



VERMILION RESEARCH, LLC

ETF Navigator

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			Relative Strength Ranking - RSR																				% Price Δ						
		Price	MKT Cap(MM)	03/06	02/27	02/20	02/13	02/06	01/30	01/23	01/16	01/09	01/02	12/31	12/26	12/19	12/12	12/05	11/28	11/21	11/14	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month	
Group or Corp	Ticker			06	27	20	13	06	30	23	16	09	02	31	26	19	12	05	28	21	14								
EF	INDEX																												
EF-01	Broad Index			21	21	20	20	18	14	15	14	13	12	12	11	11	12	11	11	11	11	U3	37	BR	AR	- 4	-2.62%	-2.93%	0.48%
	Vanguard Total Stock Market ETF	VTI	331.41	574,789	26	25	23	26	23	20	21	20	18	16	16	15	16	14	11	8	12	D1	1	BF	AR	- 23	-2.17%	-2.80%	-1.08%
	iShares Core S&P Total U.S. Stock Ma	ITOT	146.86	80,846	26	25	24	26	23	21	21	20	18	16	16	15	16	14	11	9	13	D1	1	BF	AR	- 23	-2.18%	-2.83%	-1.16%
	Schwab U.S. Broad Market ETF	SCHB	25.91	37,870	26	25	24	26	23	20	21	20	18	17	16	15	16	15	11	9	13	D1	1	BF	AR	- 23	-2.19%	-2.85%	-1.14%
	Vanguard Extended Market ETF	VXF	209.14	25,631	26	23	22	23	21	24	17	14	16	20	22	19	18	14	14	15	27	D1	1	BR	AR	- 6	-3.36%	-4.05%	-1.84%
	iShares Russell 3000 ETF	IWV	382.38	17,494	26	25	23	26	23	21	21	21	18	17	16	15	16	14	11	9	12	D1	1	BF	AR	- 23	-2.12%	-2.75%	-1.09%
	State Street SPDR Portfolio S&P 1500	SPTM	81.68	11,991	26	24	23	25	22	19	21	20	18	16	15	15	16	14	11	9	11	D1	1	BF	AR	- 23	-2.14%	-2.81%	-0.82%
	Schwab 1000 Index ETF	SCHK	32.36	4,823	26	25	24	26	23	22	22	21	18	17	16	15	16	15	11	9	13	D1	2	BF	AR	- 23	-2.15%	-2.76%	-1.16%
	Vanguard Russell 3000 ETF	VTHR	297.19	3,998	26	25	23	26	23	21	21	20	18	17	16	15	16	14	11	9	12	D1	1	BF	AR	- 19	-2.11%	-2.73%	-1.04%
	iShares Russell 2500 ETF	SMMD	77.09	2,328	19	16	15	15	14	15	9	8	8	15	17	13	10	9	11	9	21	U3	14	BR	AR	- 1	-4.44%	-4.82%	0.94%
	FlexShares Morningstar US Market Far	TILT	247.66	1,895	25	22	21	21	19	18	19	18	15	15	14	12	14	13	9	8	11	D1	1	BF	AR	- 23	-2.47%	-3.63%	-0.56%
	Schwab Fundamental U.S. Broad Mark	FNDB	27.57	1,137	13	14	14	14	12	13	14	12	10	13	12	11	12	9	9	7	7	U3	36	BR	AR	- 1	-2.89%	-3.30%	3.18%
	Vident U.S. Equity Strategy ETF	VUSE	65.25	622	26	27	28	28	29	29	27	26	23	26	23	20	22	22	21	21	28	D2	4	BF	AR	- 23	-1.67%	-0.53%	-1.72%
	iShares MSCI USA Size Factor ETF	SIZE	163.98	385	21	20	20	20	19	22	20	19	18	22	23	20	21	20	22	21	27	U3	14	BR	AR	- 1	-3.17%	-2.52%	0.72%
	ALPS Barron's 400 ETF	BFOR	84.38	203	17	16	15	15	15	17	14	14	15	18	19	15	15	14	19	19	26	U3	15	BR	AR	- 1	-3.76%	-3.68%	1.38%
	Invesco Bloomberg MVP Multi-factor E	BMVP	51.95	104	8	15	15	16	14	17	19	17	23	25	26	23	25	23	25	23	26	U3	16	AR	AR	+ 16	-1.62%	-1.88%	5.42%
	First Trust Dividend Strength ETF	FTDS	60.91	30	6	10	9	8	7	12	14	12	12	16	18	18	18	13	18	19	17	U3	16	AR	AR	+ 15	-2.51%	-2.81%	6.11%
	ALPS Active Equity Opportunity ETF	RFFC	67.97	27	18	17	16	16	16	12	15	12	11	12	11	8	14	13	8	6	6	U3	36	BR	AR	- 2	-3.51%	-3.08%	1.98%
EF-02	Equal Weight				19	20	21	21	20	15	15	16	14	13	13	13	13	13	13	13	13	U3	15	BR	AR	- 1	-2.53%	-1.88%	1.13%
	Invesco S&P 500 Equal Weight ETF	RSP	198.15	87,892	15	16	16	16	18	18	18	18	18	20	20	19	20	20	21	20	25	U3	15	BR	AR	- 1	-3.33%	-2.03%	2.86%
	Invesco S&P MidCap Quality ETF	XMHQ	103.99	5,111	26	22	22	23	19	24	19	20	22	27	29	23	25	26	28	28	29	U3	7	BR	AR	- 1	-4.05%	-4.55%	0.56%
	Invesco S&P 100 Equal Weight ETF	EQWL	119.85	2,321	18	20	20	19	18	18	19	19	17	16	15	16	17	15	17	16	14	U3	38	BR	AR	- 3	-1.98%	-2.35%	1.33%
	First Trust Nasdaq-100 Select Equal W	QQEW	133.25	1,692	28	30	30	30	30	29	27	28	23	26	22	19	20	21	18	21	28	D3	3	BF	BR	- 19	-0.64%	-0.94%	-6.91%
	Goldman Sachs Equal Weight U.S. Lar	GSEW	87.43	1,617	18	18	19	20	20	22	20	19	20	22	23	20	21	22	22	23	28	U3	14	BR	AR	- 1	-2.58%	-1.29%	2.15%
	iShares MSCI USA Equal Weighted ET	EUSA	105.48	1,551	18	20	20	20	20	23	21	20	20	22	23	20	21	21	22	22	28	U3	14	BR	AR	- 1	-2.43%	-1.71%	1.30%
	Direxion NASDAQ-100 Equal Weighted	QQQE	102.02	1,148	26	25	26	27	27	24	21	23	20	23	22	20	20	20	18	21	28	D1	3	BF	AR	- 19	-1.88%	-0.52%	-1.01%
	Invesco Russell 1000 Equal Weight ET	EQAL	55.94	766	8	12	14	14	15	16	15	16	17	19	19	19	19	19	20	18	24	U3	15	AR	AR	+ 9	-2.98%	-0.82%	5.70%
	Alps Equal Sector Weight ETF	EQL	48.68	657	10	14	16	15	18	17	19	19	20	20	19	19	21	21	21	18	20	U3	16	AR	AR	+ 9	-2.62%	-0.37%	4.91%
	First Trust Dow 30 Equal Weight ETF	EDOW	41.85	287	18	18	18	17	15	17	19	18	16	16	15	16	17	13	15	13	11	U3	37	BR	AR	- 1	-2.76%	-4.17%	0.55%
EF-03	Large Cap				25	24	23	24	22	15	16	17	13	11	11	11	11	12	11	10	10	D1	1	BF	AR	- 23	-1.93%	-2.45%	-0.58%
	Vanguard S&P 500 ETF	VOO	618.43	854,579	26	25	24	26	23	19	22	22	18	16	15	14	16	14	11	8	10	D1	2	BF	AR	- 19	-2.00%	-2.65%	-1.07%
	iShares Core S&P 500 ETF	IVV	675.40	730,040	26	25	24	26	23	19	22	22	18	16	15	14	16	14	11	8	10	D1	2	BF	AR	- 19	-2.03%	-2.65%	-1.08%
	State Street SPDR S&P 500 ETF	SPY	672.38	670,250	26	25	24	26	23	19	22	22	18	16	15	15	16	15	11	8	10	D1	2	BF	AR	- 19	-1.98%	-2.64%	-1.08%
	Invesco QQQ Trust Series I	QQQ	599.75	386,659	27	27	28	28	27	22	22	23	18	19	15	13	15	14	7	6	11	D2	2	BF	AR	- 19	-1.24%	-1.62%	-2.13%
	State Street SPDR Portfolio S&P 500 E	SPYM	79.13	106,129	26	25	24	26	23	19	22	22	18	16	15	14	16	14	11	8	10	D1	2	BF	AR	- 19	-2.02%	-2.63%	-1.07%
	Schwab U.S. Large-Cap ETF	SCHX	26.52	63,013	26	25	24	26	23	22	23	22	18	17	16	15	16	15	12	9	12	D1	2	BF	AR	- 23	-2.00%	-2.64%	-1.23%
	Vanguard Large-Cap ETF	VV	309.44	46,703	26	26	25	27	24	22	23	23	19	17	15	15	16	15	11	8	11	D1	3	BF	AR	- 19	-1.82%	-2.57%	-1.42%
	iShares Russell 1000 ETF	IWB	368.55	45,037	26	25	24	26	23	22	23	22	18	17	16	15	16	15	12	9	12	D1	2	BF	AR	- 23	-2.05%	-2.64%	-1.11%
	State Street SPDR Dow Jones Industri	DIA	475.23	42,530	26	22	19	19	18	15	16	15	13	11	9	12	11	13	12	15	9	D1	1	BF	AR	- 36	-2.95%	-5.03%	-0.63%
	iShares S&P 100 ETF	OEF	330.86	28,305	27	27	28	28	24	23	25	23	19	16	12	11	14	13	7	5	5	D2	2	BF	AR	- 19	-1.20%	-3.15%	-2.97%
	Schwab Fundamental U.S. Large Com	FNDX	28.23	23,853	13	14	15	15	12	13	14	13	10	12	12	11	12	9	9	7	7	U3	36	BR	AR	- 1	-2.76%	-3.12%	3.18%
	Invesco S&P 500 Top 50 ETF	XLG	56.59	11,235	28	28	28	29	27	24	26	25	20	16	12	10	14	13	7	5	5	D2	3	BF	AR	- 19	-0.93%	-2.95%	-3.94%
	Vanguard Mega Cap ETF	MGC	245.00	9,239	26	27	26	28	24	20	23	23	18	16	12	11	15	13	8	6	7	D2	1	BF	AR	- 19	-1.62%	-2.79%	-1.88%
	Invesco RAFI US 1000 ETF	PRF	48.32	8,816	14	16	15	15	13	13	14	12	10	12	11	10	10	8	8	7	7	U3	37	BR	AR	- 1	-2.80%	-3.36%	2.57%

				Relative Strength Ranking - RSR																			% Price Δ							
			MKT	03/06	02/27	02/20	02/13	02/06	01/30	01/23	01/16	01/09	01/02	12/31	12/26	12/19	12/12	12/05	11/28	11/21	11/14	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month		
Group or Corp	Ticker	Price	Cap(MM)																											
EF-03 Large Cap	Vanguard Russell 1000 ETF	VONE	304.96	7,098	26	25	24	26	23	21	22	22	18	17	16	15	16	15	12	9	12	12	D1	2	BF	AR	- 23	-2.09%	-2.74%	-1.08%
	iShares Dow Jones U.S. ETF	IYY	163.59	2,699	26	25	24	26	23	22	23	22	18	17	16	16	16	15	12	9	13	12	D1	2	BF	AR	- 23	-2.12%	-2.66%	-1.19%
	iShares Russell Top 200 ETF	IWL	166.54	2,007	26	27	26	28	24	21	23	23	18	16	13	12	15	14	9	7	8	8	D2	1	BF	AR	- 19	-1.67%	-2.65%	-1.85%
	Motley Fool 100 Index ETF	TMFC	68.80	1,866	28	29	28	29	29	27	27	25	21	19	15	15	16	15	9	7	10	9	D3	1	BF	BR	- 19	-0.85%	-1.87%	-3.80%
	First Trust Large Cap Core AlphaDEX I FEX		123.44	1,413	13	14	15	15	15	16	16	16	16	16	18	18	18	16	18	15	24	19	U3	15	BR	AR	- 1	-3.14%	-2.38%	3.67%
	iShares Morningstar U.S. Equity ETF	ILCB	92.92	1,138	26	26	24	27	23	21	23	22	18	17	16	15	16	15	12	9	12	11	D1	2	BF	AR	- 19	-1.95%	-2.62%	-1.23%
	Goldman Sachs JUST U.S. Large Cap JUST		95.36	503	26	25	23	26	22	19	22	21	17	16	14	15	17	15	13	9	9	11	D1	1	BF	AR	- 19	-1.98%	-3.02%	-0.80%
	First Trust Nasdaq-100 Ex-Technology QQXT		101.91	199	16	18	22	23	24	25	25	25	23	27	24	23	25	26	27	27	28	29	U3	15	AR	AR	+ 15	-2.03%	1.26%	2.55%
	First Trust Bloomberg Shareholder Yiel SHRY		44.61	18	8	16	17	18	19	20	25	25	24	28	29	27	27	27	29	29	30	29	U3	6	AR	AR	+ 13	-1.21%	0.86%	5.48%
EF-04 Mid-Cap					18	18	17	17	17	14	15	14	13	13	14	13	13	13	13	13	14	14	U3	14	BR	AR	- 1	-3.66%	-3.84%	1.37%
	iShares Core S&P Mid-Cap ETF	IJH	68.22	106,699	18	14	14	15	13	17	14	10	15	18	21	18	18	17	20	18	26	25	U3	15	BR	AR	- 1	-4.57%	-4.89%	2.07%
	Vanguard Mid-Cap ETF	VO	296.69	94,465	20	20	21	21	22	24	24	23	23	26	26	23	24	22	23	23	28	26	U3	14	BR	AR	- 1	-3.11%	-1.48%	1.19%
	iShares Russell Midcap ETF	IWR	99.28	47,898	18	18	17	18	18	22	19	18	19	22	24	20	21	21	22	21	28	26	U3	14	BR	AR	- 1	-3.60%	-2.46%	1.97%
	State Street SPDR S&P MIDCAP 400 I MDY		623.08	24,155	18	15	14	15	13	17	15	11	15	19	21	19	18	17	20	18	26	26	U3	15	BR	AR	- 1	-4.56%	-4.92%	1.99%
	Schwab U.S. Mid-Cap ETF	SCHM	31.39	13,024	14	13	13	14	13	15	11	9	10	17	19	18	16	15	18	18	25	24	U3	15	BR	AR	- 1	-4.56%	-3.83%	3.15%
	Vanguard S&P Mid-Cap 400 ETF	IVOO	115.56	3,157	18	14	14	15	13	17	14	11	15	18	21	18	18	17	20	18	25	25	U3	15	BR	AR	- 1	-4.54%	-4.90%	2.06%
	Franklin U.S. Mid Cap Multifactor Index FLQM		57.01	1,750	23	22	22	23	21	26	25	23	22	26	25	22	21	22	22	23	27	28	U3	15	BR	AR	- 1	-2.44%	-2.74%	0.29%
	iShares Morningstar Mid-Cap ETF	IMCB	85.31	1,459	18	17	17	18	18	22	20	20	20	22	24	22	22	22	22	23	28	26	U3	14	BR	AR	+ 9	-3.62%	-2.20%	2.33%
	First Trust Mid Cap Core AlphaDEX Fu FNX		129.56	1,231	20	16	14	15	12	16	11	9	10	16	19	17	15	13	15	13	25	25	U3	14	BR	AR	- 1	-4.63%	-5.83%	0.87%
	Invesco S&P MidCap 400 GARP ETF	GRPM	118.70	475	26	27	22	23	20	25	23	23	20	22	22	19	17	16	18	17	24	20	D1	1	BF	AR	- 4	-2.53%	-4.82%	-2.52%
First Trust Mid Cap Value AlphaDEX Fi FNK		57.69	208	16	16	14	14	9	15	15	14	13	19	20	19	19	14	21	20	27	28	U3	15	BR	AR	- 1	-3.56%	-5.40%	1.93%	
First Trust SMID Capital Strength ETF	FSCS	36.57	60	22	22	22	22	22	26	25	25	25	29	29	27	26	28	29	29	30	29	U3	6	BR	AR	+ 13	-2.19%	-2.59%	1.03%	
EF-05 Small-Cap					20	18	16	16	15	13	11	11	11	12	12	10	10	10	11	10	12	12	U3	14	BR	AR	- 2	-3.57%	-4.70%	0.06%
	iShares Core S&P Small Cap ETF	IJR	124.79	92,276	17	16	14	14	9	14	11	8	10	16	19	13	11	8	13	12	19	18	U3	15	BR	AR	- 1	-3.79%	-5.44%	1.01%
	Vanguard Small-Cap ETF	VB	265.20	71,208	19	16	15	15	15	16	11	9	10	16	19	17	16	13	15	14	24	23	U3	14	BR	AR	- 1	-4.30%	-4.38%	1.34%
	iShares Russell 2000 ETF	IWM	250.89	70,638	24	18	16	16	15	14	7	5	7	13	15	8	7	6	7	5	10	14	U3	14	BR	AR	- 3	-4.02%	-5.33%	-0.83%
	Schwab U.S. Small-Cap ETF	SCHA	29.19	19,836	19	16	14	15	12	13	7	6	7	13	14	8	7	6	7	6	13	16	U3	15	BR	AR	- 2	-4.36%	-5.50%	0.27%
	State Street SPDR Portfolio S&P 600 S SPSM		48.62	14,188	17	16	14	14	9	14	11	8	10	16	19	12	11	8	13	12	19	18	U3	15	BR	AR	- 1	-3.82%	-5.46%	0.97%
	Vanguard Russell 2000 ETF	VTWO	101.40	14,031	24	18	16	16	15	14	7	5	7	13	14	8	7	6	7	5	9	14	U3	14	BR	AR	- 3	-4.09%	-5.32%	-0.83%
	Schwab Fundamental U.S. Small Comj FNDA		32.94	9,426	14	13	11	12	8	14	10	8	8	17	19	16	14	9	13	13	22	23	U3	15	BR	AR	- 1	-4.27%	-5.40%	2.23%
	Fidelity Nasdaq Composite Index ETF	ONEQ	88.17	8,896	28	27	28	28	27	22	21	22	17	16	12	8	9	11	7	5	6	5	D2	2	BF	AR	- 19	-1.18%	-2.62%	-3.34%
	State Street SPDR S&P 600 Small Cap SLYG		97.34	3,991	20	17	16	15	15	18	15	11	17	22	24	18	17	13	19	18	26	27	U3	14	BR	AR	- 1	-4.18%	-4.75%	0.09%
	Vanguard S&P Small-Cap 600 ETF	VIOO	115.10	3,363	17	16	14	14	8	14	10	8	9	16	18	12	11	7	13	12	19	18	U3	15	BR	AR	- 1	-3.81%	-5.53%	0.96%
	Invesco RAFI US 1500 Small-Mid ETF	PRFZ	46.82	2,644	22	20	17	18	17	17	11	8	9	17	17	11	9	7	8	7	14	17	U3	14	BR	AR	- 3	-3.42%	-4.10%	-0.58%
	First Trust Small Cap Core Alphadex Fi FYX		119.34	1,050	8	13	9	8	7	7	6	5	5	9	8	6	5	4	6	5	7	13	U3	15	BR	AR	- 1	-2.85%	-4.27%	2.77%
	TR Activebeta US Small Cap Equity ET GSSC		75.58	854	26	22	19	19	18	17	14	10	11	19	18	15	10	8	13	12	22	20	U3	14	BF	AR	- 3	-4.09%	-5.61%	-2.39%
	JPMorgan Diversified Return U.S. Sma JPSE		52.67	536	14	14	14	13	10	14	9	8	11	19	19	15	15	8	13	13	16	17	U3	14	BR	AR	- 1	-3.48%	-4.09%	2.41%
iShares Morningstar Small-Cap ETF	ISCB	66.16	251	21	18	16	15	14	16	10	8	8	13	15	11	9	8	8	8	17	18	U3	15	BR	AR	- 2	-4.05%	-5.11%	0.15%	
Franklin U.S. Small Cap Multifactor Ind FLQS		43.94	48	24	21	20	20	18	23	21	20	21	27	24	20	20	19	24	26	28	28	U3	14	BR	AR	- 1	-3.14%	-4.20%	-0.47%	
First Trust SMID Growth Strength ETF	FSGS	30.12	29	28	27	28	29	28	29	25	24	23	29	29	27	26	25	28	29	29	29	D2	3	BF	BR	- 4	-1.83%	-2.88%	-3.01%	
EF-06 Micro-Cap					12	13	13	12	7	8	7	7	7	8	7	7	6	5	7	6	7	9	U3	37	BR	AR	- 3	-3.14%	-4.49%	0.18%
	iShares Micro-Cap ETF	IWC	162.97	1,247	14	15	16	15	10	6	3	3	4	5	4	4	2	1	2	2	3	4	U3	15	BR	AR	- 5	-3.10%	-3.48%	-0.13%
	First Trust Dow Jones Select MicroCap FDM		82.36	223	10	13	9	8	5	6	9	7	8	13	6	6	4	3	7	8	7	16	U3	16	BR	AR	- 1	-3.19%	-5.50%	0.39%

