	-6.39%
	Vanguard S&P 500 Value ETF	VOOV	167.00	4,763	19	20	11	21	13	17	19	22	22	21	22	21	22	22	17	20	14	17	D3	3	BF	BF	- 71	-8.43%	-10.61%	-9.31%
	iShares Russell Top 200 Value ETF	IWX	74.39	2,812	17	14	14	9	9	9	10	13	14	14	15	16	19	20	17	20	14	17	D2	2	BF	BR	- 69	-8.56%	-9.43%	-6.26%
	First Trust Large Cap Value AlphaDEX FTA		69.44	1,017	19	19	11	9	13	17	19	22	22	22	20	16	19	22	21	22	15	18	D3	6	BF	BF	+ 3	-8.61%	-9.56%	-9.11%
	Invesco Dynamic Large Cap Value ETI PWV		53.07	929	18	14	8	9	9	8	10	17	15	19	18	16	19	22	21	22	16	18	D2	1	BF	BF	- 90	-9.61%	-10.34%	-6.84%
	iShares Morningstar Value ETF	ILCV	73.81	919	18	18	18	9	10	10	11	15	16	14	17	16	17	17	15	16	13	17	D3	1	BF	BF	- 70	-8.39%	-10.67%	-8.73%
	Invesco S&P 500 Enhanced Value ETI SPVU		46.62	89	16	8	8	9	9	9	12	17	17	16	15	15	18	21	19	21	14	16	D2	1	BF	BF	- 70	-8.88%	-8.28%	-5.17%
	Xtrackers Russell 1000 US Quality at a QARP		47.33	56	18	19	21	21	10	10	11	12	14	12	14	14	13	15	13	15	11	15	D3	1	BF	BF	- 119	-7.62%	-10.25%	-9.47%
Royce Quant Small-Cap Quality Value	SQLV	34.44	22	28	29	30	29	29	30	29	22	22	16	15	15	17	15	14	15	9	11	D3	4	BF	BF	+ 4	-9.03%	-12.05%	-19.27%	
EF-11	Style: Mid-Cap Value				23	23	25	25	24	22	26	23	18	13	16	13	20	18	14	15	16	13	D3	5	BF	BF	- 18	-8.94%	-10.71%	-12.33%
	Vanguard Mid-Cap Value ETF	VOE	145.63	15,746	20	20	11	21	13	17	19	22	22	21	21	17	19	21	17	19	13	15	D3	6	BF	BF	- 68	-8.45%	-9.86%	-9.71%
	iShares Russell Mid-Cap Value ETF	IWS	114.28	11,999	22	23	24	25	13	17	19	22	20	18	18	15	19	19	16	17	12	15	D3	5	BF	BF	- 68	-8.66%	-10.43%	-11.94%
	iShares S&P Mid-Cap 400 Value ETF	IJJ	108.02	6,892	25	24	24	24	13	17	19	20	16	12	14	12	14	15	14	15	9	11	D3	4	BF	BF	- 68	-9.37%	-11.28%	-13.55%
	Vanguard S&P Mid-Cap 400 Value ETI IVOV		83.16	802	25	24	24	24	24	22	24	18	14	8	10	8	13	11	9	11	15	15	D3	5	BF	BF	- 69	-9.35%	-11.23%	-13.46%
	Invesco S&P MidCap Value with Mome XMVM		47.90	224	25	25	27	27	26	17	19	22	17	14	19	16	24	21	17	20	10	11	D3	5	BF	BF	+ 3	-8.88%	-10.75%	-13.01%
EF-12	Style: Small-Cap Value				26	27	28	28	29	28	29	26	25	19	18	17	23	19	18	18	17	11	D3	7	BF	BF	- 17	-9.07%	-11.54%	-16.61%
	Vanguard Small Cap Value ETF	VBR	169.13	25,733	26	26	27	27	28	28	19	22	18	15	15	15	19	17	16	17	10	12	D3	5	BF	BF	+ 3	-8.86%	-10.99%	-14.64%
	iShares Russell 2000 Value ETF	IWN	137.10	9,864	27	27	28	28	29	29	29	22	22	22	21	20	24	21	20	20	11	13	D3	5	BF	BF	+ 5	-9.34%	-11.55%	-17.00%
	iShares S&P Small-Cap 600 Value ETf IJS		87.79	5,728	28	29	29	29	29	29	28	22	22	18	15	15	19	15	14	14	8	10	D3	4	BF	BF	+ 4	-9.67%	-13.19%	-19.20%
	SPDR S&P 600 Small Cap Value ETF	SLYV	70.45	3,357	28	29	29	29	29	29	28	22	22	17	15	15	19	15	14	15	8	10	D3	4	BF	BF	+ 4	-9.81%	-13.30%	-19.30%
	Vanguard S&P Small-Cap 600 Value E VIOV		75.55	1,094	28	29	29	29	29	29	28	22	22	16	15	15	19	16	14	15	8	10	D3	4	BF	BF	+ 4	-9.62%	-13.17%	-19.08%
	Vanguard Russell 2000 Value ETF	VTWV	120.51	676	27	27	28	28	29	29	29	22	22	22	21	20	24	21	20	20	11	13	D3	5	BF	BF	+ 5	-9.63%	-11.80%	-17.11%
	Invesco S&P SmallCap Value with Mor XSVM		46.10	573	26	27	28	28	29	29	30	22	22	23	23	22	29	23	22	22	11	15	D3	5	BF	BF	+ 7	-7.84%	-10.04%	-14.43%
	Opus Small Cap Value ETF	OSCV	32.28	474	23	26	28	27	29	29	30	22	22	24	22	18	24	22	22	20	11	13	D3	6	BF	BF	+ 6	-7.19%	-7.83%	-12.77%
	iShares Morningstar Small Cap Value f ISCV		53.45	374	26	26	27	27	28	27	19	20	18	14	15	15	19	16	15	16	9	11	D3	4	BF	BF	- 68	-9.67%	-11.95%	-15.83%
EF-13	Style: Multi-Cap Value				22	22	23	23	21	20	21	19	19	14	15	14	15	17	16	15	16	15	D3	4	BF	BF	- 18	-8.89%	-11.34%	-12.09%
	iShares Core S&P US Value ETF	IUSV	83.69	18,311	20	20	21	21	13	17	19	22	22	19	21	20	19	22	17	20	14	17	D3	3	BF	BF	- 71	-8.46%	-10.66%	-9.51%
	Fidelity Value Factor ETF	FVAL	54.06	773	21	22	21	21	13	11	11	12	14	12	13	13	12	13	12	13	10	14	D3	1	BF	BF	- 117	-8.71%	-11.66%	-12.54%
	JPMorgan U.S. Value Factor ETF	JVAL	37.12	598	25	25	24	24	13	17	16	16	15	13	14	14	14	16	14	15	11	15	D3	3	BF	BF	- 71	-9.86%	-13.34%	-14.29%
	SPDR S&P 1500 Value Tilt ETF	VLU	166.00	392	19	19	11	9	13	10	11	12	14	12	14	14	14	15	14	15	11	15	D3	1	BF	BF	- 71	-8.87%	-10.48%	-9.91%
	Alpha Architect US Quantitative Value I QVAL		38.89	328	23	25	26	27	13	28	19	22	22	20	18	15	13	18	16	19	14	18	D3	5	BF	BF	- 91	-8.41%	-11.22%	-13.35%
	First Trust Multi Cap Value AlphaDEX F FAB		71.86	108	24	24	26	26	25	27	19	22	22	21	19	16	19	22	21	22	13	17	D3	5	BF	BF	+ 4	-9.03%	-10.66%	-12.95%
	THEMATIC																													
EF-14	Equity Income				17	17	18	17	16	9	17	22	24	20	21	19	23	22	21	20	20	17	D3	2	BF	BF	- 4	-7.63%	-9.60%	-7.33%
	Vanguard Dividend Appreciation ETF	VIG	177.07	79,045	18	19	11	9	10	10	12	15	15	14	16	16	17	16	14	15	12	17	D3	3	BF	BF	- 71	-7.75%	-10.86%	-9.30%
	Schwab US Dividend Equity ETF	SCHD	25.28	64,508	17	16	11	9	8	10	18	22	22	24	21	18	19	21	18	20	14	18	D3	1	BF	BR	- 68	-8.34%	-10.37%	-7.04%
	Vanguard High Dividend Yield Index E VYM		117.03	53,866	18	17	16	9	9	9	10	13	14	13	14	13	15	15	14	16	11	16	D2	2	BF	BR	- 69	-8.25%	-10.23%	-8.27%
	iShares Core Dividend Growth ETF	DGRO	56.43	27,800	18	18	18	9	9	10	11	17	16	15	18	17	19	19	15	18	13	17	D3	3	BF	BF	- 69	-7.72%	-10.42%	-7.81%
	SPDR S&P Dividend ETF	SDY	125.88	18,624	15	16	11	9	9	17	19	22	29	24	25	24	29	27	24	22	16	20	D3	1	BF	BR	+ 11	-6.26%	-8.67%	-3.94%
	iShares Select Dividend ETF	DVY	122.07	18,201	17	15	16	9	13	9	12	20	21	19	19	16	19	19	16	17	12	15	D3	2	BF	BR	- 68	-8.04%	-8.39%	-6.71%
	First Trust Rising Dividend Achievers E RDVY		52.72	12,115	21	21	11	21	13	11	13	12	13	12	13	12	14	16	15	16	11	13	D3	3	BF	BF	- 70	-9.15%	-11.55%	-11.25%
	ProShares S&P 500 Dividend Aristocr NOBL		94.54	10,886	16	17	11	9	9	17	19	22	29	24	25	24	28	27	22	22	16	19	D3	1	BF	BF	+ 10	-6.27%	-9.13%	-4.47%

			Relative Strength Ranking - RSR																	% Price Δ										
Group or Corp	Ticker	Price	MKT Cap(MM)	04/04	03/28	03/21	03/14	03/07	02/28	02/21	02/14	02/07	01/31	01/24	01/17	01/10	01/03	12/31	12/27	12/20	12/13	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month		
EF-14	Equity Income																													
	iShares Core High Dividend ETF	HDV	111.27	10,649	9	4	6	6	5	8	10	22	22	24	25	22	24	23	22	22	17	20	U3	2	BF	BR	- 67	-6.87%	-6.86%	-0.70%
	First Trust Value Line Dividend Index F FVD		41.90	8,583	12	15	11	9	8	11	19	22	22	24	24	23	24	22	19	20	14	18	D3	1	BF	BR	- 67	-5.20%	-7.31%	-3.42%
	First Trust SMID Cap Rising Dividend A SDVY		30.31	7,102	26	27	28	29	29	29	28	22	22	15	14	14	19	19	18	19	10	11	D3	5	BF	BF	+ 4	-9.22%	-10.65%	-15.84%
	First Trust Preferred Securities & Incom FPE		17.22	5,649	7	14	9	9	10	13	19	22	21	21	23	19	14	16	16	16	15	21	D2	1	BF	BR	- 84	-2.10%	-2.48%	-1.87%
	First Trust Morningstar Dividend Leade FDL		39.45	4,908	10	4	5	5	4	6	9	15	17	19	22	19	22	21	20	21	14	17	D1	1	BF	BR	- 68	-7.81%	-9.10%	-1.88%
	WisdomTree U.S. LargeCap Dividend I DLN		72.25	4,288	17	16	11	9	9	9	10	15	14	14	17	16	17	16	15	16	12	16	D2	2	BF	BR	- 70	-8.01%	-9.71%	-7.26%
	FT Cboe Vest S&P 500 Dividend Aristc KNG		47.02	3,464	15	17	11	9	9	17	19	22	29	24	25	24	28	26	22	22	16	20	D3	1	BF	BF	+ 11	-5.94%	-8.39%	-4.29%
	WisdomTree U.S. MidCap Dividend Fu DON		44.97	3,290	20	22	24	24	13	17	19	22	21	15	15	14	19	16	15	16	10	11	D3	4	BF	BF	- 69	-8.52%	-10.00%	-11.65%
	VanEck Preferred Securities ex Financ PFXF		15.81	1,747	16	10	11	9	13	17	19	22	22	24	20	19	18	16	18	17	16	21	D3	5	BF	BR	+ 2	-5.63%	-5.68%	-8.24%
	WisdomTree U.S. SmallCap Dividend I DES		29.23	1,694	25	26	27	27	28	29	28	22	22	21	20	18	23	18	15	16	9	11	D3	5	BF	BF	+ 4	-8.43%	-10.68%	-14.44%
	WisdomTree U.S. Total Dividend Fund DTD		70.19	1,218	17	17	11	9	10	9	10	15	15	14	17	15	18	16	15	16	12	15	D3	1	BF	BR	- 70	-7.97%	-9.72%	-7.66%
	WisdomTree U.S. High Dividend Fund DHS		90.57	1,146	11	4	7	7	5	7	9	15	15	14	19	16	18	16	15	15	11	13	D1	1	BF	BR	- 67	-7.52%	-8.12%	-2.83%
	ALPS Sector Dividend Dogs ETF SDOG		52.20	1,105	18	15	15	9	8	10	12	21	22	23	21	19	19	21	18	20	14	17	D3	1	BF	BR	- 67	-9.08%	-10.78%	-7.19%
	Invesco High Yield Equity Dividend Act PEY		19.49	1,074	18	16	11	9	8	10	16	22	21	19	20	17	22	21	17	18	12	17	D3	2	BF	BR	- 69	-8.45%	-10.96%	-7.50%
	Invesco S&P Ultra Dividend Revenue F RDIV		43.84	707	18	17	11	9	13	10	16	21	22	21	21	20	23	21	17	19	13	16	D3	2	BF	BR	- 69	-9.14%	-10.18%	-8.66%
	Invesco Dividend Achievers ETF PFM		41.90	629	18	19	11	9	10	10	12	16	15	14	16	16	18	17	14	16	12	17	D3	1	BF	BF	- 70	-7.51%	-10.52%	-8.48%
	Global X SuperDividend US ETF DIV		17.30	606	11	7	7	7	6	8	9	15	14	14	19	17	19	19	19	20	14	18	D1	1	BF	BR	- 68	-7.11%	-7.85%	-3.11%
	Invesco KBW High Dividend Yield Fina KBWD		13.21	386	18	17	8	7	6	6	8	11	13	12	20	18	23	17	22	21	14	19	D2	1	BF	BF	- 68	-8.39%	-12.37%	-8.75%
	WisdomTree U.S. AI Enhanced Value I AIVL		99.59	351	17	15	11	9	10	10	12	20	21	19	19	18	23	22	19	20	15	18	D3	2	BF	BR	- 67	-8.70%	-9.29%	-6.63%
	VictoryShares Dividend Accelerator ET VSDA		47.72	227	16	18	20	18	9	13	19	22	22	21	23	22	24	23	20	20	14	17	D3	2	BF	BR	- 68	-6.54%	-9.35%	-5.89%
	WBI Power Factor High Dividend ETF WBIY		26.96	53	18	19	11	9	10	17	19	22	30	24	22	21	24	22	22	22	14	19	D3	2	BF	BF	+ 6	-7.98%	-11.00%	-8.76%
	Siren DIVCON Leaders Dividend ETF LEAD		59.55	48	21	25	26	25	13	17	19	22	22	23	20	19	23	22	19	19	13	18	D3	7	BF	BF	- 1	-7.33%	-10.69%	-10.79%
	US Equity Dividend Select ETF RNDV		28.68	42	23	21	11	21	10	17	13	22	22	23	22	23	24	23	22	22	16	18	D3	2	BF	BF	- 68	-9.98%	-14.08%	-11.16%
	Global X S&P 500 Quality Dividend ETI QDIV		31.61	28	18	10	11	9	8	17	19	22	29	24	23	22	23	23	21	22	15	19	D3	1	BF	BR	- 67	-8.80%	-11.66%	-8.15%
EF-15	Low Volatility																													
	iShares MSCI USA Min Vol Factor ETF USMV		87.20	22,384	15	16	18	16	16	7	15	18	16	18	19	17	19	17	15	13	13	16	D3	3	BF	BR	- 5	-6.22%	-7.71%	-6.07%
	Global X NASDAQ 100 Covered Call E QYLD		15.21	7,679	10	7	9	7	6	8	11	17	15	19	22	22	19	21	17	19	14	17	D2	1	BF	BR	- 72	-5.97%	-6.73%	-1.79%
	Invesco S&P 500 Low Volatility ETF SPLV		69.99	7,363	22	23	24	21	13	11	9	10	11	11	12	10	8	10	8	10	11	17	D2	3	BF	BF	- 113	-8.48%	-11.70%	-14.84%
	Global X S&P 500 Covered Call ETF XYLD		36.20	2,818	18	19	11	9	10	9	9	10	11	11	12	10	8	10	8	9	11	17	D2	2	BF	BF	- 68	-7.84%	-10.27%	-11.68%
	Fidelity Low Volatility Factor ETF FDLO		55.89	1,235	17	17	19	9	9	10	12	17	16	14	19	19	17	17	14	15	12	17	D3	2	BF	BF	- 121	-7.05%	-9.72%	-7.52%
	First Trust BuyWrite Income ETF FTHI		20.00	1,158	20	21	11	21	13	12	12	13	14	13	14	13	11	12	11	12	10	15	D3	2	BF	BF	- 116	-8.17%	-10.33%	-13.08%
	SPDR SSGA US Large Cap Low Volat LGLV		162.16	879	9	7	8	7	6	9	16	21	17	19	21	18	19	21	16	17	13	16	D2	1	BF	BR	- 70	-5.78%	-6.46%	-1.56%
	Invesco S&P MidCap Low Volatility ETI XMLV		57.99	741	11	14	11	9	10	11	19	22	21	19	19	16	19	16	15	15	10	13	D3	1	BF	BR	- 67	-5.25%	-5.67%	-4.03%
	SPDR Russell 1000 Low Volatility Focu ONEV		117.77	537	16	17	11	9	13	17	19	22	22	19	19	18	19	21	17	19	13	17	D3	3	BF	BR	- 69	-6.37%	-7.85%	-6.11%
	First Trust Nasdaq BuyWrite Income E FTQI		17.10	522	25	25	25	25	13	17	10	11	13	12	12	12	9	10	9	10	8	13	D3	1	BF	BF	- 112	-8.99%	-11.95%	-16.26%
	VictoryShares US 500 Volatility Wtd ET CFA		77.01	474	19	20	21	21	13	16	19	18	15	14	15	15	17	16	15	16	11	14	D3	4	BF	BF	- 69	-8.10%	-9.66%	-9.72%
	AGF U.S. Market Neutral Anti-Beta Fur BTAL		21.34	439	1	1	1	1	1	3	24	30	29	29	30	30	22	26	22	25	28	30	U3	3	AR	AR	+ 18	3.39%	4.35%	16.61%
	VictoryShares US 500 Enhanced Volat CFO		62.45	375	19	20	21	21	13	17	19	18	15	14	15	15	17	16	15	16	11	14	D3	4	BF	BF	- 63	-8.07%	-9.64%	-9.72%
	iShares MSCI USA Small-Cap Min Vol SMMV		39.14	268	14	16	18	9	13	17	19	18	15	15	18	15	15	14	13	13	9	11	D3	3	BF	BR	- 68	-5.16%	-5.12%	-5.43%
	Invesco S&P SmallCap Low Volatility E XSLV		43.58	264	16	20	24	22	13	17	19	22	22	22	24	21	24	20	16	17	10	15	D3	5	BF	BR	+ 3	-4.85%	-7.15%	-7.60%
	Vanguard U.S. Minimum Volatility ETF VFMV		117.71	235	10	7	8	7	6	8	9	15	14	14	20	17	18	17	15	16	12	17	D2	1	BF	BR	- 71	-6.26%	-7.28%	-2.58%
	WisdomTree PutWrite Strategy Fund PUTW		28.62	215	19	20	11	9	13	13	11	12	14	13	14	14	12	13	12	13	11	17	D3	1	BF	BF	- 113	-7.75%	-9.74%	-11.59%
	SPDR SSGA US Small Cap Low Volati SMLV		114.02	176	19	21	23	21	13	11	17	12	12	13	15	15	19	15	13	13	6	9	D3	3	BF	BR	- 68	-7.20%	-8.88%	-9.96%
	Innovator U.S. Equity Ultra Buffer ETF UJUL		31.69	112	16	20	20	19	18	15	11	15	13	13	14	12	8	10	9	9	10	15	D3	1	BF	BF	- 17	-5.06%	-7.50%	-8.76%
	VictoryShares US Multi-Factor Minimur VSMV		44.95	103	16	17	19	19	10	11	17	21	21	19	20	17	15	19	15	16	13	17	D3	3	BF	BF	- 122	-6.17%	-7.89%	-6.36%

			Relative Strength Ranking - RSR																			% Price Δ								
			MKT	04/04	03/28	03/21	03/14	03/07	02/28	02/21	02/14	02/07	01/31	01/24	01/17	01/10	01/03	12/31	12/27	12/20	12/13	TRIPLE	50	200						
Group or Corp		Ticker	Price	Cap(MM)	04	28	21	14	07	28	21	14	07	31	24	17	10	03	31	27	20	13	CYCLE	DAY	DAY	MACD	1 week	1 month	3 month	
EF-15	Low Volatility																													
	First Trust Horizon Managed Volatility C	HUSV	37.58	96	8	4	7	7	5	7	9	15	15	16	21	19	19	21	17	19	14	18	D1	1	BF	BR	- 69	-5.16%	-6.04%	0.79%
	Franklin U.S. Low Volatility ETF	FLLV	51.18	84	18	10	11	9	9	11	11	21	22	19	21	18	19	22	20	22	15	20	D3	1	BF	BR	- 72	-8.31%	-10.22%	-6.87%
	Invesco S&P 500 ex-Rate Sensitive Lo	XRLV	53.11	43	8	4	8	7	5	7	11	20	18	21	23	20	22	21	16	18	14	17	U3	2	BF	BR	- 67	-4.93%	-5.41%	0.67%
	Invesco S&P 500 Minimum Variance E	SPMV	43.46	5	15	15	11	9	9	9	11	17	15	19	18	18	19	18	15	17	13	17	D2	2	BF	BR	- 70	-6.64%	-8.24%	-5.39%
EF-16	Volatility				1	9	16	7	5	22	25	29	26	25	28	24	5	23	19	21	11	25	U3	1	AR	AR	+ 6	16.30%	14.62%	20.32%
	ProShares Ultra VIX Short-Term Future	UVXY	39.79	302	1	1	15	1	1	30	30	30	30	30	30	30	23	30	30	30	29	30	U3	1	AR	AR	+ 7	70.26%	66.76%	103.11%
	Invesco S&P 500 High Beta ETF	SPHB	68.11	291	30	30	29	29	30	29	18	12	15	14	12	12	12	13	13	14	9	11	D3	4	BF	BF	+ 3	-13.29%	-17.14%	-24.75%
	ProShares Short VIX Short-Term Futur	SVXY	36.65	254	30	27	26	27	30	24	24	16	24	23	15	20	29	23	27	26	29	23	D3	5	BF	BF	- 5	-19.87%	-21.06%	-27.95%
	ProShares VIX Short-Term Futures ET	VIXY	73.12	211	1	1	6	1	1	29	30	30	30	30	30	30	8	30	28	29	21	30	U3	1	AR	AR	+ 6	44.85%	45.40%	68.13%
	ProShares VIX Mid-Term Futures ETF	VIXM	18.46	33	1	1	4	1	1	5	8	26	21	23	29	25	4	24	23	24	14	28	U3	6	AR	AR	+ 17	17.06%	16.76%	28.55%
	VictoryShares US Discovery Enhancec	CSF	50.74	30	16	26	27	27	28	26	19	19	15	14	15	15	19	16	15	15	9	11	D3	4	BF	BR	- 57	-1.19%	-3.16%	-7.90%
EF-17	Momentum				25	26	26	26	28	22	20	11	9	8	7	8	10	9	9	8	9	10	D3	4	BF	BF	- 17	-7.84%	-9.79%	-14.34%
	iShares MSCI USA Momentum Factor	MTUM	181.16	12,373	25	23	21	23	13	8	9	7	8	10	9	9	10	11	10	12	9	11	D2	3	BF	BF	- 73	-9.81%	-11.12%	-14.03%
	Invesco S&P 500 Momentum ETF	SPMO	82.32	4,754	25	21	11	9	13	7	8	8	8	9	9	9	8	10	8	11	8	11	D2	2	BF	BF	- 93	-10.71%	-12.76%	-14.88%
	Pacer Trendpilot US Large Cap ETF	PTLC	49.07	3,256	17	22	23	23	21	15	10	9	9	9	8	8	8	6	7	6	12	16	D3	2	BF	BF	- 104	-4.29%	-6.46%	-9.11%
	First Trust Dorsey Wright Focus 5 ETF	FV	49.62	3,136	26	27	27	27	28	17	18	11	12	11	12	12	12	13	12	13	9	12	D3	2	BF	BF	- 69	-9.42%	-12.65%	-16.75%
	Main Sector Rotation ETF	SECT	46.04	1,653	26	26	26	26	25	22	11	8	9	9	7	9	8	6	7	7	7	14	D3	3	BF	BF	- 124	-9.74%	-13.36%	-17.42%
	Pacer Trendpilot 100 ETF	PTNQ	67.03	1,632	17	21	21	19	18	17	8	9	10	11	11	10	5	6	7	7	12	17	D3	1	BF	BF	- 112	-5.55%	-7.91%	-10.39%
	JPMorgan U.S. Momentum Factor ETF	JMOM	51.00	1,192	24	24	23	24	13	12	11	10	10	11	11	11	10	12	11	12	8	10	D3	1	BF	BF	- 116	-9.06%	-11.12%	-13.79%
	Invesco DWA Momentum ETF	PDP	90.69	1,090	26	27	27	28	29	17	19	9	10	12	9	10	11	11	10	10	6	6	D3	3	BF	BF	- 71	-8.95%	-9.87%	-17.25%
	Vanguard U.S. Momentum Factor ETF	VFMO	135.86	848	28	28	28	28	30	17	19	11	11	12	11	12	13	12	12	12	8	9	D3	3	BF	BF	- 69	-10.24%	-11.45%	-18.95%
	VictoryShares US Small Mid Cap Value	USVM	71.65	742	26	26	27	27	29	29	30	22	19	15	16	15	18	16	16	16	10	11	D3	5	BF	BF	- 69	-8.75%	-10.04%	-15.53%
	Invesco DWA SmallCap Momentum E	DWAS	70.63	592	29	30	30	30	30	30	30	22	22	24	19	24	29	16	19	18	11	10	D3	6	BF	BF	+ 6	-9.11%	-11.15%	-24.64%
	Pacer Trendpilot US Mid Cap ETF	PTMC	34.63	407	15	26	28	27	28	28	28	21	16	11	11	11	15	14	14	14	17	16	D3	6	BF	BR	- 66	0.12%	-2.18%	-7.11%
	Fidelity Momentum Factor ETF	FDMO	58.45	406	26	26	25	26	27	13	10	8	9	11	10	9	9	10	8	9	6	9	D3	1	BF	BF	- 104	-9.39%	-11.84%	-17.57%
	Momentumshares US Quantitative Mor	QMOM	52.34	263	29	29	30	30	30	30	30	15	6	5	4	4	5	5	8	8	12	14	D3	5	BF	BF	- 70	-9.81%	-9.37%	-20.30%
	First Trust Managed Futures Strategy F	FMF	45.80	154	7	16	11	9	13	17	19	22	16	14	18	15	10	12	14	15	15	20	D2	4	BF	BF	- 17	-0.75%	-0.86%	-4.85%
	VictoryShares US Value Momentum E	ULVM	72.25	134	20	20	21	20	13	10	12	13	14	12	14	13	15	16	15	15	11	12	D3	3	BF	BF	- 70	-9.10%	-10.92%	-10.42%
First Trust Dorsey Wright Dynamic Foc	FVC	33.44	127	17	21	11	21	13	17	18	15	14	12	14	14	12	13	13	13	9	11	D3	3	BF	BF	- 64	-4.76%	-6.60%	-8.78%	
	SPDR S&P 1500 Momentum Tilt ETF	MMTM	215.84	125	27	26	27	26	27	17	11	11	13	12	11	11	10	11	10	12	9	11	D3	2	BF	BF	- 103	-10.00%	-13.01%	-18.26%
	SPDR Russell 1000 Momentum Focus	ONEO	105.11	79	21	23	24	25	13	17	19	18	14	13	14	13	13	16	14	15	10	11	D3	4	BF	BF	- 69	-8.22%	-9.99%	-11.84%
	Pacer CFRA-Stovall Equal Weight Sea	SZNE	31.30	20	26	26	27	27	27	29	28	22	22	24	23	24	27	28	25	25	17	20	D3	6	BF	BF	+ 13	-9.24%	-13.07%	-14.53%
EF-18	Quality				22	24	24	24	21	17	15	14	12	11	13	14	14	11	12	11	11	12	D3	4	BF	BF	- 17	-8.20%	-11.27%	-12.66%
	iShares MSCI USA Quality Factor ETF	QUAL	155.49	44,089	23	25	25	24	13	17	16	16	16	15	16	16	15	16	14	15	12	17	D3	3	BF	BF	- 117	-8.32%	-11.87%	-13.08%
	Invesco S&P 500 Quality ETF	SPHQ	60.26	10,758	19	19	11	9	10	9	10	12	13	12	14	15	15	15	13	14	11	17	D2	2	BF	BF	- 121	-8.31%	-11.61%	-10.28%
	JPMorgan U.S. Quality Factor ETF	JQUA	51.58	5,060	19	19	11	9	10	9	10	11	12	12	13	13	12	13	12	13	9	12	D2	2	BF	BF	- 121	-8.06%	-10.99%	-10.37%
	Fidelity Quality Factor ETF	FQAL	58.41	946	20	21	20	9	13	10	10	12	14	13	14	14	12	13	13	14	10	14	D3	1	BF	BF	- 114	-8.15%	-11.23%	-11.43%
	Invesco S&P SmallCap Quality ETF	XSHQ	35.99	398	26	29	30	30	30	30	30	22	22	23	22	21	24	21	17	17	9	11	D3	6	BF	BF	+ 5	-6.69%	-8.39%	-15.31%
	FlexShares US Quality Large Cap Inde	QLC	57.60	343	23	23	21	21	13	11	10	11	13	12	13	12	11	12	11	12	10	13	D3	1	BF	BF	- 115	-9.18%	-12.32%	-13.93%
	Vanguard U.S. Quality Factor ETF	VFQY	121.43	337	25	26	27	26	13	17	19	18	16	14	16	15	17	17	15	16	11	15	D3	4	BF	BF	- 96	-8.68%	-12.42%	-14.20%
EF-19	Multi-factor				20	21	22	22	21	19	21	17	17	16	16	15	20	16	16	14	14	14	D3	4	BF	BF	- 18	-7.79%	-9.51%	-10.55%
	WisdomTree US Quality Dividend Grov	DGRW	73.05	13,595	19	21	11	22	13	17	19	20	21	19	18	19	19	21	16	19	14	18	D3	4	BF	BF	- 72	-7.66%	-10.43%	-9.86%