		Relative Strength Ranking - RSR																				% Price Δ								
Group or Corp	Ticker	Price	MKT Cap(MM)	03/	02/	02/	02/	02/	01/	01/	01/	01/	01/	12/	12/	12/	12/	12/	11/	11/	11/	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month		
				06	27	20	13	06	30	23	16	09	02	31	26	19	12	05	28	21	14									
EF-06	Micro-Cap																													
	STYLE																													
EF-07	Style: Large-Cap Growth																													
	Vanguard Growth ETF	VUG	458.08	194,783	28	30	29	30	29	28	27	26	23	20	17	15	16	18	8	7	12	8	D2	3	BF	BR	- 23	-1.62%	-2.44%	-3.32%
	iShares Russell 1000 Growth ETF	IWF	447.06	115,856	28	29	29	30	29	29	28	27	23	21	18	16	17	18	9	7	11	8	D3	3	BF	BR	- 19	-0.61%	-2.24%	-5.50%
	iShares S&P 500 Growth ETF	IVW	117.92	63,376	28	28	28	28	28	23	25	23	20	16	14	12	16	15	7	6	9	9	D2	3	BF	BR	- 23	-1.37%	-2.72%	-3.55%
	Schwab U.S. Large-Cap Growth ETF	SCHG	30.53	50,255	28	30	29	30	29	29	27	26	23	19	16	14	16	15	8	7	11	8	D3	2	BF	BR	- 19	-0.68%	-1.86%	-6.06%
	State Street SPDR Portfolio S&P 500 C	SPYG	102.12	43,156	28	28	28	28	28	23	25	23	20	16	14	12	16	15	7	6	9	9	D2	3	BF	BR	- 23	-1.40%	-2.71%	-3.51%
	Vanguard Russell 1000 Growth ETF	VONG	115.04	38,577	28	29	29	30	29	29	28	26	23	21	18	16	17	18	9	7	11	7	D3	3	BF	BR	- 19	-0.72%	-2.09%	-5.05%
	Vanguard Mega Cap Growth ETF	MGK	385.56	29,038	28	30	29	30	29	28	27	26	23	19	14	11	15	15	7	5	7	5	D3	2	BF	BR	- 19	-0.36%	-1.99%	-5.82%
	iShares Core S&P U.S. Growth ETF	IUSG	161.47	26,731	28	27	28	28	27	23	24	23	20	16	15	13	16	15	8	7	9	10	D2	2	BF	BR	- 23	-1.57%	-2.69%	-3.14%
	Vanguard S&P 500 Growth ETF	VOOG	425.57	21,547	28	28	28	28	28	23	25	23	20	16	14	12	16	15	7	6	9	9	D2	3	BF	BR	- 23	-1.32%	-2.64%	-3.46%
	iShares Russell Top 200 Growth ETF	IWY	260.82	15,375	28	30	29	30	29	29	28	27	23	20	16	14	16	17	8	6	8	5	D3	3	BF	BR	- 19	-0.56%	-2.20%	-5.13%
	iShares Morningstar Growth ETF	ILCG	99.49	2,771	28	29	28	29	29	26	27	25	23	23	22	19	21	23	19	18	25	15	D3	2	BF	BR	- 25	-1.51%	-2.58%	-3.47%
	Invesco S&P 500 Pure Growth ETF	RPG	47.53	1,600	26	19	17	19	22	20	20	23	23	26	29	23	25	27	28	29	30	29	U3	6	BR	AR	- 1	-4.62%	-2.72%	1.44%
	Invesco Large Cap Growth ETF	PWB	130.43	1,547	19	18	17	18	18	14	14	13	16	16	18	15	16	20	13	13	26	13	U3	13	BR	AR	- 1	-3.76%	-2.73%	3.22%
	First Trust Large Cap Growth AlphaDE	FTC	157.90	1,184	27	25	24	26	25	26	24	22	23	22	24	20	21	23	21	21	29	25	D1	1	BF	BR	- 6	-3.48%	-3.08%	-1.37%
EF-08	Style: Mid-Cap Growth																													
	iShares Russell Mid-Cap Growth ETF	IWP	133.64	19,531	28	29	29	29	29	29	29	28	28	29	29	29	29	29	29	29	30	29	D3	5	BF	BF	- 6	-2.27%	-1.42%	-3.90%
	Vanguard Mid-Cap Growth ETF	VOT	271.74	17,438	28	29	29	29	29	29	29	29	29	29	30	29	29	30	29	29	30	29	D3	5	BF	BF	- 30	-2.42%	-0.81%	-3.81%
	iShares S&P Mid-Cap 400 Growth ETF	IJK	101.42	9,432	14	12	13	15	15	18	14	10	16	19	22	19	19	19	20	18	27	25	U3	14	BR	AR	+ 9	-4.87%	-3.14%	3.53%
	Invesco S&P MidCap Momentum ETF	XMMO	144.06	5,515	13	12	14	16	15	22	20	16	19	14	17	13	15	15	18	12	25	20	U3	37	BR	AR	+ 5	-3.99%	-1.77%	3.68%
	iShares Morningstar Mid-Cap Growth E	IMCG	81.06	3,186	26	22	23	26	25	28	26	25	26	29	29	28	29	29	28	29	30	28	U3	5	BR	BR	- 1	-3.81%	-2.04%	0.38%
	State Street SPDR S&P 400 Mid Cap C	MDYG	96.70	2,509	15	12	13	15	15	18	14	10	16	19	22	18	19	19	20	19	27	25	U3	14	BR	AR	+ 9	-4.85%	-3.11%	3.49%
	Vanguard S&P Mid-Cap 400 Growth E	IVOG	125.76	1,419	15	12	13	15	15	18	14	10	15	19	22	18	19	20	20	18	27	25	U3	14	BR	AR	+ 9	-5.03%	-3.09%	3.65%
	First Trust Mid Cap Growth AlphaDEX I	FNFY	92.00	478	26	20	18	19	18	19	11	8	11	16	20	15	14	13	11	7	24	20	U3	13	BR	AR	- 4	-5.26%	-5.28%	-1.13%
EF-09	Style: Small-Cap Growth																													
	Vanguard Small-Cap Growth ETF	VBK	305.94	20,369	26	19	19	21	19	19	11	8	9	16	19	16	15	14	13	12	26	23	U3	14	BR	AR	- 4	-4.48%	-3.30%	-0.11%
	iShares Russell 2000 Growth ETF	IWO	320.36	12,478	28	23	22	23	19	18	9	6	8	15	17	10	8	6	7	5	14	16	D1	1	BF	AR	- 5	-4.44%	-5.63%	-3.56%
	iShares S&P Small-Cap 600 Growth E	IJT	145.65	6,525	20	17	16	15	15	18	15	12	17	22	24	18	19	13	19	18	25	27	U3	14	BR	AR	- 1	-4.33%	-4.76%	0.06%
	Invesco S&P SmallCap Momentum ET	XSMO	76.34	2,301	16	13	14	14	10	17	15	13	20	25	27	18	19	14	20	15	26	25	U3	14	BR	AR	+ 8	-4.35%	-5.04%	2.41%
	Vanguard Russell 2000 Growth ETF	VTWG	233.72	1,206	28	23	22	22	19	18	9	6	8	15	17	10	8	6	7	5	14	16	D1	1	BF	AR	- 6	-4.56%	-5.79%	-3.55%
	First Trust Small Cap Growth AlphaDE	FYFC	97.27	890	19	18	17	15	15	10	6	5	4	5	4	4	3	2	3	2	3	3	U3	37	BR	AR	- 6	-3.23%	-3.61%	-1.09%
	iShares Morningstar Small-Cap Growth	ISCG	56.06	880	26	18	17	18	17	17	10	8	8	14	17	9	8	8	7	7	18	18	U3	14	BR	AR	- 4	-4.66%	-4.63%	-0.87%
	Vanguard S&P Small-Cap 600 Growth	VIOG	125.38	863	19	17	16	15	15	18	15	11	17	22	24	18	19	13	19	18	25	27	U3	14	BR	AR	- 1	-4.06%	-4.59%	0.18%
	Janus Henderson Small/Mid Cap Grow	JSMD	79.92	813	28	25	23	23	22	24	16	16	22	28	29	22	22	22	22	19	28	24	D1	1	BF	BR	- 2	-6.27%	-7.58%	-4.40%
	Janus Henderson Small Cap Growth A	JSML	71.24	274	28	26	25	26	23	24	19	16	17	22	23	19	16	13	18	12	25	18	D2	1	BF	BR	- 6	-5.88%	-7.26%	-5.69%
	First Trust Small Cap Value AlphaDEX	FYFV	61.83	155	5	10	7	6	4	7	9	8	8	16	16	15	9	6	10	12	18	20	U3	15	AR	AR	+ 14	-2.07%	-3.51%	6.00%
EF-10	Style: Large-Cap Value																													
	Vanguard Value ETF	VTV	200.03	167,929	10	12	13	12	10	13	15	14	15	13	14	16	17	13	18	13	13	16	U3	36	BR	AR	- 1	-2.90%	-2.72%	3.29%
	iShares Russell 1000 Value ETF	IWD	217.72	68,636	13	13	14	15	13	13	14	12	11	13	14	15	16	13	13	12	14	17	U3	37	BR	AR	- 1	-3.46%	-3.05%	3.30%
	iShares S&P 500 Value ETF	IVE	216.24	49,249	16	18	18	18	17	18	19	18	16	16	16	16	16	14	17	12	12	14	U3	36	BR	AR	- 1	-2.63%	-2.63%	1.69%
	State Street SPDR Portfolio S&P 500 V	SPYV	57.91	32,381	16	18	18	18	17	18	19	18	16	16	15	16	16	14	16	12	12	14	U3	36	BR	AR	- 1	-2.67%	-2.59%	1.71%
	Vanguard Russell 1000 Value ETF	VONV	95.57	16,448	13	13	14	15	13	13	14	11	11	13	14	15	16	13	13	12	14	17	U3	37	BR	AR	- 1	-3.45%	-3.02%	3.37%

				Relative Strength Ranking - RSR																		% Price Δ									
				MKT	03/	02/	02/	02/	02/	01/	01/	01/	01/	01/	12/	12/	12/	12/	12/	11/	11/	11/	TRIPLE	50	200						
Group or Corp		Ticker	Price	Cap(MM)	06	27	20	13	06	30	23	16	09	02	31	26	19	12	05	28	21	14	CYCLE	DAY	DAY	MACD	1 week	1 month	3 month		
EF-10	Style: Large-Cap Value																														
	Schwab U.S. Large-Cap Value ETF	SCHV	31.09	15,096	10	12	13	12	10	13	15	13	15	16	17	18	19	17	19	17	19	18	U3	16	BR	AR	+ 13	-3.54%	-3.12%	4.82%	
	Vanguard Mega Cap Value ETF	MGV	147.90	11,450	10	12	13	12	8	12	15	12	14	13	14	16	17	14	18	13	12	16	U3	36	BR	AR	- 1	-3.40%	-3.45%	4.66%	
	Vanguard S&P 500 Value ETF	VOOV	208.86	6,136	17	18	18	18	17	17	19	18	16	16	15	16	16	14	16	12	12	13	U3	36	BR	AR	- 1	-2.74%	-2.67%	1.72%	
	iShares Russell Top 200 Value ETF	IWX	94.49	3,496	14	14	15	15	13	10	14	10	10	12	11	11	15	12	13	9	10	15	U3	37	BR	AR	- 1	-3.18%	-3.23%	3.03%	
	Invesco Large Cap Value ETF	PWV	69.59	1,346	9	14	16	15	15	17	21	23	18	16	16	18	19	14	18	12	7	12	U3	38	AR	AR	+ 5	-2.11%	-1.02%	4.13%	
	First Trust Large Cap Value AlphaDEX FTA		92.69	1,265	5	9	8	6	8	11	14	14	11	13	12	14	14	9	13	11	9	16	U3	19	AR	AR	+ 15	-2.33%	-1.32%	7.03%	
	iShares Morningstar Value ETF	ILCV	95.47	1,189	16	18	18	18	16	16	16	14	11	10	7	6	7	6	7	4	3	6	U3	36	BR	AR	- 11	-2.47%	-2.70%	0.72%	
	Invesco S&P 500 Concentrated QVM E QVMT		60.52	129	6	9	12	11	8	14	15	16	9	8	7	7	9	7	13	12	10	14	U3	19	AR	AR	+ 15	-2.75%	-1.49%	5.75%	
	Xtrackers Russell 1000 US Quality at a QARP		60.51	71	15	17	17	17	15	14	15	16	15	14	12	14	15	13	11	8	9	15	U3	36	BR	AR	- 1	-2.78%	-2.87%	2.61%	
	Royce Quant Small-Cap Quality Value	SQLV	44.44	24	16	18	15	15	14	16	15	15	15	22	19	18	16	9	20	20	26	26	U3	14	BR	AR	- 1	-2.52%	-4.62%	0.38%	
EF-11	Style: Mid-Cap Value					15	15	14	13	9	12	13	12	11	11	11	11	10	11	12	11	12	13	U3	16	BR	AR	- 1	-3.72%	-4.90%	1.92%
	Vanguard Mid-Cap Value ETF	VOE	187.44	21,528	8	11	12	12	13	15	15	14	16	16	17	18	18	14	19	15	18	18	U3	19	BR	AR	+ 14	-3.55%	-1.92%	4.75%	
	iShares Russell Mid-Cap Value ETF	IWS	147.80	14,647	13	13	14	14	14	16	15	14	16	19	19	19	19	17	19	18	24	22	U3	15	BR	AR	+ 9	-3.97%	-2.81%	3.74%	
	iShares S&P Mid-Cap 400 Value ETF	IJJ	134.10	8,080	21	18	14	14	10	17	15	12	13	18	19	18	17	14	20	18	24	26	U3	15	BR	AR	- 1	-4.32%	-6.70%	0.36%	
	Vanguard S&P Mid-Cap 400 Value ETI IVOV		102.97	1,191	21	18	14	14	10	16	15	12	12	18	19	18	16	14	20	18	25	26	U3	15	BR	AR	- 1	-4.32%	-6.71%	0.50%	
	Invesco S&P MidCap Value with Mome XMVM		65.55	412	14	17	12	9	6	12	14	8	7	5	6	5	4	3	7	7	6	16	U3	16	BR	AR	- 2	-2.44%	-6.30%	0.22%	
EF-12	Style: Small-Cap Value					14	14	10	10	7	10	10	9	10	11	11	10	10	10	10	11	11	U3	15	BR	AR	- 1	-3.53%	-5.62%	2.25%	
	Vanguard Small Cap Value ETF	VBR	220.22	32,973	16	14	12	12	8	14	11	10	11	16	19	17	16	13	18	16	23	20	U3	15	BR	AR	- 1	-4.21%	-5.12%	2.46%	
	iShares Russell 2000 Value ETF	IWN	190.41	12,472	13	13	10	8	7	6	6	5	6	13	12	7	5	5	7	5	6	14	U3	15	BR	AR	- 1	-3.61%	-4.94%	2.17%	
	iShares S&P Small-Cap 600 Value ETI IJS		118.70	7,312	14	14	10	9	6	7	7	5	6	13	12	7	7	6	7	6	12	12	U3	16	BR	AR	- 1	-3.34%	-6.19%	1.87%	
	State Street SPDR S&P 600 Small Cap SLIV		94.97	4,141	14	14	10	9	6	7	7	5	6	13	12	7	7	6	7	7	12	12	U3	16	BR	AR	- 1	-3.34%	-6.22%	1.91%	
	Vanguard S&P Small-Cap 600 Value E VIOV		102.13	1,558	14	14	10	8	6	7	7	5	6	13	12	7	7	6	7	7	13	12	U3	16	BR	AR	- 1	-3.19%	-6.24%	1.96%	
	Vanguard Russell 2000 Value ETF	VTWV	167.81	1,024	13	13	10	8	7	6	6	5	6	13	11	7	5	4	7	5	6	14	U3	15	BR	AR	- 1	-3.70%	-5.14%	2.11%	
	Opus Small Cap Value ETF	OSCV	39.42	647	14	16	13	12	13	18	20	18	24	29	26	27	24	26	26	29	28	28	U3	8	BR	AR	+ 9	-2.98%	-4.02%	5.25%	
	iShares Morningstar Small Cap Value E ISCV		70.37	598	16	16	14	14	9	14	10	8	8	13	14	11	8	7	9	8	14	18	U3	16	BR	AR	- 1	-3.75%	-5.38%	1.06%	
	Invesco S&P SmallCap Value with Mor XSVM		59.56	560	15	15	10	7	6	8	14	9	12	16	18	14	8	7	13	15	17	23	U3	15	BR	AR	- 1	-3.61%	-7.36%	1.33%	
EF-13	Style: Multi-Cap Value					13	15	15	14	12	11	12	12	10	10	10	10	10	10	11	10	10	10	U3	36	BR	AR	- 1	-2.78%	-3.37%	2.66%
	iShares Core S&P US Value ETF	IUSV	104.62	24,382	17	18	18	18	17	17	19	18	16	16	16	16	16	14	17	12	12	14	U3	36	BR	AR	- 1	-2.75%	-2.81%	1.69%	
	Fidelity Value Factor ETF	FVAL	71.69	1,118	22	22	19	21	18	15	15	16	10	9	7	6	7	8	8	7	6	8	D1	1	BF	AR	- 8	-2.06%	-3.12%	-0.24%	
	JPMorgan U.S. Value Factor ETF US JVAL		49.78	692	18	18	16	15	15	15	14	12	9	12	12	8	9	8	8	8	13	14	U3	36	BR	AR	- 2	-3.25%	-4.32%	0.70%	
	State Street SPDR S&P 1500 Value Til VLU		217.84	595	13	15	15	15	12	14	15	13	11	13	12	13	15	11	13	9	12	15	U3	37	BR	AR	- 1	-2.96%	-3.43%	3.08%	
	Alpha Architect US Quantitative Value I QVAL		51.93	481	7	9	7	6	5	6	7	7	6	6	7	6	5	6	8	6	6	16	U3	19	BR	AR	- 1	-3.03%	-3.55%	5.50%	
	First Trust Multi Cap Value AlphaDEX F FAB		95.12	133	7	11	8	8	8	12	14	12	10	14	16	16	15	9	15	13	17	20	U3	16	AR	AR	+ 14	-2.65%	-2.99%	5.25%	
	THEMATIC																														
EF-14	Equity Income					9	13	14	14	13	12	14	14	14	13	13	13	13	13	13	13	12	13	U3	16	AR	AR	+ 9	-2.51%	-2.41%	5.02%
	Vanguard Dividend Appreciation ETF	VIG	221.52	102,115	23	21	21	19	18	20	23	19	19	19	18	18	19	15	15	11	12	16	U3	37	BR	AR	- 3	-2.71%	-3.49%	0.15%	
	Schwab US Dividend Equity ETF	SCHD	31.13	84,323	3	4	4	4	4	6	13	14	16	20	22	22	22	21	22	23	24	24	U3	16	AR	AR	+ 16	-2.01%	-1.08%	12.46%	
	Vanguard High Dividend Yield Index E VYM		150.74	73,394	10	13	14	12	10	14	18	16	17	16	17	17	19	13	13	9	13	16	U3	36	BR	AR	+ 9	-2.78%	-3.04%	3.92%	
	iShares Core Dividend Growth ETF	DGRO	71.65	37,881	14	16	16	15	15	16	19	17	17	16	16	16	17	13	15	11	9	15	U3	37	BR	AR	- 1	-3.02%	-3.11%	2.66%	
	iShares Select Dividend ETF	DVY	152.42	22,322	7	11	10	7	8	12	16	17	19	20	21	20	20	19	22	16	15	18	U3	16	AR	AR	+ 9	-2.47%	-1.94%	6.93%	
	State Street SPDR S&P Dividend ETF	SDY	151.45	21,423	7	10	10	8	10	14	17	18	23	26	27	25	26	23	27	25	25	28	U3	15	AR	AR	+ 14	-2.87%	-1.27%	7.79%	
	First Trust Rising Dividend Achievers E RDVY		69.55	20,076	23	18	17	18	15	14	15	10	8	12	11	7	9	8	10	12	14	16	U3	37	BR	AR	- 4	-3.79%	-4.80%	-0.60%	
	iShares Core High Dividend ETF	HDV	135.99	13,415	3	6	7	6	6	6	15	18	23	25	24	24	26	23	26	20	14	20	U3	16	AR	AR	+ 9	-2.95%	-0.79%	11.73%	

			Relative Strength Ranking - RSR																				% Price Δ								
Group or Corp	Ticker	Price	MKT Cap(MM)	03/	02/	02/	02/	02/	01/	01/	01/	01/	01/	12/	12/	12/	12/	12/	11/	11/	11/	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month			
				06	27	20	13	06	30	23	16	09	02	31	26	19	12	05	28	21	14										
EF-14	Equity Income																														
	ProShares S&P 500 Dividend Aristocr	NOBL	110.31	11,516	9	11	14	12	11	15	16	17	22	26	24	23	23	22	24	23	23	27	U3	16	BR	AR	+ 16	-3.74%	-3.11%	5.01%	
	First Trust SMID Cap Rising Dividend	FSRV	40.25	10,262	14	13	10	11	8	15	15	12	15	19	20	16	15	13	19	18	19	20	U3	16	BR	AR	- 1	-3.96%	-4.91%	2.73%	
	First Trust Value Line Dividend Index	FVD	48.93	8,479	8	13	16	15	17	18	23	23	24	26	24	23	25	24	27	23	23	25	U3	16	AR	AR	+ 9	-2.30%	-0.29%	6.05%	
	First Trust Morningstar Dividend Leade	FDL	50.24	7,116	3	4	4	3	4	5	14	15	16	15	17	19	20	18	22	20	18	20	U3	17	AR	AR	+ 16	-1.87%	-0.10%	13.20%	
	First Trust Preferred Securities & Inco	FPE	18.13	6,450	23	25	24	26	25	19	20	21	18	15	14	15	15	16	16	16	12	14	U3	36	BR	AR	- 40	-0.98%	-0.59%	0.67%	
	WisdomTree U.S. LargeCap Dividend	DLN	91.00	5,742	14	17	18	17	16	14	17	17	15	13	12	14	13	14	13	15	10	13	U3	35	BR	AR	- 39	-2.42%	-2.29%	3.68%	
	WisdomTree U.S. MidCap Dividend Fu	DON	53.68	3,798	16	17	17	16	16	16	17	17	16	16	15	16	14	17	16	19	15	16	U3	13	BR	AR	- 34	-3.42%	-3.75%	3.77%	
	FT Vest S&P 500 Dividend Aristocrats	KNG	50.76	3,483	12	13	15	16	15	14	16	16	16	15	14	16	14	17	16	17	14	16	U3	14	BR	AR	- 34	-3.53%	-2.79%	5.02%	
	VanEck Preferred Securities ex Financ	PFXF	18.07	2,165	16	22	20	19	21	15	15	17	15	13	14	14	14	16	17	19	13	14	U3	12	BR	AR	- 36	-0.96%	-0.47%	4.02%	
	WisdomTree U.S. SmallCap Dividend	DES	36.03	1,951	8	12	13	12	12	12	14	14	13	14	15	13	14	12	15	15	18	14	15	U3	13	BR	AR	- 30	-2.73%	-4.28%	7.18%
	WisdomTree U.S. Total Dividend Fund	DTD	87.92	1,517	14	16	17	17	16	14	17	17	15	13	12	14	13	14	13	15	11	14	U3	35	BR	AR	- 38	-2.44%	-2.50%	3.93%	
	WisdomTree U.S. High Dividend Fund	DHS	109.98	1,430	5	9	13	11	12	12	15	15	15	13	13	14	14	16	13	15	11	15	U3	15	AR	AR	- 38	-2.44%	-1.96%	9.65%	
	ALPS Sector Dividend Dogs ETF	SDOG	66.28	1,368	4	10	8	6	8	13	15	16	16	18	19	19	20	19	22	21	24	22	U3	15	AR	AR	+ 14	-1.28%	-0.29%	8.82%	
	Invesco High Yield Equity Dividend Ac	PEY	21.38	1,030	14	18	18	17	16	14	18	19	17	19	18	20	17	21	19	22	18	19	U3	5	BR	AR	- 9	-1.79%	-3.86%	6.05%	
	Invesco S&P Ultra Dividend Revenue	RDIV	56.06	958	7	16	14	12	11	16	19	20	17	17	19	19	19	13	13	8	5	10	U3	35	AR	AR	+ 6	-0.48%	-1.41%	5.57%	
	Invesco Dividend Achievers ETF	PFM	52.50	747	18	20	19	18	18	19	22	20	20	20	19	19	20	18	19	13	14	17	U3	37	BR	AR	- 1	-2.64%	-3.02%	1.39%	
	Global X SuperDividend US ETF	DIV	19.34	734	3	11	12	11	13	12	16	16	17	16	17	18	15	17	15	18	14	16	U3	15	AR	AR	- 15	-0.90%	1.86%	12.13%	
	Invesco KBW High Dividend Yield Fina	KBWD	12.89	429	28	29	25	23	23	15	13	11	14	13	14	14	14	14	15	18	14	15	D2	1	BF	BR	- 32	-1.38%	-5.98%	-4.55%	
	WisdomTree U.S. AI Enhanced Value I	AIVL	119.02	387	14	15	17	18	18	17	18	20	22	25	23	22	24	24	27	27	28	28	U3	15	BR	AR	+ 14	-3.50%	-2.00%	3.56%	
	VictoryShares Dividend Accelerator ET	VSDA	56.14	227	10	11	13	11	14	14	16	17	17	17	16	18	15	19	17	19	16	18	U3	8	BR	AR	- 35	-4.33%	-3.94%	6.48%	
	Siren DIVCON Leaders Dividend ETF	LEAD	78.46	66	19	18	17	18	17	17	19	14	17	22	23	19	21	20	19	16	23	20	U3	15	BR	AR	- 1	-3.27%	-3.44%	2.05%	
	WBI Power Factor High Dividend ETF	WBIY	34.57	60	4	10	8	6	7	8	15	16	15	13	15	16	14	9	15	15	14	18	U3	16	AR	AR	+ 15	-1.82%	-1.65%	6.46%	
	First Trust S&P 500 Diversified Dividen	KNGZ	37.13	58	14	17	15	14	14	14	17	16	15	19	19	19	18	13	16	21	25	23	U3	14	BR	AR	- 1	-2.65%	-3.64%	2.32%	
	Global X S&P 500 Quality Dividend ETI	QDIV	37.23	33	7	13	15	13	13	13	15	17	16	16	15	17	14	17	16	19	14	16	U3	13	AR	AR	- 32	-2.95%	-3.06%	7.59%	
EF-15	Low Volatility																														
	iShares MSCI USA Min Vol Factor ETF	USMV	96.65	23,302	14	19	20	19	19	15	17	18	16	14	13	13	13	15	15	14	12	13	U3	16	AR	AR	+ 9	-1.50%	-0.79%	3.18%	
	Global X NASDAQ 100 Covered Call E	QYLD	17.45	8,262	16	22	24	23	24	27	27	28	27	29	27	25	26	27	28	26	26	27	U3	15	AR	AR	+ 6	-1.19%	0.65%	2.56%	
	Invesco S&P 500 Low Volatility ETF	SPLV	76.07	8,228	8	15	19	19	22	18	21	21	23	20	19	22	20	22	18	19	17	19	U3	4	AR	AR	- 6	-1.72%	1.80%	7.25%	
	Global X S&P 500 Covered Call ETF	XYLD	40.18	3,132	15	20	20	21	19	14	16	16	13	10	9	12	11	13	12	13	10	12	U3	31	BR	AR	- 33	-1.35%	-0.69%	1.89%	
	First Trust BuyWrite Income ETF	FTHI	23.18	2,015	25	23	22	23	23	17	18	19	16	13	12	14	13	14	13	16	10	12	U3	34	BF	AR	- 36	-2.07%	-2.53%	-0.06%	
	Fidelity Low Volatility Factor ETF	FDLO	67.38	1,439	20	22	23	24	22	22	25	23	23	22	19	19	21	20	18	12	14	17	U3	37	BR	AR	- 14	-1.55%	-1.61%	0.93%	
	State Street SPDR US Large Cap Low	LGLV	185.01	1,179	10	16	18	18	18	19	22	23	23	27	28	26	26	27	28	27	27	28	U3	11	AR	AR	+ 13	-2.14%	-0.34%	5.19%	
	First Trust Nasdaq BuyWrite Income E	FTQI	20.22	764	23	25	24	26	23	15	16	17	15	12	9	11	11	12	12	14	8	10	D1	2	BF	AR	- 35	-0.93%	-1.70%	-0.60%	
	Invesco S&P MidCap Low Volatility ETI	XMLV	65.83	748	11	18	19	18	19	25	26	23	25	29	28	26	26	27	28	23	24	26	U3	16	AR	AR	+ 9	-1.30%	-0.30%	4.91%	
	State Street SPDR Russell 1000 Low V	ONEV	138.59	549	15	16	17	17	17	22	20	19	21	25	24	22	22	22	24	21	24	27	U3	16	BR	AR	+ 9	-3.07%	-2.36%	3.14%	
	VictoryShares US 500 Volatility Wtd ET	CFA	93.78	530	16	18	18	18	19	16	18	18	16	15	14	16	14	16	15	19	14	15	U3	13	BR	AR	- 37	-3.08%	-2.16%	3.22%	
	WisdomTree Equity Premium Income F	WTPI	32.80	438	20	22	21	21	19	16	19	19	17	13	10	17	13	14	13	21	10	13	D1	1	BF	AR	- 37	-1.80%	-2.32%	0.46%	
	VictoryShares US 500 Enhanced Volat	CFO	76.00	407	16	18	18	18	19	16	18	18	16	15	14	16	14	17	15	19	14	15	U3	13	BR	AR	- 37	-3.07%	-2.16%	3.22%	
	AGF U.S. Market Neutral Anti-Beta Fur	BTAL	14.51	402	26	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	U1	1	AR	BF	+ 17	3.05%	2.91%	2.16%	
	Vanguard U.S. Minimum Volatility ETF	VFMV	136.92	385	10	16	18	19	19	19	25	23	23	26	24	23	24	23	23	22	26	26	U3	16	AR	AR	+ 9	-2.16%	0.24%	4.29%	
	iShares MSCI USA Small-Cap Min Vol	SMMV	45.40	291	9	16	19	19	19	23	21	21	23	25	22	20	21	22	26	22	24	27	U3	16	AR	AR	+ 15	-1.50%	0.59%	4.32%	
	Invesco S&P SmallCap Low Volatility E	XSLV	48.43	238	14	18	16	15	15	18	23	19	23	26	25	22	22	22	28	27	26	28	U3	11	BR	AR	+ 14	-1.78%	-3.41%	3.07%	
	State Street SPDR US Small Cap Low	SMLV	137.82	211	10	14	13	12	8	14	14	13	17	22	20	19	16	13	22	22	25	27	U3	15	BR	AR	+ 15	-2.64%	-4.33%	2.53%	
	VictoryShares US Multi-Factor Minim	VSMV	57.77	162	8	13	16	15	16	13	14	14	12	11	9	11	10	12	12	13	9	11	U3	35	AR	AR	- 39	-1.97%	-0.43%	4.75%	
	Innovator U.S. Equity Ultra Buffer ET	UJUL	38.71	154	24	25	25	26	24	24	26	25	24	22	21	22	21	22	22	21	18	19	U3	38	BF	AR	- 25	-1.12%	-0.85%	0.18%	