			Relative Strength Ranking - RSR																				% Price Δ							
			MKT	04/04	03/28	03/21	03/14	03/07	02/28	02/21	02/14	02/07	01/31	01/24	01/17	01/10	01/03	12/31	12/27	12/20	12/13	TRIPLE	50	200						
Group or Corp		Ticker	Price	Cap(MM)	04	28	21	14	07	28	21	14	07	31	24	17	10	03	31	27	20	13	CYCLE	DAY	DAY	MACD	1 week	1 month	3 month	
EF-19	Multi-factor																													
	Goldman Sachs ActiveBeta U.S. Large	GSLC	99.62	11,297	24	24	24	24	13	13	11	12	14	12	13	13	12	12	11	12	9	12	D3	2	BF	BF	- 115	-8.92%	-11.68%	-14.14%
	SPDR Portfolio S&P 500 High Dividend	SPYD	40.38	6,321	16	15	11	9	10	11	19	22	22	24	24	22	25	22	20	21	14	17	D3	1	BF	BR	- 68	-7.64%	-8.78%	-6.09%
	iShares MSCI USA Value Factor ETF	VLUE	95.85	5,967	20	19	18	9	13	10	10	15	18	16	15	15	19	21	19	21	15	17	D3	3	BF	BF	- 69	-9.43%	-11.31%	-9.43%
	Invesco Russell 1000 Dynamic Multifac	OMFL	49.09	4,227	18	20	11	9	13	9	10	11	12	12	13	13	11	12	10	12	9	14	D2	3	BF	BF	- 26	-6.99%	-9.66%	-9.98%
	John Hancock Multifactor Mid Cap ETF	JHMM	51.89	3,521	25	25	26	26	26	23	25	17	11	9	10	9	14	11	12	12	15	16	D3	5	BF	BF	- 69	-8.88%	-10.93%	-14.03%
	Invesco S&P 500 High Dividend Low V	SPHD	46.13	3,276	14	11	9	7	6	9	12	22	22	24	25	23	24	21	19	20	15	18	D3	1	BF	BR	- 68	-7.01%	-8.54%	-4.15%
	First Trust RBA American Industrial Re	AIRR	62.58	2,857	29	30	30	30	30	30	30	22	14	14	10	9	12	12	13	12	6	6	D3	4	BF	BF	+ 4	-8.33%	-9.96%	-20.31%
	Invesco S&P 500 GARP ETF	SPGP	88.66	2,812	26	25	27	27	28	17	19	21	18	15	13	12	12	16	16	19	12	16	D3	4	BF	BF	+ 3	-10.48%	-12.12%	-16.00%
	Principal U.S. Mega-Cap ETF	USMC	51.53	2,274	22	23	11	22	13	9	9	9	10	10	11	11	9	10	7	9	7	11	D2	3	BF	BR	- 114	-8.72%	-11.16%	-14.40%
	iShares U.S. Equity Factor ETF	LRGF	52.34	2,044	24	24	22	22	13	10	10	10	12	12	12	12	11	12	10	12	9	11	D3	1	BF	BF	- 117	-9.02%	-12.12%	-14.16%
	FlexShares Quality Dividend Index Fun	QDF	61.75	1,580	22	23	23	22	13	17	13	17	18	18	18	16	15	16	14	15	12	17	D3	3	BF	BF	- 121	-8.83%	-12.27%	-12.96%
	iShares MSCI USA Small-Cap Multifac	SMLF	56.34	1,575	27	27	28	28	29	28	19	13	14	12	13	12	12	13	13	13	7	8	D3	3	BF	BF	- 69	-9.45%	-11.70%	-17.62%
	ProShares S&P MidCap 400 Dividend	REGL	75.22	1,477	16	17	11	9	13	11	19	22	22	19	19	16	23	19	16	17	10	13	D3	3	BF	BR	- 68	-6.22%	-7.20%	-6.15%
	SPDR MSCI USA StrategicFactors ETI	QUS	143.62	1,323	17	18	18	17	16	5	10	14	11	12	16	16	16	16	16	14	14	19	D2	3	BF	BF	- 120	-7.48%	-9.61%	-7.82%
	WisdomTree U.S. LargeCap Fund	EPS	53.62	941	22	22	11	21	13	10	10	12	13	12	13	12	12	12	11	12	10	12	D3	1	BF	BF	- 116	-8.92%	-11.84%	-12.93%
	ALPS O'Shares U.S. Small-Cap Quality	OUSM	39.17	828	19	23	26	25	13	27	19	22	22	23	23	20	23	21	17	18	11	17	D3	6	BF	BF	+ 4	-6.52%	-9.11%	-10.26%
	John Hancock Multifactor Large Cap E	JHML	61.14	825	23	23	23	23	21	15	13	11	10	9	10	10	11	10	9	8	14	17	D3	3	BF	BF	- 73	-8.81%	-11.39%	-13.07%
	SPDR Russell 1000 Yield Focus ETF	ONEY	99.30	759	18	18	11	9	13	13	19	22	22	20	19	17	19	21	18	20	13	17	D3	2	BF	BF	- 68	-8.21%	-9.68%	-8.56%
	ALPS O'Shares U.S. Quality Dividend	IOUSA	49.10	744	17	18	20	9	8	10	12	18	18	15	19	19	18	17	14	15	12	17	D3	3	BF	BR	- 71	-6.64%	-10.35%	-7.23%
	VictoryShares US EQ Income Enhance	CDC	60.18	716	14	9	14	14	9	9	10	20	22	20	21	17	22	21	18	20	14	17	D2	1	BF	BR	- 66	-7.32%	-7.25%	-3.64%
	Vanguard U.S. Value Factor ETF	VFVA	101.24	664	26	24	24	25	25	24	19	22	22	18	16	15	19	21	20	21	12	16	D3	5	BF	BF	+ 3	-10.97%	-12.58%	-14.53%
	Principal U.S. Small-Cap Multi-Factor	EPSC	44.44	646	25	26	28	27	29	28	19	17	15	14	16	15	19	17	17	18	11	11	D3	4	BF	BR	+ 3	-7.63%	-9.07%	-14.29%
	ProShares Russell 2000 Dividend Gro	SMDV	61.10	627	19	22	25	21	13	17	19	22	22	24	25	24	29	23	21	19	9	12	D3	5	BF	BR	+ 4	-6.77%	-9.30%	-8.66%
	Franklin U.S. Low Volatility High Divi	LVHD	38.38	516	9	5	11	8	4	4	8	21	23	24	25	23	24	22	20	20	15	18	U3	2	BF	BR	- 66	-4.98%	-5.72%	0.01%
	John Hancock Multifactor Small Cap E	JHSC	33.74	434	26	26	27	27	28	28	28	20	14	12	12	11	18	15	15	15	17	17	D3	6	BF	BF	- 70	-9.11%	-11.07%	-15.84%
	Hartford Multifactor US Equity ETF	ROUS	46.39	416	18	20	11	21	13	11	13	16	15	15	15	15	15	17	15	16	12	15	D3	3	BF	BF	- 72	-7.56%	-10.03%	-9.15%
	FlexShares Quality Dividend Defensive	QDEF	64.16	371	18	19	19	9	10	11	12	18	19	19	19	17	16	16	14	15	12	16	D3	3	BF	BF	- 121	-7.38%	-10.42%	-9.04%
	JPMorgan Diversified Return U.S. Equi	JPUS	105.85	370	18	19	11	9	13	17	19	22	22	22	21	19	22	22	21	21	14	18	D3	3	BF	BF	- 69	-7.19%	-8.39%	-7.57%
	JPMorgan Diversified Return U.S. Mid	JPME	92.10	361	20	21	24	23	13	17	19	22	21	19	16	15	18	17	16	17	12	15	D3	5	BF	BF	- 68	-7.74%	-9.14%	-10.52%
	WisdomTree US Smallcap Quality Divi	DGRS	42.51	349	26	28	29	29	29	29	29	22	29	23	19	17	24	19	16	17	9	11	D3	5	BF	BF	+ 5	-8.64%	-11.81%	-16.57%
	WisdomTree U.S. Multifactor Fund	USMF	45.65	337	17	17	11	9	10	10	16	15	13	12	15	15	13	14	13	13	10	11	D3	1	BF	BR	- 92	-7.47%	-9.06%	-8.31%
	VictoryShares US Large Cap High Divi	CDL	62.79	323	14	10	14	14	9	9	10	20	22	21	21	17	19	21	18	20	14	17	D2	1	BF	BR	- 68	-7.15%	-7.16%	-3.84%
	Vanguard U.S. Multifactor ETF	VFMF	113.85	300	24	24	24	25	25	17	19	15	14	13	14	14	17	16	15	16	11	13	D3	4	BF	BF	- 93	-9.24%	-10.84%	-13.14%
	American Century STOXX U.S. Quality	VALQ	55.72	223	18	19	11	9	9	11	12	15	14	13	15	16	15	16	14	15	11	15	D3	3	BF	BF	- 95	-7.47%	-11.04%	-8.70%
	Invesco Russell 2000 Dynamic Multifac	OMFS	34.83	213	23	26	27	27	29	28	28	19	14	17	16	15	19	15	14	14	8	9	D3	4	BF	BF	+ 3	-7.14%	-7.92%	-13.00%
	First Trust Multi Cap Growth AlphaDEX	FAD	116.98	193	26	26	27	27	28	22	20	6	5	5	4	4	5	4	5	5	3	3	D3	4	BF	BF	- 70	-9.40%	-10.94%	-16.96%
	PIMCO RAFI Dynamic Multi-Factor U.S	MFUS	45.56	156	18	10	11	9	10	9	10	12	14	13	14	16	15	16	15	17	12	16	D2	2	BF	BR	- 70	-8.05%	-10.18%	-8.55%
	Xtrackers Russell US Multifactor ETF	DEUS	49.50	153	18	19	21	21	13	17	19	22	18	17	17	16	18	19	15	17	12	14	D3	4	BF	BF	- 70	-6.96%	-8.30%	-8.12%
	First Trust Dorsey Wright International	IFV	18.73	100	10	5	6	6	4	20	20	23	27	28	27	29	29	26	27	25	27	27	U3	2	BF	BF	- 1	-6.99%	-8.13%	-2.74%
	Cambria Global Momentum ETF	GMOM	26.67	100	16	18	11	9	13	17	19	16	17	18	17	16	19	17	19	20	14	18	D3	4	BF	BF	- 64	-6.09%	-6.13%	-7.12%
	RiverFront Dynamic US Dividend Adv	RFDA	48.16	66	23	23	24	23	13	17	19	16	19	19	14	15	14	13	13	14	10	14	D3	3	BF	BF	- 70	-8.85%	-10.82%	-14.30%
	First Trust Dorsey Wright Momentum &	DDIV	33.56	65	21	19	11	21	13	8	11	12	12	11	10	9	11	11	11	12	8	9	D3	1	BF	BR	- 70	-10.44%	-10.09%	-12.24%
	Invesco S&P SmallCap High Dividend	XSHD	12.93	62	18	22	24	21	13	24	28	22	30	24	25	24	29	23	25	22	14	20	D3	13	BF	BF	+ 10	-6.37%	-9.34%	-10.39%
	First Trust Lunt U.S. Factor Rotation E	FCTR	28.27	58	25	25	26	27	28	25	10	7	9	11	10	10	11	10	9	10	7	8	D3	2	BF	BF	- 27	-8.08%	-8.98%	-15.18%
	Cambria Value & Momentum ETF	VAMO	28.99	52	9	18	14	21	26	28	28	22	21	19	16	15	15	16	16	17	12	15	D3	4	BF	BR	+ 4	-0.77%	1.59%	-2.53%
	Invesco S&P 500 Value with Momentum	SPVM	51.98	46	19	20	11	22	13	17	19	22	18	18	18	16	19	21	16	19	13									

				Relative Strength Ranking - RSR																			% Price Δ							
				MKT	04/04	03/28	03/21	03/14	03/07	02/28	02/21	02/14	02/07	01/31	01/24	01/17	01/10	01/03	12/31	12/27	12/20	12/13	TRIPLE	50	200					
Group or Corp		Ticker	Price	Cap(MM)	04	28	21	14	07	28	21	14	07	31	24	17	10	03	31	27	20	13	CYCLE	DAY	DAY	MACD	1 week	1 month	3 month	
EF-19	Multi-factor																													
	Roundhill Acquirers Deep Value ETF	DEEP	28.09	22	28	28	28	29	30	30	30	22	30	24	25	23	24	22	24	26	14	20	D3	8	BF	BF	+ 10	-9.55%	-11.41%	-19.07%
	Arrow Dow Jones Global Yield ETF	GYLD	12.42	20	7	4	6	7	7	11	11	18	20	22	24	24	24	23	25	22	16	21	U3	2	BR	BR	- 7	-4.03%	-2.76%	2.06%
	VictoryShares US Small Cap Volatility \ CSA		63.76	19	25	26	27	27	28	27	19	20	15	14	15	15	19	16	14	15	9	11	D3	4	BF	BF	- 68	-7.86%	-9.70%	-14.13%
EF-20	Socially Responsible/ESG				21	23	22	21	22	24	23	21	22	22	20	19	22	18	22	18	20	18	D3	4	BF	BF	- 6	-8.42%	-11.20%	-12.75%
	iShares ESG Aware MSCI USA ETF	ESGU	110.23	11,563	25	25	24	24	13	17	12	12	14	12	13	12	11	12	10	12	9	12	D3	2	BF	BF	- 114	-9.07%	-12.00%	-15.13%
	iShares ESG Aware MSCI EAFE ETF	ESGD	74.95	8,140	11	3	2	1	2	5	8	14	19	21	21	26	26	28	27	26	27	26	U3	4	BF	BF	- 1	-9.06%	-11.07%	-1.58%
	iShares ESG Aware MSCI EM ETF	ESGE	32.52	4,172	14	12	6	6	5	18	5	11	17	22	22	25	24	23	22	22	16	23	D1	1	BF	BF	- 67	-7.09%	-8.52%	-3.44%
	SPDR S&P 500 Fossil Fuel Reserves F	SPYX	41.44	1,809	24	24	24	23	13	13	11	12	14	12	13	13	11	12	10	12	9	13	D3	2	BF	BF	- 114	-8.96%	-12.10%	-14.54%
	iShares ESG Aware MSCI USA Small-Cap	ESML	34.75	1,585	28	28	28	28	29	29	19	19	15	14	14	14	15	14	14	15	9	10	D3	4	BF	BF	- 68	-9.69%	-12.08%	-18.23%
	Nuveen ESG Large-Cap Value ETF	NULV	36.98	1,522	17	17	18	17	17	5	12	18	18	18	18	19	17	22	21	22	19	21	D3	2	BF	BR	- 69	-7.57%	-9.21%	-6.64%
	Nuveen ESG Large-Cap Growth ETF	NULG	71.31	1,255	27	28	27	27	28	23	18	11	10	11	5	8	5	5	6	6	5	13	D3	4	BF	BF	- 115	-8.88%	-12.14%	-18.29%
	Nuveen ESG Small-Cap ETF	NUSC	34.75	996	28	28	29	29	29	28	28	20	18	13	16	16	21	16	19	17	15	17	D3	6	BF	BF	- 68	-9.72%	-12.34%	-18.08%
	iShares MSCI ACWI Low Carbon Target	CRBN	174.41	863	19	19	18	16	17	9	8	8	10	11	11	14	13	10	10	9	11	17	D2	3	BF	BF	- 72	-8.66%	-11.20%	-10.74%
	Global X S&P 500 Catholic Values Custom	CATH	61.19	773	24	25	24	23	21	14	8	8	8	8	7	6	6	5	10	12	9	12	D3	2	BF	BF	- 114	-8.64%	-11.75%	-14.37%
	Invesco Solar ETF	TAN	28.88	686	26	29	29	29	30	30	30	30	30	30	30	30	30	30	30	30	30	30	D3	6	BF	BF	+ 110	-6.87%	-12.03%	-17.84%
	Global X Conscious Companies ETF	KRMA	33.55	533	25	25	25	24	21	18	15	15	14	11	11	11	13	10	13	14	11	15	D3	3	BF	BF	- 71	-9.42%	-12.77%	-14.83%
	First Trust Nasdaq Clean Edge Green Index	QCLN	25.94	353	29	30	30	30	30	30	30	30	30	29	25	16	15	12	15	19	12	21	D3	5	BF	BF	+ 8	-9.96%	-13.62%	-28.31%
	Nuveen ESG Mid-Cap Growth ETF	NUMG	38.53	343	28	28	28	29	29	25	28	15	6	4	3	3	3	3	2	2	8		D3	4	BF	BF	- 30	-10.17%	-12.79%	-19.31%
	Nuveen ESG Mid-Cap Value ETF	NUMV	31.39	333	20	23	25	24	23	23	28	27	23	19	18	17	22	21	21	19	19	19	D3	5	BF	BF	- 69	-7.51%	-9.67%	-10.49%
	SPDR MSCI USA Gender Diversity ETF	SHE	103.73	218	20	20	20	19	17	9	10	10	12	12	14	15	12	13	13	13	10	14	D2	3	BF	BF	- 117	-8.49%	-11.23%	-10.87%
	Invesco WilderHill Clean Energy ETF	PBW	14.31	192	30	30	30	30	30	30	30	30	29	28	17	11	4	1	14	6	20	21	D3	6	BF	BF	- 9	-10.67%	-16.71%	-34.92%
	iShares MSCI Global Sustainable Development	SDG	68.72	165	16	19	19	16	16	28	28	30	30	30	30	30	30	30	30	30	29	30	D3	1	BF	BF	+ 18	-5.66%	-9.89%	-5.11%
	Inspire Small/Mid Cap ETF	ISMD	31.10	159	27	28	28	28	29	29	28	22	22	20	18	17	22	17	17	17	10	12	D3	5	BF	BF	+ 4	-9.04%	-11.86%	-17.63%
	Columbia U.S. ESG Equity Income ETF	ETI	42.13	143	15	15	11	9	10	13	12	19	21	20	18	17	19	22	20	22	15	20	D3	2	BF	BF	- 91	-6.90%	-7.87%	-4.98%
	Etho Climate Leadership U.S. ETF	ETHO	49.79	137	27	28	28	27	28	28	28	20	15	11	12	13	16	12	15	15	9	11	D3	5	BF	BF	- 67	-9.37%	-13.05%	-17.55%
	SPDR MSCI ACWI Climate Paris Aligned	NZAC	32.55	133	20	21	21	19	18	17	12	15	16	17	15	17	18	12	14	11	12	14	D3	4	BF	BF	- 71	-7.97%	-11.09%	-11.26%
	Invesco MSCI Sustainable Future ETF	ERTH	36.48	130	20	25	24	9	13	29	19	22	30	30	25	24	28	23	22	26	20	23	D3	13	BF	BF	+ 14	-6.71%	-9.50%	-11.92%
	First Trust Global Wind Energy ETF	FAN	14.22	123	17	19	9	9	13	30	30	30	30	30	30	30	30	30	30	30	30	30	U1	5	BF	BF	+ 18	-6.70%	-8.49%	-6.32%
	Inspire Global Hope ETF	BLES	34.68	114	18	17	11	9	10	17	19	20	22	24	22	22	24	23	22	22	16	20	D3	2	BF	BF	- 69	-8.16%	-10.21%	-7.22%
	AXS Change Finance ESG ETF	CHGX	33.62	114	22	24	24	23	20	17	18	17	14	13	12	15	15	13	14	11	15	18	D3	4	BF	BF	- 72	-8.24%	-11.39%	-12.30%
VanEck Low Carbon Energy ETF	SMOG	95.55	111	11	13	12	11	15	23	21	26	29	28	27	24	28	20	25	21	22	23	D2	1	BF	BF	- 43	-5.99%	-6.78%	-6.07%	
FlexShares Trust FlexShares STOXX Low ESG		121.73	107	20	20	21	21	13	9	10	11	12	11	13	12	12	13	11	13	9	13	D2	3	BF	BF	- 115	-8.94%	-11.78%	-12.04%	
FlexShares STOXX Global ESG Select	ESGG	154.48	77	18	17	14	9	7	9	9	11	13	13	15	16	15	18	15	18	13	18	D2	2	BF	BF	- 72	-8.69%	-11.82%	-8.40%	
SPDR MSCI Emerging Markets Fossil Fuel	EEMX	31.17	75	15	12	6	6	5	20	6	15	20	25	23	25	24	23	24	22	23	23	D1	1	BF	BF	- 68	-7.54%	-9.16%	-4.15%	
Invesco Global Clean Energy ETF	PBD	9.82	62	27	29	26	26	28	30	30	30	30	30	30	30	30	30	29	30	30	30	D3	22	BF	BF	+ 132	-8.82%	-13.91%	-18.58%	
Columbia International ESG Equity Income	ESGN	29.33	31	9	1	3	3	3	9	10	13	21	21	21	24	25	26	25	28	22	23	U3	4	BF	BF	- 6	-10.31%	-10.38%	-0.29%	
EF-21	Thematic				24	23	23	23	22	15	9	6	7	6	7	7	8	7	8	8	7	8	D3	2	BF	BF	- 7	-9.34%	-11.61%	-13.64%
	First Trust Capital Strength ETF	FTCS	83.97	8,002	14	17	11	9	9	11	19	22	22	21	23	22	23	23	19	20	15	19	D3	2	BF	BR	- 93	-5.24%	-7.41%	-4.08%
	Global X U.S. Infrastructure Development	PAVE	34.40	6,935	28	29	29	27	29	28	28	21	19	13	5	6	18	15	15	16	9	9	D3	6	BF	BF	- 124	-8.53%	-11.43%	-15.71%
	ARK Innovation ETF	ARKK	41.94	4,364	30	30	28	30	28	10	1	1	1	1	1	1	1	1	1	1	1	1	D3	1	BF	BF	- 7	-13.88%	-20.04%	-29.89%
	First Trust Nasdaq Clean Edge Smart Connect	GRID	104.57	1,846	25	26	23	23	27	30	19	22	29	24	14	19	19	21	21	21	15	18	D3	7	BF	BF	+ 5	-8.39%	-10.75%	-13.47%
	VanEck BDC Income ETF	BIZD	14.89	1,346	16	7	8	9	5	6	5	8	9	8	10	9	9	10	10	13	12	18	D2	1	BF	BR	- 115	-9.36%	-10.74%	-8.77%
	Franklin LibertyQ U.S. Equity ETF	FLQL	51.02	1,263	24	24	23	23	13	11	10	11	13	12	13	13	12	13	12	13	10	15	D3	1	BF	BF	- 121	-9.02%	-12.36%	-13.59%
	Invesco Buyback Achievers ETF	PKW	100.62	1,061	25	22	11	24	13	17	19	19	14	13	14	13	15	14	13	13	9	10	D3	4	BF	BF	- 93	-10.14%	-11.78%	-13.17%

			Relative Strength Ranking - RSR																				% Price Δ							
			MKT	04/04	03/28	03/21	03/14	03/07	02/28	02/21	02/14	02/07	01/31	01/24	01/17	01/10	01/03	12/31	12/27	12/20	12/13	TRIPLE	50	200						
Group or Corp		Ticker	Price	Cap(MM)	04	28	21	14	07	28	21	14	07	31	24	17	10	03	31	27	20	13	CYCLE	DAY	DAY	MACD	1 week	1 month	3 month	
EF-21	Thematic																													
	ROBO Global Robotics & Automation I	ROBO	45.45	815	29	27	24	20	17	22	6	7	6	5	2	7	8	10	13	17	13	17	D3	1	BF	BF	- 24	-13.08%	-19.80%	-20.49%
	Innovator U.S. Equity Power Buffer ETI	PJUL	38.07	805	16	19	19	18	17	13	11	15	13	13	14	12	8	10	8	10	10	16	D3	1	BF	BF	- 17	-5.01%	-7.08%	-7.87%
	First Trust US Equity Opportunities ETF	FPX	99.20	645	28	27	25	27	29	11	6	3	4	5	5	5	5	5	5	5	4	3	D2	3	BF	BF	- 69	-11.55%	-11.51%	-20.50%
	FCF US Quality ETF	TTAC	57.89	579	24	24	23	25	13	11	10	10	12	12	14	13	12	12	11	12	9	10	D3	2	BF	BF	- 121	-9.24%	-12.17%	-13.72%
	Goldman Sachs Hedge Industry VIP E' G	GVIP	105.43	266	26	25	21	23	27	5	3	3	3	4	1	2	2	3	3	3	10	12	D2	4	BF	BF	- 113	-10.54%	-11.89%	-16.77%
	ProShares S&P 500 Ex-Technology E	SPXT	83.11	186	18	19	11	9	13	9	10	12	12	11	13	12	12	13	12	13	10	13	D2	3	BF	BF	- 71	-8.04%	-10.02%	-9.73%
	AdvisorShares Focused Equity ETF	CWS	61.02	164	17	20	24	24	21	23	28	28	23	22	21	23	27	25	26	23	22	21	D3	4	BF	BF	- 71	-6.28%	-7.75%	-6.58%
	Renaissance IPO ETF	IPO	33.24	115	30	30	30	30	30	30	19	12	10	10	11	10	11	10	10	12	7	9	D3	4	BF	BF	- 101	-11.76%	-15.32%	-26.79%
	Global X Millennial Consumer ETF	MILN	38.84	102	25	23	21	23	17	2	2	1	1	1	1	1	1	1	5	6	4	5	D2	3	BF	BR	- 71	-9.57%	-13.17%	-14.45%
	American Customer Satisfaction ETF	ACSI	55.06	85	18	19	21	21	17	4	6	5	5	2	5	7	3	5	3	3	9	11	D2	3	BF	BF	- 72	-6.79%	-9.05%	-9.87%
	Pacer American Energy Independence	USAI	36.12	85	16	2	4	6	13	6	8	8	8	8	5	3	4	4	6	7	5	5	D1	5	BF	BR	- 92	-12.18%	-6.15%	-10.72%
	Impact Shares YWCA Women's Empo	WOMN	34.49	55	20	19	11	9	10	9	10	12	14	12	16	16	15	15	13	15	11	14	D3	1	BF	BF	- 117	-9.33%	-12.16%	-10.86%
	ProShares S&P 500 Ex-Energy ETF	SPXE	54.49	54	24	25	24	23	13	13	11	12	13	12	13	12	11	12	10	12	9	13	D3	2	BF	BF	- 114	-8.80%	-12.13%	-14.50%
Principal Quality ETF	PSET	59.66	54	26	27	27	26	27	28	19	16	15	13	13	12	12	13	12	13	10	16	D3	3	BF	BF	+ 2	-9.05%	-12.84%	-17.20%	
Pacer US Export Leaders ETF	PEXL	39.84	38	29	26	26	26	26	28	19	22	22	19	15	16	19	22	22	22	16	21	D3	5	BF	BF	- 68	-12.59%	-16.19%	-18.51%	
Point Bridge America First ETF	MAGA	44.14	28	18	18	20	19	18	12	20	19	17	15	13	11	20	20	20	19	20	19	D3	4	BF	BR	- 70	-7.94%	-8.77%	-7.62%	
ProShares Equities for Rising Rates E	EQRR	52.35	10	19	14	11	9	13	10	13	19	21	19	18	14	18	22	22	25	17	19	D3	2	BF	BF	- 27	-10.62%	-9.86%	-8.33%	
AdvisorShares Vice ETF	VICE	29.45	6	16	18	19	15	8	4	3	3	6	13	15	16	22	11	9	10	13	13	D2	2	BF	BR	- 64	-6.59%	-9.72%	-6.68%	
EF-22	Alpha				17	20	20	20	20	18	20	16	16	18	18	17	13	14	13	12	12	15	D3	4	BF	BF	- 17	-6.40%	-7.53%	-8.61%
	VanEck Morningstar Wide Moat ETF	MOAT	78.72	11,954	26	25	25	25	19	28	28	30	29	19	18	18	22	21	17	14	16	19	D3	8	BF	BF	- 70	-10.23%	-14.98%	-15.04%
	IQ Hedge Multi-Strategy Tracker ETF	QAI	30.12	663	10	16	14	16	17	17	15	17	15	17	18	16	11	11	15	16	14	20	D2	4	BF	BF	- 117	-3.92%	-4.40%	-4.83%
	Innovator Laddered Allocation Power B	BUFF	41.68	542	15	18	18	16	17	11	11	15	13	13	16	14	8	10	9	11	11	17	D3	1	BF	BF	- 17	-5.27%	-6.99%	-7.77%
	ProShares Large Cap Core Plus	CSM	57.35	397	24	23	11	21	13	13	12	12	14	12	13	13	12	13	12	13	10	15	D3	2	BF	BF	- 72	-9.69%	-12.51%	-13.94%
	Invesco Raymond James SB-1 Equity	RYJ	64.11	98	18	19	21	19	17	14	13	17	16	17	16	17	22	21	20	17	18	19	D3	3	BF	BF	- 69	-7.70%	-10.12%	-7.48%
	Hull Tactical US ETF	HTUS	32.00	68	26	25	25	25	25	17	11	12	11	11	11	11	8	9	8	7	12	14	D3	3	BF	BF	- 73	-11.72%	-13.69%	-16.80%
	AdvisorShares Ranger Equity Bear ETI	HDGE	19.32	58	1	1	1	1	4	5	28	30	29	30	30	30	23	29	28	29	29	30	U3	3	AR	AR	+ 38	8.17%	13.65%	19.50%
	Innovator IBD 50 ETF	FFTY	24.38	57	26	25	24	26	30	19	6	1	1	3	1	1	2	1	6	8	5	5	D3	1	BF	BF	- 23	-10.50%	-8.72%	-18.54%
	AdvisorShares Insider Advantage ETF	SURE	101.31	41	25	25	26	27	26	24	26	23	20	18	17	14	20	17	19	17	19	19	D3	5	BF	BF	- 95	-8.50%	-10.86%	-13.82%
	Global X Guru Index ETF	GURU	43.92	40	23	21	21	21	18	4	4	3	2	2	2	3	2	3	9	10	6	7	D2	4	BF	BR	- 69	-9.50%	-11.26%	-13.10%
	ProShares Merger ETF	MRGR	41.15	10	6	7	8	7	7	10	12	18	16	18	19	16	11	16	15	16	16	22	D1	1	BF	AR	- 88	-1.49%	-1.63%	0.27%
EF-23	Convertible Preferred				13	19	17	17	19	21	24	23	23	23	21	20	21	15	22	21	18	19	D3	4	BF	BF	- 7	-3.68%	-4.57%	-6.30%
	iShares Preferred & Income Securities	PFF	29.42	13,627	15	10	11	9	13	17	19	22	22	24	23	24	19	18	22	20	18	21	D3	3	BF	BR	+ 7	-4.10%	-4.78%	-6.67%
	Invesco Preferred ETF	PGX	11.08	4,106	10	19	11	9	13	17	19	22	29	24	25	24	25	20	26	22	22	23	D3	2	BF	BR	+ 11	-2.12%	-3.35%	-4.70%
	SPDR Bloomberg Convertible Securitie	CWB	72.83	3,561	15	10	11	9	13	13	11	12	13	12	13	12	11	12	11	12	8	11	D2	3	BF	BR	- 68	-5.21%	-5.97%	-7.42%
	iShares Convertible Bond ETF	ICVT	79.98	2,403	15	10	11	9	13	13	10	12	13	12	14	12	11	12	12	12	9	11	D2	3	BF	BR	- 68	-4.57%	-5.46%	-6.84%
	Invesco Variable Rate Preferred ETF	VRP	23.60	1,999	7	10	8	7	9	11	13	20	17	19	21	17	12	14	15	16	15	21	D1	1	BF	BR	- 92	-2.72%	-2.59%	-2.17%
	SPDR ICE Preferred Securities ETF	PSK	31.68	838	10	10	11	9	13	17	19	22	29	24	25	24	25	21	27	22	22	23	D3	2	BF	BR	+ 12	-2.01%	-3.17%	-4.98%
	Invesco Financial Preferred ETF	PGF	14.07	788	10	19	11	9	13	17	19	22	29	24	25	24	25	21	27	22	22	23	D3	2	BF	BF	+ 12	-2.02%	-3.20%	-4.59%
	Global X SuperIncome Preferred ETF	SPFF	8.46	128	17	20	11	9	13	17	19	22	22	24	22	20	19	16	22	20	15	19	D3	7	BF	BR	+ 4	-5.50%	-6.38%	-9.41%
	Innovator S&P Investment Grade Prefe	EPRF	17.23	85	15	21	11	9	13	25	19	22	29	24	25	24	27	22	28	22	21	22	D3	3	BF	BR	+ 12	-2.71%	-4.17%	-6.59%
	InfraCap REIT Preferred ETF	PFFR	17.62	84	11	18	16	9	13	17	19	22	22	24	25	24	19	16	22	20	16	21	D3	1	BF	BR	+ 6	-3.49%	-4.39%	-5.79%
	First Trust SSI Strategic Convertible Se	FCVT	32.88	69	18	22	11	22	13	17	12	12	13	12	13	12	11	12	12	11	8	11	D3	2	BF	BF	- 67	-6.06%	-6.82%	-10.93%

		Relative Strength Ranking - RSR																				% Price Δ									
		MKT	04/04	03/28	03/21	03/14	03/07	02/28	02/21	02/14	02/07	01/31	01/24	01/17	01/10	01/03	12/31	12/27	12/20	12/13	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month				
Group or Corp		Ticker	Price	Cap(MM)																											
SECTORS (US)																															
EF-24	Consumer Discr.				23	26	28	28	26	23	23	12	11	5	11	9	9	8	6	6	4	3	D3	4	BF	BF	- 16	-6.21%	-10.04%	-13.97%	
	Consumer Discretionary Select Sector	XLY	182.79	18,225	26	27	28	28	26	17	10	9	9	6	7	5	5	4	3	3	2	4	D3	1	BF	BR	- 72	-7.23%	-10.88%	-18.85%	
	Vanguard Consumer Discretionary ETF	VCR	300.73	5,148	26	28	30	29	29	17	12	10	10	6	7	6	5	5	4	4	3	4	D3	2	BF	BF	- 71	-7.79%	-10.98%	-20.63%	
	iShares U.S. Home Construction ETF	ITB	92.55	2,402	25	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	26	21	D3	13	BF	BF	+ 14	-1.93%	-6.76%	-9.80%	
	Fidelity MSCI Consumer Discretionary	FDIS	78.26	1,616	26	29	30	29	29	17	12	10	10	6	7	6	5	5	3	4	3	4	D3	2	BF	BF	- 71	-7.49%	-10.92%	-20.38%	
	SPDR S&P Homebuilders ETF	XHB	92.87	1,314	26	30	30	30	30	30	30	30	30	30	25	29	30	30	30	29	21	19	D3	13	BF	BF	+ 13	-3.36%	-8.55%	-11.07%	
	iShares U.S. Consumer Discretionary E	IYC	81.48	1,202	23	25	27	27	13	9	9	8	8	7	8	7	5	6	4	5	3	5	D3	1	BF	BR	- 71	-7.45%	-10.76%	-15.71%	
	First Trust Consumer Discretionary Alp	FXD	53.04	416	27	29	29	30	28	26	19	12	14	12	13	13	11	13	10	11	8	10	D3	3	BF	BF	+ 3	-7.55%	-12.40%	-17.82%	
	SPDR S&P Retail ETF	XRT	64.89	357	26	29	30	30	30	30	30	20	22	14	15	18	11	13	10	11	8	11	D3	3	BF	BF	+ 4	-5.33%	-9.31%	-18.35%	
	Invesco Dynamic Leisure & Entertainm	PEJ	43.48	275	26	25	25	27	13	6	7	6	5	6	9	9	7	7	6	7	5	5	D2	3	BF	BF	- 66	-10.72%	-14.00%	-17.36%	
	VanEck Retail ETF	RTH	214.00	221	12	17	19	19	12	3	6	4	3	1	3	4	2	5	3	4	10	11	D2	3	BF	BR	- 73	-4.13%	-6.35%	-5.28%	
	Invesco S&P 500 Equal Weight Consu	RCD	46.17	181	22	26	26	26	13	10	12	11	13	12	13	12	11	12	9	9	6	9	D3	2	BF	BF	- 67	-6.78%	-11.89%	-13.13%	
	iShares U.S. Consumer Focused ETF	IEDI	48.01	29	18	25	27	27	13	9	11	9	10	10	13	12	10	11	9	10	6	8	D3	1	BF	BF	- 71	-4.72%	-8.55%	-10.49%	
	First Trust Nasdaq Food & Beverage E	FTXG	22.93	25	7	14	11	9	9	27	19	30	30	30	30	30	30	29	28	29	22	26	U1	5	AR	BF	+ 16	-2.09%	-3.62%	0.31%	
Invesco S&P SmallCap Consumer Discr	PSCD	85.47	19	29	30	30	30	30	30	30	22	22	12	14	17	15	16	14	14	9	11	D3	4	BF	BF	+ 4	-6.92%	-11.84%	-21.50%		
First Trust Nasdaq Retail ETF	ISHP	32.63	7	18	16	12	7	2	2	2	1	1	1	3	3	2	2	1	1	1	1	D2	1	BF	BR	- 69	-9.61%	-13.88%	-8.79%		
EF-25	Consumer Staples				8	15	20	19	11	14	18	27	28	27	27	27	28	24	23	22	22	17	D3	1	BF	BR	- 3	-2.35%	-4.36%	-1.28%	
	Consumer Staples Select Sector SPDF	XLP	78.46	16,188	7	12	11	9	6	9	11	22	22	24	25	29	28	23	21	21	15	21	D3	1	BR	BR	- 5	-2.43%	-4.81%	0.70%	
	Vanguard Consumer Staples ETF	VDC	210.74	7,157	7	13	11	9	6	8	10	16	18	22	25	24	23	22	17	17	12	18	D2	1	BR	BR	- 65	-2.22%	-4.78%	0.36%	
	iShares U.S. Consumer Staples ETF	IYK	69.06	1,481	3	3	6	6	4	8	10	22	29	24	30	29	29	28	25	26	21	23	U3	1	AR	AR	- 4	-2.17%	-3.02%	6.03%	
	FIDELITY COVINGTON TRUST MSCI	FSTA	49.27	1,251	7	12	18	9	6	8	10	16	18	22	25	24	23	22	17	17	13	18	D2	1	BR	BR	- 65	-2.20%	-4.61%	0.48%	
	First Trust Consumer Staples AlphaDE	FXG	63.36	282	9	16	23	22	13	26	19	30	30	24	30	29	29	28	26	26	16	21	D3	2	BF	BF	+ 13	-1.98%	-3.08%	-0.75%	
	Invesco S&P 500 Equal Weight Consu	RHS	29.70	261	7	13	11	9	8	17	19	30	30	30	30	30	29	28	25	25	18	23	U1	5	BR	BF	+ 16	-2.46%	-4.29%	-0.21%	
	Invesco Dynamic Food & Beverage ET	PBJ	44.08	89	12	20	24	25	13	17	19	22	22	19	25	24	24	19	20	19	12	19	D3	5	BF	BF	+ 4	-2.75%	-3.56%	-5.73%	
Invesco S&P SmallCap Consumer Staj	PSCC	33.94	45	17	25	28	27	13	29	28	22	29	24	23	22	23	15	15	14	7	15	D3	4	BF	BF	+ 5	-2.56%	-6.72%	-10.61%		
EF-26	Communications				21	19	17	18	8	3	2	2	1	1	1	2	1	1	1	1	1	D2	3	BF	BR	- 16	-9.60%	-13.54%	-13.18%		
	Communication Services Select Sector	XLC	87.23	18,371	18	16	9	9	5	6	5	6	7	7	9	10	8	8	6	7	5	7	D2	1	BF	BR	- 112	-8.89%	-12.76%	-10.62%	
	Vanguard Communication Services ET	VOX	134.43	3,954	23	22	11	9	8	7	7	6	7	6	8	9	6	7	6	7	5	7	D2	2	BF	BF	- 111	-9.23%	-14.02%	-14.44%	
	Fidelity MSCI Communication Services	FCOM	50.92	1,248	23	22	19	9	8	7	7	6	6	6	8	9	6	7	6	7	5	7	D2	3	BF	BF	- 111	-9.14%	-14.13%	-14.47%	
	iShares U.S. Telecommunications ETF	IYZ	24.88	331	16	7	8	9	5	6	7	8	9	10	8	9	7	6	5	6	4	5	D2	1	BF	BR	- 37	-8.86%	-11.12%	-7.82%	
	SPDR S&P Telecom ETF	XTL	88.62	111	26	24	11	21	13	11	9	9	9	12	9	9	7	5	5	4	3	4	D3	1	BF	BR	- 41	-11.89%	-15.67%	-18.54%	
EF-27	Energy				26	14	16	20	27	21	12	17	21	21	10	1	3	15	23	28	29	27	D3	1	BF	BF	- 6	-14.80%	-10.88%	-15.41%	
	Energy Select Sector SPDR Fund	XLE	78.76	28,080	20	4	6	9	13	11	12	22	22	24	18	11	15	23	28	29	22	23	D3	1	BF	BF	- 6	-14.79%	-9.21%	-9.26%	
	Vanguard Energy ETF	VDE	109.38	6,634	21	4	7	9	13	17	16	22	22	24	16	10	13	22	28	29	21	22	D3	2	BF	BF	- 24	-14.81%	-9.12%	-11.02%	
	SPDR S&P Oil & Gas Exploration & Pr	XOP	106.71	1,819	29	19	11	26	30	29	19	22	29	24	14	9	10	20	28	30	22	26	D3	5	BF	BF	+ 35	-18.34%	-12.43%	-20.83%	
	Fidelity MSCI Energy Index ETF	FENY	21.57	1,310	21	4	6	9	13	17	13	22	22	24	16	10	13	22	27	29	20	22	D3	1	BF	BF	- 1	-14.68%	-8.92%	-10.87%	
	iShares U.S. Energy ETF	IYE	41.70	1,115	20	4	6	9	13	12	13	22	22	24	18	10	14	22	28	29	21	22	D3	1	BF	BF	- 24	-14.37%	-8.80%	-9.80%	
	VanEck Oil Services ETF	OIH	207.77	904	30	25	27	29	30	30	28	27	29	28	17	5	22	25	28	30	30	29	D3	7	BF	BF	+ 36	-20.50%	-18.81%	-25.61%	
	United States Oil Fund LP	USO	67.92	810	17	14	17	20	24	15	15	17	14	6	5	1	1	3	9	20	23	24	D2	5	BF	BF	- 7	-9.16%	-5.78%	-12.83%	
	iShares U.S. Oil & Gas Exploration & P	IEO	77.60	462	26	13	14	9	28	17	18	22	22	24	16	11	13	23	29	30	25	26	D3	5	BF	BF	+ 35	-16.77%	-10.94%	-15.10%	
	Invesco S&P 500 Equal Weight Energy	RYE	67.67	424	26	7	7	9	13	11	10	17	22	23	13	8	11	20	28	29	22	23	D2	2	BF	BF	- 22	-16.43%	-11.66%	-13.30%	
	United States Natural Gas Fund LP	UNG	20.04	386	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	28	U3	14	BR	AR	- 1	-6.05%	-13.58%	28.54%	
	First Trust Natural Gas ETF	FCG	20.33	324	28	13	11	21	30	25	13	17	22	21	13	8	7	14	27	29	21	26	D3	1	BF	BF	+ 4	-17.49%	-9.77%	-18.69%	
	First Trust Energy AlphaDEX Fund	FXN	13.39	271	29	17	11	24	29	25	19	21	22	24	14	9	11	20	28	29	24	26	D3	5	BF	BF	+ 32	-18.00%	-13.11%	-19.83%	

			Relative Strength Ranking - RSR																				% Price Δ								
Group or Corp	Ticker	Price	MKT Cap(MM)	04/04	03/28	03/21	03/14	03/07	02/28	02/21	02/14	02/07	01/31	01/24	01/17	01/10	01/03	12/31	12/27	12/20	12/13	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month			
				04	28	21	14	07	28	21	14	07	31	24	17	10	03	31	27	20	13										
EF-27 Energy	Invesco DB Oil Fund	DBO	12.81	175	17	16	19	21	25	15	17	19	16	7	5	1	1	5	9	20	22	25	D2	5	BF	BF	- 4	-8.30%	-5.88%	-12.80%	
	SPDR S&P Oil & Gas Equipment & Services	XES	55.64	140	30	29	30	30	30	30	30	22	30	24	15	11	19	23	30	30	28	30	D3	7	BF	BF	+ 31	-22.01%	-19.81%	-31.64%	
	First Trust Nasdaq Oil & Gas ETF	FTXN	24.94	131	26	11	9	9	28	17	19	22	22	24	16	10	13	22	28	29	22	24	D3	6	BF	BF	+ 9	-16.67%	-11.24%	-14.93%	
	iShares U.S. Oil Equipment & Services	IEZ	15.57	121	29	22	26	27	29	28	19	19	22	23	14	10	18	23	29	30	26	29	D3	5	BF	BF	+ 33	-19.73%	-18.08%	-23.42%	
	United States Brent Oil Fund LP	BNO	27.60	86	16	13	16	19	24	15	12	16	13	8	7	1	1	6	14	21	24	26	D2	4	BF	BF	- 7	-8.55%	-4.89%	-10.77%	
	United States Gasoline Fund LP	UGA	58.19	76	15	13	18	21	28	17	11	11	6	12	14	4	2	7	14	24	25	24	D2	5	BF	BF	- 6	-7.31%	-1.32%	-9.64%	
	Invesco Dynamic Energy Exploration & Production	PXE	23.67	70	29	19	11	26	30	29	19	22	29	24	17	10	12	22	28	30	25	29	D3	6	BF	BF	+ 35	-18.46%	-12.33%	-21.23%	
	Invesco S&P SmallCap Energy ETF	PSCE	33.13	54	30	30	30	30	30	30	30	30	30	30	30	21	12	14	22	30	30	24	29	D3	8	BF	BF	+ 35	-20.74%	-16.13%	-33.05%
	Invesco DB Energy Fund	DBE	17.74	51	10	4	6	13	8	4	3	6	8	8	4	1	1	6	9	20	22	26	D1	4	BF	BF	- 1	-7.29%	-5.64%	-5.71%	
	Invesco DWA Energy Momentum ETF	PXI	36.30	44	29	21	24	27	30	28	19	22	22	24	14	9	12	17	28	29	18	21	D3	5	BF	BF	+ 5	-16.38%	-11.47%	-20.40%	
	United States 12 Month Oil Fund LP	USL	34.06	41	17	16	19	21	25	22	17	18	17	13	11	4	1	6	12	22	24	25	D2	5	BF	BF	- 7	-8.34%	-5.76%	-12.40%	
	Invesco Dynamic Oil & Gas Services E	PXJ	20.53	26	30	27	29	30	30	30	30	22	29	24	19	12	15	23	29	30	28	29	D3	7	BF	BF	+ 30	-19.99%	-17.76%	-28.26%	
EF-28 Energy - MLP	Energy - MLP			10	1	1	2	6	1	2	3	2	2	1	1	1	1	2	5	6	5	D1	2	BF	BR	- 8	-10.23%	-5.38%	-4.51%		
	Alerian MLP ETF	AMLP	47.02	9,806	9	1	1	1	2	1	2	3	8	9	9	8	9	12	14	15	11	14	D1	1	BF	BR	- 226	-9.70%	-6.58%	-1.80%	
	First Trust North American Energy Infrastructure MLP	EMLP	34.55	3,030	9	3	5	5	8	6	8	10	10	11	9	7	7	9	9	10	7	9	D1	2	BF	AR	- 72	-7.45%	-3.79%	-3.47%	
	Global X MLP & Energy Infrastructure MLP	MLPX	56.83	2,479	14	1	1	2	9	1	3	4	2	9	5	4	4	6	7	8	6	6	D1	4	BF	BR	- 93	-11.06%	-5.28%	-7.13%	
	Global X MLP ETF	MLPA	49.16	1,748	7	1	1	1	2	1	2	3	1	8	9	7	8	11	13	15	10	14	D1	1	BF	AR	- 226	-8.06%	-4.67%	-0.14%	
	Tortoise North American Pipeline Fund	TPYP	32.81	676	10	1	4	5	8	6	8	10	10	11	7	4	5	6	8	9	6	7	D1	1	BF	AR	- 90	-9.65%	-4.10%	-5.03%	
	InfraCap MLP ETF	AMZA	40.53	388	16	1	1	3	5	3	4	5	5	6	5	4	5	10	10	15	8	9	D1	2	BF	BR	- 169	-14.92%	-9.89%	-5.34%	
	Alerian Energy Infrastructure ETF	ENFR	29.46	281	12	1	1	2	12	2	3	4	9	9	6	6	4	5	6	7	9	6	6	D1	4	BF	BR	- 94	-10.27%	-4.23%	-6.39%
	VanEck Energy Income ETF	EINC	89.28	77	14	1	1	3	13	2	3	4	2	9	6	4	5	6	8	9	6	6	D1	5	BF	BR	- 94	-10.70%	-4.61%	-7.04%	
EF-29 Financials	Financials			24	20	21	22	22	4	11	7	3	4	5	4	14	5	3	4	4	2	D3	2	BF	BR	- 17	-10.67%	-11.14%	-12.86%		
	Financial Select Sector SPDR Fund	XLF	44.20	45,943	18	11	8	9	9	5	8	8	8	8	10	9	11	10	8	10	7	9	D2	2	BF	BR	- 71	-10.18%	-9.69%	-8.70%	
	Vanguard Financials ETF	VFH	105.71	10,632	20	16	11	9	10	6	9	8	8	7	9	8	10	10	8	9	6	7	D2	2	BF	BR	- 72	-10.44%	-10.56%	-10.72%	
	iShares U.S. Financials ETF	IYF	99.84	3,295	19	15	14	9	13	6	9	9	8	8	9	8	11	11	9	10	6	8	D2	2	BF	BR	- 89	-10.61%	-10.14%	-10.21%	
	Invesco KBW Bank ETF	KBWB	53.50	3,117	28	25	23	26	13	6	7	7	5	5	6	5	8	7	6	7	5	5	D2	3	BF	BR	- 69	-13.64%	-15.28%	-18.50%	
	SPDR S&P Regional Banking ETF	KRE	49.26	3,084	29	26	27	27	28	11	17	11	9	9	11	10	15	12	10	11	5	4	D3	3	BF	BR	- 69	-12.68%	-14.04%	-18.10%	
	Fidelity MSCI Financials Index ETF	FNCL	61.46	1,911	20	15	15	9	10	6	9	8	8	8	9	8	10	10	8	9	6	7	D2	2	BF	BR	- 72	-10.57%	-10.56%	-10.84%	
	First Trust Financials AlphaDEX Fund	FXO	46.92	1,884	24	20	11	21	13	9	18	12	11	9	11	10	13	11	9	11	6	7	D3	2	BF	BR	- 70	-10.82%	-11.01%	-13.55%	
	SPDR S&P Bank ETF	KBE	46.58	1,614	27	25	26	26	27	10	18	12	9	10	13	10	18	13	12	12	5	5	D3	3	BF	BR	- 70	-11.31%	-12.71%	-15.70%	
	iShares US Financial Services ETF	IYG	69.09	1,492	20	16	14	9	10	5	7	7	6	6	7	7	9	8	6	8	5	6	D2	2	BF	BR	- 70	-11.05%	-11.01%	-11.65%	
	iShares U.S. Broker-Dealers & Securities	IAI	123.93	1,103	25	20	18	23	13	6	7	5	5	5	5	5	8	6	5	6	4	4	D2	3	BF	BR	- 71	-11.10%	-12.49%	-14.87%	
	SPDR S&P Insurance ETF	KIE	55.38	955	9	3	6	6	6	7	19	22	14	18	23	17	24	16	14	15	11	11	U3	2	BF	BR	- 89	-7.93%	-5.74%	-1.47%	
	iShares U.S. Insurance ETF	IAK	125.33	721	9	2	4	4	5	6	19	22	20	21	25	19	24	19	15	17	12	13	U3	2	BF	BR	- 88	-7.97%	-6.17%	-0.11%	
	iShares U.S. Regional Banks ETF	IAT	40.05	609	29	28	28	29	29	17	19	13	11	10	11	9	12	11	10	11	5	5	D3	3	BF	BF	- 69	-12.93%	-15.32%	-20.80%	
	SPDR S&P Capital Markets ETF	KCE	110.90	413	28	26	27	28	28	11	11	10	8	7	8	8	10	7	5	7	4	5	D3	2	BF	BR	- 91	-11.78%	-13.86%	-20.02%	
	Invesco KBW Property & Casualty Insurance	KBWP	114.37	374	7	1	6	5	7	9	28	30	22	24	25	21	24	16	14	14	10	11	U2	4	BR	AR	- 81	-7.26%	-3.22%	-0.31%	
	Invesco S&P 500 Equal Weight Financials	RYF	64.36	275	20	17	11	9	13	8	12	13	11	9	12	10	12	11	9	11	7	8	D3	1	BF	BR	- 71	-10.06%	-10.52%	-11.05%	
	First Trust Nasdaq Bank ETF	FTXO	25.92	192	29	25	26	27	26	8	10	8	7	7	8	6	10	10	8	9	5	5	D3	1	BF	BF	- 69	-13.73%	-15.01%	-19.15%	
	First Trust NASDAQ ABA Community Bank	QABA	46.86	112	26	25	27	26	27	17	19	13	12	12	16	15	24	16	13	12	5	5	D3	4	BF	BR	- 39	-10.07%	-11.70%	-14.54%	
	Invesco DWA Financial Momentum ETF	PFI	47.95	57	26	27	28	29	29	13	19	9	9	10	10	10	18	12	11	12	7	6	D3	3	BF	BR	- 70	-9.23%	-10.67%	-16.48%	
	Invesco KBW Regional Banking ETF	KBWR	48.94	44	28	26	27	27	28	13	19	12	9	10	13	11	19	13	12	12	5	5	D3	3	BF	BR	- 38	-12.13%	-13.69%	-17.87%	
	Invesco S&P SmallCap Financials ETF	PSCF	48.07	18	24	25	26	26	26	17	19	20	15	18	21	19	27	17	15	15	7	9	D3	5	BF	BR	- 69	-8.51%	-10.17%	-13.06%	

			Relative Strength Ranking - RSR																				% Price Δ							
			MKT	04/	03/	03/	03/	03/	02/	02/	02/	02/	01/	01/	01/	01/	01/	12/	12/	12/	12/	TRIPLE	50	200						
Group or Corp		Ticker	Price	Cap(MM)	04	28	21	14	07	28	21	14	07	31	24	17	10	03	31	27	20	13	CYCLE	DAY	DAY	MACD	1 week	1 month	3 month	
EF-30	Healthcare				22	24	22	23	23	28	27	29	28	24	26	29	28	28	28	29	28	29	D3	4	BF	BF	- 4	-8.40%	-11.59%	-11.25%
	Health Care Select Sector SPDR Fund XLV	135.28	35,587	14	14	8	9	7	11	19	22	22	24	25	30	29	29	29	28	29	28	29	D2	1	BF	BF	+ 17	-6.39%	-9.03%	-2.27%
	Vanguard Health Care ETF	VHT	244.93	15,234	16	17	11	9	9	13	19	22	22	24	25	29	28	29	28	29	28	28	D3	1	BF	BF	+ 17	-6.84%	-9.49%	-4.21%
	iShares Biotechnology ETF	IBB	117.16	5,272	26	25	23	21	13	27	19	30	29	24	25	30	29	29	28	29	27	26	D3	3	BF	BF	+ 16	-10.08%	-14.37%	-12.59%
	SPDR S&P BIOTECH ETF	XBI	73.66	4,617	29	29	28	27	30	30	30	30	30	30	30	30	30	29	28	29	27	22	D3	15	BF	BF	+ 14	-12.73%	-15.62%	-20.29%
	iShares U.S. Medical Devices ETF	IHI	55.00	4,205	17	17	18	9	7	6	7	9	9	9	10	11	11	16	14	16	14	19	D2	2	BF	BF	- 65	-7.44%	-11.13%	-6.96%
	iShares U.S. Healthcare ETF	IYH	56.29	2,947	16	17	15	9	9	13	19	22	22	24	25	29	28	29	28	29	28	29	D3	1	BF	BF	+ 17	-6.76%	-9.70%	-4.16%
	Fidelity MSCI Health Care Index ETF	FHLC	63.24	2,504	16	17	15	9	9	17	19	22	22	24	25	29	28	29	28	29	28	28	D3	1	BF	BF	+ 17	-6.64%	-9.33%	-4.09%
	First Trust NYSE Arca Biotechnology Ir FBT		152.75	1,001	19	21	20	16	9	5	6	15	9	4	7	14	6	18	20	18	20	19	D2	3	BF	BR	- 43	-7.34%	-12.20%	-9.07%
	First Trust Health Care AlphaDEX Func FXH		96.51	898	18	22	11	22	13	27	19	22	22	19	23	24	23	28	25	26	22	23	D3	4	BF	BF	+ 14	-6.41%	-9.48%	-8.09%
	Invesco S&P 500 Equal Weight Health RYH		27.62	737	17	19	11	9	10	17	19	30	22	20	23	24	24	29	27	29	26	26	D3	2	BF	BF	+ 17	-6.59%	-9.87%	-6.52%
	iShares U.S. Healthcare Providers ETF IHF		51.48	654	6	11	15	9	13	29	30	22	30	24	25	30	30	30	30	30	30	29	U2	1	BF	BF	+ 18	-1.65%	-0.46%	5.94%
	VanEck Pharmaceutical ETF	PPH	83.89	595	13	8	6	7	5	8	19	30	29	24	30	30	29	29	28	29	28	29	U3	1	BR	BF	- 3	-6.92%	-10.72%	-2.57%
	VanEck Biotech ETF	BBH	145.87	339	19	20	19	16	17	23	25	30	29	28	30	30	29	30	30	29	30	30	D3	2	BF	BF	+ 20	-7.93%	-12.12%	-7.98%
	Invesco Dynamic Pharmaceuticals ETf PJP		78.60	237	16	16	9	9	9	12	18	22	21	22	25	28	25	23	25	27	22	22	D3	1	BF	BF	- 6	-6.68%	-8.87%	-5.36%
	Invesco Dynamic Biotechnology & Gen PBE		59.05	214	23	25	11	22	25	29	19	22	29	23	24	24	19	23	25	25	22	21	D3	7	BF	BF	+ 10	-7.95%	-10.40%	-12.64%
	SPDR S&P Health Care Equipment ET XHE		75.11	160	26	27	28	27	27	27	24	20	11	5	6	10	6	12	17	14	16	19	D3	2	BF	BF	- 62	-8.23%	-12.55%	-16.51%
	Invesco S&P SmallCap Health Care ET PSCH		39.45	149	21	26	27	28	28	29	19	12	15	12	17	23	18	22	21	20	15	18	D3	4	BF	BF	+ 3	-5.64%	-8.33%	-12.71%
	SPDR S&P Pharmaceuticals ETF	XPH	38.56	145	23	23	11	21	13	17	19	22	22	19	20	24	23	23	21	22	17	17	D3	2	BF	BF	- 35	-8.84%	-12.91%	-10.05%
	Invesco DWA Healthcare Momentum ET PTH		35.91	102	26	28	27	29	30	30	30	20	29	29	30	30	30	30	30	30	30	30	D3	4	BF	BF	- 5	-7.80%	-8.85%	-13.24%
SPDR S&P Health Care Services ETF XHS		94.00	85	7	7	8	9	9	10	10	11	14	10	13	18	19	27	27	28	21	22	D1	2	BF	BR	- 10	-3.48%	-3.04%	2.22%	
ALPS Medical Breakthroughs ETF	SBIO	25.07	72	30	30	30	30	30	30	30	30	30	30	30	30	30	30	29	30	29	28	D3	14	BF	BF	- 66	-15.33%	-18.04%	-25.85%	
Virtus LifeSci Biotech Products ETF	BBP	53.37	19	25	20	20	21	24	27	19	26	29	26	21	29	28	26	27	27	27	27	D3	3	BF	BF	- 5	-11.44%	-11.89%	-12.60%	
First Trust Nasdaq Pharmaceuticals ET FTXH		25.00	14	18	17	8	7	6	13	19	30	29	24	25	29	26	28	26	28	26	25	D3	1	BF	BF	+ 15	-8.32%	-12.27%	-7.47%	
Virtus LifeSci Biotech Clinical Trials ET IBBC		15.32	8	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	D3	16	BF	BF	- 66	-17.90%	-23.75%	-38.53%	
Loncar Cancer Immunotherapy ETF	CNCR	8.42	7	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	D3	6	BF	BF	- 6	-14.69%	-24.11%	-35.38%	
EF-31	Materials				20	17	20	17	20	26	26	24	25	26	25	25	29	29	29	29	28	26	D3	2	BF	BF	- 1	-10.11%	-10.37%	-6.05%
	iShares Silver Trust	SLV	27.08	13,283	10	1	2	1	2	17	3	8	8	13	21	21	12	24	28	26	24	23	U3	3	BF	BF	- 1	-12.65%	-8.48%	0.37%
	Sprott Physical Gold and Silver Trust U CEF	26.52	5,159	1	1	1	1	1	4	2	4	2	4	11	11	2	16	20	19	15	17	U3	12	BR	AR	+ 11	-5.56%	-0.93%	10.00%	
	Materials Select Sector SPDR Fund	XLB	77.88	4,838	21	23	24	23	13	27	29	22	29	24	25	27	30	30	29	29	25	24	D3	2	BF	BF	+ 14	-8.43%	-10.90%	-5.94%
	Vanguard Materials ETF	VAW	171.02	2,397	24	25	26	24	13	28	29	22	29	24	25	24	30	30	28	29	22	21	D3	3	BF	BF	+ 13	-8.59%	-11.37%	-7.63%
	SPDR S&P Metals & Mining ETF	XME	48.48	1,343	29	26	27	26	30	30	30	22	29	30	25	24	29	29	30	30	20	17	D3	8	BF	BF	+ 12	-14.38%	-13.34%	-15.41%
	iShares U.S. Basic Materials ETF	IYM	121.01	460	22	21	23	21	13	27	28	22	30	24	25	27	30	30	30	30	26	26	D3	2	BF	BF	+ 15	-9.73%	-11.82%	-5.54%
	Fidelity MSCI Materials Index ETF	FMAT	43.86	395	23	25	26	25	25	28	29	22	29	24	25	24	30	30	28	29	22	21	D3	3	BF	BF	+ 13	-8.53%	-11.21%	-7.65%
	Sprott Gold Miners ETF	SGDM	34.86	309	1	1	1	1	1	1	2	2	1	6	16	23	20	28	29	29	28	24	U3	5	AR	AR	- 1	-7.39%	2.38%	21.93%
	First Trust Materials AlphaDEX Fund	FXZ	48.54	199	29	28	28	27	29	30	30	30	30	30	30	29	30	30	30	30	29	28	D3	15	BF	BF	+ 39	-12.34%	-14.72%	-13.23%
	Invesco S&P 500 Equal Weight Materials RTM		28.47	165	26	27	28	27	29	30	30	30	30	29	25	24	30	30	29	29	25	24	D3	13	BF	BF	+ 14	-9.45%	-12.01%	-11.23%
	Invesco DWA Basic Materials Momentum PYZ		75.66	43	27	26	27	26	28	29	30	22	29	24	23	20	28	29	28	29	16	17	D3	8	BF	BF	+ 11	-10.68%	-12.95%	-12.78%
Invesco S&P SmallCap Materials ETF	PSCM	57.89	11	30	30	30	29	29	30	30	30	30	30	25	28	30	29	28	29	15	17	D3	8	BF	BF	+ 12	-13.55%	-18.19%	-20.78%	
EF-32	Manufacturing				26	25	26	26	26	23	27	16	8	5	3	4	6	5	7	5	5	5	D3	4	BF	BF	- 17	-9.75%	-11.71%	-15.56%
	Industrial Select Sector SPDR Fund	XLI	117.94	17,889	22	21	11	21	13	17	19	20	16	14	13	14	16	18	15	16	12	14	D3	4	BF	BF	- 70	-9.38%	-11.88%	-10.86%
	iShares U.S. Aerospace & Defense ET ITA	135.31	5,561	18	7	6	8	13	9	19	17	12	11	13	15	17	19	15	16	14	17	D2	1	BF	BR	- 70	-11.69%	-9.49%	-7.30%	
	Vanguard Industrials ETF	VIS	224.00	4,722	25	25	25	25	13	17	19	22	16	14	13	13	15	17	15	16	11	12	D3	4	BF	BF	- 70	-9.01%	-11.62%	-12.54%
	Invesco Aerospace & Defense ETF	PPA	105.20	4,124	18	15	11	9	13	17	28	22	14	12	13	12	13	15	13	13	11	14	D3	3	BF	BR	- 73	-9.85%	-9.10%	-9.03%

			Relative Strength Ranking - RSR																				% Price Δ						
Group or Corp	Ticker	Price	MKT Cap(MM)	04/04	03/28	03/21	03/14	03/07	02/28	02/21	02/14	02/07	01/31	01/24	01/17	01/10	01/03	12/31	12/27	12/20	12/13	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month	
EF-32	Manufacturing																												
	SPDR S&P Aerospace & Defense ETF XAR	144.94	2,330	21	19	11	9	13	17	19	15	10	8	7	8	8	8	7	9	7	9	D3	1	BF	BR	- 72	-10.47%	-9.85%	-14.40%
	First Trust Industrials/Producer Durable FXR	62.94	1,583	28	28	28	29	29	29	30	22	21	14	13	13	19	17	15	15	9	10	D3	5	BF	BF	+ 4	-9.22%	-12.28%	-16.44%
	iShares U.S. Industrials ETF IYJ	116.96	1,427	25	24	24	24	13	17	19	17	14	12	13	13	15	15	13	13	9	11	D3	3	BF	BF	- 70	-9.40%	-12.05%	-12.71%
	Fidelity MSCI Industrial Index ETF FIDU	61.96	1,131	25	25	24	25	13	17	19	22	17	14	13	14	18	18	16	16	11	13	D3	5	BF	BF	- 70	-9.15%	-11.54%	-12.48%
	ARK Autonomous Technology & Robot ARKQ	59.47	734	29	27	25	25	23	5	2	1	1	1	1	1	1	1	1	1	1	1	D2	4	BF	BR	- 13	-11.36%	-15.03%	-26.83%
	Invesco DWA Industrials Momentum E PRN	124.45	304	29	30	30	30	30	30	30	22	18	22	10	11	13	12	13	12	6	5	D3	5	BF	BF	+ 4	-9.68%	-10.68%	-21.51%
	Invesco S&P SmallCap Industrials ETF PSCI	108.77	168	29	30	30	29	30	29	30	22	15	13	13	11	13	13	13	14	7	9	D3	4	BF	BF	+ 3	-8.80%	-12.83%	-20.06%
	First Trust Nasdaq Transportation ETF FTXR	26.93	26	29	30	30	30	29	29	19	17	14	11	9	7	7	10	6	8	5	7	D3	3	BF	BF	- 67	-8.93%	-14.21%	-21.31%
EF-33	Real Estate			16	17	19	18	17	12	26	28	28	29	28	28	29	26	26	27	26	20	D3	1	BF	BR	- 2	-6.49%	-8.84%	-5.95%
	Vanguard Real Estate ETF VNQ	84.20	32,316	16	17	11	9	13	13	19	22	22	24	25	28	30	27	27	27	16	19	D3	1	BF	BR	+ 10	-6.14%	-7.96%	-4.90%
	Schwab U.S. REIT ETF SCHH	20.01	7,081	16	17	11	9	13	17	19	22	29	29	25	28	30	28	27	28	17	20	D3	1	BF	BR	+ 11	-6.06%	-7.91%	-4.82%
	Real Estate Select Sector SPDR Fund XLRE	38.96	6,865	15	17	11	9	10	11	19	22	22	24	25	27	29	28	27	27	16	19	D3	1	BF	BR	- 1	-5.92%	-7.68%	-3.99%
	iShares Global REIT ETF REET	22.62	3,548	16	18	21	9	13	17	19	22	29	29	25	29	29	28	27	28	20	21	D3	2	BF	BR	+ 12	-6.26%	-7.80%	-5.66%
	iShares U.S. Real Estate ETF IYR	89.11	3,359	15	17	19	9	10	12	19	22	22	24	25	28	30	27	27	27	17	19	D3	1	BF	BR	+ 11	-5.94%	-7.76%	-4.27%
	iShares Core U.S. REIT ETF USRT	53.10	2,674	17	19	22	9	13	13	19	22	22	24	25	27	29	23	25	25	15	19	D3	2	BF	BR	- 5	-6.89%	-9.30%	-7.33%
	iShares Cohen & Steers REIT ETF ICF	57.52	1,864	15	17	20	9	13	17	19	22	29	29	25	28	29	27	27	27	17	20	D3	1	BF	BR	+ 11	-5.52%	-7.33%	-4.49%
	SPDR Dow Jones REIT ETF RWR	91.26	1,719	17	19	11	9	13	11	19	22	22	24	25	27	29	23	24	22	15	19	D3	2	BF	BR	+ 3	-7.14%	-9.61%	-7.41%
	Fidelity MSCI Real Estate Index ETF FREL	25.55	996	16	17	20	9	13	13	19	22	22	24	25	28	29	26	27	26	16	19	D3	1	BF	BR	+ 10	-6.07%	-7.86%	-4.98%
	iShares Residential and Multisector Re REZ	80.29	811	9	5	14	8	7	9	19	22	22	29	30	29	29	28	27	27	19	21	U1	1	BF	BR	- 5	-6.47%	-6.65%	-0.62%
	iShares Mortgage Real Estate ETF REM	20.72	597	15	14	4	5	4	6	9	11	14	19	25	22	29	22	27	25	17	23	D1	1	BF	BF	- 8	-6.35%	-11.18%	-4.84%
	VanEck Mortgage REIT Income ETF MORT	9.94	276	15	8	6	5	4	6	9	12	14	19	25	22	29	22	27	25	17	23	D1	1	BF	BR	- 8	-6.63%	-11.45%	-5.25%
	Invesco KBW Premium Yield Equity RE KBWY	15.48	202	25	27	29	28	28	30	30	30	30	30	30	30	30	30	30	29	22	23	D3	14	BF	BF	+ 13	-6.92%	-10.92%	-11.84%
	First Trust S&P REIT Index Fund FRI	25.35	142	17	19	23	21	13	13	19	22	22	24	25	27	29	23	25	25	15	19	D3	2	BF	BR	+ 9	-6.80%	-9.24%	-7.36%
	Invesco S&P 500 Equal Weight Real E EWRE	32.94	110	16	17	11	9	13	17	19	29	22	28	25	27	29	23	25	25	15	19	D3	1	BF	BR	+ 9	-7.02%	-8.33%	-5.96%
	Invesco Active U.S. Real Estate Fund PSR	86.62	57	15	16	11	9	10	13	19	22	29	29	25	29	30	27	27	27	16	20	D3	1	BF	BR	+ 11	-5.51%	-7.35%	-3.83%
	US Diversified Real Estate ETF PPTY	28.95	48	20	22	26	25	21	22	29	29	29	29	29	28	29	25	25	25	25	19	D3	3	BF	BF	- 4	-7.72%	-10.65%	-10.34%
	Nuveen Short-Term REIT ETF NURE	28.67	44	18	19	11	22	13	17	29	30	29	30	30	29	29	23	25	22	15	20	D3	2	BF	BF	+ 11	-7.39%	-10.24%	-9.10%
EF-34	Technology			29	28	27	26	27	25	7	5	6	6	3	3	4	3	5	3	5	6	D3	2	BF	BF	- 15	-11.87%	-16.40%	-21.99%
	Vanguard Information Technology ETF VGT	478.60	66,651	29	29	28	27	28	27	10	11	14	14	11	11	9	9	7	8	7	10	D3	2	BF	BF	- 112	-11.90%	-16.79%	-24.28%
	Technology Select Sector SPDR Fund XLK	182.37	56,600	29	29	28	27	28	28	11	12	16	19	13	13	11	11	9	12	10	15	D3	3	BF	BF	- 113	-11.63%	-16.40%	-22.51%
	VanEck Semiconductor ETF SMH	180.80	16,153	30	30	29	27	30	30	13	15	25	25	4	3	6	6	20	14	22	22	D3	4	BF	BF	- 116	-14.79%	-19.68%	-28.22%
	iShares U.S. Technology ETF IYV	124.50	15,538	29	29	29	27	28	26	10	10	14	14	11	11	10	10	8	9	7	11	D3	3	BF	BF	- 111	-11.49%	-16.45%	-23.28%
	Fidelity MSCI Information Technology Index FTEC	142.45	10,057	29	29	28	27	28	27	10	11	14	14	11	11	9	9	7	8	7	10	D3	3	BF	BF	- 112	-11.80%	-16.61%	-24.23%
	iShares Semiconductor ETF SOXX	157.63	9,095	30	30	30	29	30	30	19	22	29	24	15	14	19	22	22	29	22	29	D3	6	BF	BF	+ 21	-16.46%	-22.57%	-29.05%
	iShares Expanded Tech-Software Sect IGV	81.30	8,410	28	29	27	27	28	23	9	3	2	2	2	3	2	1	1	1	1	1	D3	3	BF	BF	- 16	-9.54%	-12.97%	-19.88%
	First Trust NASDAQ Cybersecurity ETF CIBR	57.54	7,112	19	17	8	7	5	7	7	5	6	7	9	10	7	9	7	8	6	9	D2	1	BF	BR	- 108	-9.23%	-12.72%	-10.58%
	First Trust Dow Jones Internet Index Fnd FDN	200.64	5,588	27	26	24	24	19	4	2	1	1	1	1	1	1	1	1	1	1	1	D2	4	BF	BF	- 7	-10.18%	-14.17%	-18.54%
	iShares Expanded Tech Sector ETF IGM	80.57	4,653	29	29	27	26	26	17	9	8	10	10	9	10	8	8	6	8	6	10	D3	1	BF	BF	- 112	-11.28%	-16.44%	-22.41%
	First Trust NASDAQ-100 Technology S QTEC	152.08	3,080	29	29	27	27	28	27	9	9	13	13	14	14	16	16	16	19	12	17	D3	3	BF	BF	- 27	-12.86%	-17.25%	-21.13%
	Invesco S&P 500 Equal Weight Techn RYT	29.91	2,684	29	28	27	27	28	28	12	12	14	14	13	14	13	15	13	15	11	16	D3	3	BF	BF	- 72	-12.62%	-16.63%	-21.21%
	First Trust NASDAQ Technology Divid TDIV	65.48	2,377	28	26	25	23	13	17	10	13	16	15	13	14	13	15	13	16	12	17	D3	3	BF	BF	- 114	-10.78%	-16.25%	-17.33%
	First Trust Technology AlphaDEX Fund FXL	116.93	1,035	29	29	28	27	28	27	9	3	2	1	1	2	2	1	3	2	2	2	D3	2	BF	BF	- 114	-12.17%	-15.94%	-23.03%
	SPDR S&P Semiconductor ETF XSD	167.32	862	30	30	30	29	30	30	19	22	22	14	9	7	9	8	8	13	6	14	D3	2	BF	BF	+ 4	-17.21%	-24.87%	-35.29%
	SPDR NYSE Technology ETF XNTK	169.28	736	28	25	11	9	13	13	6	6	9	11	10	10	10	10	9	11	8	11	D2	3	BF	BF	- 113	-12.07%	-16.04%	-18.35%