		Relative Strength Ranking - RSR																				% Price Δ								
Group or Corp	Ticker	Price	MKT Cap(MM)	03/	02/	02/	02/	02/	01/	01/	01/	01/	01/	12/	12/	12/	12/	12/	11/	11/	11/	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month		
				06	27	20	13	06	30	23	16	09	02	31	26	19	12	05	28	21	14									
EF-15	Low Volatility																													
	Franklin Income Equity Focus ETF	INCE	65.29	108	4	8	13	12	13	10	12	13	13	12	11	13	12	14	13	15	11	14	U3	34	AR	AR	- 37	-2.54%	-0.92%	9.19%
	First Trust Horizon Managed Volatility C	HUSV	40.11	76	16	21	24	26	24	28	28	27	29	29	29	29	30	29	29	29	29	U3	4	AR	AR	+ 9	-1.29%	0.72%	3.69%	
	Invesco S&P 500 ex-Rate Sensitive Lo	XRLV	57.25	29	9	19	20	19	21	18	21	21	23	20	19	22	21	23	18	19	17	19	U3	4	AR	AR	- 6	0.00%	0.90%	6.84%
	Invesco S&P 500 Minimum Variance E	SPMV	50.75	4	18	24	25	26	24	17	20	20	16	15	12	15	14	15	15	18	12	15	U3	35	AF	AR	- 40	0.00%	-0.41%	1.53%
EF-16	Volatility				3	28	29	28	30	25	28	28	29	28	27	28	28	27	26	25	17	23	U2	1	AR	AF	+ 6	10.25%	12.75%	9.61%
	Invesco S&P 500 High Beta ETF	SPHB	118.28	602	18	16	14	15	13	9	8	5	4	4	4	4	3	3	4	11	5	U3	15	BR	AR	- 7	-3.92%	-3.84%	0.24%	
	ProShares Ultra VIX Short-Term Future	UVXY	54.09	325	1	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	U1	3	AR	BF	+ 6	36.42%	45.01%	27.93%	
	ProShares VIX Short-Term Futures ET	VIXY	34.45	273	2	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	U1	4	AR	AF	+ 6	23.65%	28.98%	19.95%	
	ProShares Short VIX Short-Term Future	SVXY	46.58	166	30	27	23	26	19	14	9	5	3	1	1	2	2	3	4	5	19	8	D2	1	BF	BR	- 6	-10.90%	-13.53%	-11.48%
	ProShares VIX Mid-Term Futures ETF	VIXM	16.63	68	7	27	28	28	29	29	30	30	30	30	30	30	30	30	30	30	12	28	U2	1	AR	AF	+ 4	5.99%	9.34%	7.22%
EF-17	Momentum				23	18	18	19	18	13	14	13	12	11	11	11	12	12	12	12	13	12	U3	14	BR	AR	- 1	-3.61%	-3.26%	1.07%
	iShares MSCI USA Momentum Factor	MTUM	241.48	20,296	28	27	26	28	26	24	25	23	23	22	24	20	22	25	22	23	29	25	D2	1	BF	BR	- 6	-4.54%	-4.74%	-2.94%
	Invesco S&P 500 Momentum ETF	SPMO	118.24	13,298	26	27	28	28	27	28	29	27	26	26	24	20	23	23	20	18	28	20	D2	2	BF	AR	- 25	-1.03%	-1.34%	-0.48%
	First Trust Dorsey Wright Focus 5 ETF	FV	62.08	3,380	27	22	20	21	18	14	11	8	10	16	19	19	20	22	22	21	29	27	D1	1	BF	BR	- 3	-5.01%	-6.20%	-0.85%
	Pacer Trendpilot US Large Cap ETF	PTLC	54.77	3,193	26	25	24	26	23	19	21	21	17	16	9	18	15	12	10	21	5	10	D1	2	BF	AR	- 16	-2.06%	-2.68%	-1.81%
	Main Sector Rotation ETF	SECT	62.69	2,385	27	27	26	27	24	23	21	22	16	15	12	11	14	13	9	9	14	10	D2	1	BF	AR	- 19	-2.40%	-2.63%	-2.65%
	JPMorgan U.S. Momentum Factor ETF	JMOM	69.22	1,931	22	21	21	21	21	19	21	19	20	19	20	19	20	20	16	15	24	16	U3	14	BR	AR	- 7	-2.58%	-1.86%	1.35%
	VictoryShares US Small Mid Cap Value	USVM	95.16	1,370	14	14	13	11	13	13	13	12	12	12	10	12	11	13	12	15	11	12	U3	14	BR	AR	- 35	-3.61%	-4.85%	4.17%
	Vanguard U.S. Momentum Factor ETF	VFMO	197.58	1,320	21	14	15	16	15	15	8	7	10	13	18	11	12	9	8	8	28	17	U3	13	BR	AR	- 1	-5.41%	-4.02%	1.92%
	Invesco Dorsey Wright Momentum ETF	PDP	121.23	1,303	20	13	12	15	16	18	15	10	18	20	24	19	19	21	17	18	30	27	U3	13	BR	AR	- 1	-6.00%	-3.51%	3.21%
	Pacer Trendpilot 100 ETF	PTNQ	76.76	1,217	26	27	28	28	26	21	21	23	17	17	7	16	15	7	7	21	3	5	D2	2	BF	AR	- 16	-1.17%	-1.74%	-4.08%
	Fidelity Momentum Factor ETF	FDMO	81.43	647	28	27	25	27	25	19	19	15	15	16	16	13	16	16	8	7	21	13	D2	1	BF	BR	- 23	-3.21%	-3.65%	-2.55%
	Pacer Trendpilot US Mid Cap ETF	PTMC	36.89	384	17	14	14	14	12	17	14	10	15	17	14	19	19	22	22	29	28	27	U3	14	BR	AR	- 1	-4.58%	-4.87%	3.05%
	Invesco Dorsey Wright SmallCap Mom	DWAS	97.67	362	20	16	16	18	14	15	8	7	8	13	7	5	5	3	4	3	8	13	U3	16	BR	AR	- 4	-4.74%	-4.62%	-1.84%
	Alpha Architect U.S. Quantitative Mom	QMOM	67.88	359	17	8	9	14	16	17	9	8	16	16	21	19	21	22	23	23	30	28	U3	13	BR	AR	+ 14	-7.23%	-2.74%	3.27%
	First Trust Managed Futures Strategy F	FMF	50.43	245	7	16	17	21	19	22	23	20	20	20	20	23	21	24	22	19	14	16	U3	10	AR	AR	+ 9	0.01%	2.51%	8.44%
	VictoryShares US Value Momentum E	ULVM	96.62	237	8	11	12	11	15	14	16	14	14	12	11	13	12	13	12	15	10	12	U3	34	AR	AR	- 37	-3.16%	-1.94%	5.84%
	State Street SPDR S&P 1500 Momenti	MMTM	287.90	161	26	25	22	24	21	19	21	20	18	16	15	13	16	17	11	9	18	14	D1	1	BF	AR	- 19	-2.40%	-3.53%	-0.77%
	First Trust Dorsey Wright Dynamic Foc	FVC	35.74	98	28	22	22	23	19	15	14	10	15	17	22	20	22	24	24	27	28	27	D1	1	BF	BR	- 3	-5.01%	-6.29%	-1.28%
	State Street SPDR Russell 1000 Mom	ONEO	135.45	26	14	13	14	15	15	17	16	16	17	20	22	19	20	20	22	21	27	25	U3	15	BR	AR	+ 13	-3.69%	-2.85%	3.79%
	Pacer CFRA-Stovall Equal Weight Sea	SZNE	36.43	13	13	14	15	14	15	14	13	14	13	14	13	15	14	17	18	23	18	19	U3	12	BR	AR	- 12	-4.47%	-3.84%	5.15%
EF-18	Quality				23	22	22	22	19	15	16	16	13	12	12	11	12	12	12	12	13	U3	15	BR	AR	- 4	-2.74%	-3.14%	-0.16%	
	iShares MSCI USA Quality Factor ETF	QUAL	198.66	48,870	24	21	22	23	20	19	19	18	16	16	16	16	16	14	13	13	14	16	U3	36	BR	AR	- 7	-3.03%	-2.45%	-0.12%
	Invesco S&P 500 Quality ETF	SPHQ	77.36	16,065	16	13	15	16	15	17	20	18	17	19	19	18	19	17	21	20	23	22	U3	38	BR	AR	+ 9	-4.42%	-3.13%	2.17%
	JPMorgan U.S. Quality Factor ETF	JQUA	63.41	7,054	23	23	24	26	24	24	24	24	22	23	21	19	20	20	21	21	26	24	U3	14	BR	AR	- 6	-1.66%	-1.03%	-0.13%
	Fidelity Quality Factor ETF	FQAL	75.36	1,153	25	23	23	26	23	22	25	23	20	20	18	17	19	19	17	12	14	16	D1	1	BF	AR	- 23	-2.09%	-2.17%	0.13%
	FlexShares US Quality Large Cap Inde	QLC	80.47	805	23	22	21	23	18	17	19	16	14	10	8	6	7	8	7	4	5	5	D1	1	BF	AR	- 19	-2.06%	-3.10%	-0.38%
	Vanguard U.S. Quality Factor ETF	VFQY	154.01	472	24	22	22	22	18	20	19	19	17	20	19	16	16	14	19	19	24	23	D1	1	BR	AR	- 4	-2.38%	-4.22%	-1.15%
	Invesco S&P SmallCap Quality ETF	XSHQ	42.64	237	26	22	22	19	18	26	22	22	23	28	29	23	22	20	27	29	29	29	U3	7	BR	AR	- 1	-3.53%	-5.87%	-1.79%
EF-19	Multi-factor				14	17	16	15	15	13	14	14	13	12	12	12	12	12	12	12	13	U3	15	BR	AR	- 1	-2.83%	-2.96%	3.01%	
	WisdomTree US Quality Dividend Grov	DGRW	90.53	15,775	21	21	21	21	20	17	19	19	16	15	13	15	14	14	13	16	11	14	U3	34	BR	AR	- 36	-2.70%	-2.64%	0.99%
	TR Activebeta US Large Cap Equity E	GSLC	129.54	14,399	26	27	26	28	24	24	25	23	20	19	17	16	19	17	15	12	16	15	D1	4	BF	AR	- 23	-2.06%	-2.78%	-1.92%