				Relative Strength Ranking - RSR																	% Price Δ								
Group or Corp	Ticker	Price	MKT Cap(MM)	04/	03/	03/	03/	03/	02/	02/	02/	02/	01/	01/	01/	01/	01/	12/	12/	12/	12/	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month	
				04	28	21	14	07	28	21	14	07	31	24	17	10	03	31	27	20	13								
EF-34	Technology																												
	Invesco NASDAQ Internet ETF	PNQI	39.72	707	26	25	20	21	17	4	2	2	1	1	2	2	1	1	1	1	1	D2	3	BF	BF	- 6	-10.26%	-14.69%	-15.95%
	Invesco Dynamic Semiconductors ETF PSI		39.72	487	30	30	30	29	30	30	11	17	14	12	8	5	7	10	11	16	12	D3	2	BF	BF	+ 3	-16.69%	-24.58%	-34.06%
	SPDR S&P Software & Services ETF	XSW	145.87	413	29	29	28	28	29	28	10	7	6	6	7	6	5	4	3	3	2	D3	2	BF	BF	- 71	-10.08%	-13.59%	-24.73%
	iShares U.S. Tech Independence Focu IETC		67.34	380	28	28	26	26	26	17	9	7	8	9	7	8	6	6	5	6	5	D3	1	BF	BF	- 111	-10.44%	-15.18%	-22.08%
	First Trust Indxx NextG ETF	NXTG	77.43	310	18	17	9	7	7	13	9	12	15	19	14	15	15	16	14	16	13	D2	1	BF	BF	- 71	-8.97%	-12.17%	-9.54%
	Invesco S&P SmallCap Information Te	PSCT	35.25	215	30	30	30	30	30	30	30	30	22	21	15	14	15	15	14	15	9	D3	4	BF	BF	+ 6	-12.68%	-18.17%	-27.60%
	First Trust Nasdaq Semiconductor ETF FTXL		62.96	195	30	30	30	29	30	30	19	22	30	24	15	14	19	22	22	29	24	D3	6	BF	BF	+ 21	-17.15%	-22.63%	-30.22%
	iShares North American Tech-Multimec IGN		67.62	115	26	26	24	25	28	28	16	17	13	14	11	10	11	10	9	10	5	D3	3	BF	BF	- 63	-7.96%	-10.70%	-16.96%
	SPDR FactSet Innovative Technology I	XITK	144.53	78	28	26	24	24	27	5	2	1	1	1	1	1	1	1	1	1	1	D2	4	BF	BF	- 7	-10.76%	-12.62%	-18.87%
	SPDR S&P Kensho Future Security ET	FITE	56.84	74	25	22	11	9	13	17	11	8	7	7	8	9	7	6	5	7	5	D2	3	BF	BR	- 72	-10.36%	-12.05%	-16.41%
	Invesco Dynamic Networking ETF	PXQ	90.61	27	24	22	11	9	13	11	8	9	11	12	11	11	12	11	9	12	8	D2	2	BF	BF	- 105	-9.91%	-13.42%	-14.66%
	SPDR S&P Kensho Smart Mobility ETF HAIL		23.03	17	28	26	11	21	13	17	10	11	14	19	14	12	11	8	11	15	12	D3	2	BF	BF	- 18	-11.06%	-16.58%	-22.41%
EF-35	Transportation																												
	iShares US Transportation ETF	IYT	56.76	528	29	29	30	30	28	27	25	13	10	11	6	6	4	8	9	10	12	D3	5	BF	BF	- 17	-11.12%	-16.97%	-21.31%
	SPDR S&P Transportation ETF	XTN	65.62	142	30	30	30	30	30	29	19	15	13	11	10	9	7	10	9	12	6	D3	3	BF	BF	+ 3	-11.41%	-17.19%	-25.46%
EF-36	Utilities																												
	Utilities Select Sector SPDR Fund	XLU	74.53	16,969	12	16	15	15	18	16	12	19	19	20	17	13	18	15	18	17	15	D3	3	BF	BR	- 19	-5.21%	-4.39%	-4.22%
	Vanguard Utilities ETF	VPU	161.70	6,449	10	14	9	8	13	17	11	21	22	23	18	16	19	17	17	19	15	D2	1	BF	BR	- 56	-4.42%	-2.89%	-2.62%
	Invesco Water Resources ETF	PHO	60.20	1,923	19	24	26	24	13	27	30	22	29	24	25	24	29	28	27	26	16	D3	11	BF	BF	+ 11	-6.36%	-10.09%	-8.43%
	First Trust Water ETF	FIW	94.02	1,603	18	23	25	21	13	26	28	22	22	24	25	24	29	28	25	25	15	D3	11	BF	BF	+ 11	-6.16%	-9.52%	-7.91%
	Fidelity MSCI Utilities Index ETF	FUTY	48.20	1,600	9	13	14	7	13	13	11	21	22	22	18	16	19	17	18	19	15	D2	1	BF	BR	- 56	-4.35%	-2.79%	-2.18%
	First Trust Utilities AlphaDEX Fund	FXU	38.77	1,388	6	2	5	4	7	6	8	12	14	14	14	12	12	12	13	13	10	U3	8	BF	AR	- 66	-4.81%	-1.48%	0.81%
	iShares U.S. Utilities ETF	IDU	96.09	1,340	9	12	14	7	13	11	10	19	20	21	18	16	18	18	19	20	15	D2	1	BF	BR	- 65	-4.17%	-2.76%	-1.06%
	Invesco S&P 500 Equal Weight Utilities RYU		65.88	390	8	6	7	6	10	9	10	18	21	22	19	15	18	15	15	15	13	U3	2	BF	AR	- 66	-4.40%	-1.89%	-0.49%
	Virtus Reaves Utilities ETF	UTES	59.64	361	18	19	16	9	28	13	8	8	9	9	5	4	5	6	8	9	6	D2	3	BF	BR	- 65	-7.23%	-3.58%	-10.24%
	Invesco DWA Utilities Momentum ETF	PUI	38.49	43	9	8	8	7	13	10	10	16	19	21	15	13	15	16	15	16	12	D1	1	BF	BR	- 65	-5.01%	-2.19%	-1.55%
	Invesco S&P SmallCap Utilities & Com	PSCU	53.10	13	20	25	24	25	25	30	30	22	22	24	25	20	24	16	15	15	8	D3	6	BF	BR	+ 4	-6.10%	-8.25%	-10.88%
	GLOBAL/INTL																												
EF-37	Global Index (Intl)																												
	Vanguard FTSE Developed Markets E	VEA	46.91	133,168	12	4	4	4	4	10	10	15	20	22	22	24	25	28	26	28	22	U3	3	BF	BF	- 6	-8.45%	-10.37%	-1.82%
	iShares MSCI EAFE ETF	EFA	75.02	52,709	10	3	2	1	1	4	6	11	17	20	21	26	26	28	27	26	28	U3	4	BF	BF	- 1	-9.02%	-11.15%	-0.87%
	Vanguard Total World Stock ETF	VT	105.70	38,137	19	19	17	9	10	13	11	12	14	14	14	16	15	16	14	15	12	D3	1	BF	BF	- 71	-8.74%	-11.14%	-10.47%
	iShares Core MSCI Total International	IXUS	64.56	36,864	12	5	4	3	2	7	7	14	19	22	22	26	25	25	25	25	26	D1	1	BF	BF	- 69	-8.14%	-9.84%	-2.73%
	iShares MSCI ACWI ETF	ACWI	106.00	17,172	19	19	17	16	17	10	8	10	11	12	12	15	14	11	13	11	13	D2	3	BF	BF	- 72	-8.81%	-11.30%	-10.54%
	iShares Global 100 ETF	IOO	87.02	5,487	23	22	20	19	17	10	6	8	13	11	10	11	8	6	7	7	8	D3	1	BF	BF	- 116	-9.54%	-13.29%	-14.49%
	iShares MSCI World ETF	URTH	139.25	3,857	20	20	19	18	17	9	8	9	10	11	11	13	12	10	11	10	11	D3	1	BF	BF	- 73	-8.92%	-11.67%	-11.29%
	Franklin U.S. Equity Index ETF	USPX	44.28	1,109	24	24	23	23	13	11	10	12	13	12	13	12	11	12	10	12	9	D3	2	BF	BF	- 114	-9.02%	-12.01%	-14.74%
	Cambria Shareholder Yield ETF	SYLD	57.91	938	26	27	29	29	29	30	30	22	29	24	24	21	28	26	25	26	16	D3	8	BF	BF	+ 11	-8.95%	-11.09%	-14.97%
	SPDR Portfolio MSCI Global Stock Mar	SPGM	56.89	870	20	19	18	17	17	15	8	10	11	13	12	15	14	11	13	11	13	D3	1	BF	BF	- 71	-8.86%	-11.59%	-11.04%
	Davis Select Worldwide ETF	DWLD	34.02	327	18	14	8	7	2	4	3	4	7	8	11	15	18	11	9	9	14	D2	1	BF	BR	- 70	-9.90%	-12.84%	-6.63%
	SPDR Global Dow ETF	DGT	126.22	275	16	6	5	5	4	7	8	10	13	13	15	17	19	19	16	20	14	D1	1	BF	BR	- 71	-9.62%	-11.88%	-4.66%
	SPDR SSGA Global Allocation ETF	GAL	42.49	232	10	13	8	7	8	13	12	17	18	19	19	19	17	18	16	18	15	D2	1	BF	BR	- 69	-5.22%	-6.20%	-3.88%
	iShares Currency Hedged MSCI ACWI HAWX		30.71	231	15	5	4	3	2	4	5	7	9	10	14	14	11	12	12	14	18	D1	1	BF	BF	- 73	-8.59%	-10.07%	-5.05%
	Cambria Global Value ETF	GVAL	23.23	159	1	1	1	1	1	1	2	4	8	11	17	22	23	25	24	25	25	U3	7	BR	AR	+ 11	-6.56%	-4.75%	11.36%

			Relative Strength Ranking - RSR																				% Price Δ							
Group or Corp	Ticker	Price	MKT Cap(MM)	04/	03/	03/	03/	03/	02/	02/	02/	02/	01/	01/	01/	01/	01/	12/	12/	12/	12/	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month		
				04	28	21	14	07	28	21	14	07	31	24	17	10	03	31	27	20	13									
EF-37	Global Index (Intl)																													
	Xtrackers MSCI All World ex US Hedge DBAW	32.26	156	15	6	4	3	2	4	5	6	8	9	13	12	11	13	14	17	21	21	D1	1	BF	BF	- 72	-9.31%	-10.83%	-5.77%	
	First Trust Developed Markets ex-US S FDTS	38.13	6	15	5	5	5	5	17	13	16	20	24	23	24	24	23	24	22	19	23	U3	2	BF	BF	- 6	-9.17%	-10.42%	-5.18%	
EF-38	Ex-US (Intl)				11	3	2	1	2	4	6	9	14	19	19	23	22	23	24	23	25	23	U3	5	BF	BF	- 1	-8.79%	-10.44%	-2.59%
	iShares Core MSCI EAFE ETF IEFA	69.56	117,417	11	3	2	1	1	5	6	11	18	21	21	26	26	28	27	26	27	26	U3	4	BF	BF	- 1	-8.95%	-11.00%	-1.31%	
	Vanguard Total International Stock ETF VXUS	57.45	76,950	13	7	4	5	5	11	10	15	21	23	23	24	25	23	24	26	20	23	U3	3	BF	BF	- 7	-8.09%	-9.80%	-2.57%	
	Schwab International Equity ETF SCHF	18.25	39,708	11	4	2	2	2	5	7	12	18	21	21	26	25	27	27	27	27	27	U3	4	BF	BF	- 1	-8.57%	-10.45%	-1.67%	
	Vanguard FTSE All-World ex-US Index VEU	56.10	36,959	12	5	4	5	5	11	10	15	21	23	22	24	25	23	24	26	21	23	U3	3	BF	BF	- 7	-8.06%	-9.84%	-2.26%	
	SPDR Portfolio Developed World ex-U: SPDW	33.56	21,968	12	4	3	2	2	5	7	12	18	21	21	26	25	27	27	26	27	26	U3	4	BF	BF	- 1	-8.63%	-10.51%	-2.07%	
	Schwab Fundamental International Lar FNDF	33.27	13,205	9	2	1	1	1	5	8	15	21	24	23	27	28	28	27	28	28	27	U3	4	BF	BF	- 1	-8.72%	-10.15%	-0.12%	
	Vanguard FTSE All-World ex-US Small VSS	107.68	7,696	16	14	10	11	12	25	21	24	27	28	26	28	28	25	25	25	25	25	D3	1	BF	BF	- 69	-7.57%	-9.08%	-6.12%	
	Xtrackers MSCI EAFE Hedged Equity I DBEF	39.38	7,071	15	4	4	2	2	2	5	6	7	6	11	12	8	14	14	15	21	22	D1	1	BF	BF	- 124	-9.68%	-11.53%	-5.54%	
	iShares Currency Hedged MSCI EAFE HEFA	33.02	7,032	15	4	3	2	2	2	4	6	7	7	11	12	9	15	14	17	21	22	D1	1	BF	BF	- 124	-9.70%	-11.40%	-5.28%	
	iShares MSCI ACWI ex U.S. ETF ACWX	51.22	5,276	11	4	4	2	2	5	6	13	19	22	22	26	24	25	25	25	26	24	U3	4	BF	BF	- 69	-8.24%	-9.97%	-2.12%	
	Goldman Sachs ActiveBeta Internation GSIE	32.98	3,423	10	3	4	4	4	9	10	13	18	21	22	24	24	23	24	27	20	22	U3	3	BF	BF	- 7	-8.34%	-10.33%	-0.84%	
	SPDR MSCI ACWI ex-US ETF CWI	27.30	1,575	12	4	4	2	2	7	6	14	19	22	22	25	24	25	25	24	25	24	U3	4	BF	BF	- 69	-8.36%	-9.96%	-2.67%	
	iShares International Equity Factor ETF INTF	28.26	1,294	11	3	2	1	1	4	6	11	16	20	21	26	24	26	25	25	27	25	U3	5	BF	BF	- 1	-9.13%	-11.15%	-1.77%	
	Franklin International Core Dividend Til DIVI	29.90	1,175	10	3	2	4	3	9	10	15	19	22	23	24	27	28	27	29	22	25	U3	3	BF	BF	- 6	-8.95%	-10.85%	-0.19%	
	Pacer Developed Markets International ICOW	28.83	1,012	10	2	1	1	1	11	11	15	20	24	25	24	24	27	27	29	22	26	U3	4	BF	BF	+ 20	-9.20%	-9.99%	-1.10%	
	IQ FTSE International Equity Currency HFXI	25.22	924	14	4	4	2	2	4	6	8	14	13	18	21	21	23	24	23	26	24	D1	1	BF	BF	- 1	-9.00%	-11.03%	-3.58%	
	John Hancock Multifactor Developed Ir JHMD	32.21	615	9	2	1	1	1	4	6	11	17	21	23	26	27	28	27	27	28	26	U3	4	BF	BF	+ 19	-8.55%	-10.68%	0.47%	
	SPDR S&P International Small Cap ET GWX	29.46	572	16	9	6	6	6	20	13	17	20	25	24	27	28	25	25	26	27	26	D1	1	BF	BF	- 1	-8.59%	-9.99%	-5.70%	
	WisdomTree International Equity Fund DWM	53.76	484	8	1	3	3	3	9	10	13	18	21	23	24	26	28	26	29	22	23	U3	3	BF	BR	- 6	-7.93%	-9.07%	2.19%	
	FlexShares Morningstar Developed Ma TLTD	68.32	424	9	2	1	4	3	9	10	12	16	20	22	24	24	23	22	27	20	22	U3	5	BF	BF	- 7	-9.10%	-10.49%	-0.85%	
	Invesco FTSE RAFI Developed Market PDN	30.95	365	11	4	5	4	5	17	12	17	22	24	24	24	28	23	27	28	22	25	U3	2	BF	BF	- 5	-8.19%	-9.23%	-2.44%	
	WisdomTree Dynamic Currency Hedge DDWM	33.66	358	9	2	4	4	4	7	9	12	14	14	18	15	21	20	22	19	24	U3	6	BF	BR	- 71	-8.76%	-9.51%	-1.98%		
	WisdomTree Dynamic Currency Hedge DDLS	32.61	354	15	5	6	6	6	11	12	16	17	19	23	21	19	18	17	22	17	23	D1	1	BF	BF	- 69	-8.83%	-9.26%	-6.29%	
	Vident International Equity Strategy ET VIDI	24.14	302	12	5	4	5	5	12	10	13	16	20	18	20	19	21	17	20	16	21	U3	7	BF	BF	- 69	-7.92%	-9.33%	-3.25%	
	Davis Select International ETF DINT	20.97	197	16	7	4	2	1	7	4	7	20	24	21	21	24	16	13	11	14	14	U3	2	BF	BR	- 59	-10.04%	-13.56%	-4.07%	
	Invesco International BuyBack Achieve IPKW	40.68	173	8	1	2	2	2	4	5	8	13	14	19	22	23	23	24	27	18	23	U3	6	BF	BR	- 9	-11.20%	-11.84%	3.03%	
	VanEck Morningstar International Moat MOTI	31.15	157	7	2	1	1	1	2	3	6	17	13	21	26	29	28	25	24	25	23	U3	4	BF	BR	- 1	-7.10%	-9.87%	4.22%	
	iShares Currency Hedged MSCI EAFE HSCZ	29.45	142	16	8	6	6	6	9	10	11	11	10	15	16	13	11	10	12	18	21	D2	1	BF	BF	- 71	-9.61%	-10.32%	-8.16%	
	First Trust International Equity Opportu: FPXI	43.63	120	19	21	19	17	17	13	5	4	5	6	7	16	14	16	23	20	20	15	D2	3	BF	BF	- 70	-7.74%	-10.96%	-9.65%	
	First Trust Riverfront Dynamic Develop RFDI	61.01	99	9	2	4	4	4	9	10	15	18	22	23	24	24	27	26	29	22	25	U3	3	BF	BF	- 6	-9.06%	-9.40%	-0.34%	
	AdvisorShares Dorsey Wright ADR ET: AADR	65.71	33	15	1	1	2	2	4	3	4	5	6	6	6	5	6	6	7	6	10	D1	1	BF	BR	- 72	-12.29%	-13.66%	-7.35%	
	Hartford Multifactor Diversified Internati RODE	27.16	18	9	4	4	2	2	7	8	15	19	22	22	24	22	22	23	21	24	23	U3	4	BF	BF	- 71	-6.56%	-7.83%	-1.31%	
	Renaissance International IPO ETF IPOS	11.68	4	16	11	4	1	4	9	7	11	14	14	17	17	18	27	25	25	22	23	D1	1	BF	BF	- 7	-9.50%	-12.71%	-4.63%	
EF-39	Dividend (Intl)				11	4	5	6	3	11	14	19	25	25	24	26	25	25	25	25	26	26	U3	3	BF	BF	- 1	-7.47%	-8.59%	-2.45%
	Vanguard International High Dividend VYMI	68.29	8,397	8	2	1	4	4	9	10	13	17	21	22	24	24	23	22	26	20	23	U3	3	BF	BR	- 8	-7.72%	-8.23%	1.39%	
	Vanguard International Dividend Appre VIGI	77.08	6,924	15	13	6	7	6	17	17	22	22	24	25	29	29	29	27	29	22	23	D2	1	BF	BF	- 1	-7.42%	-9.45%	-3.20%	
	Fidelity High Dividend ETF FDVV	44.89	4,379	19	19	17	9	10	11	11	17	18	21	17	16	15	15	14	16	13	17	D3	3	BF	BF	- 71	-8.61%	-10.70%	-10.29%	
	WisdomTree International Hedged Qu: IHDG	39.65	2,565	20	18	14	14	6	4	6	6	9	9	16	18	14	23	22	26	20	23	D2	1	BF	BF	- 1	-9.45%	-13.45%	-9.41%	
	Franklin International Low Volatility High LVHI	29.96	2,187	9	2	2	2	2	7	9	12	14	14	18	15	12	15	15	19	14	20	U3	11	BF	BR	- 122	-7.90%	-7.59%	-1.67%	
	Pacer Global Cash Cows Dividend ETF GCOW	34.34	2,036	8	1	1	1	1	9	10	16	21	24	25	24	23	23	25	28	22	23	U3	4	BF	BR	- 6	-7.59%	-8.30%	1.59%	
	Xtrackers MSCI EAFE High Dividend Y HDEF	25.43	1,746	6	1	1	3	3	9	10	15	17	23	25	24	27	28	27	29	24	26	U3	3	BR	AR	- 6	-6.99%	-7.16%	5.16%	

Group or Corp		Ticker	Price	MKT Cap(MM)	Relative Strength Ranking - RSR																			% Price Δ						
					04/04	03/28	03/21	03/14	03/07	02/28	02/21	02/14	02/07	01/31	01/24	01/17	01/10	01/03	12/31	12/27	12/20	12/13	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month	
EF-39 Dividend (Intl)																														
iShares International Dividend Growth I IGRO			68.29	970	9	4	4	6	6	17	19	22	22	24	25	28	28	28	26	27	22	22	U3	2	BF	BR	- 4	-6.21%	-6.21%	0.77%
WisdomTree International SmallCap Di DLS			61.11	831	10	3	5	4	5	17	12	18	22	24	25	27	28	23	24	27	22	24	U3	2	BF	BF	- 5	-8.53%	-9.13%	-2.80%
Invesco International Dividend Achieve PID			18.12	770	9	10	8	7	9	17	19	22	22	24	25	27	24	23	27	27	20	21	D2	1	BF	BR	- 5	-4.98%	-5.20%	-0.99%
Global X Superdividend ETF SDIV			19.04	711	16	8	9	7	9	17	19	22	22	24	25	24	27	23	27	29	22	26	D3	1	BF	BF	- 3	-8.70%	-9.60%	-6.00%
WisdomTree International Quality Divid IQDG			32.75	689	17	15	8	7	5	13	11	15	22	24	25	29	29	29	28	29	26	26	D2	1	BF	BF	- 4	-9.15%	-13.03%	-4.53%
FlexShares International Quality Divide IQDF			22.96	585	10	3	3	4	4	11	10	16	21	23	23	24	25	26	25	28	22	25	U3	3	BF	BF	- 6	-8.51%	-9.70%	-1.19%
First Trust Dow Jones Global Select Div FGD			22.69	557	7	2	4	4	5	11	12	19	22	24	25	24	26	23	25	27	18	21	U3	2	BR	BR	- 6	-6.55%	-5.91%	1.92%
Fidelity Dividend ETF for Rising Rates FDRR			45.16	483	21	21	19	9	10	10	10	13	15	19	15	15	13	14	13	15	12	16	D3	2	BF	BF	- 70	-9.10%	-12.75%	-12.41%
Cambria Foreign Shareholder Yield ET FYLD			24.33	302	15	4	4	5	5	17	19	22	22	24	25	24	25	23	27	29	25	26	U3	2	BF	BF	- 1	-9.92%	-9.99%	-4.44%
ALPS International Sector Dividend Do IDOG			29.29	274	7	1	1	3	2	9	10	12	21	23	24	24	26	28	27	29	24	26	U3	3	BF	BR	- 6	-8.17%	-10.01%	2.93%
SPDR S&P Global Dividend ETF WDIV			62.08	183	8	4	7	6	6	17	19	22	29	24	25	24	27	23	22	22	17	19	U2	4	BR	BR	- 4	-4.87%	-5.08%	0.57%
Global X SuperDividend REIT ETF SRET			19.88	176	8	6	6	5	6	9	19	22	22	24	25	24	29	23	27	27	21	23	U3	1	BR	BR	- 5	-4.77%	-5.85%	0.00%
Fidelity International High Dividend ETF FIDI			20.01	102	7	1	1	3	3	9	11	17	21	24	25	24	27	28	28	29	24	26	U3	3	BF	BR	- 5	-7.34%	-7.88%	3.16%
First Trust S&P International Dividend FID			16.56	84	6	3	5	5	5	17	19	22	29	24	25	24	27	23	22	22	18	21	U3	1	BR	BR	- 4	-4.35%	-4.09%	2.34%
First Trust Dorsey Wright Momentum & DDIW			33.56	65	21	19	11	21	13	8	11	12	12	11	10	9	11	11	11	12	8	9	D3	1	BF	BR	- 70	-10.44%	-10.09%	-12.24%
FlexShares International Quality Divide IQDY			26.78	62	13	4	4	5	4	13	10	16	21	20	20	23	23	23	22	26	20	23	U3	3	BF	BF	- 7	-8.51%	-10.32%	-2.83%
ProShares MSCI EAFE Dividend Grow EFAD			36.86	61	9	9	7	6	6	17	19	22	29	24	25	30	29	29	28	29	25	26	U3	1	BF	BF	- 1	-5.57%	-7.56%	-0.33%
WisdomTree International AI Enhancer AIVI			41.01	47	6	1	3	3	3	9	12	17	22	24	25	28	29	28	27	29	22	25	U3	2	BR	BR	- 5	-6.95%	-7.68%	4.49%
Franklin U.S. Core Dividend Tilt Index F IDIV			39.32	45	23	22	21	21	13	10	10	12	14	12	13	12	11	12	11	12	9	13	D3	1	BF	BF	- 113	-9.53%	-12.42%	-13.88%
Global X Renewable Energy Producers RNRG			8.14	23	17	25	26	25	28	30	30	30	30	30	30	30	30	30	30	30	30	30	D3	1	BF	BF	+ 21	-4.12%	-5.99%	-8.05%
Global X MSCI SuperDividend EAFE E EFAS			14.80	9	3	2	2	2	2	8	11	18	21	24	25	24	28	27	27	29	22	24	U3	3	BR	AR	- 6	-7.27%	-6.87%	6.90%
EF-40 Thematic/Multi-Factor (Intl)					13	6	4	5	3	6	8	14	16	19	21	24	23	24	24	24	24	22	D1	1	BF	BF	- 1	-8.00%	-9.57%	-3.01%
iShares MSCI EAFE Value ETF EFV			54.15	18,649	7	1	1	1	1	3	5	8	12	19	21	25	25	25	25	25	27	26	U3	5	BF	BR	- 1	-8.95%	-9.75%	3.03%
iShares MSCI EAFE Growth ETF EFG			91.94	11,364	17	14	7	7	3	9	9	15	23	22	21	27	27	29	28	27	28	26	D2	1	BF	BF	+ 20	-8.83%	-12.54%	-5.26%
iShares MSCI EAFE Small-Cap ETF SCZ			58.56	8,316	14	4	4	2	3	18	13	17	22	24	24	27	29	26	26	25	27	26	U3	3	BF	BF	- 1	-8.94%	-10.34%	-3.84%
iShares MSCI Intl Quality Factor ETF IQLT			36.93	8,291	10	4	4	2	2	5	6	14	21	23	23	27	27	29	28	28	28	26	U3	4	BF	BF	- 1	-7.72%	-9.75%	-0.78%
iShares MSCI EAFE Min Vol Factor ET EFAV			75.30	4,526	3	1	1	1	1	4	9	19	22	24	27	27	26	26	25	25	26	26	U3	4	BR	AR	- 69	-3.81%	-4.00%	6.51%
Schwab International Small-Cap Equity SCHC			33.15	3,640	15	7	4	5	4	17	11	15	21	25	24	27	28	25	27	26	27	27	D1	1	BF	BF	- 2	-8.32%	-9.65%	-4.05%
iShares MSCI Global Min Vol Factor ET ACWV			110.46	3,203	7	4	6	7	4	5	11	18	16	19	23	24	23	22	20	19	20	22	U3	4	BF	BR	- 70	-4.52%	-4.69%	1.04%
Schwab Fundamental International Sm FNDC			33.83	2,943	9	3	3	2	2	10	11	16	21	24	24	27	28	25	25	25	26	24	U3	4	BF	BF	- 1	-7.52%	-9.01%	-1.00%
iShares Exponential Technologies ETF XT			51.87	2,676	25	23	19	16	16	15	6	8	9	9	11	13	15	13	14	16	12	17	D3	1	BF	BF	- 69	-10.46%	-14.88%	-13.99%
iShares MSCI Intl Momentum Factor E IMTM			36.78	2,262	11	4	4	2	2	4	6	8	12	17	18	25	22	25	25	24	25	24	D1	1	BF	BF	- 71	-8.28%	-9.85%	-2.02%
iShares MSCI Intl Value Factor ETF IVLU			27.51	1,807	8	1	1	1	1	2	5	8	11	19	21	25	24	25	24	24	26	26	U3	5	BF	BF	- 1	-9.98%	-11.69%	1.55%
SPDR MSCI EAFE StrategicFactors E QEFA			73.82	816	8	3	2	1	1	4	8	15	21	23	24	27	27	28	27	27	28	26	U3	4	BF	BF	- 1	-7.24%	-9.28%	1.60%
Invesco S&P International Developed I IDMO			40.38	454	9	2	4	4	3	7	9	11	13	14	15	22	19	23	22	22	14	19	U3	9	BF	BF	- 121	-9.14%	-9.84%	-0.32%
First Trust Developed Markets ex-US A FDT			53.41	392	10	3	4	3	3	9	9	12	15	20	20	24	22	23	22	26	19	22	U3	5	BF	BF	- 8	-8.98%	-10.44%	-1.54%
Invesco S&P International Developed I IDHQ			27.88	337	14	7	5	5	4	10	10	15	22	24	25	29	28	29	28	29	25	26	D1	1	BF	BF	- 5	-7.99%	-10.78%	-1.32%
SPDR MSCI EAFE Fossil Fuel Free ET EFAX			39.55	305	10	3	2	1	1	4	6	8	16	19	19	26	25	28	27	25	27	26	U3	5	BF	BF	- 1	-8.76%	-11.25%	-0.75%
J.P. Morgan Diversified Return Internat JPIN			53.69	301	9	4	5	5	5	13	13	20	22	24	25	28	29	28	27	29	24	25	U3	2	BF	BR	- 4	-6.67%	-7.70%	0.30%
PIMCO RAFI Dynamic Multi-Factor Inte MFDX			29.63	290	9	5	4	4	4	9	10	13	18	22	23	24	27	27	26	28	21	22	U3	2	BR	BR	- 6	-7.30%	-9.11%	0.86%
iShares MSCI Intl Small-Cap Multifactor ISCF			31.00	285	14	4	4	3	3	17	10	15	18	22	22	25	24	23	23	23	24	24	U3	4	BF	BF	- 68	-8.80%	-9.88%	-4.14%
Invesco S&P International Developed I IDLV			29.34	249	3	2	5	4	4	10	12	19	22	24	25	27	27	27	25	27	21	22	U3	2	BR	AR	- 6	-3.22%	-2.88%	6.02%
VictoryShares International Value Mom UIVM			47.83	222	6	1	1	1	2	8	10	15	18	23	23	24	24	26	25	27	21	23	U3	4	BR	BR	- 6	-6.95%	-8.27%	3.52%
Fidelity International Value Factor ETF FIVA			24.35	197	9	1	1	3	2	7	9	12	15	22	24	24	28	28	27	29	22	25	U3	3	BF	BF	- 6	-9.43%	-11.42%	1.31%
SPDR MSCI World StrategicFactors E QWLD			118.20	145	15	14	14	14	5	5	8	15	15	15	19	21	21	21	20	19	21	21	D2	1	BF	BF	- 121	-7.01%	-9.53%	-4.91%

			Relative Strength Ranking - RSR																		% Price Δ									
			MKT	04/04	03/28	03/21	03/14	03/07	02/28	02/21	02/14	02/07	01/31	01/24	01/17	01/10	01/03	12/31	12/27	12/20	12/13	TRIPLE	50	200						
Group or Corp		Ticker	Price	Cap(MM)																		CYCLE	DAY	DAY	MACD	1 week	1 month	3 month		
EF-40	Thematic/Multi-Factor (Intl)																													
	ProShares DJ Brookfield Global Infracor	TOLZ	50.27	138	6	2	5	6	9	11	19	22	22	24	22	16	19	17	17	20	14	17	U3	2	BR	AR	- 68	-4.28%	-0.21%	1.84%
	Alpha Architect International Quantitative	IVAL	23.44	121	10	3	2	2	4	11	12	17	19	24	24	24	25	23	22	27	22	24	U3	4	BF	BF	- 5	-8.72%	-9.26%	-2.37%
	iShares MSCI Global Multifactor ETF	ACWF	39.18	94	19	19	18	17	17	14	8	10	11	11	12	15	14	13	14	13	14	19	D2	3	BF	BF	- 73	-8.61%	-11.23%	-10.49%
	Alpha Architect International Quantitative	IMOM	25.23	78	16	3	1	1	1	4	3	4	6	8	12	22	18	19	21	20	22	23	D1	1	BF	BF	- 1	-12.03%	-14.10%	-5.82%
	ProShares Online Retail ETF	ONLN	38.37	59	26	23	25	23	13	11	7	5	7	6	8	10	9	11	11	10	6	9	D2	3	BF	BF	- 68	-12.32%	-14.82%	-15.57%
	FCF International Quality ETF	TTAI	26.26	52	19	21	11	9	10	17	12	13	21	21	23	24	24	28	27	27	22	23	D3	2	BF	BF	- 6	-7.72%	-11.75%	-8.06%
	Knowledge Leaders Developed World	KLDW	40.75	47	17	15	11	10	7	20	17	17	22	22	23	26	28	27	27	25	27	24	D2	1	BF	BF	- 69	-8.61%	-11.57%	-6.02%
	Affinity World Leaders Equity ETF	WLDR	25.90	32	25	21	19	19	13	17	10	11	13	12	13	13	12	14	13	12	11	11	D3	1	BF	BF	- 71	-10.38%	-12.42%	-13.25%
	First Trust Horizon Managed Volatility	CHDMV	31.25	31	1	1	4	4	3	9	12	19	22	24	25	28	28	28	26	27	22	23	U3	2	AR	AR	- 5	-3.12%	-2.49%	8.39%
	Hartford Multifactor Small Cap ETF	ROSC	37.21	29	25	26	28	28	29	29	28	22	22	19	18	17	19	16	15	16	8	11	D3	4	BF	BF	+ 4	-7.46%	-9.11%	-14.79%
Alpha Architect Value Momentum Trend	VMOT	21.99	17	25	24	24	25	25	28	28	20	17	19	17	16	11	12	15	17	13	16	D3	6	BF	BF	- 68	-9.90%	-11.10%	-14.49%	
SECTORS (Intl)																														
EF-41	Consumer Disc. (Intl)																													
	iShares Global Consumer Discretionary	FXI	163.82	238	19	19	20	16	7	4	3	3	5	1	2	2	2	1	1	1	2	8	D2	3	BF	BF	- 69	-7.93%	-12.13%	-11.66%
	Amplify Online Retail ETF	IBUY	54.22	138	19	27	26	26	27	22	4	2	1	1	1	2	1	1	1	1	1	1	D3	1	BF	BF	- 6	-10.02%	-14.48%	-17.76%
	KraneShares Emerging Markets Const	KEMQ	17.19	19	9	3	1	1	1	1	1	1	5	11	18	18	25	21	20	17	11	17	U3	5	BF	BR	- 55	-8.11%	-13.98%	2.61%
EF-42	Communications (Intl)																													
	iShares Global Comm Services ETF	IXP	89.52	318	17	15	6	3	1	1	1	1	1	1	4	7	5	4	5	4	3	4	D2	1	BF	BF	- 4	-8.28%	-13.40%	-7.64%
	Global X Social Media ETF	SOCL	40.24	106	17	16	11	7	2	2	2	2	1	1	3	5	2	3	3	2	3	11	D2	1	BF	BF	- 114	-7.76%	-12.32%	-8.38%
EF-43	Consumer Staples (Intl)																													
	iShares Global Consumer Staples ETF	KXI	62.39	711	10	11	10	10	4	13	14	20	23	16	20	22	26	27	25	25	25	20	D1	1	BF	BF	- 1	-5.33%	-7.92%	-1.10%
	iShares MSCI Agriculture Producers E	VEGI	34.63	81	5	6	12	11	3	4	13	22	26	28	29	29	29	28	27	25	24	24	U3	2	BR	AR	- 65	-1.64%	-3.66%	3.95%
	First Trust Indxx Global Agriculture ETF	FTAG	22.15	5	13	14	14	14	5	13	10	17	20	6	10	11	23	23	24	23	23	20	D2	1	BF	BF	- 28	-6.02%	-8.44%	-2.53%
EF-44	Energy (Intl)																													
	iShares Global Energy ETF	IXC	36.37	1,571	18	6	6	15	23	26	25	28	29	30	27	21	27	29	30	30	30	30	D3	1	BF	BF	- 1	-12.71%	-8.53%	-7.91%
	iShares MSCI Global Energy Producer	FILL	21.50	72	17	3	4	14	20	17	16	23	27	28	22	12	19	25	28	29	30	29	D1	1	BF	BF	- 1	-12.91%	-6.91%	-6.55%
	VanEck Oil Refiners ETF	CRAK	25.42	22	18	4	6	16	24	24	22	27	29	29	26	18	22	28	29	30	30	29	D3	1	BF	BF	+ 32	-13.04%	-7.25%	-7.64%
EF-45	Financials (Intl)																													
	iShares Global Financials ETF	IXG	92.01	419	19	14	13	15	8	3	5	4	4	3	4	5	11	6	6	7	8	8	D2	2	BF	BR	- 5	-10.99%	-12.00%	-9.59%
	Davis Select Financial ETF	DFNL	34.93	235	15	3	4	4	2	1	3	3	3	3	5	5	10	8	6	7	7	15	D1	1	BF	BR	- 72	-10.27%	-10.25%	-4.54%
	Invesco Global Listed Private Equity E	PSP	56.93	221	18	12	11	14	7	2	4	4	2	2	3	3	8	5	3	4	11	12	D2	1	BF	BR	- 71	-10.53%	-11.26%	-8.67%
EF-46	Healthcare (Intl)																													
	iShares Global Healthcare ETF	IXJ	84.61	3,668	21	22	18	19	17	17	8	8	14	16	19	29	25	26	28	28	29	28	D2	3	BF	BF	- 4	-8.55%	-12.72%	-11.02%
	ARK Genomic Revolution ETF	ARKG	19.00	895	15	14	12	14	6	10	24	29	28	28	29	30	29	30	30	29	30	30	D2	1	BF	BF	+ 20	-6.80%	-9.89%	-2.35%
	Global X Aging Population ETF	AGNG	29.06	54	30	30	27	29	30	28	2	1	3	4	3	28	18	10	28	25	28	27	D2	4	BF	BF	- 5	-11.83%	-18.56%	-26.01%
EF-47	Materials (Intl)																													
	VanEck Gold Miners ETF	GDX	41.68	13,323	14	4	4	5	14	27	21	18	15	26	23	25	24	29	29	28	27	24	U3	1	BF	BF	- 1	-9.27%	-6.70%	-0.74%
	VanEck Junior Gold Miners ETF	GDXJ	51.38	4,737	1	1	1	1	1	4	2	3	1	8	14	20	18	28	29	29	28	24	U3	4	BR	AR	- 54	-9.62%	-1.14%	16.11%
	FlexShares Morningstar Global Upstre	GUNR	34.96	4,391	17	11	11	9	13	28	19	22	29	24	25	24	29	29	30	30	26	28	D3	1	BF	BF	+ 19	-9.71%	-7.95%	-4.17%
	Global X Uranium ETF	URA	20.82	2,387	30	30	30	30	30	30	30	27	9	19	2	18	22	6	22	22	15	10	D3	7	BF	BF	- 23	-9.87%	-13.03%	-27.81%