			Relative Strength Ranking - RSR																				% Price Δ							
Group or Corp	Ticker	Price	MKT Cap(MM)	03/	02/	02/	02/	02/	01/	01/	01/	01/	01/	12/	12/	12/	12/	12/	11/	11/	11/	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month		
				06	27	20	13	06	30	23	16	09	02	31	26	19	12	05	28	21	14									
EF-19	Multi-factor																													
	iShares MSCI USA Value Factor ETF	VLUE	144.56	10,191	6	6	4	4	3	3	3	3	1	1	3	3	2	3	2	2	2	2	U3	37	BR	AR	- 1	-4.13%	-4.82%	6.32%
	First Trust RBA American Industrial Re	AIRR	110.41	8,237	4	3	1	1	1	3	3	1	3	5	11	5	5	4	4	3	5	8	U3	14	BR	AR	- 1	-6.58%	-6.83%	9.76%
	State Street SPDR Portfolio S&P 500 I	SPYD	47.07	7,341	6	11	11	9	14	18	20	22	23	26	27	26	26	25	28	27	28	28	U3	8	AR	AR	+ 12	-1.92%	0.09%	8.34%
	John Hancock Multifactor Mid Cap ETF	JHMM	67.97	4,909	16	13	14	14	13	16	14	12	15	16	12	19	16	18	19	29	18	18	U3	14	BR	AR	- 1	-4.31%	-3.79%	3.51%
	Invesco Russell 1000 Dynamic Multifac	OMFL	61.28	4,292	24	22	20	22	19	18	19	20	17	18	19	18	20	20	20	21	28	23	U3	14	BR	AR	- 4	-2.71%	-2.99%	0.21%
	Invesco S&P 500 High Dividend Low V	SPHD	51.69	3,417	7	13	16	15	18	15	19	20	21	18	17	20	17	20	17	18	15	17	U3	6	AR	AR	- 32	-1.43%	0.69%	9.40%
	Principal U.S. Mega-Cap ETF	USMC	66.52	3,345	27	27	28	28	27	28	27	26	23	21	11	19	17	13	11	22	5	10	D3	1	BF	AR	- 18	-0.74%	-2.00%	-3.35%
	iShares U.S. SmallCap Equity Factor E	SMLF	75.70	3,319	25	19	17	18	17	17	14	10	11	16	19	16	14	12	13	12	21	19	U3	14	BR	AR	- 2	-4.35%	-4.78%	-0.54%
	iShares U.S. Equity Factor ETF	LRGF	68.05	3,035	26	27	28	28	25	26	27	25	23	21	19	18	19	19	18	14	19	14	D2	1	BF	AR	- 23	-1.52%	-2.40%	-2.01%
	Invesco S&P 500 GARP ETF	SPGP	111.81	2,268	27	25	23	27	22	24	24	24	19	22	22	19	20	21	22	23	28	25	D1	1	BF	BR	- 4	-3.09%	-4.80%	-2.19%
	FlexShares Quality Dividend Index Fun	QDF	81.48	2,034	20	21	20	21	19	19	23	20	19	15	15	14	15	13	12	9	8	13	U3	37	BR	AR	- 23	-2.20%	-2.51%	0.43%
	Principal U.S. Small-Cap ETF	PSC	57.81	1,770	26	21	18	18	16	16	11	9	9	16	7	11	7	13	10	27	14	16	D1	1	BF	AR	- 3	-4.04%	-5.28%	-0.21%
	ProShares S&P MidCap 400 Dividend	REGL	88.68	1,706	13	14	13	12	9	18	19	16	20	26	26	22	21	22	28	26	28	28	U3	10	BR	AR	+ 14	-3.39%	-4.59%	4.21%
	State Street SPDR MSCI USA Strategi	QUS	176.79	1,535	18	20	21	20	19	19	21	22	19	19	17	17	18	17	18	13	14	17	U3	37	BR	AR	- 1	-2.17%	-1.69%	1.48%
	WisdomTree U.S. LargeCap Fund	EPS	69.93	1,374	26	24	23	26	22	18	22	22	17	16	14	13	16	14	10	7	7	10	D1	1	BF	AR	- 23	-2.03%	-2.89%	-0.78%
	John Hancock Multifactor Large Cap E	JHML	80.24	1,047	21	21	20	21	19	17	19	18	16	16	11	18	15	13	13	23	6	14	U3	36	BF	AR	- 7	-2.60%	-2.75%	0.35%
	ALPS O'Shares US Small-Cap Quality	OUSM	45.08	903	20	20	18	18	18	17	19	19	17	18	15	16	15	20	18	21	17	16	U3	8	BR	AR	- 34	-3.16%	-4.58%	3.42%
	State Street SPDR Russell 1000 Yield	ONEY	122.01	830	7	11	10	8	8	16	15	14	17	20	23	22	21	20	22	21	25	25	U3	15	AR	AR	+ 14	-3.26%	-2.46%	5.98%
	Vanguard U.S. Value Factor ETF	VFVA	138.08	813	9	14	12	12	7	10	11	10	8	10	9	7	7	6	9	9	12	17	U3	16	BR	AR	- 1	-2.25%	-4.51%	2.54%
	ALPS O'Shares U.S. Quality Dividend	IOUSA	58.08	772	18	20	22	22	19	16	18	18	15	14	12	14	13	14	13	15	12	14	U3	17	BF	AR	- 36	-2.35%	-2.74%	1.45%
	VictoryShares US EQ Income Enhanc	CDC	72.29	734	4	9	10	7	14	13	16	18	17	16	15	17	14	17	14	16	12	15	U3	15	AR	AR	- 35	-2.04%	0.06%	10.03%
	John Hancock Multifactor Small Cap E	JHSC	43.31	669	19	15	14	12	8	14	11	9	11	19	13	19	15	17	19	29	21	19	U3	13	BR	AR	- 1	-4.92%	-6.30%	2.31%
	ProShares Russell 2000 Dividend Grov	SMDV	69.99	637	13	16	13	9	8	15	18	16	22	28	28	23	21	20	27	27	27	28	U3	11	BR	AR	+ 14	-2.58%	-4.88%	2.85%
	Franklin U.S. Low Volatility High Divide	LVHD	43.81	622	5	11	14	12	15	15	19	20	21	19	18	20	18	20	17	18	15	17	U3	6	AR	AR	- 114	-1.77%	1.07%	10.40%
	Vanguard U.S. Multifactor ETF	VFMO	157.12	540	8	12	10	10	7	8	11	9	8	9	7	6	5	6	7	7	8	14	U3	19	BR	AR	- 1	-3.18%	-4.04%	3.31%
	Hartford Multifactor US Equity ETF	ROUS	59.98	528	14	16	17	16	17	17	18	18	19	18	19	17	17	16	15	13	18	16	U3	37	BR	AR	- 1	-2.93%	-1.91%	3.29%
	FlexShares Quality Dividend Defensive	QDEF	82.29	502	18	21	20	21	18	21	24	23	21	18	17	16	17	15	15	9	8	14	U3	38	BR	AR	- 23	-1.91%	-2.12%	1.56%
	JPMorgan Diversified Return Use Equi	JPUS	132.61	411	7	11	13	12	14	16	18	18	20	21	21	20	21	21	22	17	20	21	U3	16	AR	AR	+ 9	-3.27%	-1.00%	6.61%
	JPMorgan Diversified Return U.S. Mid	JPME	115.32	401	8	11	13	12	13	17	18	17	20	20	22	20	21	21	22	18	23	25	U3	16	AR	AR	+ 14	-3.52%	-2.19%	5.48%
	First Trust Multi Cap Growth AlphaDEX	FAD	161.72	396	26	22	21	21	19	21	15	13	15	16	19	15	14	13	12	11	25	18	D1	1	BF	AR	- 6	-3.99%	-4.02%	-1.23%
	VictoryShares US Large Cap High Divi	CDL	75.45	381	4	9	10	7	14	13	16	18	17	16	15	17	14	17	14	16	12	15	U3	15	AR	AR	- 35	-2.03%	0.11%	10.05%
	WisdomTree U.S. Multifactor Fund	USMF	51.23	370	26	27	28	28	27	29	28	28	26	29	28	25	26	27	28	28	29	28	D1	4	BF	AR	- 6	-0.76%	-0.97%	-0.53%
	WisdomTree US Smallcap Quality Divi	DGRS	53.78	369	7	11	12	12	11	12	13	14	14	15	13	14	12	15	17	21	16	16	U3	12	BR	AR	- 31	-2.74%	-4.73%	8.19%
	American Century U.S. Quality Value E	VALQ	67.58	309	16	18	18	17	15	15	17	16	14	16	16	16	16	13	18	18	22	22	U3	16	BR	AR	- 1	-2.45%	-3.25%	1.37%
	Invesco Russell 2000 Dynamic Multifac	OMFS	45.95	266	18	18	15	15	10	13	10	8	10	16	16	12	9	6	9	12	25	23	U3	14	BR	AR	- 1	-3.24%	-5.30%	0.18%
	First Trust Dorsey Wright International	IFV	25.81	241	14	7	7	9	8	6	9	14	14	13	15	18	19	22	22	22	28	16	U3	13	BR	AR	- 1	-7.01%	-4.67%	6.02%
	PIMCO RAFI Dynamic Multi-Factor U.S	MFUS	59.26	232	10	14	15	14	13	15	18	16	17	17	14	20	17	19	19	28	14	18	U3	14	BR	AR	+ 9	-2.84%	-2.79%	4.62%
	Xtrackers Russell US Multifactor ETF	DEUS	61.13	220	13	13	15	15	15	18	19	18	20	22	23	21	21	22	24	21	25	25	U3	16	BR	AR	+ 9	-3.35%	-2.34%	4.49%
	Cambria Global Momentum ETF	GMOM	36.42	135	4	4	6	6	6	4	4	6	8	8	7	6	9	9	10	7	11	9	U3	38	AR	AR	+ 12	-4.57%	-1.05%	9.92%
	Invesco S&P 500 Value with Momentum	SPVM	70.35	102	9	14	14	14	10	14	16	14	12	10	8	6	7	7	11	6	5	11	U3	19	BR	AR	- 1	-2.44%	-2.83%	3.60%
	RiverFront Dynamic US Dividend Adv	RFDA	63.50	81	23	25	23	26	21	16	18	19	16	13	11	14	13	13	13	14	9	10	D1	1	BF	AR	- 37	-0.63%	-2.59%	0.66%
	Cambria Value & Momentum ETF	VAMO	34.46	80	21	22	18	15	15	16	14	10	10	12	11	8	7	6	13	11	9	17	U3	15	BR	AR	- 2	-2.12%	-4.66%	-0.57%
	Invesco S&P SmallCap High Dividend	XSHD	13.42	74	16	22	21	19	18	15	16	15	18	19	19	21	18	23	21	24	20	22	U3	4	BR	AR	- 7	-0.81%	-2.73%	6.15%
	First Trust Dorsey Wright Momentum &	DDIV	40.76	63	26	21	17	17	14	15	17	10	12	10	12	7	10	11	11	15	21	20	D1	1	BF	AR	- 2	-4.66%	-7.19%	-2.19%
	First Trust Lunt U.S. Factor Rotation E	FCTR	36.38	53	20	21	19	20	19	18	15	12	14	16	20	19	19	20	20	25	30	28	U3	13	BR	AR	- 2	-2.36%	-1.80%	1.40%
	Arrow Dow Jones Global Yield ETF	GYLD	14.08	27	7	14	17	18	19	15	16	19	18	13	14	16	15	16	17	18	13	14	U3							

		Relative Strength Ranking - RSR																								% Price Δ			
		Price	MKT Cap(MM)	03/	02/	02/	02/	02/	01/	01/	01/	01/	01/	12/	12/	12/	12/	12/	11/	11/	11/	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month	
Group or Corp	Ticker			06	27	20	13	06	30	23	16	09	02	31	26	19	12	05	28	21	14								
EF-19	Multi-factor																												
	Acquirers Small and Micro Deep Value DEEP	36.91	26	18	18	14	17	14	11	10	8	10	21	16	19	10	20	22	29	27	28	U3	13	BR	AR	- 1	-3.20%	-4.58%	3.59%
EF-20	Socially Responsible/ESG			19	17	15	15	16	12	11	12	11	9	10	10	10	11	10	10	9	8	U3	38	BR	AR	- 2	-3.96%	-3.79%	1.67%
	iShares ESG Aware MSCI USA ETF ESGU	146.22	15,441	26	26	25	27	24	22	23	23	19	17	15	15	16	14	10	8	11	11	D1	3	BF	AR	- 19	-1.99%	-2.62%	-1.66%
	iShares ESG Aware MSCI EAFE ETF ESGD	97.23	10,890	17	10	10	11	13	10	14	13	14	12	12	15	16	18	20	19	23	14	U3	46	BR	AR	- 1	-6.71%	-4.34%	3.53%
	iShares ESG Aware MSCI EM ETF ESGE	45.90	6,077	16	6	4	6	7	4	5	6	7	5	8	10	14	14	8	7	5	3	U3	45	BR	AR	- 1	-8.42%	-5.05%	6.16%
	State Street SPDR S&P 500 Fossil Fuel SPYX	55.06	2,420	26	26	25	27	24	22	23	22	18	16	15	14	16	14	10	8	9	10	D1	3	BF	AR	- 19	-2.05%	-2.79%	-1.68%
	iShares ESG Aware MSCI USA Small-Cap ESMIL	47.66	2,233	16	15	14	14	12	14	9	7	8	14	16	11	10	8	9	8	15	18	U3	15	BR	AR	- 1	-4.10%	-4.68%	1.80%
	Nuveen ESG Large-Cap Growth ETF NULG	94.32	2,221	28	29	28	29	29	29	29	28	27	29	29	24	27	28	22	27	29	23	D3	5	BF	BR	- 27	-0.97%	-1.78%	-3.03%
	Nuveen ESG Large-Cap Value ETF NULV	46.45	1,932	14	14	15	15	14	13	14	11	12	13	12	11	14	11	10	12	8	14	U3	37	BR	AR	- 1	-3.31%	-2.95%	2.68%
	Invesco Solar ETF TAN	53.28	1,450	5	7	1	1	1	3	2	3	4	1	2	1	1	2	2	1	1	1	U3	37	BR	AR	- 1	-3.13%	-7.72%	11.37%
	Nuveen ESG Small-Cap ETF NUSC	45.70	1,172	20	17	14	15	13	14	10	8	9	15	17	13	11	8	13	11	15	20	U3	15	BR	AR	- 1	-4.30%	-5.40%	0.36%
	Global X S&P 500 Catholic Values Funds CATH	80.72	1,098	26	26	25	27	23	22	24	23	19	19	11	19	16	13	13	23	5	11	D1	3	BF	AR	- 22	-2.10%	-2.94%	-2.38%
	iShares Low Carbon Optimized MSCI World ECRN	229.38	998	25	20	19	20	19	17	18	18	16	13	13	13	16	16	13	12	14	13	U3	38	BF	AR	- 23	-3.74%	-3.28%	0.45%
	First Trust Nasdaq Clean Edge Green Index IQCLN	45.03	534	26	16	7	6	5	3	3	1	1	1	4	2	1	1	1	1	2	1	U3	36	BR	AR	- 6	-6.97%	-9.34%	-0.65%
	Invesco WilderHill Clean Energy ETF PBW	30.86	492	28	22	15	14	6	3	2	1	1	1	3	1	1	1	1	1	1	1	D1	1	BR	AR	- 18	-4.78%	-9.87%	-2.21%
	Nuveen ESG Mid-Cap Value ETF NUMV	39.89	419	18	16	17	18	17	17	15	14	15	15	16	16	16	14	18	14	15	18	U3	37	BR	AR	- 1	-4.04%	-2.97%	1.59%
	Nuveen ESG Mid-Cap Growth ETF NUMG	43.35	349	30	30	30	30	30	30	29	29	26	29	29	27	27	29	29	30	30	29	D3	6	BF	BF	- 7	-1.52%	-0.66%	-9.73%
	State Street SPDR MSCI USA Gender Diversity SHE	131.04	275	23	23	22	21	21	14	15	16	13	12	11	14	13	13	14	17	10	13	D1	1	BR	AR	- 39	-2.28%	-2.47%	0.10%
	Columbia U.S. Equity Income ETF EQIN	50.02	268	8	15	14	14	10	14	17	17	15	16	17	18	19	15	21	20	23	20	U3	34	AR	AR	+ 15	-1.57%	-2.50%	4.49%
	Inspire Small/Mid Cap ETF ISMD	40.19	253	18	17	14	13	10	12	10	8	10	21	23	19	16	13	20	21	28	26	U3	14	BR	AR	- 1	-3.89%	-6.02%	1.43%
	First Trust Global Wind Energy ETF FAN	23.58	230	3	2	3	4	4	3	3	5	6	4	8	11	10	9	13	14	17	5	U3	13	AR	AR	+ 10	-3.64%	3.83%	15.56%
	Invesco Global Clean Energy ETF PBD	17.28	178	8	6	4	6	4	3	3	3	5	4	4	4	4	3	2	2	2	1	U3	10	BR	AR	- 1	-5.88%	-4.11%	7.26%
	State Street SPDR MSCI ACWI Climate Change NZAC	41.87	167	26	25	24	26	24	22	23	23	18	16	15	15	16	17	13	12	14	12	D1	2	BF	AR	- 19	-3.07%	-2.98%	-1.52%
	iShares MSCI Global Sustainable Development Goals SDG	83.29	162	26	22	20	19	20	24	25	25	23	16	18	18	17	20	14	10	9	5	U3	40	BF	AR	- 1	-4.11%	-4.00%	-0.42%
	Amplify Etho Climate Leadership U.S. Index ETHO	66.26	156	21	17	14	15	13	14	11	9	8	12	5	7	5	7	9	22	6	12	U3	34	BF	AR	- 1	-4.36%	-5.19%	0.30%
	Stance Sustainable Beta ETF CHGX	27.58	140	24	21	22	21	22	22	23	24	23	25	24	21	22	23	20	23	28	23	U3	13	BR	AR	- 1	-3.25%	-2.00%	1.14%
	Invesco MSCI Sustainable Future ETF EARTH	46.45	137	27	25	19	19	21	23	24	24	23	16	19	18	18	21	20	16	21	10	U3	12	BF	AR	- 2	-3.87%	-4.78%	-0.81%
	Inspire Global Hope ETF BLES	44.92	137	14	12	14	14	15	15	14	16	17	18	19	19	20	20	20	19	23	19	U3	41	BR	AR	+ 9	-4.71%	-2.75%	4.03%
	VanEck Low Carbon Energy ETF SMOG	133.63	131	18	12	12	11	12	6	9	13	15	6	10	6	5	6	4	3	4	2	U3	45	BR	AR	- 1	-5.79%	-4.32%	2.20%
	FlexShares STOXX US ESG Select Index ESG	156.30	121	26	23	23	23	19	18	23	22	19	17	16	16	17	17	18	16	19	16	D1	1	BF	AR	- 11	-2.27%	-3.61%	-0.74%
	Global X Conscious Companies ETF KRMA	42.69	110	26	25	25	26	23	22	23	23	18	16	10	19	16	13	15	24	6	14	D1	3	BF	AR	- 18	-1.74%	-2.58%	-1.84%
	FlexShares STOXX Global ESG Select Index ESGG	204.83	102	22	19	18	18	17	16	19	18	16	13	11	12	16	15	15	12	14	11	U3	39	BF	AR	- 3	-3.42%	-3.79%	0.90%
	State Street SPDR MSCI Emerging Markets EEMX	44.66	98	13	4	4	6	6	4	4	5	6	5	6	7	14	13	8	7	5	3	U3	13	BR	AR	- 1	-8.47%	-4.88%	7.46%
	Columbia International Equity Income Fund INEQ	38.85	54	7	6	7	6	7	6	11	13	11	6	5	6	7	8	12	9	7	5	U3	46	BR	AR	+ 13	-6.27%	-3.21%	5.90%
EF-21	Thematic			24	22	23	23	23	16	17	17	15	14	13	13	13	13	13	15	14	13	U3	13	BR	AR	- 5	-2.43%	-1.93%	-0.02%
	Global X U.S. Infrastructure Development PAVE	51.58	11,653	8	6	4	4	4	13	11	8	14	14	11	19	11	15	13	26	9	11	U3	37	BR	AR	+ 9	-6.37%	-5.69%	7.13%
	First Trust Capital Strength ETF FTCS	97.10	8,229	13	17	19	19	17	18	21	23	23	28	28	24	26	25	28	29	28	28	U3	14	AR	AR	+ 9	-2.26%	-2.02%	4.23%
	First Trust Nasdaq Clean Edge Smart Grid IQGRID	165.87	7,730	7	4	4	4	6	6	15	16	20	13	18	18	19	18	13	12	17	8	U3	13	BR	AR	+ 6	-6.74%	-2.91%	8.77%
	ARK Innovation ETF ARKK	72.40	6,534	30	30	30	30	30	30	28	25	28	29	30	27	22	21	10	14	29	17	D3	5	BF	BR	- 20	-0.70%	2.83%	-9.94%
	Franklin U.S. Large Cap Multifactor Index FLQL	69.27	1,777	25	22	21	22	19	18	21	19	18	16	16	14	16	15	11	9	14	13	U3	37	BF	AR	- 23	-2.83%	-3.34%	0.09%
	Invesco Buyback Achievers ETF PKW	134.61	1,603	23	22	20	21	18	23	23	22	17	16	17	16	16	13	20	18	24	23	U3	14	BR	AR	- 2	-2.31%	-3.58%	-0.78%
	ROBO Global Robotics & Automation Index ROBO	71.98	1,602	14	6	4	6	9	10	6	5	5	5	6	8	5	3	7	27	3	3	U3	14	BR	AR	- 1	-8.20%	-3.27%	1.85%
	VanEck BDC Income ETF BIZD	12.83	1,444	30	30	30	30	30	29	29	28	30	29	30	30	29	30	30	30	30	30	D3	5	BF	BF	- 5	1.18%	-4.40%	-11.50%
	First Trust US Equity Opportunities ETF FFX	162.97	1,182	26	24	25	28	27	26	24	19	17	15	16	7	5	6	4	11	28	16	D1	5	BF	AR	- 22	-2.23%	0.14%	-2.48%

			Relative Strength Ranking - RSR																				% Price Δ							
Group or Corp	Ticker	Price	MKT Cap(MM)	03/	02/	02/	02/	02/	01/	01/	01/	01/	01/	12/	12/	12/	12/	12/	11/	11/	11/	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month		
				06	27	20	13	06	30	23	16	09	02	31	26	19	12	05	28	21	14									
EF-21	Thematic																													
	Innovator U.S. Equity Power Buffer ETI	PJUL	46.37	990	23	25	25	26	24	24	26	25	23	22	19	21	21	22	22	21	17	18	D1	1	BF	AR	- 25	-0.90%	-0.98%	0.41%
	Abacus FCF Leaders ETF	ABFL	71.78	651	26	23	23	24	23	26	26	25	24	26	18	23	25	24	24	30	25	25	U3	12	BF	AR	- 1	-2.42%	-2.27%	-0.18%
	Goldman Sachs Hedge Industry VIP E' GVIP		149.01	432	28	25	21	22	23	16	15	18	15	13	11	10	15	11	9	7	21	12	D1	1	BF	BR	- 21	-4.73%	-4.83%	-3.54%
	ProShares S&P 500 Ex-Technology E1 SPXT		104.73	270	18	18	19	20	18	16	18	18	16	16	14	15	16	15	15	12	14	17	U3	37	BR	AR	- 4	-2.94%	-2.64%	1.13%
	AdvisorShares Focused Equity ETF	CWS	68.17	168	26	25	28	29	29	29	25	20	23	29	29	24	26	24	28	29	29	29	D2	4	BF	BF	- 5	-2.33%	0.38%	-2.60%
	Renaissance IPO ETF	IPO	42.69	128	30	30	30	30	30	30	29	28	30	29	30	30	29	30	28	30	30	30	D3	5	BF	BF	- 6	-1.93%	-3.50%	-8.46%
	American Customer Satisfaction ETF	ACSI	66.28	103	26	23	26	28	23	26	25	24	20	22	20	20	22	21	20	18	25	24	D1	1	BF	AR	- 7	-2.32%	-2.48%	-0.82%
	Global X Millennial Consumer ETF	MILN	43.05	100	30	30	30	30	30	30	29	30	28	30	29	30	30	30	30	30	30	30	D3	5	BF	BF	- 6	-0.97%	-2.68%	-8.47%
	Pacer American Energy Infrastructure I	USAI	46.18	97	1	3	8	8	12	11	15	20	24	17	19	23	20	19	19	22	17	22	U3	6	AR	AR	- 6	1.87%	9.02%	19.71%
	ProShares S&P 500 Ex-Energy ETF	SPXE	72.26	73	26	27	25	27	24	22	23	22	18	17	14	14	16	15	11	8	11	11	D1	3	BF	AR	- 19	-1.96%	-2.96%	-1.72%
	Impact Shares Womens Empowermen	WOMN	40.82	58	26	26	26	27	24	24	26	25	20	22	15	22	19	21	22	29	17	23	D1	3	BF	AR	- 7	-1.82%	-2.50%	-1.40%
	Pacer US Export Leaders ETF	PEXL	60.55	41	19	18	18	19	18	11	11	11	10	8	7	9	9	10	10	14	8	8	D1	1	BR	AR	- 37	-3.95%	-3.09%	0.04%
	Principal Quality ETF	PSET	73.22	32	28	28	28	29	29	29	29	27	23	27	19	26	24	23	22	29	21	22	D3	1	BF	BR	- 24	-1.92%	-2.48%	-4.52%
	Point Bridge America First ETF	MAGA	54.49	31	10	14	15	15	15	19	20	19	23	26	23	27	22	23	22	29	25	27	U3	14	AR	AR	+ 9	-2.68%	-1.82%	5.30%
	ProShares Equities for Rising Rates E1	EQRR	67.67	11	8	17	15	15	14	15	17	18	14	14	17	19	19	13	13	18	24	18	U3	19	AR	AR	+ 15	-0.99%	-1.57%	3.90%
	AdvisorShares Vice ETF	VICE	32.47	7	26	27	28	29	28	29	29	30	30	30	30	30	30	30	30	30	30	30	U1	8	AR	BF	+ 8	-0.40%	-2.11%	2.06%
EF-22	Alpha																													
	VanEck Morningstar Wide Moat ETF	MOAT	102.80	12,531	18	20	21	20	21	15	15	16	14	12	11	12	12	12	12	12	10	10	U3	37	BR	AR	- 1	-2.53%	-0.93%	1.37%
	Innovator Laddered Allocation Power B	BUFF	49.87	773	23	25	25	26	24	24	25	25	23	21	19	21	21	22	22	21	18	20	U3	38	BR	AR	- 23	-0.97%	-0.92%	0.36%
	NYLI Hedge Multi-Strategy Tracker ETI	IQAI	34.25	764	18	21	21	21	22	22	21	23	23	21	19	23	22	23	23	29	18	20	U3	13	BR	AR	- 1	-1.86%	-0.80%	2.58%
	ProShares Large Cap Core Plus	CSM	77.96	476	26	26	24	27	23	19	21	20	16	12	8	7	9	9	7	6	6	8	D1	4	BF	AR	- 19	-1.20%	-2.31%	-1.42%
	Capitol Series Trust - Hull Tactical US	HTUS	39.01	134	26	23	23	23	21	18	20	22	18	14	11	11	15	14	10	8	14	14	D1	1	BF	AR	- 11	-2.21%	-2.85%	-0.84%
	Invesco Bloomberg Analyst Rating Imp	UPGD	76.71	105	16	16	17	17	16	18	19	18	19	26	23	20	20	20	23	23	28	28	U3	14	BR	AR	+ 14	-3.47%	-2.88%	2.55%
	Innovator IBD 50 ETF	FFTY	36.76	86	24	6	14	17	25	29	13	20	22	29	19	28	29	27	22	30	27	4	U3	2	BR	AR	+ 4	-10.10%	0.91%	5.65%
	AdvisorShares Ranger Equity Bear ETI	HDGE	17.45	73	4	16	20	17	23	23	28	29	30	27	28	29	29	30	29	29	9	20	U3	6	AR	AR	+ 7	1.63%	6.21%	11.27%
	Global X Guru Index ETF	GURU	59.81	54	28	27	27	27	24	25	23	23	17	12	4	6	5	4	3	9	2	3	D2	1	BF	AR	- 22	-3.25%	-3.18%	-5.98%
	AdvisorShares Insider Advantage ETF	SURE	130.65	50	14	16	16	17	16	16	14	10	8	13	12	8	10	9	15	18	22	23	U3	15	BR	AR	- 1	-2.59%	-2.03%	1.79%
	ProShares Merger ETF	MRGR	44.74	16	18	25	25	23	23	22	21	23	21	17	15	19	17	13	15	12	3	10	D1	1	BR	AR	- 12	0.02%	-0.20%	-0.25%
EF-23	Convertible Preferred																													
	iShares Preferred & Income Securities	PFF	31.12	14,065	24	25	24	23	25	18	19	20	18	16	16	17	16	19	18	20	14	15	U3	11	BR	AR	- 34	-0.82%	-1.01%	1.69%
	iShares Convertible Bond ETF	ICVT	101.28	5,332	22	21	20	19	19	14	15	15	16	13	13	14	13	13	12	17	10	8	U3	8	BR	AR	- 41	-3.22%	-2.88%	1.74%
	State Street SPDR Bloomberg Convert	CWB	91.34	5,133	24	22	21	19	20	15	16	16	14	14	13	14	14	14	13	18	11	9	U3	9	BR	AR	- 41	-3.07%	-2.63%	1.20%
	Invesco Preferred ETF	PGX	11.30	3,922	24	26	25	26	28	19	21	22	21	17	18	19	18	20	18	19	14	14	U3	2	BR	AR	- 31	-0.88%	0.12%	2.16%
	Invesco Variable Rate Preferred ETF	VRP	24.33	2,445	21	25	25	26	25	19	21	21	20	16	15	17	16	18	17	17	13	14	U3	43	BR	AR	- 140	-0.53%	-0.16%	1.33%
	State Street SPDR ICE Preferred Secu	PSK	31.83	740	25	25	25	27	28	20	21	22	21	18	18	19	18	20	18	19	14	14	U3	1	BR	AR	- 30	-0.50%	-0.19%	1.63%
	Invesco Financial Preferred ETF	PGF	14.23	734	24	27	25	27	28	20	21	22	22	17	18	19	19	21	18	20	14	14	U3	2	BR	AR	- 30	-0.56%	0.24%	2.47%
	Global X SuperIncome Preferred ETF	SPFF	9.03	126	26	27	25	26	25	17	17	18	14	13	12	13	13	14	15	18	13	14	D1	2	BF	AR	- 32	-1.14%	-2.52%	-1.58%
	InfraCap REIT Preferred ETF	PFFR	17.85	112	26	27	26	28	28	20	22	22	21	17	17	18	18	19	18	19	13	15	D1	1	BF	AR	- 33	-0.11%	-0.74%	0.06%
	First Trust SSI Strategic Convertible Se	FCVT	44.11	106	22	18	17	17	18	12	12	13	13	12	11	13	11	12	12	15	9	8	U3	11	BR	AR	- 39	-3.68%	-3.67%	1.42%
	Innovator S&P Investment Grade Prefe	EPRF	17.09	70	28	29	28	28	28	21	21	22	21	18	18	19	17	20	19	21	16	15	D3	2	BF	BR	- 31	-0.98%	-1.98%	-2.07%
SECTORS (US)																														
EF-24	Consumer Discr.																													
	State Street Consumer Discretionary S	XLV	114.44	22,648	28	28	28	29	29	24	19	22	15	26	19	15	14	14	18	18	28	23	D2	3	BF	BR	- 6	-2.07%	-3.01%	-5.00%
	Vanguard Consumer Discretionary ETf	VCR	375.80	5,922	28	29	28	29	29	25	20	21	15	26	20	18	15	16	19	20	29	26	D2	3	BF	BR	- 6	-2.21%	-3.73%	-5.63%

			Relative Strength Ranking - RSR																	% Price Δ											
Group or Corp	Ticker	Price	MKT Cap(MM)	03/06	02/27	02/20	02/13	02/06	01/30	01/23	01/16	01/09	01/02	12/31	12/26	12/19	12/12	12/05	11/28	11/21	11/14	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month			
EF-24 Consumer Discr.	iShares U.S. Home Construction ETF	ITB	98.43	2,535	28	22	17	12	19	29	27	23	23	30	30	30	30	28	28	23	30	29	U3	2	BR	BR	- 1	-8.45%	-9.90%	-3.84%	
	Fidelity MSCI Consumer Discretionary	FDIS	97.58	1,717	28	29	28	29	29	25	20	21	15	26	21	18	15	16	19	20	29	26	D2	3	BF	BR	- 6	-2.18%	-3.80%	-5.59%	
	State Street SPDR S&P Homebuilders	XHB	105.55	1,562	28	18	14	7	15	29	25	18	20	30	30	30	30	27	28	22	29	29	U3	4	BR	BR	- 1	-8.49%	-9.99%	-1.99%	
	iShares U.S. Consumer Discretionary E	IYC	101.04	1,212	28	27	28	29	29	28	25	25	21	29	27	23	22	23	25	28	30	28	D2	3	BF	BR	- 6	-2.06%	-2.04%	-3.16%	
	State Street SPDR S&P Retail ETF	XRT	83.07	590	28	25	22	23	18	26	18	12	10	20	20	17	14	9	15	21	29	29	D1	1	BF	BR	- 4	-4.50%	-7.42%	-5.30%	
	Invesco S&P 500 Equal Weight Consu	RSPD	56.30	275	27	23	22	23	20	26	24	23	17	26	26	22	20	20	25	27	29	29	D1	1	BF	BR	- 1	-4.55%	-5.84%	-2.65%	
	First Trust Consumer Discretionary Alp	FXD	66.16	268	28	25	22	23	19	26	21	17	11	20	21	19	16	14	21	22	29	28	D1	1	BF	BR	- 4	-4.78%	-7.61%	-4.90%	
	VanEck Retail ETF	RTH	259.78	263	16	20	22	19	18	18	14	15	17	26	24	22	22	20	21	16	21	20	U3	19	BR	AR	- 1	-1.73%	-1.93%	2.63%	
	Invesco Leisure and Entertainment ETI	PEJ	59.30	251	26	23	24	28	25	28	25	23	21	17	16	16	15	15	23	25	28	27	D1	5	BF	AR	- 7	-3.83%	-2.52%	-3.31%	
	iShares U.S. Consumer Focused ETF	IEDI	56.36	28	24	22	23	22	20	24	19	20	20	29	29	27	27	26	28	29	30	29	U3	6	BR	AR	- 1	-2.60%	-3.42%	0.60%	
	Invesco S&P SmallCap Consumer Dist	PSCD	107.35	25	26	20	17	18	16	27	17	13	13	29	29	27	26	23	29	29	30	30	U3	5	BR	BR	- 1	-5.32%	-7.55%	-0.57%	
	First Trust Nasdaq Food & Beverage E	FTXG	23.01	20	7	8	14	11	13	18	26	28	30	30	30	30	30	30	30	29	30	29	U3	5	AR	AR	+ 16	-3.87%	-1.41%	6.90%	
	First Trust Nasdaq Retail ETF	ISHP	35.05	5	30	30	30	30	30	29	29	29	27	29	29	29	30	30	29	30	30	29	D3	5	BF	BF	- 6	-1.77%	-5.69%	-10.96%	
EF-25 Consumer Staples	State Street Consumer Staples Select	XLP	85.78	17,098	7	7	12	7	9	13	16	19	22	21	20	21	20	20	21	20	19	21	U3	5	AR	AR	+ 14	-4.71%	-2.57%	7.49%	
	Vanguard Consumer Staples ETF	VDC	232.79	8,054	6	6	10	6	8	16	18	22	28	29	29	29	29	29	29	29	30	29	U3	6	AR	AR	+ 15	-4.67%	-2.73%	8.25%	
	Fidelity MSCI Consumer Staples Index	FSTA	54.26	1,457	6	6	10	6	8	16	18	22	28	29	29	29	29	29	29	29	30	29	U3	6	AR	AR	+ 15	-4.65%	-2.72%	8.35%	
	iShares U.S. Consumer Staples ETF	IYK	73.24	1,304	7	6	10	8	8	17	22	25	30	29	29	29	30	30	30	29	28	29	U3	5	AR	AR	+ 9	-5.67%	-2.48%	8.89%	
	Invesco S&P 500 Equal Weight Consu	RSPS	31.62	274	7	7	10	6	8	16	20	23	28	29	29	29	29	28	29	29	30	29	U3	6	AR	AR	+ 15	-4.82%	-2.74%	6.16%	
	First Trust Consumer Staples AlphaDE	FXG	66.25	242	8	10	14	12	13	18	22	25	30	29	30	30	30	29	29	29	29	29	U3	5	AR	AR	+ 9	-4.51%	-2.54%	6.61%	
	Invesco Food & Beverage ETF	PBJ	48.84	89	7	8	12	7	9	17	25	27	30	30	30	30	29	30	30	30	30	30	U3	5	AR	AR	+ 14	-4.19%	-2.72%	7.64%	
	Invesco S&P SmallCap Consumer Staj	PSCC	33.73	34	10	12	14	15	18	21	27	29	30	30	30	30	30	30	30	30	30	30	U3	3	AR	AF	+ 14	-4.52%	-2.20%	5.02%	
	EF-26 Communications	State Street Communication Services	XLC	117.46	26,487	5	11	14	16	15	9	13	14	11	8	7	8	8	9	8	8	9	10	U3	14	AR	AR	+ 3	-0.92%	2.25%	7.36%
Vanguard Communication Services ET		VOX	190.54	5,922	23	25	26	28	25	13	19	23	15	12	7	7	9	9	6	5	10	19	D1	4	BF	AR	- 23	-0.82%	-0.16%	-0.32%	
Fidelity MSCI Communication Services		FCOM	72.16	1,710	22	25	26	28	25	14	19	23	16	13	7	8	9	9	6	5	11	20	D1	4	BF	AR	- 23	-0.78%	-0.15%	-0.23%	
iShares U.S. Telecommunications ETF		IYZ	39.10	798	2	2	2	2	4	4	15	18	17	5	4	6	5	8	7	8	9	11	U3	15	AR	AR	+ 6	-1.64%	3.08%	18.03%	
State Street SPDR S&P Telecom ETF		XTL	182.44	296	1	1	2	2	3	3	3	3	3	3	1	2	3	2	1	1	2	3	2	U3	14	AR	AR	+ 6	-0.86%	7.06%	19.34%
EF-27 Energy	State Street Energy Select Sector SPD	XLE	56.57	39,279	1	1	2	2	3	4	8	14	15	13	15	17	18	14	9	11	10	9	U3	8	AR	AR	+ 8	7.17%	12.74%	29.99%	
	Vanguard Energy ETF	VDE	159.62	9,732	1	1	1	1	2	3	5	9	15	15	20	26	27	20	17	18	12	9	U3	9	AR	AR	+ 9	1.16%	6.23%	25.36%	
	State Street SPDR S&P Oil & Gas Exp	XOP	164.13	2,946	1	3	3	6	5	6	17	26	29	27	29	30	30	25	13	17	21	14	U3	7	AR	AR	+ 7	6.77%	12.10%	25.51%	
	VanEck Oil Services ETF	OIH	373.33	2,446	1	1	1	1	1	1	1	1	1	1	3	5	5	1	1	2	1	1	U3	29	AR	AR	+ 9	-5.96%	1.69%	26.77%	
	United States Oil Fund LP	USO	108.77	1,754	1	6	7	17	16	4	24	29	30	30	30	30	30	30	30	30	30	29	U3	3	AR	AR	+ 9	32.73%	41.28%	58.07%	
	Fidelity MSCI Energy Index ETF	FENY	31.37	1,739	1	1	1	1	2	3	5	9	15	15	20	26	27	20	14	18	12	9	U3	9	AR	AR	+ 9	1.19%	6.48%	25.34%	
	iShares U.S. Energy ETF	IYE	59.75	1,649	1	1	2	1	2	3	6	10	16	16	21	26	27	21	18	18	14	10	U3	9	AR	AR	+ 9	1.17%	6.24%	24.57%	
	First Trust Natural Gas ETF	FCG	29.08	656	1	3	3	6	7	5	17	26	29	20	26	29	29	20	7	12	17	16	U3	6	AR	AR	+ 7	4.12%	11.08%	20.76%	
	Invesco S&P 500 Equal Weight Energy	RSPG	101.32	561	1	1	1	1	2	3	5	12	16	13	19	24	25	14	7	8	6	4	U3	9	AR	AR	+ 8	1.54%	8.54%	24.68%	
	iShares U.S. Oil & Gas Exploration & P	IEO	114.07	548	1	3	3	4	5	7	18	25	27	26	29	30	30	22	12	18	21	12	U3	7	AR	AR	+ 7	5.23%	10.67%	22.75%	
	United States Natural Gas Fund LP	UNG	12.75	512	26	30	30	30	24	1	9	30	30	30	30	30	30	30	1	13	7	19	D3	2	AR	BF	- 2	10.68%	-3.92%	0.16%	
	State Street SPDR S&P Oil & Gas Equ	XES	108.35	430	1	1	1	1	1	1	1	1	1	1	1	3	3	1	1	1	1	1	U3	29	AR	AR	+ 9	-4.16%	3.55%	28.55%	
	iShares U.S. Oil Equipment & Services	IEZ	27.12	392	1	1	1	1	1	1	1	1	1	1	4	6	5	1	1	2	1	1	U3	31	AR	AR	+ 9	-6.39%	0.71%	26.23%	
	Invesco DB Oil Fund	DBO	18.26	365	1	6	7	17	16	4	24	29	30	30	30	30	30	30	30	29	30	30	29	U3	4	AR	AR	+ 9	26.45%	34.66%	50.20%