			Relative Strength Ranking - RSR																				% Price Δ								
			MKT	04/04	03/28	03/21	03/14	03/07	02/28	02/21	02/14	02/07	01/31	01/24	01/17	01/10	01/03	12/31	12/27	12/20	12/13	TRIPLE	50	200							
Group or Corp		Ticker	Price	Cap(MM)	04	28	21	14	07	28	21	14	07	31	24	17	10	03	31	27	20	13	CYCLE	DAY	DAY	MACD	1 week	1 month	3 month		
EF-47	Materials (Intl)																														
	Global X Copper Miners ETF	COPX	32.67	2,172	29	20	14	15	25	30	30	26	27	30	30	30	29	30	30	30	29	29	D3	1	BF	BF	+ 18	-18.35%	-18.22%	-16.14%	
	Global X Silver Miners ETF	SIL	34.73	1,249	8	1	1	1	3	21	11	8	6	19	25	27	24	28	28	28	12	10	U3	2	BR	BR	- 52	-12.05%	-4.61%	5.98%	
	iShares MSCI Global Gold Miners ETF	RING	34.78	1,167	1	1	1	1	1	4	2	3	2	9	19	25	24	30	30	30	30	29	U3	4	BR	AR	- 1	-8.71%	0.49%	19.72%	
	ETFMG Prime Junior Silver Miners ETF	SILJ	10.46	951	16	1	1	1	17	30	29	25	19	29	30	30	30	30	30	30	28	29	U2	3	BF	BF	+ 9	-14.40%	-7.60%	1.16%	
	iShares MSCI Global Metals & Mining F	PICK	31.22	635	26	19	17	15	18	30	28	29	30	30	30	30	30	30	30	30	30	29	D3	1	BF	BF	- 1	-14.25%	-16.50%	-11.08%	
	Direxion Daily Gold Miners Index Bull 2	NUGT	50.58	420	1	1	1	1	2	8	4	6	6	14	25	30	30	30	30	30	30	30	U3	2	BR	AR	- 6	-17.00%	-1.42%	35.73%	
	Direxion Daily Junior Gold Miners Index	JNUG	48.69	229	1	1	1	1	2	13	5	6	5	13	25	29	29	30	30	30	27	28	U3	2	BR	AR	- 7	-19.65%	-4.86%	27.35%	
	iShares MSCI Global Silver Miners ETF	SLVP	12.97	227	7	1	1	1	2	17	6	6	3	13	23	27	25	29	30	30	30	25	U3	3	BR	BR	- 1	-13.48%	-6.62%	7.55%	
	VanEck Rare Earth/Strategic Metals E	REMX	34.66	223	28	22	16	14	18	30	28	29	27	29	23	12	23	28	29	29	29	26	D3	1	BF	BF	- 1	-15.22%	-17.22%	-13.39%	
	iShares Global Materials ETF	MXI	74.18	208	18	17	16	14	12	26	26	25	29	29	27	29	30	30	30	30	30	29	D3	1	BF	BF	- 1	-9.43%	-12.23%	-4.31%	
	Sprott Junior Gold Miners ETF	SGDJ	38.00	129	2	1	1	1	1	4	2	3	1	4	5	10	4	10	24	24	19	7	U3	11	BR	AR	- 68	-10.72%	-3.23%	8.90%	
	Direxion Daily Gold Miners Index Bear	DUST	42.83	124	27	30	30	30	30	30	30	30	30	30	30	30	19	7	5	3	4	13	21	D3	3	BF	BF	+ 54	17.25%	-3.03%	-32.47%
	U.S. Global GO GOLD and Precious M	GOAU	22.83	99	1	1	1	1	1	5	5	4	2	8	19	25	23	28	29	29	29	26	U3	4	AR	AR	+ 3	-7.66%	2.33%	16.88%	
	First Trust Indxx Global Natural Resour	FTRI	11.98	83	13	4	6	7	13	28	19	22	29	24	25	24	26	29	30	30	25	26	U2	2	BF	BF	+ 16	-9.31%	-5.27%	-1.90%	
Direxion Daily Junior Gold Miners Index	JDST	19.64	78	27	30	30	30	30	30	30	30	30	30	30	30	30	19	15	7	10	29	30	D3	10	BF	BF	+ 70	20.34%	-1.45%	-30.58%	
VanEck Steel ETF	SLX	54.25	66	24	18	16	13	18	26	26	26	30	30	30	30	30	30	30	30	30	29	D3	1	BF	BF	- 1	-12.32%	-13.23%	-6.14%		
Amplify Lithium & Battery Technology E	BATT	7.35	49	28	23	20	17	22	29	17	15	16	21	11	8	13	8	13	16	12	18	D3	5	BF	BF	- 23	-13.93%	-15.42%	-18.69%		
Invesco MSCI Global Timber ETF	CUT	28.69	44	20	25	26	22	18	28	27	26	27	24	20	24	28	28	27	26	28	25	D3	4	BF	BF	- 72	-6.79%	-11.99%	-9.50%		
Global X Gold Explorers ETF	GOEX	34.20	43	1	1	1	1	1	12	4	6	2	7	12	18	14	23	28	27	14	18	U3	4	BR	AR	- 53	-9.80%	-1.61%	12.38%		
EF-48	Manufacturing (Intl)				25	20	16	16	14	20	9	11	19	15	9	10	12	11	15	12	16	16	D3	1	BF	BF	- 6	-11.11%	-14.96%	-13.91%	
	iShares Global Industrials ETF	EXI	131.45	861	18	15	12	11	5	14	17	16	19	15	11	17	22	22	22	19	20	21	D2	1	BF	BF	- 70	-9.77%	-12.74%	-7.38%	
	First Trust NASDAQ Global Auto Index	CARZ	47.45	26	28	26	21	19	18	24	6	8	19	15	7	4	5	5	9	8	13	15	D3	1	BF	BF	- 23	-12.45%	-17.15%	-20.12%	
EF-49	Real Estate (Intl)				18	21	24	24	25	29	30	30	30	30	30	30	30	30	29	29	30	30	D3	3	BF	BF	- 1	-5.85%	-7.45%	-7.64%	
	Vanguard Global ex-U.S. Real Estate F	VNQI	39.01	2,973	9	14	16	15	18	27	27	27	29	29	30	29	29	28	27	27	28	29	U1	1	BF	BF	- 69	-4.03%	-4.11%	-1.59%	
	SPDR Dow Jones Global Real Estate F	RWO	40.83	1,023	15	17	11	9	13	17	19	22	29	24	25	29	29	28	27	28	20	22	D3	1	BF	BR	+ 12	-5.81%	-7.36%	-4.63%	
	FlexShares Global Quality Real Estate	GQRE	54.18	387	15	16	19	9	13	17	19	22	22	24	25	28	29	23	24	25	16	20	D3	1	BF	BR	+ 10	-6.00%	-7.28%	-5.01%	
	SPDR Dow Jones International Real E	RWX	23.82	245	7	7	8	9	13	28	28	30	30	30	30	30	30	30	30	30	29	U2	2	BR	BR	+ 18	-2.97%	-1.15%	4.03%		
	ETFMG Alternative Harvest ETF	AI MJ	17.55	101	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	D3	32	BF	BF	+ 36	-11.36%	-17.45%	-38.55%	
	First Trust Alerian Disruptive Technolog	DTRE	37.33	15	11	16	16	16	17	22	28	29	30	30	30	30	30	30	29	29	30	28	D3	1	BF	BF	- 36	-4.78%	-6.44%	-1.47%	
	WisdomTree New Economy Real Estat	WTRE	16.32	14	17	20	21	21	24	28	30	30	30	30	30	30	30	29	29	29	29	29	D3	2	BF	BF	- 69	-5.67%	-7.50%	-5.99%	
	ALPS REIT Dividend Dogs ETF	RDOG	34.72	11	17	20	22	9	13	17	30	30	30	30	30	29	30	28	28	27	15	19	D3	1	BF	BF	+ 11	-6.68%	-9.63%	-7.27%	
	FlexShares Real Assets Allocation Inde	ASET	29.34	7	10	12	9	9	9	17	19	22	22	24	25	27	29	27	27	28	22	22	D3	1	BF	BF	+ 13	-5.33%	-5.66%	-1.82%	
	EF-50	Technology (Intl)				28	27	25	25	24	19	4	3	3	3	2	2	2	2	1	1	1	1	D3	2	BF	BF	- 7	-11.34%	-15.84%	-19.50%
iShares Global Tech ETF		IXN	67.24	3,954	29	28	27	27	27	25	8	8	16	20	8	10	5	5	7	5	7	17	D3	3	BF	BF	- 114	-11.21%	-16.10%	-21.89%	
First Trust Cloud Computing ETF		SKYY	90.72	2,726	29	30	28	28	28	11	3	1	1	1	1	1	1	1	1	1	1	1	D3	1	BF	BF	- 15	-12.37%	-17.74%	-25.52%	
Global X Robotics & Artificial Intelligenc		BOTZ	25.38	2,092	29	29	27	26	26	24	6	10	8	11	3	10	12	6	13	11	11	15	D3	4	BF	BF	- 6	-12.33%	-18.76%	-22.97%	
ETFMG Prime Cyber Security ETF		HACK	64.68	1,740	23	19	14	14	7	4	2	1	1	1	1	1	1	1	5	7	5	7	D2	2	BF	BR	- 107	-10.66%	-13.92%	-14.18%	
ARK Next Generation Internet ETF		ARKW	85.38	1,272	29	28	25	27	23	4	1	1	1	1	1	1	1	1	1	1	1	1	D2	4	BF	BR	- 14	-11.39%	-15.31%	-24.59%	
Global X Lithium & Battery Tech ETF		LIT	34.92	818	28	26	24	20	23	28	10	17	23	27	20	11	22	20	13	13	9	11	D3	4	BF	BF	- 23	-11.30%	-14.31%	-14.16%	
iShares Robotics and Artificial Intelliger		IRBO	27.86	680	30	30	29	27	29	27	3	2	1	1	1	1	1	1	1	1	1	9	D3	1	BF	BF	- 28	-12.22%	-18.47%	-26.99%	
Amplify Transformational Data Sharing		BLOK	34.19	614	29	30	28	28	25	23	2	1	1	1	1	1	1	1	3	2	2	2	D3	1	BF	BR	- 71	-8.70%	-16.08%	-26.88%	
First Trust Nasdaq Artificial Intelligence		ROBT	36.41	375	29	28	27	25	25	28	8	3	5	4	2	7	8	5	7	6	6	4	D3	2	BF	BF	- 26	-11.69%	-16.78%	-20.55%	
ETFMG Prime Mobile Payments ETF		IPAY	47.62	240	27	26	24	27	24	5	7	3	1	1	1	1	1	1	4	5	3	4	D3	1	BF	BR	- 33	-10.55%	-13.47%	-19.65%	

				Relative Strength Ranking - RSR																		% Price Δ								
			MKT	04/04	03/28	03/21	03/14	03/07	02/28	02/21	02/14	02/07	01/31	01/24	01/17	01/10	01/03	12/31	12/27	12/20	12/13	TRIPLE	50	200						
Group or Corp		Ticker	Price	Cap(MM)																		CYCLE	DAY	DAY	MACD	1 week	1 month	3 month		
EF-50	Technology (Intl)																													
	Global X FinTech ETF	FINX	24.83	235	29	29	28	28	27	20	9	3	1	1	1	1	1	1	4	4	3	3	D3	2	BF	BF	- 68	-10.33%	-15.17%	-22.89%
	Global X Internet of Things ETF	SNSR	28.30	178	29	26	21	21	16	6	3	8	9	9	7	11	13	15	14	17	13	19	D3	1	BF	BF	- 18	-13.96%	-19.97%	-19.40%
	ALPS O'Shares Global Internet Giants	OGIG	39.31	116	26	25	19	20	17	3	1	1	1	1	1	1	1	1	1	1	1	1	D2	3	BF	BF	- 6	-10.70%	-14.25%	-16.45%
	First Trust Indxx Innovative Transaction	LEGR	44.32	84	15	7	5	5	5	7	8	9	12	11	13	13	14	13	14	11	11	16	D1	1	BF	BR	- 70	-8.84%	-10.51%	-4.70%
	ALPS Disruptive Technologies ETF	DTEC	39.38	76	24	22	19	19	17	9	6	4	3	2	3	5	5	5	4	3	3	12	D2	3	BF	BF	- 69	-9.79%	-13.19%	-14.12%
	3D Printing ETF	PRNT	17.24	66	28	27	22	20	18	22	6	3	2	4	4	11	9	5	7	5	11	11	D3	1	BF	BF	- 22	-11.81%	-17.51%	-19.43%
	Innovator Loup Frontier Tech ETF	LOUP	39.47	63	30	30	29	29	30	20	5	1	1	1	1	1	1	1	1	1	1	1	D3	1	BF	BF	- 7	-14.52%	-20.02%	-29.50%
	KraneShares Electric Vehicles & Futurr	KARS	19.29	57	20	18	14	5	5	10	4	8	10	21	16	7	13	10	11	6	6	12	D3	1	BF	BF	- 25	-9.90%	-13.48%	-9.44%
	Wedbush ETFMG Video Game Tech E	GAMR	59.57	33	19	14	6	6	3	2	1	1	2	5	13	11	9	5	11	12	8	11	D2	1	BF	BF	- 47	-11.05%	-13.24%	-10.32%
	Wedbush ETFMG Global Cloud Techn	IVES	37.49	19	30	30	27	27	29	24	3	4	6	6	2	5	3	5	11	12	8	10	D3	2	BF	BF	- 112	-13.49%	-18.62%	-24.84%
EF-51	Transportation (Intl)				30	30	29	29	25	5	4	2	1	1	1	1	1	1	1	1	1	1	D3	1	BF	BF	- 14	-14.53%	-21.58%	-28.13%
	U.S. Global Jets ETF	JETS	18.06	639	30	30	30	30	25	5	5	2	1	1	1	1	1	1	1	1	1	1	D3	1	BF	BF	- 14	-14.53%	-21.58%	-28.13%
EF-52	Utilities (Intl)				9	11	14	13	15	20	23	24	27	25	23	22	25	25	25	24	24	22	D2	1	BF	BR	- 1	-5.03%	-4.88%	-1.55%
	iShares Global Infrastructure ETF	IGF	51.98	5,796	8	7	8	11	17	17	18	17	19	21	13	11	14	11	14	14	16	21	D1	1	BF	BR	- 68	-4.57%	-1.85%	-1.92%
	FlexShares STOXX Global Broad Infra	NFRA	55.21	2,311	7	7	8	7	8	17	19	22	22	24	25	24	28	23	25	27	20	21	U3	1	BF	BR	- 4	-3.91%	-3.78%	1.17%
	Invesco S&P Global Water Index ETF	CGW	53.27	842	10	15	18	15	13	26	28	29	30	29	30	29	30	29	28	28	28	26	D3	1	BF	BF	- 69	-4.53%	-6.41%	-0.95%
	SPDR S&P Global Infrastructure ETF	GII	58.97	475	8	7	8	10	17	19	19	18	19	21	14	11	14	11	14	16	17	21	D1	1	BF	BR	- 68	-4.52%	-1.93%	-1.83%
	Invesco Global Water ETF	PIO	37.11	228	17	17	11	9	9	17	19	22	22	23	25	24	29	29	27	29	22	22	D3	1	BF	BF	+ 16	-7.64%	-10.29%	-4.42%
	GEOGRAPHY (Intl)																													
EF-53	Emerging Markets				12	13	10	7	12	24	13	20	26	27	25	26	26	24	24	23	23	22	D2	1	BF	BF	- 1	-6.17%	-6.95%	-3.79%
	iShares Core MSCI Emerging Markets	IEMG	50.26	77,441	15	13	7	7	8	22	6	17	25	27	24	26	26	23	25	23	24	23	D2	1	BF	BF	- 69	-7.08%	-8.44%	-4.45%
	Vanguard FTSE Emerging Markets ET	VWO	42.13	76,334	15	14	8	7	7	17	10	17	22	24	24	24	24	22	17	19	15	21	D2	1	BF	BF	- 68	-7.02%	-8.24%	-4.46%
	iShares MSCI Emerging Markets ETF	EEM	40.58	15,431	14	11	6	6	6	20	6	15	22	26	23	26	26	23	25	23	23	23	D1	1	BF	BF	- 68	-7.29%	-8.64%	-3.72%
	Schwab Emerging Markets Equity ETF	SCHE	25.68	8,747	14	12	6	7	7	22	6	15	21	25	23	25	24	22	22	19	18	19	D1	1	BF	BF	- 68	-6.99%	-8.19%	-4.00%
	Schwab Fundamental Emerging Marke	FNDE	28.54	6,050	10	5	4	2	2	9	4	11	21	23	23	25	26	23	22	20	22	20	U3	3	BF	BF	- 70	-7.25%	-8.58%	-1.52%
	iShares MSCI Emerging Markets Min	V EEMV	55.88	3,967	10	15	16	16	18	28	22	25	25	26	24	25	22	22	20	19	21	22	D3	1	BF	BF	- 67	-4.17%	-4.07%	-3.61%
	WisdomTree Emerging Markets High C	DEM	39.64	2,640	9	8	7	6	9	17	17	22	22	24	25	27	28	28	26	27	22	26	U3	1	BF	BF	- 3	-5.73%	-5.41%	-0.99%
	WisdomTree Emerging Markets ex-Sta	XSOE	28.68	1,543	17	17	15	14	17	28	15	24	27	28	26	26	26	23	22	22	16	22	D3	1	BF	BF	- 67	-7.36%	-8.60%	-6.82%
	Invesco FTSE RAFI Emerging Markets	PXH	20.18	1,169	10	4	5	4	4	10	7	11	16	19	22	24	24	21	17	20	15	21	U3	3	BF	BR	- 69	-7.00%	-8.69%	-0.86%
	Columbia EM Core ex-China ETF	XCEM	27.63	986	17	19	17	18	20	30	26	28	29	29	26	27	27	28	28	28	27	26	D3	4	BF	BF	- 1	-6.69%	-7.96%	-7.65%
	Goldman Sachs ActiveBeta Emerging	I GEM	31.01	834	12	10	6	6	8	22	6	16	23	26	23	25	24	23	24	22	22	23	U3	2	BF	BF	- 69	-6.78%	-7.49%	-3.34%
	iShares MSCI Emerging Markets Multif	EMGF	43.74	744	13	13	7	7	10	24	9	19	25	27	24	26	25	24	25	23	23	23	D1	1	BF	BF	- 71	-6.70%	-7.45%	-3.76%
	iShares Emerging Markets Dividend	E1DVYE	25.42	691	9	3	3	4	5	17	10	15	19	19	19	21	19	20	17	19	14	21	U3	3	BF	BR	- 115	-6.99%	-6.40%	-0.77%
	SPDR S&P Emerging Markets Dividen	EDIV	34.18	614	9	12	7	7	9	17	16	22	22	24	24	24	24	23	20	22	20	24	U3	1	BF	BF	- 5	-4.66%	-4.75%	-1.60%
	SPDR S&P Emerging Markets Small C	EWX	53.51	605	17	20	17	16	17	28	19	26	27	29	25	26	26	21	16	15	15	20	D3	1	BF	BF	- 119	-6.21%	-8.83%	-7.95%
	Cambria Emerging Shareholder Yield	E EYLD	29.69	466	16	15	12	11	17	28	23	27	29	29	29	29	29	29	28	28	27	28	D3	1	BF	BF	+ 20	-7.57%	-8.34%	-4.32%
	VanEck Emerging Markets High Yield	E HYEM	18.94	392	7	7	8	7	7	10	11	17	14	16	19	16	12	15	15	15	15	21	D1	1	BF	BR	- 72	-3.06%	-3.50%	-1.53%
	iShares MSCI Emerging Markets Asia	I EEMA	68.58	370	15	14	6	7	6	23	6	17	26	28	25	26	27	23	24	22	23	23	D2	1	BF	BF	- 67	-7.36%	-9.74%	-5.21%
	First Trust Emerging Markets AlphaDE	FEM	21.38	367	11	7	7	5	6	17	19	20	22	24	25	24	29	23	22	25	20	25	U3	1	BF	BF	- 1	-6.72%	-7.58%	-3.28%
	Invesco S&P Emerging Markets Low	V EELV	23.08	344	9	12	8	8	10	17	19	22	22	24	25	28	27	28	25	26	21	23	U2	4	BF	BR	- 3	-4.55%	-4.04%	-0.22%
	EMQQ The Emerging Markets Internet	EMQQ	34.87	326	15	4	2	1	1	4	1	3	9	16	24	25	29	21	22	19	11	17	U3	2	BF	BR	- 67	-9.27%	-12.00%	-0.75%
	J.P. Morgan Diversified Return Emerg	JPEM	50.18	301	10	14	9	7	10	28	19	22	22	24	25	24	25	23	22	22	18	24	D3	1	BF	BF	+ 15	-5.00%	-4.85%	-2.59%
	iShares MSCI Emerging Markets Small	EEMS	53.01	292	17	21	20	21	24	30	28	30	30	30	30	29	29	25	25	26	25	26	D3	17	BF	BF	- 2	-5.30%	-7.11%	-9.18%
	Nuveen ESG Emerging Markets Equity	NUEM	27.46	288	15	17	14	11	10	26	8	15	21	26	23	23	23	21	20	18	18	20	D3	1	BF	BF	- 65	-6.12%	-8.62%	-5.54%

			Relative Strength Ranking - RSR																				% Price Δ							
Group or Corp	Ticker	Price	MKT Cap(MM)	04/04	03/28	03/21	03/14	03/07	02/28	02/21	02/14	02/07	01/31	01/24	01/17	01/10	01/03	12/31	12/27	12/20	12/13	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month		
EF-53	Emerging Markets																													
	First Trust Emerging Markets Small Ca FEMS	34.48	236	18	17	11	7	13	29	19	22	29	29	25	29	29	26	24	25	19	23	D3	1	BF	BF	+ 21	-8.15%	-9.74%	-8.51%	
	FlexShares Morningstar Emerging Mari TLTE	49.44	232	12	13	6	7	9	25	10	20	27	28	26	27	28	25	25	25	24	24	U3	1	BF	BF	- 71	-6.31%	-7.39%	-3.29%	
	VictoryShares Emerging Markets Value UEVM	44.26	179	15	15	11	11	10	28	19	22	22	24	25	24	24	21	16	18	16	22	D3	1	BF	BF	+ 9	-6.67%	-6.87%	-5.96%	
	iShares Currency Hedged MSCI Emerg HEEM	26.09	149	12	8	6	5	4	17	5	11	14	18	20	21	20	15	20	18	20	21	D1	1	BF	BF	- 68	-7.25%	-8.40%	-4.78%	
	WisdomTree Emerging Markets Quality DGRE	22.80	121	18	21	11	24	28	30	30	30	30	30	30	29	29	28	28	29	22	26	D3	16	BF	BF	+ 17	-6.60%	-6.55%	-9.43%	
	PIMCO RAFI Dynamic Multi-Factor Em MFEM	17.80	91	16	10	11	9	13	29	19	22	29	29	25	28	28	23	22	22	19	24	D3	1	BF	BF	+ 13	-6.14%	-6.97%	-5.70%	
	Invesco DWA Emerging Markets Momentum PIE	16.79	83	23	25	23	9	13	30	29	30	30	30	30	30	29	28	27	27	22	26	D3	1	BF	BF	+ 30	-8.60%	-12.17%	-13.37%	
	Columbia Emerging Markets Consumer ECON	20.21	81	12	7	5	6	5	22	6	15	25	24	23	26	25	24	24	23	23	24	U3	2	BF	BF	- 2	-7.34%	-8.38%	-3.03%	
	WisdomTree Emerging Markets Multifactor EMMF	24.96	80	15	17	11	9	13	30	28	22	29	24	25	27	24	23	25	25	22	26	D3	1	BF	BF	+ 15	-6.22%	-5.45%	-6.95%	
	iShares MSCI BIC ETF	37.12	78	7	2	1	1	1	5	2	6	17	22	26	26	28	22	22	19	18	21	U3	3	BR	BR	- 56	-7.44%	-7.50%	1.64%	
	WisdomTree Emerging Markets Corporate EMCB	64.62	71	6	13	8	7	10	10	16	22	21	24	23	20	15	20	16	18	16	22	U3	7	BR	AR	- 72	-0.22%	0.38%	1.27%	
	WisdomTree Emerging Markets Local IELD	26.12	69	4	9	7	6	8	17	19	22	22	24	23	28	25	28	25	25	22	26	U3	2	AR	AR	- 3	-0.36%	-0.78%	4.15%	
	Xtrackers MSCI Emerging Markets Hedged DBEM	23.90	66	13	10	6	6	6	17	6	14	16	21	22	22	22	19	20	18	19	22	D1	1	BF	BF	- 69	-7.02%	-7.98%	-4.59%	
	SPDR MSCI Emerging Markets Strategic QEMM	54.24	35	15	16	15	15	18	28	20	26	28	28	24	26	24	23	24	23	23	23	D3	1	BF	BF	- 70	-5.83%	-6.50%	-5.30%	
	Global X MSCI SuperDividend Emerging SDEM	24.47	34	6	4	5	3	5	10	8	11	16	15	18	21	22	22	22	22	18	24	U3	6	BR	AF	- 8	-5.03%	-3.90%	2.91%	
	First Trust Riverfront Dynamic Emerging RFEM	60.80	27	12	10	6	6	5	20	8	18	22	24	23	25	23	19	23	20	22	20	D1	1	BF	BF	- 74	-6.75%	-8.39%	-5.24%	
	Hartford Multifactor Emerging Markets IROAM	21.99	26	13	12	6	7	10	24	13	24	27	28	26	26	26	25	26	25	26	26	D1	1	BF	BF	- 1	-6.71%	-7.62%	-4.16%	
	ALPS Emerging Sector Dividend Dogs EDOG	19.60	24	15	14	15	9	10	28	16	20	22	22	24	24	23	23	22	22	16	22	D3	1	BF	BF	- 7	-6.58%	-6.83%	-4.35%	
	First Trust Emerging Markets Equity Select RNEM	49.14	17	8	7	8	11	17	28	22	26	29	28	28	29	29	28	27	26	26	25	U2	3	BF	BF	+ 8	-4.64%	-3.29%	-0.62%	
	Franklin Emerging Market Core Dividend DIEM	25.33	13	15	14	8	7	8	17	11	19	22	24	23	24	23	22	18	20	16	22	D2	1	BF	BF	- 70	-6.72%	-7.61%	-4.60%	
	Invesco S&P Emerging Markets Momentum EEMO	13.85	11	25	26	25	27	29	30	30	30	30	30	30	29	28	23	25	26	20	24	D3	16	BF	BF	+ 14	-7.93%	-9.75%	-15.41%	
	KraneShares MSCI All China Index ETI KALL	21.03	9	7	1	1	1	1	1	1	3	6	11	17	18	24	13	5	4	5	17	U3	4	BR	AR	- 28	-7.60%	-9.14%	4.53%	
	iShares Emerging Markets Infrastructure EMIF	20.51	8	9	14	8	12	19	28	25	25	25	28	26	25	28	27	24	25	24	26	U3	1	BF	BF	+ 11	-3.25%	-1.65%	-0.44%	
	ProShares MSCI Emerging Markets Dividend EMDV	41.62	7	10	17	11	9	13	29	19	22	29	24	25	28	28	23	22	22	16	23	U1	5	BF	BF	+ 12	-3.92%	-3.27%	-2.25%	
EF-54	Frontier Markets				30	30	30	30	30	30	26	22	22	23	20	13	20	17	19	18	24	D2	4	BF	BF	- 7	0.00%	0.00%	-100.00%	
EF-55	Europe/UK				7	1	1	1	1	2	3	6	14	18	20	25	26	28	27	27	28	27	U3	5	BF	BF	- 1	-8.88%	-10.72%	3.25%
	Vanguard FTSE Europe ETF	VGK	65.02	20,133	9	1	1	3	2	7	9	12	17	19	22	24	28	28	29	24	26	U3	4	BF	BF	- 6	-8.40%	-10.99%	2.89%	
	iShares MSCI Eurozone ETF	EZU	49.55	8,126	6	1	1	1	1	2	2	4	10	11	14	20	23	28	27	26	27	U3	6	BF	BF	+ 20	-8.07%	-11.01%	5.63%	
	iShares Core MSCI Europe ETF	IEUR	55.71	4,986	8	1	1	1	1	3	5	8	16	19	21	27	28	29	28	29	28	U3	5	BF	BF	+ 20	-8.36%	-10.94%	3.15%	
	SPDR EURO STOXX 50 ETF	FEZ	50.27	4,147	7	1	3	2	2	6	7	8	13	13	14	19	19	29	26	28	22	26	U3	6	BF	BR	- 8	-8.62%	-11.96%	5.13%
	iShares MSCI United Kingdom ETF	EWU	34.62	2,988	8	1	1	1	1	3	6	11	14	19	23	26	28	28	27	27	26	U3	5	BF	BF	- 1	-7.90%	-8.49%	1.91%	
	iShares MSCI Europe Financials ETF	EUFN	25.61	2,698	2	1	1	1	1	1	1	2	2	4	4	10	12	20	16	17	20	20	U3	12	BR	AR	- 1	-11.23%	-11.75%	10.01%
	iShares MSCI Germany ETF	EWG	34.32	1,853	3	1	1	1	1	1	2	2	5	4	5	11	14	23	20	18	18	16	U3	10	BF	AR	- 1	-8.21%	-11.57%	8.37%
	iShares Europe ETF	IEV	53.79	1,834	8	1	1	1	1	2	3	7	16	19	21	26	27	29	28	29	28	28	U3	5	BF	BF	+ 20	-8.63%	-11.33%	3.07%
	WisdomTree Europe Hedged Equity Fund HEDJ	43.56	1,555	10	2	1	1	1	1	1	2	2	3	7	7	7	21	18	22	16	22	D1	1	BF	BF	- 1	-9.06%	-12.48%	-0.09%	
	iShares MSCI Switzerland ETF	EWL	48.36	1,052	7	1	1	1	1	2	4	8	19	20	25	29	30	29	29	30	30	U3	4	BF	BF	+ 11	-7.85%	-9.66%	4.54%	
	SPDR Portfolio Europe ETF	SPEU	40.87	989	9	1	3	3	2	7	9	12	18	21	22	24	28	29	28	29	25	26	U3	3	BF	BF	- 6	-8.34%	-10.80%	3.01%
	iShares MSCI Spain ETF	EWP	35.74	871	1	1	1	1	1	1	2	4	8	17	22	25	24	27	27	27	26	U3	5	BR	AR	+ 5	-6.95%	-5.60%	14.48%	
	Franklin FTSE United Kingdom ETF	FLGB	26.53	674	8	1	2	1	1	2	6	10	13	16	21	24	24	25	25	25	25	25	U3	5	BF	BR	- 1	-7.98%	-8.64%	1.18%
	iShares Currency Hedged MSCI Eurozone HEZU	35.83	632	9	1	1	1	1	1	2	2	3	4	6	5	5	16	14	17	19	21	D1	1	BF	BF	- 3	-9.01%	-11.84%	-0.05%	
	Xtrackers MSCI Europe Hedged Equity DBEU	40.48	599	11	3	2	1	1	1	2	4	5	5	11	12	11	20	21	22	24	21	D1	1	BF	BF	- 1	-9.22%	-11.62%	-2.53%	
	iShares MSCI France ETF	EWQ	37.21	447	7	1	1	1	1	3	3	4	12	13	12	24	27	30	28	29	29	29	U3	5	BF	BF	+ 23	-7.78%	-11.13%	5.26%
	iShares MSCI Sweden ETF	EWD	38.17	332	12	1	1	1	1	1	2	3	6	13	17	25	29	29	29	30	29	U3	5	BF	BF	- 1	-11.11%	-15.40%	0.85%	
	iShares MSCI Italy ETF	EWI	38.49	318	5	1	1	1	1	1	2	3	6	8	11	14	17	27	25	25	26	23	U3	8	BF	AR	- 1	-10.07%	-10.18%	7.91%