			Relative Strength Ranking - RSR																		% Price Δ									
		MKT	03/06	02/27	02/20	02/13	02/06	01/30	01/23	01/16	01/09	01/02	12/31	12/26	12/19	12/12	12/05	11/28	11/21	11/14	TRIPLE	50	200		1 week	1 month	3 month			
Group or Corp	Ticker	Price	Cap(MM)																			CYCLE	DAY	DAY	MACD					
EF-27	Energy																													
	First Trust Energy AlphaDEX Fund	FXN	20.46	350	1	1	2	2	3	3	7	16	20	13	18	23	24	11	6	8	9	9	U3	18	AR	AR	+ 9	1.79%	7.06%	21.21%
	United States Brent Oil Fund LP	BNO	43.95	341	1	3	4	14	13	3	19	26	29	30	30	30	30	29	30	30	29	U3	4	AR	AR	+ 9	26.26%	37.26%	55.58%	
	First Trust Nasdaq Oil & Gas ETF	FTXN	35.36	134	1	1	2	2	4	3	10	18	23	20	27	29	29	23	18	22	24	U3	9	AR	AR	+ 10	2.14%	8.20%	24.19%	
	United States Gasoline Fund LP	UGA	87.46	127	1	6	10	19	15	8	21	28	28	30	30	30	30	20	13	13	3	U3	6	AR	AR	+ 7	20.01%	25.97%	38.28%	
	Invesco S&P SmallCap Energy ETF	PSCE	56.43	110	1	1	1	1	1	2	3	5	8	11	17	20	21	7	3	8	8	5	U3	9	AR	AR	+ 9	1.93%	6.26%	27.19%
	Invesco Energy Exploration & Producti	PXE	35.32	89	1	4	4	6	7	15	26	29	30	29	29	30	30	22	9	12	16	14	U3	6	AR	AR	+ 6	5.72%	10.01%	19.85%
	Invesco Dorsey Wright Energy Momen	PXI	55.76	72	1	4	6	6	4	4	9	14	20	19	26	27	27	20	8	10	9	5	U3	8	AR	AR	+ 7	3.40%	5.70%	20.09%
	Invesco DB Energy Fund	DBE	25.66	63	1	6	9	18	16	3	20	29	30	30	30	30	30	27	29	28	20	U3	4	AR	AR	+ 7	25.02%	32.31%	45.83%	
	Invesco Oil & Gas Services ETF	PXJ	39.75	61	1	1	1	1	1	1	2	1	1	4	4	6	5	2	1	2	1	1	U3	9	AR	AR	+ 9	-4.99%	5.83%	31.16%
	United States 12 Month Oil Fund LP	USL	44.09	51	1	9	13	20	19	10	27	29	30	30	30	30	30	30	30	30	29	U3	3	AR	AR	+ 9	14.97%	21.27%	32.38%	
EF-28	Energy - MLP				2	4	5	5	12	11	14	17	20	14	16	19	17	16	15	15	13	15	U3	10	AR	AR	+ 17	1.30%	7.90%	16.98%
	Alerian MLP ETF	AMLP	52.60	11,991	3	7	7	7	16	13	16	16	17	16	17	19	16	15	16	17	14	18	U3	8	AR	AR	- 13	1.08%	5.88%	11.83%
	First Trust North American Energy Infr	EMLP	43.69	3,998	3	5	7	6	15	15	21	22	28	26	27	27	28	27	23	18	14	20	U3	8	AR	AR	+ 8	-0.18%	7.16%	15.34%
	Global X MLP & Energy Infrastructure f	MLPX	72.64	3,229	1	3	3	2	13	11	14	19	22	15	17	21	17	16	17	20	14	20	U3	7	AR	AR	- 12	1.98%	9.65%	19.54%
	Global X MLP ETF	MLPA	54.08	2,151	3	8	7	7	16	13	16	17	18	16	17	19	16	16	16	18	14	18	U3	8	AR	AR	- 13	1.07%	5.69%	11.52%
	Tortoise North American Pipeline Fund	TPYP	42.09	849	1	4	4	4	10	11	19	24	29	23	28	29	26	23	23	29	18	28	U3	10	AR	AR	+ 8	1.43%	8.84%	17.63%
	InfraCap MLP ETF	AMZA	45.70	447	3	4	7	11	15	13	17	18	20	17	21	23	21	20	20	21	18	23	U3	6	AR	AR	- 6	0.88%	6.62%	15.26%
	Alerian Energy Infrastructure ETF	ENFR	37.58	411	1	3	3	3	13	11	15	19	23	15	17	21	17	16	17	20	14	20	U3	7	AR	AR	- 13	2.31%	9.78%	19.06%
	VanEck Energy Income ETF	EINC	115.87	123	1	3	3	2	8	11	15	19	22	14	16	20	16	15	16	18	13	19	U3	7	AR	AR	- 142	1.83%	9.61%	19.13%
EF-29	Financials				26	27	22	23	17	14	17	15	12	11	11	10	10	11	13	14	14	14	D1	2	BF	BR	- 4	-1.90%	-7.25%	-4.05%
	State Street Financial Select Sector SP	XLFX	50.57	48,112	29	29	28	29	25	29	29	25	19	18	17	16	19	19	23	27	29	28	D2	4	BF	BF	- 7	-1.67%	-6.80%	-7.65%
	Vanguard Financials ETF	VFH	123.43	12,478	29	29	28	29	24	28	29	25	18	17	17	16	18	17	23	27	29	28	D2	4	BF	BR	- 7	-1.70%	-7.22%	-7.69%
	Invesco KBW Bank ETF	KBWB	79.09	5,292	28	27	14	16	4	6	13	6	3	1	3	3	2	3	4	7	8	12	D1	1	BF	AR	- 4	-3.38%	-12.70%	-6.38%
	State Street SPDR S&P Regional Bank	KRE	64.91	3,840	25	22	7	8	4	7	14	10	10	15	16	8	5	6	15	21	23	28	U3	11	BR	AR	- 2	-2.79%	-11.84%	-2.63%
	iShares U.S. Financials ETF	IYF	120.16	3,659	28	29	28	28	23	25	27	23	17	14	15	13	16	14	21	21	27	24	D2	2	BF	BR	- 7	-2.00%	-7.31%	-6.82%
	Fidelity MSCI Financials Index ETF	FNCL	71.87	2,253	29	29	28	29	24	28	29	25	18	17	17	16	19	17	23	27	28	28	D2	4	BF	BR	- 7	-1.70%	-7.24%	-7.70%
	iShares US Financial Services ETF	IYG	84.27	1,926	29	30	28	29	24	27	28	23	16	13	14	10	15	13	20	21	28	24	D2	3	BF	BR	- 7	-1.93%	-8.38%	-8.61%
	iShares U.S. Broker-Dealers & Securiti	IAI	168.63	1,619	28	29	29	30	27	18	19	10	16	16	19	14	19	16	20	21	29	20	D2	3	BF	BR	- 5	-1.21%	-5.51%	-6.34%
	State Street SPDR S&P Bank ETF	KBE	59.55	1,322	26	27	14	14	6	13	15	12	9	14	16	8	7	7	18	22	24	28	D1	1	BF	AR	- 2	-2.46%	-11.66%	-4.06%
	First Trust Financials AlphaDEX Fund	FXO	57.67	1,130	28	27	24	26	18	20	25	23	16	16	16	12	11	11	20	18	24	22	D2	1	BF	BR	- 7	-2.17%	-7.30%	-5.43%
	First Trust Nasdaq Bank ETF	FTXO	36.05	1,123	27	25	13	15	4	9	15	10	5	4	4	4	4	4	7	14	14	19	D1	1	BF	AR	- 2	-2.96%	-13.03%	-4.87%
	iShares U.S. Regional Banks ETF	IAT	54.22	588	24	20	7	6	2	4	8	6	5	5	6	4	4	4	13	22	23	28	U3	12	BF	AR	- 2	-3.49%	-13.69%	-2.57%
	State Street SPDR S&P Capital Market	KCE	141.18	459	29	29	29	29	28	21	19	12	20	26	28	23	26	24	28	30	30	29	D2	3	BF	BR	- 4	-2.57%	-6.24%	-6.68%
	State Street SPDR S&P Insurance ETF	KIE	57.30	433	28	27	28	29	25	29	29	29	23	22	18	19	17	20	28	22	22	25	D2	6	BF	BF	- 8	-1.43%	-3.86%	-4.84%
	iShares U.S. Insurance ETF	IAK	134.17	416	21	22	24	26	23	28	29	29	23	20	16	19	17	18	28	23	19	25	U3	3	AF	AF	+ 3	-1.76%	-1.76%	-1.68%
	Invesco S&P 500 Equal Weight Financ	RSPF	73.81	275	28	29	28	29	25	27	27	25	20	22	19	19	20	20	27	29	29	29	D2	3	BF	BR	- 6	-1.48%	-5.58%	-6.22%
	Invesco KBW Property & Casualty Inst	KBWP	125.11	273	18	22	26	28	22	26	29	29	23	19	10	12	14	17	29	21	14	20	D1	7	AF	AR	- 8	-1.05%	-1.36%	-0.55%
	First Trust NASDAQ ABA Community f	QABA	57.79	75	21	23	11	11	5	13	16	16	20	26	23	19	10	8	20	26	25	28	U3	10	BR	AR	- 1	-1.60%	-9.71%	-2.21%
	Invesco Bloomberg Financial Data Pro	FDIQ	74.17	55	1	3	7	6	4	6	14	10	11	18	19	12	7	7	18	23	25	28	U3	11	AR	AR	+ 15	1.60%	4.30%	16.49%
	Invesco Dorsey Wright Financial Mome	PFI	53.71	35	30	30	28	29	24	25	25	20	19	20	22	18	20	19	22	27	30	29	D2	3	BF	BF	- 5	-2.45%	-8.59%	-8.29%
	Invesco S&P SmallCap Financials ETF	PSCF	58.09	23	23	23	18	18	15	18	21	17	19	22	22	19	16	15	22	23	25	26	U3	15	BR	AR	- 2	-1.69%	-6.02%	-0.76%
EF-30	Healthcare				17	14	16	16	14	10	7	8	6	5	4	4	4	4	4	3	3	5	D1	1	BF	AR	- 10	-4.15%	-3.12%	-1.82%
	State Street Health Care Select Sector	XLV	152.70	40,300	18	14	18	16	16	15	9	10	6	4	4	4	4	5	4	2	1	2	U3	26	BF	AR	- 8	-4.68%	-3.18%	-0.46%