			Relative Strength Ranking - RSR																				% Price Δ							
			MKT	04/04	03/28	03/21	03/14	03/07	02/28	02/21	02/14	02/07	01/31	01/24	01/17	01/10	01/03	12/31	12/27	12/20	12/13	TRIPLE	50	200						
Group or Corp		Ticker	Price	Cap(MM)	04	28	21	14	07	28	21	14	07	31	24	17	10	03	31	27	20	13	CYCLE	DAY	DAY	MACD	1 week	1 month	3 month	
EF-55	Europe/UK																													
	iShares MSCI Poland ETF	EPOL	25.14	292	1	1	1	1	1	1	1	1	2	4	6	22	26	29	29	29	29	29	U3	8	BR	AR	+ 24	-11.57%	-8.32%	18.36%
	iShares MSCI Netherlands ETF	EWN	43.14	222	15	7	4	2	2	15	8	9	28	28	27	26	29	29	29	29	29	29	D1	1	BF	BF	+ 23	-8.87%	-12.60%	-3.73%
	First Trust Stoxx European Select Divic	FDD	12.35	209	1	1	2	2	2	4	7	10	14	14	19	24	27	26	26	29	22	25	U3	5	BR	AR	- 7	-9.59%	-9.33%	9.94%
	First Trust Europe AlphaDEX Fund	FEP	37.21	205	7	1	2	2	2	6	8	10	15	19	20	24	26	28	27	28	22	24	U3	5	BF	BR	- 7	-10.08%	-12.30%	4.24%
	iShares MSCI Denmark ETF	EDEN	94.58	194	26	25	21	19	17	28	30	30	30	30	30	30	30	30	30	30	30	30	D3	1	BF	BF	+ 23	-10.07%	-17.03%	-12.42%
	Global X DAX Germany ETF	DAX	36.06	187	3	1	1	1	1	1	2	2	3	2	3	10	12	21	16	17	12	17	U3	12	BF	AR	- 68	-8.52%	-11.81%	8.55%
	Global X MSCI Greece ETF	GREK	43.59	166	1	1	1	1	1	2	2	3	9	8	7	15	11	21	22	21	19	25	U3	8	BR	AR	+ 20	-10.07%	-4.26%	10.97%
	WisdomTree Europe SmallCap Divider	DFE	56.30	135	9	1	4	4	4	17	11	17	22	24	25	30	29	29	28	29	26	29	U3	2	BF	BF	- 4	-8.87%	-8.88%	-0.14%
	Goldman Sachs ActiveBeta Europe Eq	GSEU	35.72	88	8	1	1	1	1	3	6	8	17	19	22	27	28	29	28	29	24	26	U3	4	BF	BF	+ 18	-8.22%	-10.86%	3.37%
	Franklin FTSE Europe ETF	FLEE	28.60	80	8	1	1	1	1	2	5	7	15	19	21	26	27	29	28	28	28	26	U3	5	BF	BF	+ 19	-8.39%	-10.76%	3.34%
	WisdomTree Europe Hedged SmallCap	EUSC	38.38	75	8	1	2	2	2	4	7	8	11	12	14	13	12	16	17	21	16	22	U3	12	BF	BR	- 71	-10.31%	-11.56%	0.50%
	Xtrackers MSCI Eurozone Hedged Equ	DBEZ	45.59	64	9	1	1	1	1	1	2	2	3	4	7	7	6	17	15	18	21	22	D1	1	BF	BF	- 2	-9.66%	-12.40%	-0.34%
	WisdomTree Europe Quality Dividend	EUDG	30.53	61	9	4	4	4	3	9	10	15	22	24	25	29	29	30	28	29	28	29	U3	2	BF	BF	- 4	-7.03%	-10.32%	2.88%
	First Trust Switzerland AlphaDEX Fund	FSZ	62.85	57	11	3	5	5	4	13	12	19	22	24	25	29	29	29	28	29	25	25	U3	2	BF	BF	- 5	-8.91%	-10.12%	-1.09%
	iShares MSCI Ireland ETF	EIRL	56.11	56	15	16	12	11	4	25	28	30	30	30	30	30	30	30	30	30	30	30	D3	1	BF	BF	+ 23	-6.80%	-11.39%	-3.97%
	First Trust United Kingdom AlphaDEX	FKU	37.59	51	9	4	6	6	5	9	12	15	18	21	25	28	29	23	25	25	17	22	U3	2	BF	BR	- 6	-6.96%	-8.63%	-0.68%
	Global X MSCI Norway ETF	NORW	24.03	45	9	1	1	1	2	14	10	18	22	19	20	24	22	25	28	29	25	26	U3	4	BF	BF	+ 17	-10.84%	-7.40%	0.26%
	First Trust Eurozone AlphaDEX ETF	FEUZ	42.76	41	6	1	2	2	2	6	8	10	15	19	18	24	25	28	27	29	22	26	U3	5	BR	AR	- 7	-9.16%	-11.97%	6.48%
	ALPS O'Shares Europe Quality Divider	OEUR	28.54	34	7	3	2	4	3	9	10	15	22	24	24	28	29	29	28	29	26	26	U3	3	BF	BF	- 5	-5.99%	-8.89%	4.66%
	iShares MSCI United Kingdom Small C	EWUS	32.18	34	17	15	16	15	12	28	28	26	29	28	30	30	30	29	28	29	28	26	D3	1	BF	BF	- 1	-9.06%	-11.06%	-6.49%
	Pacer Trendpilot European Index ETF	PTEU	25.23	29	7	1	1	1	1	3	5	6	18	19	19	25	28	29	28	29	29	29	U3	5	BF	BF	+ 20	-8.21%	-10.34%	5.91%
	iShares MSCI Finland ETF	EFNL	34.04	29	7	1	1	1	1	4	5	12	27	26	25	29	29	29	29	29	30	29	U3	4	BF	BF	+ 20	-8.57%	-11.95%	4.00%
	iShares MSCI Norway ETF	ENOR	22.90	29	9	1	1	1	2	11	11	19	21	19	21	24	22	25	27	29	29	26	U3	4	BF	BF	+ 18	-11.30%	-7.37%	-0.07%
	First Trust Germany AlphaDEX Fund	FGM	42.62	15	1	1	1	1	1	1	2	1	5	2	2	11	14	20	15	16	18	16	U3	11	BR	AR	- 1	-9.20%	-11.94%	11.69%
iShares MSCI Belgium ETF	EWK	18.79	11	7	3	2	1	2	17	23	26	30	29	30	30	29	29	28	29	29	29	U3	2	BR	BR	+ 8	-5.53%	-7.48%	3.14%	
ProShares Ultra FTSE Europe	UPV	56.14	6	16	1	2	2	2	5	7	8	19	22	24	30	30	30	30	30	29	29	U3	3	BF	BF	- 5	-16.44%	-21.71%	3.19%	
ProShares MSCI Europe Dividend Gro	EUDV	47.25	6	9	7	7	6	5	17	19	21	29	24	25	29	29	29	28	29	26	26	U3	2	BF	BF	- 3	-5.04%	-7.45%	1.88%	
First Trust Riverfront Dynamic Europe I	RFEU	59.57	6	9	2	2	1	1	5	12	17	22	27	27	28	29	29	28	29	29	29	U3	4	BF	BF	+ 21	-8.24%	-9.52%	0.80%	
EF-56	Canada				14	16	15	18	18	16	13	15	12	17	15	18	14	13	12	15	14	14	D3	4	BF	BR	- 6	-5.28%	-5.13%	-5.13%
	iShares MSCI Canada ETF	EWC	38.41	2,443	14	16	16	19	18	17	14	15	13	19	15	18	14	13	13	15	16	18	D3	4	BF	BR	- 69	-5.32%	-5.09%	-5.37%
	Franklin FTSE Canada ETF	FLCA	35.06	377	14	16	15	18	18	13	12	12	10	13	14	17	12	11	11	14	14	18	D2	3	BF	BR	- 69	-5.24%	-5.17%	-4.88%
EF-57	Latin America				6	3	2	4	12	26	11	14	24	26	29	30	30	30	30	30	29	29	U3	2	BR	BF	+ 11	-5.07%	-2.23%	6.19%
	iShares MSCI Brazil ETF	EWZ	24.50	3,119	7	3	2	6	19	30	24	15	29	28	30	30	30	30	30	30	30	30	U3	2	BR	BF	+ 51	-5.62%	-1.29%	9.13%
	iShares MSCI Mexico ETF	EWV	49.92	1,443	6	4	5	2	5	17	6	8	20	29	26	30	30	30	30	30	29	29	U3	3	BF	BF	+ 43	-3.29%	-3.12%	6.58%
	iShares Latin America 40 ETF	ILF	22.44	1,279	7	3	2	3	17	28	14	11	21	27	30	30	30	30	30	30	30	30	U3	2	BF	BF	+ 44	-5.60%	-2.22%	7.52%
	Global X MSCI Argentina ETF	ARGT	73.67	862	17	3	1	1	2	2	1	1	1	1	1	1	1	1	2	2	2	2	D2	1	BF	BR	- 70	-11.46%	-10.33%	-16.48%
	iShares MSCI Chile ETF	ECH	28.19	550	1	1	1	1	1	1	2	2	1	5	11	20	22	29	25	25	25	26	U3	8	BR	AR	+ 23	-5.28%	-5.31%	14.78%
	Columbia India Consumer ETF	INCO	58.18	308	16	26	27	30	30	30	30	30	30	30	30	30	30	28	29	29	29	29	D3	19	BF	BF	+ 19	-2.02%	1.48%	-12.55%
	Franklin FTSE Brazil ETF	FLBR	15.65	167	5	1	1	3	17	29	12	15	29	28	30	30	30	30	30	30	30	30	U3	2	BR	BF	+ 50	-5.65%	0.29%	11.79%
	iShares MSCI Peru ETF	EPV	40.05	124	9	1	1	2	13	22	22	15	11	27	25	21	18	23	24	22	21	21	U3	2	BF	BF	- 69	-9.39%	-3.67%	0.46%
	iShares MSCI Brazil Small-Cap ETF	EWZS	10.41	122	6	3	4	11	23	30	24	19	30	30	30	30	30	30	30	30	30	30	U3	1	BR	BF	+ 50	-4.84%	0.19%	13.40%
	Global X MSCI Colombia ETF	GXG	26.37	87	1	1	1	1	1	1	1	1	1	1	4	10	3	10	21	22	16	23	U3	11	BR	AR	+ 30	-2.44%	-3.09%	12.58%
	Franklin FTSE Mexico ETF	FLMX	24.66	44	6	7	6	5	8	22	12	15	28	30	29	30	30	30	30	29	28	30	U3	1	BR	BF	+ 42	-2.80%	-2.68%	6.99%
	VanEck Brazil Small-Cap ETF	BRF	12.24	16	6	3	4	8	19	30	22	19	30	30	30	30	30	30	30	30	30	30	U3	1	BR	BF	+ 51	-4.25%	-0.13%	13.13%

			Relative Strength Ranking - RSR																				% Price Δ								
Group or Corp		Ticker	Price	MKT Cap(MM)	04/04	03/28	03/21	03/14	03/07	02/28	02/21	02/14	02/07	01/31	01/24	01/17	01/10	01/03	12/31	12/27	12/20	12/13	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month		
EF-57	Latin America																														
	First Trust Latin America AlphaDEX Fu	FLN	16.61	10	5	2	4	4	7	24	16	15	22	24	30	30	30	30	30	30	30	29	30	U3	2	BR	BF	+ 43	-4.76%	-1.65%	11.17%
	First Trust Brazil AlphaDEX Fund	FBZ	9.81	5	6	4	5	7	13	30	28	22	30	30	30	30	30	30	30	30	30	30	30	U2	2	BR	BF	+ 22	-3.64%	-0.05%	10.67%
EF-58	Japan				15	5	3	4	4	14	14	17	17	17	18	21	17	12	11	13	20	19	D1	1	BF	BF	- 1	-9.36%	-9.64%	-7.28%	
	iShares MSCI Japan ETF	EWJ	61.51	12,511	18	8	4	5	5	17	15	19	21	22	21	27	25	22	23	20	25	23	D1	1	BF	BF	- 2	-11.14%	-12.34%	-8.58%	
	JPMorgan BetaBuilders Japan ETF	BBJP	50.42	10,512	18	7	4	5	5	17	16	20	22	22	22	27	25	22	23	20	25	23	D1	1	BF	BF	- 1	-11.00%	-12.10%	-8.34%	
	WisdomTree Japan Hedged Equity Fur	DXJ	96.08	2,998	20	5	2	5	5	7	17	12	14	7	7	12	5	4	3	4	15	19	D2	1	BF	BF	- 25	-13.34%	-12.81%	-12.96%	
	Franklin FTSE Japan ETF	FLJP	26.48	1,875	17	7	3	4	4	17	16	20	22	22	22	27	25	22	23	20	25	23	D1	1	BF	BF	- 1	-10.69%	-11.73%	-7.67%	
	Xtrackers MSCI Japan Hedged Equity I	DBJP	64.97	338	22	13	5	7	11	17	20	14	16	8	7	15	7	5	4	5	12	16	D2	1	BF	BF	- 2	-13.26%	-13.10%	-14.42%	
	iShares Currency Hedged MSCI Japan	HEWJ	36.78	314	21	12	4	7	10	15	19	14	16	8	7	15	6	5	4	6	12	19	D2	1	BF	BF	- 26	-13.00%	-12.97%	-14.05%	
	Japan Smaller Capitalization Fund Inc	JOJ	7.75	220	5	1	1	1	1	4	5	10	8	18	15	21	14	6	8	14	16	20	U3	12	BF	AR	+ 11	-7.52%	-5.60%	-0.51%	
	First Trust Japan AlphaDEX Fund	FJP	48.42	138	16	3	1	1	1	4	5	12	12	18	21	25	22	17	14	16	22	20	U3	8	BF	BF	- 1	-11.72%	-13.74%	-6.05%	
	iShares JPX-Nikkei 400 ETF	JPXN	66.12	79	16	7	4	5	5	18	20	24	25	24	24	28	28	25	25	24	26	25	U3	3	BF	BF	- 1	-10.16%	-11.25%	-6.85%	
	WisdomTree Japan Hedged SmallCap	DXJS	31.29	69	16	3	2	4	4	15	18	11	10	8	11	16	5	5	3	6	14	19	U3	4	BF	BF	- 28	-11.41%	-9.90%	-9.25%	
	Goldman Sachs ActiveBeta Japan Equ	GSJY	34.26	34	18	7	3	4	4	16	15	19	21	22	23	27	25	21	20	19	24	22	D1	1	BF	BF	- 120	-11.94%	-12.91%	-9.21%	
	ProShares UltraShort MSCI Japan	EWV	49.42	7	1	17	28	24	27	17	19	22	22	22	25	10	5	12	14	9	22	30	U2	1	AR	AR	+ 5	24.96%	28.58%	17.94%	
	ProShares Ultra MSCI Japan	EZJ	29.97	4	29	14	4	5	5	17	19	22	22	24	25	30	30	29	27	30	22	20	D2	1	BF	BF	- 1	-21.53%	-24.27%	-18.79%	
EF-59	Middle East/Africa				15	12	13	6	7	7	5	5	5	7	9	8	7	6	8	10	9	12	D2	1	BF	BF	- 6	-7.51%	-8.71%	-7.06%	
	iShares MSCI Saudi Arabia ETF	KSA	38.98	645	11	14	19	16	20	22	11	15	13	11	17	14	14	15	22	20	16	24	D2	4	BF	BF	- 4	-5.09%	-3.49%	-5.46%	
	iShares MSCI South Africa ETF	EZA	41.29	310	17	2	3	3	4	25	6	16	18	29	29	29	30	28	29	28	24	18	U3	1	BF	BF	- 50	-13.26%	-11.85%	-3.48%	
	iShares MSCI Israel ETF	EIS	70.80	227	13	14	4	1	2	1	1	1	1	1	1	1	1	1	1	1	1	6	D2	1	BF	BR	- 68	-5.28%	-8.80%	-7.94%	
	iShares MSCI Turkey ETF	TUR	31.67	168	18	26	30	1	2	29	30	29	26	23	21	20	18	16	25	20	27	24	D3	2	BF	BF	+ 30	-3.06%	-15.05%	-14.47%	
	iShares MSCI UAE ETF	UAE	15.60	99	9	3	3	1	2	1	2	2	1	1	1	1	1	1	1	1	1	18	D1	3	BF	BR	- 35	-7.42%	-7.80%	-4.84%	
	ARK Israel Innovative Technology ETF	IZRL	20.44	89	16	16	8	4	4	2	1	1	1	1	1	1	1	1	1	1	7	10	D2	1	BF	BR	- 22	-6.24%	-8.91%	-11.28%	
	VanEck Israel ETF	ISRA	39.78	86	15	15	6	3	2	2	2	1	1	1	1	1	1	1	1	1	5	8	D2	1	BF	BR	- 65	-6.10%	-9.06%	-8.94%	
	BlueStar Israel Technology ETF BlueSi	ITEQ	44.85	78	21	21	16	18	17	5	3	1	1	1	1	1	2	1	8	8	6	7	D2	3	BF	BF	- 38	-9.01%	-11.57%	-13.91%	
	iShares MSCI Qatar ETF	QAT	16.83	69	14	16	14	11	15	17	21	24	21	19	19	19	14	12	10	16	13	21	D3	1	BF	BF	- 38	-5.18%	-6.86%	-6.08%	
	VanEck Africa Index ETF	AFK	15.45	39	14	1	2	2	5	17	6	8	7	17	22	21	21	22	28	26	24	19	U3	4	BF	BF	- 1	-11.97%	-8.36%	-3.38%	
	Commonwealth Africa Fund	CAFRX	7.35	4	20	12	12	16	18	29	22	26	25	29	29	28	29	25	26	24	18	17	D3	1	BF	BF	- 53	-11.98%	-10.91%	-8.47%	
	T. Rowe Price Africa & Middle East Fur	TRAMX	10.31	0	7	3	6	7	5	11	6	15	10	18	21	18	17	19	22	20	14	22	U3	7	BF	BR	- 67	-5.59%	-4.36%	-0.19%	
	EF-60	Asia/Pacific				16	18	19	20	23	30	28	29	30	29	29	28	28	26	27	26	27	25	D3	1	BF	BF	- 1	-6.76%	-7.34%	-7.97%
iShares MSCI India ETF		INDA	49.19	8,515	13	19	20	27	30	30	30	30	30	30	30	30	30	30	28	28	28	27	26	U1	1	BF	BF	+ 3	-4.08%	0.22%	-7.83%
Vanguard FTSE Pacific ETF		VPL	65.90	6,340	18	14	6	7	8	17	19	22	22	24	24	27	28	23	25	28	22	23	D2	1	BF	BF	- 1	-9.73%	-11.23%	-7.43%	
iShares MSCI Taiwan ETF		EWT	43.82	3,931	26	27	24	22	21	28	17	23	26	28	18	21	20	19	20	17	19	22	D3	5	BF	BF	- 72	-8.36%	-14.46%	-16.10%	
WisdomTree India Earnings Fund		EPI	41.47	2,895	16	20	23	29	30	30	30	30	30	30	30	30	30	30	29	28	29	28	26	D3	19	BF	BF	+ 19	-4.62%	-0.48%	-9.53%
iShares MSCI South Korea ETF		EWY	51.25	2,757	16	17	11	15	18	29	17	27	30	30	30	30	30	30	30	30	30	30	D3	1	BF	BF	+ 29	-6.46%	-7.96%	-3.01%	
iShares Core MSCI Pacific ETF		IPAC	56.26	1,789	18	12	6	7	8	21	17	19	22	23	23	26	24	22	23	21	25	23	D2	1	BF	BF	- 70	-10.29%	-11.39%	-8.16%	
Franklin FTSE India ETF		FLIN	35.16	1,707	14	19	21	27	30	30	30	30	30	30	30	30	30	30	28	28	29	27	26	U1	1	BF	BF	+ 3	-4.17%	0.31%	-8.32%
iShares MSCI Pacific ex-Japan ETF		EPP	40.19	1,664	19	18	21	19	17	24	21	16	24	25	23	25	24	23	24	22	24	23	D3	3	BF	BF	- 68	-9.18%	-10.93%	-9.09%	
iShares MSCI Australia ETF		EWA	21.15	1,277	25	24	26	25	27	29	28	20	26	28	24	28	28	27	28	27	28	26	D3	4	BF	BF	- 69	-9.88%	-11.47%	-12.60%	
iShares MSCI Singapore ETF		EWS	21.84	751	8	1	1	1	1	2	2	3	5	5	7	8	3	5	3	4	4	11	U3	10	BF	AR	- 64	-8.50%	-8.35%	-0.09%	
iShares MSCI India Small Cap ETF		SMIN	64.64	750	19	26	26	30	30	30	30	30	30	30	30	30	30	29	22	23	24	21	22	D3	14	BF	BF	- 99	-4.94%	-1.84%	-16.23%
DBX ETF Trust - Xtrackers Internationa		HAUZ	19.59	714	9	16	16	16	18	28	28	29	29	30	30	30	30	30	29	29	29	29	29	U1	8	BF	BF	+ 8	-3.83%	-4.14%	-1.26%
iShares Asia 50 ETF		AIA	65.93	669	15	7	2	1	1	3	1	4	9	16	14	17	21	14	18	14	15	21	D1	1	BF	BF	- 58	-9.06%	-13.15%	-3.93%	

			Relative Strength Ranking - RSR																% Price Δ												
				MKT	04/04	03/28	03/21	03/14	03/07	02/28	02/21	02/14	02/07	01/31	01/24	01/17	01/10	01/03	12/31	12/27	12/20	12/13	TRIPLE	50	200						
Group or Corp		Ticker	Price	Cap(MM)	04	28	21	14	07	28	21	14	07	31	24	17	10	03	31	27	20	13	CYCLE	DAY	DAY	MACD	1 week	1 month	3 month		
EF-60	Asia/Pacific																														
	iShares India 50 ETF	INDY	48.57	617	10	16	19	27	29	30	30	30	30	30	30	30	29	28	28	29	27	26	U1	2	BF	BF	+ 3	-4.11%	0.79%	-5.63%	
	iShares MSCI Hong Kong ETF	EWK	16.38	553	9	7	4	1	1	4	13	23	30	28	27	25	26	19	12	12	14	19	U3	1	BF	BR	- 29	-6.72%	-10.54%	-0.91%	
	VanEck Vietnam ETF	VNM	11.64	386	7	3	2	1	2	11	26	30	30	29	29	30	30	29	28	29	27	29	U3	2	BR	BF	+ 10	-5.98%	-6.13%	1.04%	
	SPDR S&P Emerging Asia Pacific ETF	GMF	107.49	328	16	17	14	14	15	26	9	18	23	26	22	24	22	16	14	12	16	20	D3	1	BF	BF	- 69	-7.25%	-8.98%	-7.39%	
	iShares MSCI Indonesia ETF	EIDO	15.09	255	29	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	28	26	D3	15	BF	BF	+ 17	-7.82%	-11.75%	-20.54%	
	iShares MSCI Malaysia ETF	EWM	21.91	223	17	23	24	24	27	28	27	27	29	30	27	29	23	21	14	19	24	23	D3	5	BF	BF	- 71	-4.74%	-5.93%	-9.98%	
	First Trust India NIFTY 50 Equal Weigh	NFTY	53.16	218	13	18	21	27	30	30	30	30	30	30	30	30	30	29	29	29	29	28	U1	2	BF	BF	+ 4	-4.18%	-0.52%	-6.98%	
	Invesco India ETF	PIN	23.80	208	15	19	21	27	30	30	30	30	30	30	30	30	29	26	28	28	26	26	U1	1	BF	BF	+ 3	-4.53%	-0.58%	-9.23%	
	VanEck India Growth Leaders ETF	GLIN	40.70	125	22	28	30	30	30	30	30	30	30	30	30	30	29	23	25	25	22	23	D3	15	BF	BF	- 98	-4.85%	-0.66%	-18.24%	
	Franklin FTSE South Korea ETF	FLKR	17.49	112	16	18	12	15	18	28	15	27	30	29	30	29	30	30	30	30	30	30	D2	1	BF	BF	+ 28	-6.20%	-8.07%	-3.14%	
	iShares MSCI Philippines ETF	EPHE	23.83	89	15	19	14	15	21	30	30	30	30	30	30	30	29	27	28	29	29	29	U1	4	BF	BF	- 1	-4.60%	-6.03%	-7.24%	
	iShares MSCI Austria ETF	EWO	22.67	88	3	1	1	1	1	1	2	2	9	10	11	20	22	25	24	25	26	26	U3	8	BR	AR	+ 21	-11.06%	-13.41%	8.89%	
	iShares MSCI New Zealand ETF	ENZL	40.13	66	20	26	29	27	29	30	30	29	30	30	27	28	29	28	27	24	27	29	D3	7	BF	BF	- 43	-4.57%	-6.64%	-11.47%	
	Global X FTSE Southeast Asia ETF	ASEA	14.65	56	18	20	25	24	24	30	29	29	29	28	24	25	22	22	20	22	15	19	D3	12	BF	BR	- 65	-6.75%	-7.89%	-8.58%	
	Franklin FTSE Australia ETF	FLAU	24.96	52	25	23	26	25	26	29	28	20	25	28	24	27	27	27	28	28	28	26	D3	4	BF	BF	- 69	-10.00%	-11.46%	-12.53%	
iShares Asia/Pacific Dividend ETF	DVYA	32.70	36	18	17	19	9	10	29	19	22	22	24	24	24	22	22	20	22	16	20	D3	1	BF	BF	+ 9	-8.76%	-10.13%	-8.30%		
Franklin FTSE Asia Ex Japan ETF	FLAX	21.89	26	14	13	6	7	8	22	6	18	27	27	24	26	26	22	23	21	21	22	U3	1	BF	BF	- 67	-6.85%	-8.32%	-4.10%		
VanEck Indonesia Index ETF	IDX	11.62	26	29	30	30	30	30	30	30	30	30	30	30	30	30	29	30	30	30	29	D3	16	BF	BF	- 6	-7.26%	-13.67%	-23.45%		
First Trust Asia Pacific ex-Japan Alpha FPA		26.45	13	16	17	11	7	9	26	13	15	22	24	21	24	22	23	27	27	20	23	D3	1	BF	BF	- 7	-6.97%	-9.24%	-4.45%		
EF-61	China				8	1	1	1	1	1	1	1	4	9	12	16	24	14	4	3	3	7	U3	9	BR	AR	- 1	-8.30%	-11.45%	4.92%	
	KraneShares CSI China Internet ETF	KWEB	31.31	7,204	7	1	1	1	1	1	1	1	1	1	2	7	14	26	11	7	6	4	11	U3	9	BR	AR	- 28	-10.64%	-15.36%	8.04%
	iShares China Large-Cap ETF	FXI	32.74	6,870	3	1	1	1	1	1	1	1	1	1	2	5	6	14	3	1	1	2	11	U3	11	BR	AR	- 49	-8.65%	-11.42%	7.73%
	iShares MSCI China ETF	MCHI	50.00	5,780	4	1	1	1	1	1	1	1	3	5	12	16	23	10	4	4	4	16	U3	9	BR	AR	- 49	-8.37%	-11.50%	7.78%	
	Xtrackers Harvest CSI 300 China A-Sh	ASHR	25.21	2,492	12	17	16	2	9	17	6	11	15	21	17	18	22	21	4	3	3	15	D3	1	BF	BR	- 28	-5.30%	-6.73%	-0.83%	
	Invesco China Technology ETF	CQQQ	40.38	997	9	2	1	1	1	1	1	1	1	3	4	8	18	10	1	1	5	9	U3	9	BF	AR	- 28	-9.26%	-18.47%	5.71%	
	SPDR S&P China ETF	GXC	79.47	433	6	1	1	1	1	1	1	1	3	8	12	15	22	10	3	3	10	15	U3	9	BR	AR	- 28	-7.86%	-10.96%	6.49%	
	WisdomTree China ex-State-Owned E	CXSE	31.23	391	7	1	1	1	1	1	1	2	5	11	17	19	27	16	7	6	11	15	U3	3	BR	AR	- 28	-8.55%	-10.62%	6.26%	
	Direxion Daily CSI China Internet Index	CWEB	34.42	271	16	1	1	1	1	1	1	1	1	1	1	8	24	30	28	23	12	11	U3	5	BF	BR	- 27	-20.84%	-29.88%	9.86%	
	Global X MSCI China Consumer Discre	CHIQ	20.12	229	7	1	1	1	1	1	1	1	1	4	7	8	21	6	8	8	7	13	U3	9	BR	AR	- 27	-10.02%	-11.91%	6.79%	
	iShares MSCI China A ETF	CNYA	26.56	207	13	16	16	3	9	17	6	11	15	20	18	18	22	21	4	2	3	15	U1	1	BF	BR	- 27	-5.41%	-6.64%	-0.75%	
	KraneShares Bosera MSCI China A 50	KBA	22.19	177	14	16	16	3	14	17	6	14	21	26	23	23	23	22	7	6	9	20	U1	1	BF	BR	- 29	-6.05%	-6.80%	-2.07%	
	Franklin FTSE China ETF	FLCH	19.65	161	4	1	1	1	1	1	1	1	3	5	12	16	22	10	4	3	4	15	U3	9	BR	AR	- 29	-8.26%	-10.84%	7.85%	
	Invesco Golden Dragon China ETF	PGJ	26.59	141	9	1	2	2	2	3	2	3	6	9	10	11	14	10	6	7	5	10	U3	9	BF	AR	- 26	-10.62%	-14.49%	2.63%	
	KraneShares MSCI All China Health C	KURE	14.93	83	5	3	8	1	8	5	2	15	28	29	28	29	30	29	22	17	14	20	U3	1	BR	AR	- 27	-4.05%	-0.93%	8.47%	
	iShares MSCI China Small-Cap ETF	ECNS	25.81	63	7	1	1	1	1	1	1	1	2	3	10	14	15	15	5	1	2	2	11	U3	9	BR	AR	- 27	-7.87%	-10.53%	3.03%
KraneShares MSCI China Clean Techn	KGRN	23.98	46	3	1	1	1	1	1	1	1	1	1	7	11	11	15	6	1	1	2	13	U3	9	BR	AR	- 27	-5.92%	-10.49%	8.51%	
First Trust China AlphaDEX Fund	FCA	19.56	34	9	4	4	3	3	7	7	10	13	18	18	16	15	14	11	13	12	17	U3	8	BF	BF	- 26	-7.30%	-9.34%	-1.04%		
Xtrackers Harvest CSI 500 China A-Sh	ASHS	27.60	29	9	13	6	1	2	5	2	4	6	18	12	15	23	22	3	1	1	9	U3	1	BF	AR	- 26	-4.70%	-6.85%	4.90%		
VanEck ChiNext ETF	CNXT	25.42	28	18	20	19	2	4	5	1	3	3	10	3	6	16	10	1	1	1	3	4	D3	1	BF	BR	- 27	-8.00%	-11.80%	-2.12%	
FIXED INCOME - Bonds (US)																															
EF-62	Broad Bond Market				3	7	8	11	13	10	22	27	26	27	27	26	22	23	23	24	23	26	U3	2	AR	AR	+ 9	1.11%	1.44%	3.87%	
	Vanguard Total Bond Market ETF	BND	73.82	128,906	3	7	8	7	9	11	19	22	22	24	25	24	19	23	22	22	21	22	U3	1	AR	AR	- 5	1.01%	1.46%	3.72%	
	iShares Core U.S. Aggregate Bond ET	AGG	99.46	125,707	3	7	8	7	9	11	19	22	22	24	25	24	19	23	22	22	21	22	U3	1	AR	AR	- 5	1.07%	1.46%	3.74%	
	iShares Core Total USD Bond Market f	IUSB	46.19	33,174	3	7	8	7	9	11	19	22	22	24	25	24	19	22	22	21	20	22	U3	1	AR	AR	- 6	0.81%	1.14%	3.38%	
	Vanguard Intermediate-Term Bond ET	BIV	77.12	22,500	2	7	7	7	9	11	19	22	22	24	25	24	19	23	22	22	21	23	U3	1	AR	AR	- 5	1.27%	1.86%	4.33%	

		Relative Strength Ranking - RSR																				% Price Δ									
Group or Corp	Ticker	Price	MKT Cap(MM)	04/	03/	03/	03/	03/	02/	02/	02/	02/	01/	01/	01/	01/	01/	12/	12/	12/	12/	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month			
				04	28	21	14	07	28	21	14	07	31	24	17	10	03	31	27	20	13										
EF-62	Broad Bond Market																														
	Schwab US Aggregate Bond ETF	SCHZ	23.28	8,600	3	7	8	7	9	11	19	22	22	24	25	24	19	23	22	22	21	22	U3	1	AR	AR	- 5	0.97%	1.41%	3.71%	
	SPDR Portfolio Aggregate Bond ETF	SPAB	25.66	8,386	3	7	8	7	9	11	19	22	22	24	25	24	19	23	22	22	21	22	U3	1	AR	AR	- 5	1.00%	1.44%	3.75%	
	PIMCO Active Bond ETF	BOND	92.70	5,576	3	7	7	7	8	10	19	22	22	24	25	24	19	22	22	21	19	22	U3	2	AR	AR	- 6	0.79%	1.21%	3.89%	
	Vanguard Long-Term Bond ETF	BLV	71.25	5,543	3	8	8	9	10	11	19	22	29	29	30	29	29	29	28	27	22	22	U3	1	AR	AR	+ 16	2.20%	2.13%	5.53%	
	iShares Agency Bond ETF	AGZ	109.75	648	3	7	8	7	9	13	19	22	22	23	24	21	15	21	19	20	18	23	U3	4	AR	AR	- 72	0.73%	1.11%	2.72%	
	iShares Core 10+ Year USD Bond ETF	ILTB	50.22	623	3	8	8	8	10	11	19	22	22	29	30	29	29	28	27	26	22	22	U3	1	AR	AR	+ 15	1.50%	1.31%	4.62%	
	Vident U.S. Bond Strategy ETF	VBND	44.00	458	3	9	11	7	9	11	19	22	22	24	25	24	19	22	22	22	20	22	U3	2	AR	AR	- 5	0.89%	1.29%	3.09%	
EF-63	U.S. Government																														
	iShares 20+ Year Treasury Bond ETF	TLT	92.85	51,885	1	8	8	8	13	11	19	29	29	30	30	30	30	29	28	29	26	23	U2	3	AR	AR	+ 19	3.38%	3.41%	7.47%	
	iShares 7-10 Year Treasury Bond ETF	IEF	96.56	35,785	1	7	7	7	9	11	19	22	22	24	25	24	24	23	25	22	22	23	U3	1	AR	AR	- 3	1.87%	2.63%	5.53%	
	Vanguard Intermediate-Term Treasury	VGIT	59.90	31,562	2	7	7	7	9	11	19	22	22	24	25	24	19	22	22	21	21	23	U3	2	AR	AR	- 5	1.35%	2.07%	4.35%	
	iShares U.S. Treasury Bond ETF	GOVT	23.17	26,822	2	7	8	7	9	11	19	22	22	24	25	24	19	23	22	22	21	23	U3	1	AR	AR	- 4	1.36%	1.92%	4.16%	
	iShares 3-7 Year Treasury Bond ETF	IEI	119.10	15,805	2	7	7	7	9	11	19	22	22	24	25	24	19	22	22	21	20	23	U3	2	AR	AR	- 6	1.23%	1.96%	4.06%	
	Schwab Intermediate-Term US Treasu	SCHR	25.07	10,577	2	7	7	7	9	11	19	22	22	24	25	24	19	22	22	21	21	23	U3	2	AR	AR	- 5	1.36%	2.06%	4.40%	
	Vanguard Long-Term Treasury ETF	VGLT	58.71	10,163	1	7	8	7	10	11	19	22	29	30	30	30	29	29	28	29	26	23	U3	1	AR	AR	+ 18	3.07%	3.34%	7.40%	
	SPDR Portfolio Intermediate Term Treas	SPTI	28.85	7,856	2	7	7	7	9	11	19	22	22	24	25	24	19	22	22	21	21	23	U3	2	AR	AR	- 5	1.49%	2.17%	4.52%	
	PIMCO 25+ Year Zero Coupon US Tre	ZROZ	73.58	1,650	1	10	11	9	13	17	30	30	30	30	30	30	30	30	30	30	29	22	U2	1	AR	AR	+ 20	5.58%	4.28%	9.11%	
	Invesco 1-30 Laddered Treasury ETF	PLW	28.33	1,088	1	9	8	7	10	11	19	22	22	24	30	28	28	28	27	26	22	23	U3	1	AR	AR	+ 16	2.42%	2.80%	5.89%	
		Invesco Taxable Municipal Bond ETF	BAB	26.79	975	3	11	8	7	9	11	19	22	22	24	25	24	23	23	24	22	22	22	U3	2	AR	AR	- 3	0.87%	0.69%	3.36%
	EF-64	Credit																													
Vanguard Intermediate-Term Corporate		VCIT	81.79	52,027	3	7	8	7	9	11	19	22	22	24	25	24	19	22	21	20	18	22	U3	1	AR	AR	- 7	0.54%	0.96%	3.22%	
iShares iBoxx \$ Investment Grade Cor		LQD	108.78	30,295	3	8	8	8	10	13	19	22	22	24	25	24	23	23	22	22	20	22	U3	1	AR	AR	- 4	0.66%	0.81%	3.20%	
iShares 5-10 Year Investment Grade C		IGIB	52.52	15,047	3	7	8	7	9	11	19	22	22	24	25	24	19	22	21	20	18	22	U3	1	AR	AR	- 8	0.54%	0.94%	3.27%	
Vanguard Long-Term Corporate Bond		VCLT	76.12	14,035	4	8	9	9	10	13	19	22	22	24	25	28	28	28	26	25	22	21	U2	3	AR	AR	+ 14	1.15%	0.68%	3.44%	
SPDR Portfolio Intermediate Term Cor		SPIB	33.21	9,618	3	7	8	7	9	11	19	22	22	23	24	22	15	20	18	19	17	22	U3	3	AR	AR	- 70	0.31%	0.77%	2.62%	
iShares iBonds Dec 2025 Term Corpor		IBDQ	25.08	3,175	4	8	8	7	9	13	17	22	18	19	21	18	12	16	15	16	16	22	U3	90	AR	AR	- 116	0.06%	0.22%	1.09%	
iShares 10+ Year Investment Grade C		IGLB	50.27	2,710	5	8	9	9	10	12	19	22	22	24	25	28	28	27	25	22	22	21	U2	3	AR	AR	+ 14	0.94%	0.49%	3.36%	
iShares 0-5 Year Investment Grade Co		SLQD	50.18	2,228	3	7	8	7	9	12	18	22	21	21	22	19	13	17	16	17	17	22	U3	17	AR	AR	- 117	0.18%	0.58%	1.92%	
SPDR Portfolio Corporate Bond ETF		SPBO	29.01	1,803	3	8	8	7	9	11	19	22	22	24	25	24	19	22	22	21	18	22	U3	1	AR	AR	- 6	0.54%	0.64%	2.80%	
iShares Aaa-A Rated Corporate Bond		QLTA	47.63	1,677	3	8	8	7	10	13	19	22	22	24	25	24	19	23	22	22	20	22	U3	1	AR	AR	- 4	0.75%	0.90%	3.11%	
PIMCO Investment Grade Corporate B		CORP	96.70	1,323	3	7	8	7	9	11	19	22	22	24	25	24	19	22	21	21	18	22	U3	1	AR	AR	- 7	0.57%	0.83%	3.01%	
SPDR Portfolio Long Term Corporate		E SPLB	22.62	1,191	5	8	9	9	13	13	19	22	22	24	25	28	28	28	26	25	22	21	U2	3	AR	AR	+ 13	1.11%	0.57%	3.32%	
WisdomTree Yield Enhanced U.S. Agg		AGGY	43.69	878	3	10	8	7	9	11	19	22	22	24	25	24	19	23	22	21	19	22	U3	2	AR	AR	- 5	0.87%	1.04%	3.21%	
iShares Interest Rate Hedged Corpora		LQDH	90.44	520	7	8	8	7	9	13	11	17	15	16	18	15	11	15	14	15	15	21	D1	2	BF	BR	- 123	-1.59%	-1.81%	-1.10%	
iShares Interest Rate Hedged High Yie		HYGH	79.41	405	14	8	8	7	9	11	11	16	15	14	15	14	10	13	13	14	14	20	D2	1	BF	BR	- 127	-6.31%	-6.89%	-6.68%	
ProShares Investment Grade-Interest		FIGH	75.17	265	7	8	11	9	10	17	12	19	17	16	18	15	10	14	13	14	14	21	D2	1	BF	BR	- 124	-2.00%	-2.22%	-2.41%	
	Invesco Global Short Term High Yield	FIGHY	19.16	151	7	9	7	7	7	10	13	18	15	19	22	18	12	16	15	16	15	21	D1	1	BF	BR	- 121	-3.13%	-3.54%	-1.15%	
	Invesco Fundamental Investment Grac	FIG	23.96	84	3	7	8	7	9	12	19	22	22	24	24	22	17	21	20	20	18	22	U3	3	AR	AR	- 70	0.50%	1.07%	2.95%	
EF-65	Asset Allocation																														
	iShares Core Aggressive Allocation ET	AOA	71.06	1,986	16	10	11	9	10	13	12	15	16	18	18	17	17	17	15	17	13	19	D2	2	BF	BR	- 70	-6.59%	-8.64%	-7.45%	
	iShares Core Moderate Allocation ETF	AOM	42.33	1,399	9	8	9	9	10	13	16	18	20	21	22	21	18	19	17	19	15	20	D2	1	BF	BR	- 69	-2.85%	-3.71%	-2.23%	
	WBI BullBear Yield 3000 ETF	WBIG	20.90	33	23	26	26	25	13	17	19	22	22	23	21	20	19	21	19	20	15	19	D3	6	BF	BF	+ 6	-7.32%	-11.65%	-12.89%	
	WBI BullBear Quality 3000 ETF	WBIL	28.94	30	28	29	30	29	29	28	27	15	16	16	15	16	17	12	13	11	10	12	D3	6	BF	BF	- 17	-8.42%	-12.40%	-17.83%	

				Relative Strength Ranking - RSR																	% Price Δ									
				MKT	04/04	03/28	03/21	03/14	03/07	02/28	02/21	02/14	02/07	01/31	01/24	01/17	01/10	01/03	12/31	12/27	12/20	12/13	TRIPLE	50	200					
Group or Corp		Ticker	Price	Cap(MM)																			CYCLE	DAY	DAY	MACD	1 week	1 month	3 month	
EF-65	Asset Allocation																													
	WBI BullBear Value 3000 ETF	WBIF	26.50	28	18	19	11	9	10	11	17	15	14	15	18	19	19	23	22	22	18	20	D3	3	BF	BF	- 25	-7.15%	-9.84%	-6.97%
	VanEck Long/Flat Trend ETF	LFEQ	42.75	22	25	24	24	22	21	15	9	8	9	9	8	9	8	6	7	7	12	16	D3	2	BF	BF	- 73	-9.16%	-12.11%	-14.62%
	Arrow DWA Tactical: Macro ETF	DWAT	10.51	2	19	18	19	19	20	13	8	9	9	11	11	11	13	12	14	12	16	19	D3	1	BF	BF	- 65	-8.72%	-8.88%	-9.71%
EF-66	Mortgages				2	7	7	9	10	8	19	25	24	24	26	24	21	22	21	22	22	25	U3	3	AR	AR	+ 10	0.90%	1.56%	4.04%
	iShares MBS ETF	MBB	94.18	36,994	3	7	7	7	9	11	19	22	22	24	25	24	19	23	22	22	21	22	U3	1	AR	AR	- 5	0.91%	1.49%	4.05%
	Vanguard Mortgage-Backed Securities VMBS		46.60	19,499	2	7	7	7	9	11	19	22	22	24	25	24	19	22	22	21	20	22	U3	2	AR	AR	- 6	1.05%	1.62%	4.09%
	SPDR Portfolio Mortgage Backed Bond SPMB		22.20	6,005	2	7	7	7	9	11	19	22	22	24	25	24	19	23	22	22	21	22	U3	1	AR	AR	- 5	1.13%	1.68%	4.30%
	First Trust Low Duration Opportunities I LMBS		49.35	4,952	3	7	8	7	8	11	18	22	21	21	23	20	14	18	16	18	16	22	U3	17	AR	AR	- 116	0.41%	0.94%	2.65%
	FlexShares iBoxx 5 Year Target Duration TDTF		24.09	776	2	6	7	7	8	10	19	22	22	23	24	23	18	22	22	22	20	23	U3	2	AR	AR	- 7	0.49%	1.85%	4.67%
	iShares GNMA Bond ETF	GNMA	44.21	358	2	7	7	7	9	11	19	22	22	24	25	24	19	23	22	21	21	22	U3	1	AR	AR	- 5	1.22%	1.74%	4.36%
	FlexShares Disciplined Duration MBS I MBSD		20.82	90	2	7	7	7	8	11	19	22	22	24	25	24	19	22	21	20	20	23	U3	2	AR	AR	- 7	1.09%	1.63%	4.13%
EF-67	Inflation				2	5	7	9	10	6	18	24	21	23	25	23	19	22	22	23	22	24	U3	4	AR	AR	+ 10	0.64%	1.64%	4.39%
	iShares TIPS Bond ETF	TIP	110.60	14,743	3	6	7	7	9	10	19	22	22	24	25	24	19	23	22	22	20	23	U3	2	AR	AR	- 6	0.60%	1.69%	4.53%
	Vanguard Short-Term Inflation-Protected VTIP		49.91	14,369	3	6	7	7	8	11	13	21	19	19	22	19	13	17	16	18	17	22	U3	19	AR	AR	- 108	0.30%	1.27%	3.26%
	Schwab US TIPS ETF	SCHP	26.85	13,371	2	6	7	7	9	10	19	22	22	24	25	24	19	23	22	22	20	23	U3	2	AR	AR	- 7	0.63%	1.74%	4.64%
	iShares 0-5 Year TIPS Bond ETF	STIP	102.95	11,551	3	6	7	7	8	11	16	21	19	19	22	19	13	17	16	18	17	22	U3	19	AR	AR	- 107	0.31%	1.26%	3.24%
	SPDR Bloomberg 1-10 Year TIPS ETF TIPX		19.15	1,676	2	6	7	7	8	10	17	22	21	22	23	21	15	21	20	20	18	23	U3	6	AR	AR	- 69	0.46%	1.68%	4.14%
	SPDR Portfolio TIPS ETF	SPIP	26.24	932	3	6	7	7	9	10	19	22	22	24	25	24	19	23	22	22	20	23	U3	2	AR	AR	- 6	0.60%	1.65%	4.58%
	PIMCO 15+ Year US TIPS Index ETF	LTPZ	54.70	737	3	8	9	9	13	10	19	22	22	28	30	30	29	29	28	29	25	24	U3	1	AR	AR	+ 16	1.61%	2.08%	6.63%
	PIMCO 1-5 Year US TIPS Index ETF	STPZ	53.85	435	2	6	7	7	8	10	16	22	19	20	23	19	13	18	17	19	17	22	U3	11	AR	AR	- 106	0.45%	1.54%	3.69%
PIMCO Broad US TIPS Index ETF	TIPZ	53.72	109	2	6	7	7	9	10	19	22	22	24	25	24	19	23	22	22	21	23	U3	2	AR	AR	- 6	0.80%	1.88%	4.80%	
EF-68	Short Duration				4	8	11	10	11	14	17	22	20	20	22	18	11	16	14	17	17	21	U3	20	AR	AR	+ 19	-0.14%	0.15%	1.23%
	SPDR Bloomberg 1-3 Month T-Bill ETF BIL		91.48	42,080	4	8	8	7	9	13	18	22	19	19	21	18	12	16	15	16	16	22	U3	150	AR	AR	- 150	0.08%	0.32%	1.05%
	Vanguard Short-Term Bond ETF	BSV	78.46	34,638	3	7	8	7	9	13	19	22	22	22	23	21	14	19	17	19	18	23	U3	7	AR	AR	- 75	0.60%	1.11%	2.58%
	Vanguard Short-Term Corporate Bond VCSH		78.83	34,581	3	7	8	7	9	12	18	22	21	21	23	20	13	18	16	18	17	22	U3	16	AR	AR	- 117	0.23%	0.69%	2.15%
	iShares 1-3 Year Treasury Bond ETF	SHY	82.68	22,944	3	7	8	7	9	13	19	22	21	21	23	20	13	17	16	18	17	23	U3	16	AR	AR	- 114	0.35%	0.70%	1.87%
	Vanguard Short-Term Treasury ETF	VGSH	58.75	22,667	3	7	8	7	9	13	19	22	21	21	23	19	13	17	16	18	17	23	U3	16	AR	AR	- 115	0.47%	0.85%	2.06%
	iShares 1-5 Year Investment Grade Corporate IGSB		52.25	21,490	3	7	8	7	9	11	18	22	21	21	23	20	14	18	16	18	17	22	U3	16	AR	AR	- 117	0.20%	0.64%	2.17%
	iShares Short Treasury Bond ETF	SHV	110.17	20,276	4	8	8	7	9	13	18	22	19	19	21	18	12	16	15	16	16	22	U3	138	AR	AR	- 137	0.09%	0.32%	1.05%
	WisdomTree Floating Rate Treasury Fund USFR		50.34	18,433	4	9	8	7	9	13	16	21	18	19	21	18	12	16	15	16	16	22	U3	166	AR	AR	- 166	0.04%	0.24%	1.04%
	PIMCO Enhanced Short Maturity Active MINT		100.17	12,996	4	7	8	7	9	13	16	21	18	19	21	18	12	16	15	16	16	22	U3	123	AR	AR	- 121	-0.05%	0.15%	1.02%
	Schwab Short-Term US Treasury ETF	SCHO	24.37	10,754	3	7	8	7	9	13	19	22	21	21	23	20	13	17	16	18	17	23	U3	16	AR	AR	- 114	0.51%	0.84%	2.04%
	iShares Floating Rate Bond ETF	FLOT	50.10	8,818	6	7	8	7	9	13	16	21	18	19	21	17	12	16	15	16	16	22	U3	103	BF	AR	- 133	-1.45%	-1.28%	-0.42%
	SPDR Portfolio Short Term Corporate Bond SPSB		30.02	8,189	3	7	8	7	9	12	18	22	20	20	22	19	13	16	16	17	16	22	U3	18	AR	AR	- 117	0.21%	0.54%	1.74%
	iShares Treasury Floating Rate Bond ETF TFLO		50.50	6,772	4	8	8	7	9	13	17	21	18	19	21	18	12	16	15	16	16	22	U3	166	AR	AR	- 166	0.06%	0.28%	1.06%
	First Trust Enhanced Short Maturity ETF FTSM		59.89	6,453	3	7	8	7	9	13	17	22	19	19	22	18	12	16	15	16	16	22	U3	138	AR	AR	- 137	0.14%	0.37%	1.24%
	SPDR Portfolio Short Term Treasury ETF SPTS		29.28	6,011	3	7	8	7	9	13	19	22	21	21	23	19	13	17	16	18	17	23	U3	16	AR	AR	- 114	0.55%	0.93%	2.14%
	BlackRock Ultra Short-Term Bond ETF ICSH		50.53	5,647	3	7	8	7	9	13	17	22	18	19	21	18	12	16	15	16	16	22	U3	139	AR	AR	- 137	0.14%	0.36%	1.27%
	iShares Core 1-5 Year USD Bond ETF ISTB		48.35	4,366	3	7	8	7	9	12	19	22	21	21	23	20	14	18	17	18	17	22	U3	15	AR	AR	- 116	0.41%	0.78%	2.28%
	BlackRock Short Maturity Bond ETF	NEAR	50.77	3,226	3	7	8	7	9	12	18	22	20	20	22	19	13	16	16	17	16	22	U3	18	AR	AR	- 132	0.21%	0.46%	1.71%
	SPDR Bloomberg Investment Grade Floating Rate FLRN		30.29	2,802	6	7	8	7	9	12	16	21	18	19	21	17	12	16	15	16	16	22	U3	103	BF	AR	- 134	-1.38%	-1.15%	-0.29%
	FlexShares iBoxx 3 Year Target Duration TDTT		24.24	2,382	3	6	7	7	8	11	17	22	20	21	23	19	14	19	18	19	18	23	U3	11	AR	AR	- 73	0.36%	1.48%	3.70%
VanEck IG Floating Rate ETF	FLTR	24.96	2,362	6	7	8	7	8	11	13	20	17	19	20	17	11	16	15	15	16	22	U3	102	BF	AR	- 132	-1.87%	-1.68%	-0.74%	

			Relative Strength Ranking - RSR																	% Price Δ										
Group or Corp	Ticker	Price	MKT Cap(MM)	04/04	03/28	03/21	03/14	03/07	02/28	02/21	02/14	02/07	01/31	01/24	01/17	01/10	01/03	12/31	12/27	12/20	12/13	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month		
EF-68	Short Duration																													
	SPDR SSgA Ultra Short Term Bond E	ULST	40.55	586	3	7	8	7	9	13	18	22	19	20	22	18	12	16	15	16	16	22	U3	135	AR	AR	- 135	0.16%	0.43%	1.43%
	Fidelity Limited Term Bond ETF	FLT	50.15	226	3	7	8	7	9	11	18	22	21	21	23	19	13	17	16	18	17	22	U3	16	AR	AR	- 116	0.29%	0.63%	1.94%
	Franklin Short Duration U.S. Governm	FTSD	90.70	220	3	7	8	7	9	13	17	22	19	20	22	19	13	16	15	17	16	22	U3	90	AR	AR	- 114	0.16%	0.52%	1.66%
	WisdomTree Interest Rate Hedged Hig	HYZD	21.23	174	9	14	9	8	9	11	12	17	15	14	17	15	10	14	14	14	13	20	D2	1	BF	BR	- 126	-3.17%	-4.09%	-3.66%
	WisdomTree Interest Rate Hedged U.S	AGZD	22.17	132	6	11	9	7	10	12	13	20	18	19	19	18	12	16	14	16	16	21	D1	2	BF	AR	- 125	-0.85%	-0.47%	-0.03%
EF-69	Municipal Bonds																													
	iShares National Muni Bond ETF	MUB	105.74	39,748	5	15	14	14	16	15	19	25	21	23	24	22	16	20	19	20	21	23	D2	2	AR	AR	- 2	0.93%	-0.14%	0.59%
	Vanguard Tax-Exempt Bond ETF	VTEB	49.85	36,356	6	10	11	9	10	17	19	22	22	24	25	23	17	20	20	20	18	22	D3	1	BR	BR	- 69	0.79%	-0.37%	-0.01%
	iShares Short-Term National Muni Bon	SUB	106.08	8,773	4	8	9	7	10	17	19	22	21	21	23	20	13	18	17	19	17	23	U3	18	AR	AR	- 73	0.76%	0.51%	1.11%
	SPDR Nuveen Bloomberg Short Term	SHM	47.82	3,431	4	8	9	7	10	17	19	22	21	22	24	21	14	19	19	19	18	23	U3	6	AR	AR	- 70	0.80%	0.52%	1.40%
	VanEck High Yield Muni ETF	HYD	51.30	3,416	6	10	9	8	10	11	19	22	21	23	24	22	15	19	19	21	18	22	D2	1	BR	AR	- 68	0.88%	-0.66%	-0.07%
	SPDR Nuveen Bloomberg Municipal B	TFI	45.40	3,280	6	10	11	9	10	17	19	22	22	24	25	24	18	21	21	20	18	22	D3	1	BR	BR	+ 2	1.31%	-0.37%	0.16%
	Invesco National AMT-Free Municipal E	PZA	23.36	3,005	6	18	11	9	13	17	19	22	22	24	25	24	19	21	21	21	17	21	D3	2	BR	BR	+ 10	1.65%	-0.14%	-0.36%
	SPDR Nuveen Bloomberg High Yield M	HYMB	25.43	2,736	6	10	9	9	10	11	18	22	21	24	24	23	18	20	20	21	17	21	D2	1	BR	AR	- 68	1.32%	-0.61%	0.43%
	First Trust Managed Municipal ETF	FMB	50.93	2,002	5	16	11	9	10	13	19	22	22	24	24	23	15	20	20	20	18	22	D2	1	AR	AR	- 69	1.13%	-0.15%	0.55%
	VanEck Intermediate Muni ETF	ITM	45.82	1,895	6	10	11	9	10	13	19	22	22	24	25	23	15	19	18	20	18	22	D2	1	BR	AR	- 68	1.23%	-0.39%	0.03%
	PIMCO Intermediate Municipal Bond A	MUNI	51.86	1,843	5	8	9	9	10	12	19	22	22	24	24	23	16	21	20	20	18	22	D1	1	AR	AR	- 69	1.05%	-0.09%	0.99%
	BlackRock Short Maturity Municipal Bo	MEAR	50.01	948	5	8	8	7	9	13	19	22	21	21	23	20	13	17	16	18	17	23	U3	127	AR	AR	- 139	-0.19%	-0.15%	0.72%
	PIMCO Short Term Municipal Bond Act	SMMU	50.16	689	4	8	9	7	9	17	19	22	21	22	23	21	13	18	17	19	18	22	U3	11	AR	AR	- 119	0.74%	0.36%	1.29%
	Franklin Dynamic Municipal Bond ETF	FLMI	24.60	625	4	8	9	9	9	12	19	22	21	24	24	22	15	19	19	19	17	22	D1	1	AR	AR	- 69	1.27%	-0.17%	1.44%
	VanEck Short High Yield Muni ETF	SHYD	22.79	324	3	8	8	7	9	11	13	21	18	19	22	19	13	17	17	17	16	22	U3	11	AR	AR	- 67	1.62%	0.74%	2.00%
	VanEck CEF Muni Income ETF	XMPT	21.27	171	8	10	11	9	13	11	19	22	22	24	25	24	22	23	26	26	18	21	D3	1	BR	BR	- 6	-0.62%	-2.34%	-0.93%
	Franklin Municipal Green Bond ETF	FLMB	23.68	99	6	10	11	9	13	17	19	22	22	24	25	24	18	20	21	21	17	21	D3	1	AR	AR	+ 1	1.40%	0.22%	0.25%
	Invesco VRDO Tax-Free ETF	PVI	24.74	28	6	12	9	7	10	17	19	22	21	22	23	19	12	17	16	18	17	23	U3	152	BR	AR	- 150	-0.29%	-0.19%	0.26%
First Trust Flexible Municipal High Inco	MFLX	17.18	15	4	16	11	9	10	12	19	22	21	23	25	24	19	21	22	21	17	21	D1	1	AR	AR	- 68	1.90%	0.70%	1.81%	
FIXED INCOME - Bonds (Intl)																														
EF-70	High Yield																													
	iShares iBoxx \$ High Yield Corporate B	HYG	76.76	15,513	7	12	12	12	9	10	17	21	20	21	22	21	16	19	18	19	19	21	D1	1	BF	BR	- 1	-2.17%	-2.81%	-0.89%
	Invesco Senior Loan ETF	BKLN	20.33	7,935	7	13	9	7	9	12	16	20	17	18	19	16	11	14	14	15	15	21	D2	1	BF	BR	- 123	-1.83%	-2.22%	-2.06%
	SPDR Blackstone Senior Loan ETF	SRLN	39.89	7,469	8	8	9	8	9	12	13	19	16	18	18	15	10	14	14	15	14	21	D2	1	BF	BR	- 116	-2.32%	-2.84%	-2.78%
	SPDR Bloomberg High Yield Bond ETF	JNK	92.45	7,458	8	8	8	7	9	11	13	20	18	19	20	17	13	16	15	16	15	20	D2	1	BF	BR	- 117	-2.35%	-3.27%	-2.03%
	iShares 0-5 Year High Yield Corporate	SHYG	41.23	6,267	7	8	8	7	8	10	12	19	16	18	18	16	12	15	15	16	15	21	D1	1	BF	BR	- 122	-2.44%	-3.21%	-1.87%
	SPDR Bloomberg Short Term High Yie	SJNK	24.37	4,660	8	8	8	7	8	10	12	19	16	18	19	16	12	15	15	15	15	20	D2	1	BF	BR	- 121	-2.45%	-3.33%	-2.21%
	VanEck Fallen Angel High Yield Bond E	ANGL	27.68	3,093	8	8	8	7	8	11	18	21	18	19	21	18	13	17	16	17	15	21	D1	1	BF	BR	- 73	-3.46%	-4.09%	-2.07%
	First Trust Tactical High Yield ETF	HYLS	40.17	1,643	7	13	9	9	9	11	17	21	19	19	21	17	13	16	15	15	15	21	D2	1	BF	BR	- 115	-2.07%	-2.67%	-1.57%
	PIMCO 0-5 Year High Yield Corporate I	HYS	90.35	1,423	8	8	8	7	7	10	12	18	16	18	18	16	12	15	15	16	15	21	D1	1	BF	BR	- 121	-2.86%	-3.86%	-2.42%
	iShares J.P. Morgan EM High Yield Bo	EMHY	36.93	438	7	8	8	7	7	10	11	17	15	17	19	16	12	15	15	15	14	19	D1	1	BF	BR	- 72	-2.81%	-3.62%	-1.80%
	iShares CMBS ETF	CMBS	48.36	435	3	7	8	7	8	11	19	22	20	22	24	21	15	20	19	19	18	22	U3	6	AR	AR	- 69	0.90%	1.15%	3.10%
	Invesco Fundamental High Yield Corp	PHB	17.73	323	7	12	8	7	9	11	19	22	21	21	22	19	15	18	17	18	16	21	D1	1	BF	BR	- 119	-1.83%	-2.43%	-0.86%
	Principal Active High Yield ETF	YLD	18.30	291	9	8	9	8	9	11	12	19	17	19	19	16	12	16	15	16	15	20	D2	1	BF	BR	- 120	-3.48%	-4.53%	-3.26%
	SPDR Bloomberg International Corpor	IBND	29.74	186	2	6	7	7	7	17	19	22	29	24	25	29	28	28	25	25	22	25	U3	1	AR	AR	+ 16	0.83%	0.85%	6.06%
	ProShares High Yield-Interest Rate He	HYHG	61.52	169	9	8	9	7	9	9	11	16	14	14	15	14	10	13	13	14	13	20	D2	1	BF	BR	- 128	-4.61%	-4.93%	-4.70%
	iShares US & Intl High Yield Corp Bon	GHYG	43.42	165	7	7	8	7	7	11	17	20	21	21	21	20	15	19	17	18	16	21	U3	10	BR	BR	- 73	-2.17%	-2.94%	-0.20%
	Invesco International Corporate Bond E	PICB	22.37	129	3	7	8	7	9	17	19	22	29	24	25	29	29	28	27	26	24	25	U3	1	AR	AR	+ 16	0.40%	0.49%	4.94%
	RiverFront Strategic Income Fund	RIGS	23.25	87	3	5	7	7	10	10	19	22	21	23	24	22	16	21	20	20	18	23	U3	3	AR	AR	- 69	0.27%	1.85%	3.55%

			Relative Strength Ranking - RSR																				% Price Δ								
Group or Corp	Ticker	Price	MKT Cap(MM)	04/	03/	03/	03/	03/	02/	02/	02/	02/	01/	01/	01/	01/	01/	12/	12/	12/	12/	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month			
				04	28	21	14	07	28	21	14	07	31	24	17	10	03	31	27	20	13										
EF-70	High Yield																														
	High Yield ETF	HYLD	20.29	35	16	17	7	7	7	9	17	20	22	24	30	24	29	23	28	28	17	24	D2	1	BF	BF	- 4	-7.32%	-10.92%	-7.58%	
	VanEck International High Yield Bond E IHY		20.52	25	6	7	7	7	6	17	19	21	22	24	23	24	19	22	20	20	18	23	U3	2	BR	AR	- 72	-1.76%	-2.51%	1.43%	
EF-71	Intl Sovereign Debt				4	9	9	8	9	19	22	26	27	28	26	27	24	27	26	25	24	27	U3	2	AR	AR	+ 10	-0.16%	-0.84%	3.21%	
	iShares JP Morgan USD Emerging Ma EMB	88.59	13,475		6	8	8	7	8	10	18	21	19	22	23	21	18	21	20	20	16	20	D1	1	BR	BR	- 70	-1.56%	-2.21%	0.33%	
	Vanguard Emerging Markets Governm VWOB	62.89	4,993		6	8	8	7	8	10	19	22	19	22	23	22	18	21	20	20	16	20	U3	3	BR	AR	- 69	-1.30%	-1.74%	0.78%	
	VanEck J. P. Morgan EM Local Curren EMLC	23.52	2,708		5	7	7	7	7	17	19	22	22	24	24	27	24	23	25	22	22	26	U3	1	BR	AR	- 4	-0.69%	-1.60%	3.17%	
	SPDR Bloomberg Emerging Markets L EBND	19.86	1,829		5	8	8	7	7	17	17	22	22	24	23	24	22	23	22	22	21	24	U3	1	BR	AR	- 5	-0.28%	-1.70%	2.79%	
	Invesco Emerging Markets Sovereign I PCY	19.62	1,218		8	14	8	7	9	10	19	22	22	24	25	24	23	23	22	22	17	20	D2	1	BF	BR	- 5	-2.19%	-3.25%	-0.34%	
	SPDR Bloomberg International Treasui BWX	22.31	1,011		3	8	9	7	10	17	19	22	29	29	25	29	29	28	27	25	22	24	U2	2	AR	AR	+ 17	2.29%	1.96%	5.34%	
	iShares International Treasury Bond E IGOV	40.25	459		3	11	14	14	17	25	26	27	29	29	29	30	29	29	27	27	25	26	U2	3	AR	AR	+ 18	1.92%	2.11%	5.73%	
	SPDR FTSE International Government WIP	37.52	319		3	7	8	7	9	17	19	22	29	29	25	29	29	29	28	28	26	26	U3	1	AR	AR	+ 20	0.55%	0.31%	5.30%	
	iShares J.P. Morgan EM Local Currenc LEMB	37.18	305		5	8	8	7	5	18	19	24	25	27	23	27	22	25	24	24	23	27	U3	3	BR	AR	+ 10	-0.47%	-2.05%	2.93%	
	SPDR Bloomberg Short Term Internati BWX	26.71	179		1	6	7	6	8	17	19	22	22	24	25	29	24	28	26	22	22	26	U3	1	AR	AR	- 2	1.24%	1.57%	6.30%	
	First Trust Emerging Markets Local Cui FEMB	26.43	141		6	12	8	7	8	17	19	22	22	24	25	29	26	28	27	26	22	26	U3	2	BF	BR	+ 17	-1.31%	-2.60%	2.81%	
ALTERNATIVES																															
EF-72	Currency				3	10	12	11	14	25	24	27	29	29	28	29	27	28	27	26	26	28	U3	1	AR	AR	+ 9	0.14%	-0.15%	3.60%	
	Invesco Currencyshares Japanese Yer FXY	62.84	660		1	7	6	7	6	17	14	27	25	29	30	28	28	29	27	29	26	28	U3	3	AR	AR	+ 10	2.06%	0.75%	7.07%	
	Invesco CurrencyShares Euro Trust FXE	100.97	237		1	6	7	6	6	28	19	22	30	29	25	29	27	28	26	26	25	26	U3	1	AR	AR	+ 19	1.10%	0.97%	6.55%	
	Invesco CurrencyShares Swiss Franc FFX	103.05	185		2	11	14	14	15	28	28	29	30	29	30	29	28	28	27	26	24	28	U2	3	AR	AR	+ 8	2.32%	2.04%	5.44%	
	Invesco CurrencyShares Canadian Do FXC	68.75	72		6	10	11	9	13	29	19	22	29	30	25	28	24	28	27	27	25	28	U1	6	AR	BF	+ 21	0.65%	1.12%	1.83%	
	Invesco CurrencyShares British Pound FXB	123.76	62		3	6	7	6	7	17	19	22	29	24	25	29	26	23	22	22	22	26	U3	1	AR	AR	- 2	-0.47%	-0.15%	4.38%	
	Invesco CurrencyShares Australian Do FXA	59.80	60		10	10	11	9	13	29	19	22	30	30	25	30	29	29	28	29	27	29	D3	1	BF	BF	+ 19	-3.87%	-4.20%	-2.52%	
	WisdomTree Emerging Currency Strat CEW	17.37	7		5	9	6	6	8	17	12	19	21	24	22	25	21	23	24	23	22	25	U3	4	BF	AR	+ 10	-0.84%	-1.57%	2.46%	
EF-73	Commodities				6	2	3	2	5	8	3	7	7	10	14	14	7	20	20	22	23	21	U3	8	BF	AR	- 1	-5.41%	-2.90%	2.45%	
	SPDR Gold Shares	GLD	279.72	90,937	1	1	1	1	1	2	2	3	2	4	7	10	2	10	9	12	10	15	U3	12	AR	AR	+ 11	-1.53%	4.22%	14.88%	
	iShares Gold Trust	IAU	57.26	41,657	1	1	1	1	1	2	2	3	2	4	7	10	2	10	9	12	10	15	U3	12	AR	AR	+ 11	-1.50%	4.28%	15.00%	
	Sprott Physical Gold Trust Units	PHYS	23.40	10,270	1	1	1	1	1	2	2	3	2	4	7	10	3	11	11	14	11	16	U3	12	AR	AR	+ 11	-1.76%	3.08%	15.27%	
	abrdn Physical Gold Shares ETF	SGOL	28.96	4,636	1	1	1	1	1	2	2	3	2	4	7	10	2	10	9	12	10	15	U3	12	AR	AR	+ 11	-1.46%	4.32%	15.01%	
	SPDR S&P Global Natural Resources I GNR	47.52	2,431		18	9	11	14	17	24	20	21	27	28	25	24	28	29	29	30	30	29	D2	1	BF	BF	+ 21	-10.96%	-10.25%	-5.47%	
	First Trust Global Tactical Commodity FTGC	23.93	2,372		6	2	5	4	5	8	7	8	9	11	12	9	6	12	14	15	14	22	D1	1	BF	AR	- 24	-5.49%	-3.59%	0.48%	
	VanEck Merk Gold Trust	OUNZ	29.27	1,467	1	1	1	1	1	2	2	3	2	4	7	10	2	10	9	12	10	15	U3	12	AR	AR	+ 11	-1.51%	4.31%	14.96%	
	abrdn Physical Silver Shares ETF	SIVR	28.36	1,435	11	1	2	1	2	17	3	8	7	13	21	20	12	24	28	26	25	22	U3	3	BF	BF	- 1	-12.68%	-8.55%	0.35%	
	Invesco DB Commodity Index Tracking DBC	20.95	1,277		9	5	6	7	8	5	3	8	9	11	11	5	2	12	14	21	22	25	D1	3	BF	BF	- 1	-5.59%	-4.56%	-2.47%	
	abrdn Physical Precious Metals Basket GLTR	121.92	1,265		1	1	1	1	2	4	2	4	5	5	12	15	5	17	20	19	17	19	U3	11	BR	AR	+ 10	-4.82%	0.23%	9.65%	
	abrdn Physical Platinum Shares ETF	PPLT	83.90	986	10	5	6	5	17	27	17	17	17	13	25	25	12	25	28	29	27	30	U3	3	BF	BF	- 1	-6.74%	-4.77%	-2.10%	
	iShares S&P GSCI Commodity Indexer GSG	21.03	958		9	5	6	8	9	5	4	6	6	5	5	1	1	7	8	17	15	20	D1	4	BF	BF	- 5	-6.07%	-4.67%	-4.19%	
	Invesco DB Agriculture Fund	DBA	26.14	808		6	7	6	7	6	5	2	2	1	1	1	2	1	1	3	6	10	D1	4	BF	AR	- 108	-1.25%	-1.36%	-1.32%	
	iShares U.S. ETF Trust iShares GSCI COMT	24.53	623		9	5	6	11	14	9	6	8	8	8	8	3	2	10	11	19	22	23	D1	4	BF	BF	- 1	-6.02%	-3.99%	-3.95%	
	iShares North American Natural Resou IGE	39.49	563		20	7	10	9	13	17	19	22	22	24	18	13	15	23	28	29	20	21	D3	3	BF	BF	+ 4	-12.50%	-7.79%	-8.83%	
	SPDR S&P North American Natural Re NANR	48.42	547		19	8	12	16	23	23	23	25	27	28	24	19	24	29	29	29	30	26	D3	1	BF	BF	- 54	-12.29%	-8.69%	-6.70%	
	VanEck Agribusiness ETF	MOO	62.31	520		16	15	14	15	9	22	25	29	29	21	23	25	29	29	29	29	26	D2	1	BF	BF	+ 20	-7.95%	-10.23%	-4.02%	
	abrdn Physical Palladium Shares ETF	PALL	84.07	349		14	16	21	18	25	30	28	29	29	13	23	27	23	29	29	29	28	D3	4	BF	BF	- 1	-5.45%	-3.32%	-0.76%	
	United States Commodity Index Fund	USCI	68.41	226		3	1	1	1	2	3	2	3	2	2	2	1	1	3	3	8	6	10	U3	23	BF	AR	- 5	-4.44%	-1.84%	2.90%
	Invesco DB Precious Metals Fund	DBP	67.70	179		1	1	1	1	1	3	2	4	3	5	10	8	2	11	11	13	15	20	U3	12	AR	AR	- 73	-4.25%	1.23%	10.93%

			Relative Strength Ranking - RSR																				% Price Δ							
Group or Corp	Ticker	Price	MKT Cap(MM)	04/04	03/28	03/21	03/14	03/07	02/28	02/21	02/14	02/07	01/31	01/24	01/17	01/10	01/03	12/31	12/27	12/20	12/13	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month		
EF-73 Commodities	Sprott Physical Platinum and Palladium SPPP	9.07	179	11	7	12	7	18	28	22	17	25	19	25	27	22	29	30	29	29	30	U3	1	BF	BF	- 1	-7.07%	-5.32%	-0.33%	
	United States Copper Index Fund CPER	27.52	171	6	1	1	1	1	3	3	3	2	19	18	11	7	28	28	26	27	28	U3	7	BR	AF	+ 13	-13.87%	-6.65%	7.71%	
	Teucrium Wheat Fund WEAT	4.62	114	14	25	18	16	25	28	5	5	10	24	28	29	29	30	27	29	30	30	D2	1	BF	BF	- 2	0.00%	-3.95%	-1.07%	
	Invesco DB Base Metals Fund DBB	17.72	113	16	14	6	6	8	23	11	25	20	28	23	16	15	24	20	19	22	22	D2	1	BF	BF	- 69	-8.14%	-9.55%	-4.47%	
	Teucrium Corn Fund CORN	18.74	51	6	17	13	13	8	5	2	2	2	2	2	1	1	10	4	10	14	21	D2	1	BF	AR	- 5	1.51%	-1.73%	1.19%	
	Teucrium Soybean Fund SOYB	20.73	25	9	15	20	16	18	23	11	18	11	14	17	19	13	27	23	28	29	30	D2	4	BF	BF	- 3	-3.49%	-3.65%	-1.61%	
	Teucrium Sugar Fund CANE	12.24	11	4	7	4	9	25	28	6	22	30	30	30	30	26	28	28	29	28	24	U2	2	AR	AR	+ 8	-0.65%	4.08%	5.06%	
	EF-74 Multi-Class Income	First Trust Senior Loan Fund FTSL	44.58	2,327	7	11	8	7	9	12	13	20	16	17	18	16	11	14	14	14	14	21	D1	2	BF	BR	- 123	-2.43%	-2.43%	-1.99%
Invesco CEF Income Composite ETF PCEF		17.31	716	17	16	11	9	10	11	10	13	14	13	14	14	12	14	14	16	12	17	D2	2	BF	BF	- 68	-8.02%	-9.10%	-8.69%	
Amplify High Income ETF YYY		10.50	500	17	16	11	9	10	17	12	18	17	19	18	18	16	20	20	21	14	19	D2	2	BF	BF	- 69	-8.02%	-8.74%	-7.34%	
Multi-Asset Diversified Income Index Fd MDIV		15.45	426	9	10	9	7	9	10	13	20	18	19	21	17	17	17	18	19	15	20	D2	1	BF	BR	- 88	-5.27%	-5.36%	-3.44%	
Invesco Zacks Multi-Asset Income ETF CVY		23.04	102	18	16	11	9	13	17	19	21	21	19	19	15	19	21	24	25	16	21	D3	3	BF	BF	- 90	-9.54%	-8.73%	-8.93%	
First Trust S&P International Dividend Fd FID		16.56	84	6	3	5	5	5	17	19	22	29	24	25	24	27	23	22	22	18	21	U3	1	BR	BR	- 4	-4.35%	-4.09%	2.34%	
SPDR SSgA Income Allocation ETF INKM		30.84	70	8	13	8	8	10	13	19	22	22	24	23	21	19	21	21	20	16	21	D2	1	BF	BR	- 68	-2.85%	-3.08%	-1.24%	
First Trust High Income Strategic Focus HISF		44.21	46	4	9	8	7	9	12	19	22	22	24	25	24	19	22	21	20	18	22	U3	2	AR	AR	- 7	0.00%	0.16%	2.11%	
Highland iBoxx Senior Loan ETF SNLN		14.53	29	7	8	8	7	9	11	17	20	19	19	20	18	13	16	15	16	15	20	D2	1	BF	BR	- 73	-2.45%	-3.17%	-2.02%	
LEVERAGED/MISC																														
EF-75 Leveraged Long	ProShares UltraPro QQQ TQQQ	41.09	14,556	30	30	30	30	30	29	6	3	8	7	4	4	7	4	3	4	2	3	D3	2	BF	BF	- 106	-28.34%	-38.87%	-49.99%	
	Direxion Daily 20+ Year Treasury Bull 3x TMF	47.18	5,506	1	20	11	21	27	17	30	30	30	30	30	30	30	30	30	30	30	28	U2	1	AR	BF	+ 21	10.23%	9.32%	19.26%	
	ProShares Ultra QQQ QLD	71.81	4,761	30	30	30	30	30	17	7	6	9	9	6	6	8	6	4	6	3	6	D3	2	BF	BF	- 108	-19.26%	-26.97%	-35.45%	
	Direxion Daily Semiconductor Bull 3x S SOXL	8.73	4,578	30	30	30	30	30	30	30	30	30	30	20	21	30	30	30	30	30	30	D3	7	BF	BF	+ 31	-45.54%	-58.06%	-70.63%	
	ProShares Ultra S&P 500 SSO	67.17	3,745	30	30	30	29	28	17	10	9	12	11	9	10	12	10	7	9	5	7	D3	2	BF	BF	- 71	-17.89%	-23.52%	-28.62%	
	Direxion Daily S&P 500 Bull 3x Shares SPXL	101.50	2,974	30	30	30	30	30	23	8	3	6	2	1	2	13	3	4	1	2	1	D3	4	BF	BF	- 17	-26.41%	-34.39%	-41.45%	
	ProShares UltraPro S&P500 UPRO	53.82	2,508	30	30	30	30	30	17	9	7	10	8	6	8	12	8	5	7	3	3	D3	3	BF	BF	- 70	-25.91%	-33.72%	-40.80%	
	Direxion Daily Financial Bull 3x Shares FAS	107.45	1,703	30	20	11	27	13	2	4	3	2	2	3	3	11	5	3	4	2	2	D2	2	BF	BR	- 69	-29.47%	-29.37%	-29.67%	
	Direxion Daily Technology Bull 3x Shares TECL	39.05	1,500	30	30	30	30	30	30	19	9	22	28	8	12	18	8	5	8	5	6	D3	4	BF	BF	+ 5	-33.17%	-44.65%	-58.41%	
	Direxion Daily Small Cap Bull 3x Shares TNA	21.32	1,335	30	30	30	30	30	30	30	30	29	24	15	24	30	23	25	25	5	2	D3	6	BF	BF	+ 6	-28.22%	-34.40%	-51.19%	
	Direxion Daily FTSE China Bull 3X Shares YINN	31.52	1,160	10	1	1	1	1	1	1	1	1	1	1	5	22	30	14	7	2	4	U3	5	BR	AR	- 1	-23.96%	-32.43%	14.33%	
	ProShares Ultra Financials UYG	69.47	662	29	16	11	21	13	2	5	5	4	4	5	4	10	6	5	6	3	3	D2	2	BF	BR	- 70	-20.09%	-19.85%	-19.21%	
	ProShares Ultra Semiconductors USD	29.19	516	30	30	30	30	30	30	19	13	30	30	5	5	7	3	5	13	10	17	D3	4	BF	BF	+ 5	-28.51%	-37.05%	-59.36%	
	ProShares Ultra Silver AGQ	33.07	501	27	1	1	1	2	27	2	4	6	4	25	23	8	30	30	30	30	28	U3	3	BF	BF	- 1	-28.42%	-20.29%	-6.92%	
	Direxion Daily S&P Biotech Bull 3X Shares LABU	44.44	454	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	26	D3	17	BF	BF	+ 17	-35.66%	-42.77%	-54.02%	
	ProShares Ultra Gold UGL	120.59	434	1	1	1	1	1	1	1	1	1	1	1	1	2	1	10	9	12	8	12	U3	12	AR	AR	+ 11	-3.71%	7.60%	27.97%
	ProShares Ultra Technology ROM	41.15	415	30	30	30	30	30	30	12	10	21	24	9	12	13	10	6	9	6	9	D3	4	BF	BF	+ 4	-22.65%	-31.48%	-42.42%	
	ProShares Ultra Bloomberg Crude Oil UCO	21.64	357	29	22	26	29	30	27	22	20	22	12	5	1	1	5	20	29	30	30	D3	1	BF	BF	- 6	-16.19%	-11.60%	-24.84%	
	ProShares Ultra Dow30 DDM	75.76	345	29	28	28	29	13	10	19	10	11	9	10	12	19	15	12	13	6	6	D3	3	BF	BF	- 70	-15.48%	-20.49%	-20.85%	
	Invesco DB US Dollar Index Bullish Fund UUP	28.26	322	7	16	16	16	17	5	11	15	8	8	12	5	1	3	1	5	11	18	D2	3	BF	BR	- 24	-0.88%	-0.46%	-4.46%	
	ProShares Ultra Russell2000 UWM	27.34	260	30	30	30	30	30	30	30	22	22	20	15	19	29	18	20	20	6	5	D3	5	BF	BF	+ 5	-18.94%	-23.48%	-36.60%	
	ProShares UltraPro Russell2000 URTY	25.05	217	30	30	30	30	30	30	30	30	29	24	15	24	30	23	25	22	5	2	D3	6	BF	BF	+ 6	-28.14%	-34.40%	-51.17%	
	WisdomTree Bloomberg US Dollar Bull Fund USDU	27.08	206	6	12	14	14	16	5	11	17	9	8	14	5	1	3	1	5	11	19	D2	2	BF	AR	- 96	-0.55%	0.26%	-2.59%	
	ProShares Ultra Bloomberg Natural Gas BOIL	73.09	192	1	1	1	1	1	1	1	1	1	1	4	1	1	1	5	1	5	13	30	U3	12	BR	AR	+ 131	-12.72%	-27.14%	47.99%
	Direxion Daily Energy Bull 2x Shares ERX	45.99	187	30	3	6	9	29	13	17	22	30	30	18	8	24	29	30	30	28	25	D3	2	BF	BF	+ 15	-27.88%	-18.46%	-20.12%	
	Direxion Daily S&P Oil & Gas Exp. & Producers GUSH	17.13	178	30	27	28	30	30	30	30	22	30	30	14	5	10	27	30	30	29	30	D3	6	BF	BF	+ 37	-35.33%	-26.16%	-40.90%	

			Relative Strength Ranking - RSR																				% Price Δ							
		MKT	04/04	03/28	03/21	03/14	03/07	02/28	02/21	02/14	02/07	01/31	01/24	01/17	01/10	01/03	12/31	12/27	12/20	12/13	TRIPLE	50	200							
Group or Corp	Ticker	Price	Cap(MM)	04	28	21	14	07	28	21	14	07	31	24	17	10	03	31	27	20	13	CYCLE	DAY	DAY	MACD	1 week	1 month	3 month		
EF-75	Leveraged Long																													
	Direxion Daily Healthcare Bull 3x Share	CURE	83.94	122	29	23	11	25	6	11	30	30	30	30	30	30	30	30	30	30	30	D3	1	BF	BF	+ 19	-18.77%	-26.24%	-11.15%	
	Direxion Daily MSCI Brazil Bull 2X Shar	BRZU	47.40	114	17	5	3	7	29	30	30	22	30	30	30	30	30	30	30	30	30	U2	2	BF	BF	+ 52	-11.55%	-3.94%	15.34%	
	ProShares Ultra MidCap400	MVV	47.66	100	30	30	30	30	30	30	30	22	19	13	12	12	23	18	18	20	6	6	D3	5	BF	BF	+ 4	-18.07%	-22.32%	-31.13%
	Direxion Daily S&P 500 Bull 2x Shares	SPUU	107.44	95	30	30	30	29	29	17	10	9	12	11	9	10	12	10	7	9	5	6	D3	2	BF	BF	- 71	-17.79%	-23.30%	-28.52%
	Direxion Daily MSCI India Bull 2X Shar	INDL	50.54	81	25	26	28	30	30	30	30	30	30	30	30	30	30	30	30	30	27	29	D3	19	BF	BF	+ 19	-8.36%	-0.41%	-17.17%
	ProShares Ultra Health Care	RXL	41.86	72	25	18	11	9	6	10	19	30	29	24	30	30	30	30	30	30	30	30	D3	1	BF	BF	+ 19	-12.94%	-18.07%	-6.44%
	Direxion MSCI Daily South Korea Bull 3	KORU	32.42	63	30	30	24	28	30	30	30	30	30	30	30	30	30	30	30	30	30	30	D3	1	BF	BF	+ 35	-18.60%	-24.04%	-15.48%
	ProShares Ultra Yen	YCL	22.77	61	1	7	6	6	4	23	18	30	29	30	30	30	30	30	30	30	30	30	U3	1	AR	AR	+ 10	3.93%	0.75%	12.33%
	ProShares Ultra Oil & Gas	DIG	29.76	61	30	3	6	9	29	13	18	22	30	30	18	8	24	29	30	30	28	25	D3	2	BF	BF	+ 14	-27.85%	-18.72%	-20.22%
	Direxion Daily 7-10 Year Treasury Bull	TYD	26.56	61	1	4	6	7	10	11	30	30	30	30	30	30	30	30	30	30	29	26	U3	1	AR	AR	+ 19	5.65%	7.31%	14.10%
	Direxion Daily MSCI Emerging Markets	EDC	24.32	57	30	20	7	6	7	30	7	13	30	30	30	30	30	30	30	30	26	29	D3	1	BF	BF	+ 16	-21.50%	-25.72%	-15.91%
	ProShares Ultra Real Estate	URE	56.46	55	26	23	27	26	13	17	29	30	30	30	30	30	30	30	30	30	19	17	D3	2	BF	BR	+ 12	-11.77%	-15.45%	-9.99%
	Direxion Daily Mid Cap Bull 3x Shares	MIDU	29.98	54	30	30	30	30	30	30	30	22	22	12	9	10	29	22	22	22	4	3	D3	5	BF	BF	+ 5	-26.95%	-33.08%	-44.45%
	Direxion Daily Real Estate Bull 3x Shar	DRN	8.22	49	30	28	30	30	28	17	30	30	30	30	30	30	30	30	30	30	22	15	D3	2	BF	BF	+ 12	-17.96%	-23.21%	-16.88%
	ProShares Ultra Nasdaq Biotechnology	BIB	40.45	45	30	29	27	27	28	30	19	30	30	30	30	30	30	30	30	30	30	29	D3	2	BF	BF	+ 18	-19.28%	-25.73%	-21.82%
	BetaPro Crude Oil Leveraged Daily Bul	HZOZF	7.75	44	16	27	30	26	29	30	30	30	30	30	30	25	30	30	30	30	30	30	D2	2	BF	BF	- 11	0.00%	-9.88%	0.00%
	Direxion Daily Retail Bull 3x Shares	RETL	4.94	29	30	30	30	30	30	30	30	22	30	12	13	24	11	11	5	6	2	3	D3	4	BF	BF	+ 5	-17.11%	-28.53%	-49.90%
	ProShares Ultra Basic Materials	UYM	19.08	27	30	29	30	30	29	30	30	30	30	30	30	30	30	30	30	30	30	26	D3	2	BF	BF	+ 15	-17.20%	-21.89%	-14.19%
	Direxion Daily FTSE Europe Bull 3X Sh	EURL	20.71	26	25	1	2	2	2	3	5	6	22	24	25	30	30	30	30	30	30	30	U3	2	BF	BF	- 5	-25.05%	-31.91%	2.29%
	BetaPro S&P/TSX Capped Financials 2	*HFU	18.96	23	24	24	26	27	26	4	8	6	5	1	1	1	2	1	1	1	1	1	D3	3	BF	BR	- 18	-9.05%	-9.75%	-13.75%
	ProShares Ultra SmallCap600	SAA	16.95	22	30	30	30	30	30	30	30	29	29	19	17	17	29	22	22	21	6	6	D3	5	BF	BF	+ 6	-18.39%	-24.34%	-35.90%
	ProShares Ultra 7-10 Year Treasury	UST	45.00	22	1	4	6	7	9	11	19	30	29	30	30	30	30	29	28	29	26	25	U3	1	AR	AR	+ 19	5.06%	6.43%	11.69%
	ProShares UltraPro MidCap400	UMDD	15.20	19	30	30	30	30	30	30	30	22	22	12	9	10	29	22	22	22	4	3	D3	5	BF	BF	+ 5	-26.53%	-32.75%	-44.36%
	ProShares Ultra Industrials	UXI	28.21	17	30	29	28	29	27	25	30	21	17	12	9	12	24	22	17	17	9	7	D3	5	BF	BF	- 68	-18.79%	-23.77%	-22.98%
ProShares Ultra FTSE China 50	XPP	20.29	16	7	1	1	1	1	2	2	2	4	6	9	12	28	10	5	7	5	9	U3	9	BR	AR	- 47	-16.84%	-22.77%	11.91%	
ProShares Ultra MSCI Emerging Marke	EET	46.02	12	26	17	7	6	6	28	8	13	29	30	25	30	30	30	29	28	29	22	26	D3	1	BF	BF	- 3	-14.48%	-17.47%	-9.61%
ProShares Ultra High Yield	UJB	69.43	10	10	15	8	9	8	10	12	18	17	19	18	16	14	16	16	17	15	19	D2	1	BF	BR	- 71	-4.32%	-6.16%	-4.14%	
ProShares Ultra MSCI EAFE	EFO	39.42	9	21	2	3	2	2	7	9	11	22	24	24	30	30	30	30	30	28	26	U3	2	BF	BF	- 5	-17.62%	-22.05%	-4.19%	
ProShares Ultra Euro	ULE	11.58	5	1	3	4	1	2	30	30	30	30	30	30	30	30	30	30	29	30	30	U3	1	AR	AR	+ 10	1.71%	1.22%	11.94%	
ProShares Ultra MSCI Brazil Capped	UBR	15.70	2	16	5	3	7	29	30	30	21	30	30	30	30	30	30	30	30	30	30	U2	2	BF	BF	+ 52	-11.34%	-3.72%	15.46%	
EF-76	Leveraged Short																													
	ProShares UltraPro Short QQQ	SQQQ	50.36	3,405	1	1	2	2	3	28	30	30	30	30	30	30	30	30	30	30	30	U3	1	AR	AR	+ 115	31.49%	48.23%	71.23%	
	ProShares Short S&P500	SH	49.05	1,439	1	1	4	4	5	17	19	30	29	24	30	24	14	23	25	22	28	29	U3	3	AR	AR	+ 70	9.44%	13.31%	17.63%
	ProShares UltraPro Short S&P500	SPXU	33.51	720	1	1	2	2	3	28	30	30	30	30	30	30	23	30	30	30	30	30	U3	2	AR	AR	+ 122	28.88%	41.35%	54.71%
	ProShares Short QQQ	PSQ	44.78	697	1	1	4	3	5	17	29	30	30	30	30	29	19	29	28	29	30	30	U3	2	AR	AR	+ 112	10.24%	15.42%	22.43%
	Direxion Daily Semiconductor Bear 3x	SOXS	45.52	669	1	1	2	2	2	4	30	30	22	30	30	30	26	30	29	15	30	26	U3	3	AR	AR	+ 123	58.11%	92.02%	124.85%
	ProShares UltraShort Bloomberg Natur	KOLD	22.26	635	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	D3	17	BF	BF	- 21	11.02%	24.43%	-53.26%
	ProShares UltraShort S&P500	SDS	25.86	570	1	1	2	2	4	17	29	30	30	30	30	30	30	18	29	29	29	30	U3	2	AR	AR	+ 71	19.01%	26.92%	35.53%
	Direxion Daily S&P 500 Bear 3x Share	SPXS	9.34	555	1	1	2	2	3	26	30	30	30	30	30	30	23	30	30	30	30	30	U3	2	AR	AR	+ 122	28.83%	41.40%	55.07%
	ProShares UltraPro Dow30	UDOW	65.62	492	30	30	30	30	28	11	19	8	9	7	8	11	27	16	10	12	5	3	D3	4	BF	BF	- 70	-23.00%	-30.05%	-31.09%
	Direxion Daily Small Cap Bear 3x Shar	TZA	22.01	342	1	1	1	1	1	3	6	30	30	30	30	30	8	29	28	29	30	30	U3	4	AR	AR	- 3	31.09%	39.76%	80.49%
	ProShares UltraShort QQQ	QID	45.92	331	1	1	2	2	3	17	30	30	30	30	30	30	29	30	30	30	30	30	U3	1	AR	AR	+ 113	20.68%	31.40%	45.99%
	ProShares UltraPro Short Dow30	SDOW	67.05	302	1	1	2	2	5	29	19	30	30	30	30	30	10	27	28	29	30	30	U3	3	AR	AR	+ 70	24.70%	35.53%	35.39%
	ProShares UltraShort 20+ Year Treasu	TBT	32.00	266	14	11	11	7	7	27	9	10	9	6	5	4	2	3	3	5	6	23	D2	2	BF	BF	- 20	-6.60%	-6.26%	-12.54%
	ProShares Short Russell2000	RWM	22.75	221	1	1	2	2	2	6	9	22	22	24	25	23	10	21	18	20	28	23	U3	5	AR	AR	- 5	10.17%	13.00%	24.21%

		Relative Strength Ranking - RSR																				% Price Δ							
Group or Corp	Ticker	Price	MKT Cap(MM)	04/04	03/28	03/21	03/14	03/07	02/28	02/21	02/14	02/07	01/31	01/24	01/17	01/10	01/03	12/31	12/27	12/20	12/13	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month	
				04	28	21	14	07	28	21	14	07	31	24	17	10	03	31	27	20	13								
EF-76	Leveraged Short																												
	ProShares UltraShort Bloomberg Crude	20.38	207	1	7	4	1	1	24	29	30	30	30	30	30	30	30	27	19	12	27	U2	5	AR	AR	+ 7	15.47%	9.33%	26.19%
	ProShares Short Dow30	29.49	157	1	2	5	4	7	17	19	29	29	29	25	24	11	20	22	22	26	30	U3	4	AR	AR	+ 69	8.06%	11.49%	12.25%
	Direxion Daily 20+ Year Treasury Bear	32.35	157	18	11	11	7	6	29	7	7	7	3	3	2	2	2	2	3	5	24	D2	3	BF	BF	- 20	-9.46%	-9.04%	-18.04%
	Direxion Daily Financial Bear 3X Share	7.74	141	1	19	11	7	13	30	30	30	30	30	30	30	29	30	30	30	30	30	U2	1	AR	AF	+ 70	32.08%	29.67%	25.95%
	Direxion Daily Technology Bear 3X Share	87.43	117	1	1	2	2	2	9	30	30	30	30	30	30	29	30	30	30	30	30	U3	2	AR	AR	+ 122	38.21%	59.44%	92.54%
	ProShares UltraPro Short Russell2000	31.94	115	1	1	1	1	1	3	6	30	30	30	30	30	30	9	29	28	29	30	U3	4	AR	AR	- 3	31.17%	39.55%	79.94%
	ProShares Short High Yield	16.50	96	2	9	9	7	10	17	19	22	22	24	24	21	12	19	16	18	20	26	U3	2	AR	AR	+ 69	2.36%	3.51%	3.16%
	ProShares UltraShort Dow30	32.87	71	1	1	3	2	6	27	19	30	30	30	30	29	10	23	27	27	30	30	U3	3	AR	AR	+ 70	16.23%	23.27%	23.78%
	Invesco DB US Dollar Index Bearish Fund	17.74	71	1	4	6	6	5	24	24	27	29	29	27	29	27	28	27	26	26	28	U3	2	AR	AR	+ 19	1.03%	0.74%	6.42%
	ProShares UltraShort Russell2000	64.16	64	1	1	2	2	2	4	8	22	29	29	30	28	9	27	24	25	30	30	U3	4	AR	AR	- 4	20.40%	25.95%	50.40%
	ProShares Short 20+ Year Treasury	23.03	64	8	9	9	7	8	17	10	13	13	11	11	9	4	7	6	9	11	23	D2	1	BF	BR	- 21	-3.28%	-2.99%	-5.90%
	Direxion Daily Real Estate Bear 3X Share	32.23	61	1	3	4	4	10	29	11	15	13	9	12	7	2	5	4	4	22	30	U3	1	AR	AF	+ 4	18.54%	25.31%	11.69%
	ProShares UltraShort Gold	13.45	60	26	30	30	30	30	30	30	30	30	30	30	30	29	27	25	26	28	30	D3	12	BF	BF	- 11	3.38%	-7.56%	-22.66%
	ProShares UltraShort Euro	31.49	33	14	21	21	23	25	2	5	10	2	2	8	1	1	1	1	1	1	7	D3	1	BF	BR	- 11	-2.28%	-1.35%	-10.64%
	ProShares UltraPro Short 20+ Year Treasury	62.87	30	20	14	11	7	7	29	8	7	8	3	3	3	2	2	2	3	5	26	D2	3	BF	BF	- 20	-10.60%	-10.81%	-19.89%
	ProShares UltraShort Silver	38.47	29	1	30	30	30	30	29	30	30	30	30	30	30	30	19	3	17	20	30	D3	5	AR	AF	+ 57	31.21%	16.72%	-3.83%
	ProShares UltraShort FTSE Europe	38.81	28	1	29	30	30	30	30	30	30	29	24	25	10	3	4	4	4	9	19	D3	3	AR	AR	+ 5	17.64%	24.87%	-6.10%
	ProShares UltraShort Real Estate	55.54	26	1	3	5	4	9	27	11	15	14	11	13	9	2	7	5	6	21	29	U3	1	AR	AF	- 11	12.22%	16.57%	8.67%
	Direxion Daily Energy Bear 2X Shares	27.62	25	1	25	26	8	4	29	29	22	15	12	30	30	10	11	4	4	13	26	U3	1	AR	AR	+ 1	31.27%	15.82%	15.96%
	ProShares UltraShort Oil & Gas	45.47	23	1	25	26	9	5	29	29	22	15	12	30	30	10	11	4	4	14	26	U3	1	AR	AR	+ 3	31.23%	16.00%	15.91%
	ProShares UltraShort Yen	42.40	23	11	17	18	18	23	14	25	11	15	2	1	1	1	1	1	1	1	12	D3	1	BF	BF	- 5	-3.88%	-1.12%	-10.17%
	Direxion Daily MSCI Emerging Markets	9.77	22	1	16	27	27	29	12	30	30	22	14	22	10	3	9	9	10	22	26	U1	1	AR	AR	+ 5	23.67%	28.82%	10.07%
	ProShares UltraShort Financials	40.66	15	1	14	11	7	13	30	30	30	30	30	30	30	24	30	30	30	30	30	U2	2	AR	AF	+ 70	20.80%	20.27%	18.30%
	ProShares Short 7-10 Year Treasury	27.67	12	8	14	11	9	10	17	12	17	14	13	14	12	7	12	11	13	13	22	D2	2	BF	BF	- 21	-2.50%	-2.66%	-4.04%
	ProShares Short MSCI Emerging Markets	27.71	12	1	12	11	9	13	11	28	22	19	17	21	14	7	13	13	14	18	23	U3	1	AR	AR	+ 3	7.50%	9.20%	4.37%
	ProShares Short MSCI EAFE	16.83	12	1	19	24	22	28	27	19	30	22	21	23	13	6	10	10	9	14	22	D3	2	AR	AR	+ 4	9.36%	12.39%	1.60%
	ProShares Short Real Estate	18.11	11	1	4	6	5	9	17	12	18	14	13	15	12	5	11	9	11	18	26	U3	2	AR	AR	- 12	6.21%	8.39%	5.12%
	ProShares UltraShort FTSE China 50	14.44	11	16	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	D3	12	AF	BF	+ 50	18.36%	25.11%	-17.76%
	ProShares Ultrashort Semiconductors	43.47	11	1	1	3	6	2	17	30	30	30	30	30	30	30	30	30	30	30	30	U3	1	AR	AR	+ 122	32.05%	44.10%	79.54%
	ProShares Short Financials	38.38	10	1	13	9	7	10	30	30	30	30	30	30	30	18	28	28	29	29	30	U2	2	AR	AF	+ 70	10.53%	10.28%	9.92%
	ProShares UltraShort MSCI Brazil Capital	15.53	8	3	26	30	26	7	4	19	30	14	14	7	3	2	2	2	2	2	3	D3	2	AF	AR	- 47	10.98%	0.84%	-18.55%
	ProShares Short S&P Mid Cap400	22.24	7	1	1	3	2	3	9	10	22	22	24	25	24	11	19	17	19	28	30	U3	5	AR	AR	- 4	9.29%	11.96%	18.99%
	ProShares UltraShort Technology	15.56	7	1	1	2	2	2	9	30	30	30	29	30	30	23	30	30	30	30	30	U3	3	AR	AR	+ 114	25.08%	38.34%	58.05%
	ProShares UltraShort Consumer Services	13.43	6	1	1	1	2	2	17	30	30	30	30	30	30	30	30	30	30	30	30	U3	1	AR	AF	+ 115	14.10%	22.18%	48.46%
	ProShares UltraShort MSCI Emerging Index	18.32	5	1	14	11	21	25	11	30	30	21	14	22	12	4	11	11	12	22	23	U2	1	AR	AR	+ 5	15.10%	18.80%	7.64%
	ProShares UltraPro Short MidCap400	13.84	5	1	1	1	1	2	5	7	29	30	30	30	30	11	26	25	26	30	30	U3	4	AR	AR	+ 1	28.27%	36.84%	59.99%
	BetaPro S&P/TSX Capped Financials - *HFD	4.99	5	1	4	6	2	8	28	25	29	29	29	29	27	19	25	25	25	25	29	U3	4	AR	AR	+ 5	9.20%	10.65%	15.87%
	BetaPro S&P/TSX Capped Energy -2x *HED	20.98	5	1	21	24	3	1	6	28	29	27	28	30	30	30	29	22	9	2	24	U3	1	AR	AR	+ 26	27.63%	8.91%	25.69%
	ProShares UltraShort Nasdaq Biotech	21.81	4	1	1	5	4	6	9	19	12	11	12	12	4	2	3	3	3	5	19	U3	2	AR	AR	- 16	21.71%	31.60%	24.03%
	ProShares Short FTSE China 50	12.50	4	8	29	30	30	30	30	30	30	30	30	30	30	19	30	30	30	30	30	D3	11	AF	BF	+ 49	8.92%	11.88%	-8.24%
	ProShares UltraShort SmallCap600	22.03	3	1	1	1	1	2	3	7	22	22	29	30	29	8	23	22	22	30	30	U3	5	AR	AR	- 4	18.96%	25.95%	47.94%
	BetaPro Gold Bullion -2x Daily Bear ET *HBD	14.20	2	26	30	30	30	30	30	30	30	30	30	30	30	30	30	29	29	30	30	D3	13	BF	BF	+ 73	3.82%	-7.02%	-22.04%
	ProShares UltraShort MSCI EAFE	16.13	2	1	25	30	29	30	30	30	30	22	23	24	10	3	6	6	5	11	22	D3	2	AR	AR	+ 5	19.05%	25.27%	1.09%
	ProShares UltraShort MidCap400	13.16	2	1	1	2	2	2	6	8	22	29	30	30	30	11	23	22	22	30	30	U3	4	AR	AR	- 3	18.64%	24.23%	38.69%
	ProShares UltraShort Basic Materials	18.91	2	1	1	2	2	3	6	7	13	9	11	13	9	2	2	3	3	8	22	U3	2	AR	AR	- 15	17.62%	24.04%	12.19%
	ProShares UltraShort Industrials	10.26	1	1	1	3	3	5	13	10	22	29	30	30	30	9	17	20	22	29	30	U3	5	AR	AR	+ 68	19.73%	26.78%	24.97%

		Relative Strength Ranking - RSR																				% Price Δ								
Group or Corp	Ticker	Price	MKT Cap(MM)	04/	03/	03/	03/	03/	02/	02/	02/	02/	01/	01/	01/	01/	01/	12/	12/	12/	12/	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month		
				04	28	21	14	07	28	21	14	07	31	24	17	10	03	31	27	20	13									
EF-76	Leveraged Short																													
	ProShares UltraShort Utilities	SDP	16.90	1	1	9	9	8	5	17	30	22	22	24	30	28	9	21	15	16	25	30	U3	2	AR	AF	+ 55	8.56%	5.38%	5.19%
	ProShares UltraShort Consumer Good	SZK	12.68	1	1	14	5	5	26	30	28	21	12	11	10	6	3	8	11	13	22	29	U3	1	AF	AF	- 12	4.53%	10.08%	-0.85%
EF-77	Misc.				14	18	17	16	18	21	16	16	11	14	13	15	10	12	17	16	18	19	D3	1	BF	BF	- 6	-4.52%	-5.21%	-6.13%
	First Trust Long/Short Equity ETF	FTLS	60.93	1,837	15	19	11	9	13	11	11	12	13	12	13	12	10	11	10	12	10	16	D2	3	BF	BF	- 121	-4.00%	-6.01%	-8.35%
	VanEck Uranium+Nuclear Energy ETF	NLR	67.73	897	29	30	29	30	30	30	29	11	2	5	1	6	6	3	23	17	21	19	D3	6	BF	BF	- 27	-8.65%	-10.59%	-22.49%
	SPDR SSGa Multi-Asset Real Return E	RLY	26.52	454	10	7	8	11	17	18	14	17	20	22	19	16	18	23	24	25	26	25	D1	1	BF	BF	- 69	-6.67%	-4.91%	-2.57%
	IQ Merger Arbitrage ETF	MNA	33.91	222	3	4	6	6	5	7	11	19	17	19	18	16	7	11	12	14	14	20	U3	17	AR	AR	+ 13	-1.17%	-0.26%	2.14%
	iShares Morningstar Multi-Asset Incom	IYLD	19.52	114	7	7	7	7	9	17	17	20	21	23	24	24	19	23	22	22	19	23	U3	1	BR	BR	- 7	-2.54%	-2.32%	0.62%
	Invesco S&P 500 Downside Hedged E	PHDG	33.90	107	18	22	24	23	13	17	19	19	18	20	21	21	14	19	16	18	15	20	D3	4	BF	BF	- 1	-6.25%	-8.95%	-10.03%
	AdvisorShares STAR Global Buy-Write	VEGA	40.47	58	15	18	16	16	17	11	14	15	14	17	17	16	14	15	16	12	15	20	D2	3	BF	BF	- 70	-5.26%	-7.18%	-6.55%
	ProShares Hedge Replication ETF	HDG	47.06	23	10	16	11	9	10	17	17	20	18	19	21	19	14	17	16	18	16	21	D3	1	BF	BF	- 70	-3.64%	-4.37%	-4.35%
	ProShares Inflation Expectations ETF	RINF	31.77	23	8	14	11	9	10	17	13	17	14	13	14	14	9	13	13	15	14	23	D2	2	BF	BF	- 25	-2.50%	-2.29%	-2.73%

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