				Relative Strength Ranking - RSR																		% Price Δ								
			MKT	03/06	02/27	02/20	02/13	02/06	01/30	01/23	01/16	01/09	01/02	12/31	12/26	12/19	12/12	12/05	11/28	11/21	11/14	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month		
Group or Corp	Ticker	Price	Cap(MM)																											
EF-30	Healthcare				22	17	19	18	17	16	10	10	6	4	4	4	4	4	3	2	1	2	D1	1	BF	AR	- 10	-4.52%	-3.11%	-1.43%
	Vanguard Health Care ETF	VHT	282.15	16,837	16	13	14	14	8	5	3	5	3	1	1	1	1	1	1	1	1	1	U3	32	BF	AR	- 11	-4.45%	-4.24%	-0.99%
	iShares Biotechnology ETF	IBB	167.56	8,303	5	8	10	11	4	3	2	1	1	1	1	1	1	1	1	1	1	1	U3	32	BR	AR	- 11	-2.65%	-1.20%	1.04%
	State Street SPDR S&P Biotech ETF	XBI	124.00	7,998	30	28	29	30	30	29	29	28	22	27	25	23	23	26	21	15	15	24	D3	3	BF	BF	- 8	-5.71%	-2.74%	-8.64%
	iShares U.S. Medical Devices ETF	IHI	56.76	3,372	22	17	20	18	18	16	10	10	6	4	4	4	4	5	4	2	1	2	D1	1	BF	AR	- 9	-4.53%	-3.11%	-1.27%
	iShares U.S. Healthcare ETF	IYH	63.81	3,034	21	17	19	18	17	16	10	10	6	4	4	4	4	4	3	2	1	2	D1	1	BF	AR	- 10	-4.44%	-3.06%	-1.34%
	Fidelity MSCI Health Care Index ETF	FHLC	72.89	2,894	27	20	19	18	14	5	3	5	3	1	2	1	1	1	1	1	1	1	D1	3	BF	AR	- 11	-5.15%	-6.88%	-5.26%
	First Trust NYSE Arca Biotechnology Ir	FBT	197.95	2,276	6	5	7	4	4	3	3	3	3	1	1	3	4	4	2	2	1	9	U3	27	BR	AR	- 1	-5.16%	-4.08%	6.67%
	VanEck Pharmaceutical ETF	PPH	105.94	1,270	28	23	24	26	23	24	17	20	10	13	12	10	9	9	7	3	3	10	D1	1	BF	AR	- 12	-4.51%	-4.14%	-3.39%
	First Trust Health Care AlphaDEX Func	FXH	111.00	877	24	16	18	19	18	17	10	10	7	8	7	6	7	8	7	3	3	10	U3	29	BF	AR	- 6	-5.29%	-3.64%	-1.21%
	Invesco S&P 500 Equal Weight Health	RSPH	31.50	737	30	30	30	30	30	30	19	25	19	21	22	22	25	19	25	15	21	25	D3	5	BF	BF	- 6	-2.93%	-0.67%	-8.47%
	iShares U.S. Healthcare Providers ETF	IHF	44.79	712	14	14	15	10	7	11	10	10	6	4	2	2	1	1	1	1	1	1	U3	5	BR	AR	- 11	-3.33%	-5.21%	-0.83%
	Invesco Pharmaceuticals ETF	PJP	104.76	404	18	14	15	15	8	6	5	10	6	4	4	3	2	3	1	1	1	1	U3	32	BF	AR	- 11	-4.57%	-5.23%	-0.39%
	State Street SPDR S&P Pharmaceutic	XPH	54.89	316	10	11	11	9	7	6	3	4	3	1	1	1	1	1	1	1	1	1	U3	31	BF	AR	- 9	-4.27%	-4.16%	-2.22%
	Invesco Biotechnology & Genome ETF	PBE	77.78	247	26	18	17	16	8	6	5	8	3	1	1	1	1	1	1	1	1	1	D1	2	BF	AR	- 9	-5.12%	-6.93%	-2.97%
	State Street SPDR S&P Health Care E	XHE	82.41	140	28	20	22	28	24	22	17	10	4	8	4	5	5	4	4	3	4	22	D1	5	BF	BR	- 6	-6.77%	-4.24%	-7.75%
	ALPS Medical Breakthroughs ETF	SBIO	49.86	133	7	7	7	8	4	2	1	1	1	1	1	1	1	1	1	1	1	1	D1	3	BF	AR	- 10	-3.29%	-2.22%	-2.71%
	Invesco S&P SmallCap Health Care E	PSCH	41.50	133	28	27	28	28	26	22	15	18	10	14	11	4	4	3	4	2	3	17	D2	3	BF	BR	- 10	-4.23%	-4.89%	-9.85%
	Invesco Dorsey Wright Healthcare Mor	PTH	48.00	119	19	17	18	19	16	12	6	5	3	1	1	1	1	1	1	1	1	1	D1	8	BF	AR	- 11	-3.66%	-1.52%	-5.54%
	State Street SPDR S&P Health Care S	XHS	106.24	89	23	22	23	21	24	22	10	10	8	6	6	6	5	4	7	2	2	17	D1	4	BF	AR	- 10	-1.91%	-0.03%	-2.96%
Virtus LifeSci Biotech Products ETF	BBP	83.48	50	4	9	10	15	12	5	3	5	4	1	1	1	1	1	1	1	1	1	U3	33	AR	AR	- 11	-1.67%	1.79%	5.93%	
Virtus LifeSci Biotech Clinical Trials E	BBC	41.43	37	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	U3	34	AR	AR	- 10	-2.44%	1.37%	5.46%	
First Trust Nasdaq Pharmaceuticals E	FTXH	34.10	29	5	6	7	6	4	3	4	5	3	1	1	1	1	1	1	1	1	1	U3	31	BR	AR	- 9	-4.25%	-3.67%	4.81%	
EF-31	Materials				3	1	1	1	1	3	2	3	3	4	4	3	5	5	7	6	8	8	U3	16	BR	AR	- 1	-7.42%	-1.19%	15.75%
	iShares Silver Trust	SLV	75.94	42,481	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	U3	46	BR	AR	- 5	-10.65%	8.19%	35.37%
	Sprott Physical Gold and Silver Trust U	CEF	53.12	10,288	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	U3	61	AR	AR	- 5	-5.80%	8.36%	22.62%
	State Street Materials Select Sector SF	XLB	49.86	6,791	4	3	3	2	4	6	5	8	8	17	22	19	24	25	29	29	30	29	U3	9	BR	AR	+ 14	-6.65%	-3.20%	11.00%
	State Street SPDR S&P Metals & Minir	XME	110.14	4,213	7	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	D1	1	BR	AR	- 4	-7.72%	-10.09%	7.96%
	Vanguard Materials ETF	VAW	226.33	2,988	5	3	3	2	4	6	3	5	6	14	19	16	20	22	28	27	30	29	U3	9	BR	AR	+ 14	-7.29%	-3.56%	9.73%
	iShares U.S. Basic Materials ETF	IYM	176.39	1,429	3	1	2	1	3	3	3	3	4	6	11	6	11	14	23	19	28	26	U3	14	AR	AR	+ 14	-6.45%	-0.24%	16.01%
	Sprott Gold Miners ETF	SGDM	84.28	807	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	U3	55	AR	AR	+ 8	-11.41%	6.79%	21.75%
	Fidelity MSCI Materials Index ETF	FMAT	57.92	530	5	3	3	2	4	5	3	5	6	14	19	16	20	21	28	27	30	29	U3	10	BR	AR	+ 14	-7.36%	-3.55%	9.63%
	First Trust Materials AlphaDEX Fund	FXZ	74.59	336	3	1	1	1	1	3	2	1	1	4	6	5	6	7	17	11	26	20	U3	15	AR	AR	+ 14	-5.49%	-2.60%	15.30%
	Invesco S&P 500 Equal Weight Materir	RSPM	38.19	176	3	2	2	1	2	3	3	5	6	13	17	16	20	22	28	23	29	29	U3	11	BR	AR	+ 16	-5.47%	-3.12%	13.38%
	Invesco Dorsey Wright Basic Materials	PYZ	121.12	98	5	2	3	2	2	3	1	1	2	5	8	4	5	6	13	8	28	18	U3	14	BR	AR	- 1	-8.34%	-5.43%	9.31%
Invesco S&P SmallCap Materials ETF	PSCM	92.90	19	3	2	1	1	1	3	2	1	1	4	4	3	4	3	7	6	19	14	U3	16	BR	AR	- 1	-6.41%	-5.90%	10.38%	
EF-32	Manufacturing				6	6	4	6	5	8	7	6	7	8	10	9	10	11	12	12	13	12	U3	13	BR	AR	- 1	-4.10%	-2.96%	8.46%
	State Street Industrial Select Sector SF	XLI	169.94	29,557	5	6	7	6	6	11	14	8	16	16	21	19	21	20	22	23	28	24	U3	14	AR	AR	+ 10	-4.06%	-1.87%	8.79%
	iShares U.S. Aerospace & Defense ET	ITA	242.20	16,361	3	6	5	8	8	4	3	1	3	4	8	6	8	15	23	18	23	11	U3	12	AR	AR	+ 10	-0.62%	3.54%	15.66%
	Invesco Aerospace & Defense ETF	PPA	180.76	8,369	3	6	4	6	6	3	3	1	3	6	14	11	16	19	23	21	27	17	U3	12	AR	AR	+ 10	-0.17%	3.14%	17.30%
	Vanguard Industrials ETF	VIS	326.26	7,264	6	6	7	6	6	10	11	7	14	16	22	19	20	19	21	21	27	23	U3	14	BR	AR	+ 9	-4.56%	-2.79%	8.25%
	State Street SPDR S&P Aerospace & I	XAR	279.29	6,277	3	4	3	6	4	3	2	1	1	4	7	5	7	12	19	16	24	14	U3	12	AR	AR	- 1	-1.29%	2.59%	18.05%
	iShares U.S. Industrials ETF	IYJ	154.41	2,501	14	13	13	14	13	17	18	13	15	19	21	19	21	20	26	28	29	28	U3	14	BR	AR	+ 13	-4.05%	-3.62%	3.41%
	ARK Autonomous Technology & Robot	ARKQ	118.70	1,941	18	18	13	15	13	4	3	1	1	4	4	4	2	3	2	3	12	2	D1	2	BR	AR	- 5	-3.05%	-3.35%	3.88%

		Relative Strength Ranking - RSR																				% Price Δ									
Group or Corp	Ticker	Price	MKT Cap(MM)	03/	02/	02/	02/	02/	01/	01/	01/	01/	01/	12/	12/	12/	12/	12/	11/	11/	11/	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month			
				06	27	20	13	06	30	23	16	09	02	31	26	19	12	05	28	21	14										
EF-32	Manufacturing																														
	Fidelity MSCI Industrial Index ETF	FIDU	90.45	1,927	6	6	6	6	6	8	10	6	14	16	22	19	21	19	22	21	27	23	U3	14	BR	AR	+ 9	-4.42%	-2.60%	8.61%	
	First Trust Nasdaq Transportation ETF	FTXR	38.87	840	16	6	4	4	2	5	5	4	2	3	3	2	1	1	3	4	5	10	U3	35	BR	AR	- 1	-7.89%	-9.66%	-0.45%	
	First Trust Industrials/Producer Durable FXR		84.85	721	10	7	7	6	4	10	6	5	6	16	20	19	19	16	22	27	29	29	U3	14	BR	AR	- 1	-6.18%	-6.42%	4.97%	
	Invesco Dorsey Wright Industrials Morr PRN		193.60	319	7	4	1	2	4	4	4	2	8	9	18	8	11	13	16	15	29	20	U3	13	BR	AR	+ 9	-6.82%	-3.98%	9.96%	
	Invesco S&P SmallCap Industrials ETF PSCI		158.26	165	15	10	4	4	3	5	5	4	6	14	17	8	10	7	13	11	19	24	U3	14	BR	AR	- 1	-6.13%	-9.97%	2.76%	
EF-33	Real Estate				10	16	17	17	22	17	18	16	18	17	17	17	19	19	17	15	14	15	U3	8	AR	AR	+ 9	-2.06%	1.08%	5.93%	
	Vanguard Real Estate ETF	VNQ	93.55	36,196	13	17	18	18	23	26	27	23	29	29	29	29	29	29	29	27	28	28	U3	4	AR	AR	+ 8	-2.24%	1.41%	5.54%	
	Schwab U.S. REIT ETF	SCHH	22.56	9,497	7	13	15	15	21	26	27	23	28	29	29	29	29	29	29	27	27	28	U3	5	AR	AR	+ 8	-2.04%	2.69%	7.99%	
	State Street Real Estate Select Sector	XLRE	42.89	7,604	11	16	17	17	24	27	28	24	30	29	29	29	30	30	29	29	29	29	U3	3	AR	AR	+ 8	-2.17%	2.14%	6.40%	
	iShares Global REIT ETF	REET	26.34	4,648	12	13	15	15	19	23	26	23	25	27	27	26	28	29	28	23	25	26	U3	9	AR	AR	+ 8	-3.34%	0.30%	6.50%	
	iShares U.S. Real Estate ETF	IYR	99.02	4,585	14	18	18	18	24	27	28	23	29	29	29	29	30	30	29	28	28	28	U3	4	AR	AR	+ 8	-2.23%	1.39%	5.45%	
	iShares Core U.S. REIT ETF	USRT	61.81	3,610	7	12	15	14	19	24	26	22	26	29	28	27	29	29	28	22	24	26	U3	9	AR	AR	+ 8	-2.20%	2.28%	8.67%	
	iShares Select U.S. REIT ETF	ICF	64.77	2,060	7	12	15	14	23	26	28	23	29	29	29	29	30	30	29	29	28	28	U3	4	AR	AR	+ 8	-2.06%	3.81%	8.69%	
	State Street SPDR Dow Jones REIT E	RWR	105.76	1,735	7	12	15	15	18	23	26	20	25	27	27	26	27	27	24	18	15	24	U3	9	AR	AR	+ 8	-2.21%	1.71%	7.79%	
	Fidelity MSCI Real Estate Index ETF	FREL	28.40	1,376	14	17	18	18	24	26	28	23	29	29	29	29	30	29	29	27	28	28	U3	4	AR	AR	+ 8	-2.27%	1.36%	5.45%	
	iShares Residential and Multisector Re	REZ	88.50	836	8	16	17	16	23	27	27	22	28	29	29	27	29	29	22	13	12	24	U3	8	AR	AR	+ 8	-1.19%	3.00%	7.70%	
	iShares Mortgage Real Estate ETF	REM	22.14	573	24	23	23	21	22	18	10	5	14	13	17	19	16	21	15	13	17	24	D1	2	BF	AR	- 4	-2.12%	-2.68%	1.14%	
	VanEck Mortgage REIT Income ETF	MORT	10.50	397	25	23	23	21	22	18	10	5	14	13	14	19	21	15	17	27	21	20	D1	2	BF	AR	- 4	-2.23%	-2.69%	-0.41%	
	Invesco KBW Premium Yield Equity RE	KBWY	16.14	266	10	17	18	19	18	15	15	13	15	16	17	18	16	21	17	19	15	16	U3	8	AR	AR	- 26	-1.47%	-1.14%	8.06%	
	First Trust S&P REIT Index Fund	FRI	29.56	166	7	12	15	15	19	24	27	22	26	29	28	27	28	28	27	22	23	26	U3	8	AR	AR	+ 8	-2.22%	2.04%	8.30%	
	Invesco S&P 500 Equal Weight Real E	RSRP	35.00	99	18	21	22	21	25	29	28	25	30	29	29	30	30	30	30	30	30	29	U3	2	AR	AR	+ 9	-1.95%	0.43%	4.77%	
	Invesco Active U.S. Real Estate Fund	PSR	97.57	50	7	13	16	15	23	26	28	23	28	29	29	29	30	30	29	27	28	28	U3	5	AR	AR	+ 8	-2.09%	3.42%	8.04%	
	Nuveen Short-Term REIT ETF	NURE	29.21	32	14	21	21	20	24	28	26	23	27	29	29	29	30	30	30	29	30	29	U3	5	AR	AR	+ 14	-1.10%	1.01%	4.84%	
	US Diversified Real Estate ETF	PPTY	31.20	25	17	21	22	21	22	27	27	24	26	29	29	29	29	29	29	27	28	29	U3	5	AR	AR	+ 9	-1.95%	-0.93%	3.99%	
EF-34	Technology				27	27	27	27	25	15	14	13	11	11	11	10	10	11	8	9	12	8	D2	1	BF	AR	- 18	-1.93%	-2.28%	-2.43%	
	Vanguard Information Technology ETF	VGT	719.03	108,178	28	29	28	29	29	28	26	24	22	18	16	12	15	13	7	7	11	3	D3	2	BF	BR	- 18	-1.06%	-2.77%	-4.53%	
	State Street Technology Select Sector	XLK	137.29	86,769	28	29	28	28	28	24	23	22	18	15	13	8	10	13	6	6	10	3	D3	1	BF	BR	- 18	-1.06%	-2.72%	-4.31%	
	VanEck Semiconductor ETF	SMH	380.56	43,286	7	4	2	2	3	1	2	1	1	1	2	2	2	1	1	1	2	1	U3	37	BR	AR	- 2	-6.35%	-5.25%	7.80%	
	iShares Semiconductor ETF	SOXX	323.51	20,559	7	3	1	1	1	1	1	1	1	1	2	2	2	1	1	1	3	1	U3	37	BR	AR	- 1	-8.17%	-7.17%	8.18%	
	iShares U.S. Technology ETF	IYW	188.34	19,004	28	29	28	29	29	26	25	24	20	16	12	8	10	13	6	5	7	3	D3	2	BF	BR	- 19	-0.65%	-2.66%	-5.11%	
	Fidelity MSCI Information Technology I	FTEC	214.29	15,493	28	29	28	28	29	28	26	24	21	16	16	11	14	13	7	7	10	3	D3	2	BF	BR	- 18	-1.04%	-2.88%	-4.55%	
	iShares Expanded Tech-Software Sect	IGV	87.97	11,067	30	30	30	30	30	30	30	30	30	30	30	30	30	30	29	30	30	29	D3	13	BF	BF	- 23	7.85%	6.68%	-18.52%	
	First Trust NASDAQ Cybersecurity ETF	CIBR	66.00	9,966	30	30	30	30	30	30	30	30	30	30	30	30	29	29	29	28	29	30	27	D3	10	BF	BF	- 19	4.91%	-1.68%	-10.68%
	iShares Expanded Tech Sector ETF	IGM	122.91	8,094	28	29	28	29	29	24	24	22	18	14	12	7	9	8	4	3	6	3	D3	1	BF	BR	- 19	-1.06%	-2.26%	-4.98%	
	First Trust Dow Jones Internet Index F	FDN	246.33	4,890	30	30	30	30	30	30	30	30	30	30	29	29	29	30	28	29	30	28	D3	13	BF	BF	- 24	1.18%	0.30%	-8.63%	
	Invesco S&P 500 Equal Weight Techn	RSPT	45.55	3,965	26	21	22	19	19	16	15	14	11	13	12	7	7	8	6	9	22	8	U3	13	BR	AR	- 18	-3.45%	-2.65%	-0.87%	
	First Trust NASDAQ Technology Divid	TDIV	96.26	3,639	27	26	25	23	25	24	26	23	20	22	22	19	21	19	9	14	25	14	U3	9	BF	AR	- 23	-2.57%	-2.15%	-1.28%	
	First Trust NASDAQ-100 Technology S	QTEC	221.03	2,763	28	29	28	28	29	22	18	20	15	19	19	16	16	13	7	16	28	12	D3	1	BF	BR	- 18	-1.75%	-3.13%	-5.58%	
	State Street SPDR S&P Semiconducto	XSD	321.86	1,601	28	17	14	6	8	7	4	3	4	4	8	5	5	3	1	2	6	2	U3	10	BR	AR	- 3	-8.31%	-10.30%	-1.85%	
	State Street SPDR NYSE Technology I	XNTK	265.86	1,505	28	29	28	29	29	18	15	14	8	9	7	5	5	6	2	3	7	2	D2	3	BF	AR	- 18	-0.98%	-1.44%	-4.38%	
	First Trust Nasdaq Semiconductor ETF	FTXL	142.38	1,445	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	U3	37	BR	AR	- 1	-8.76%	-7.71%	11.23%	
	First Trust Technology AlphaDEX Fund	FXL	162.24	1,323	28	29	28	28	27	27	20	19	18	22	22	18	18	19	9	22	29	20	D2	3	BF	BR	- 19	-2.08%	-4.05%	-4.61%	
	Invesco Semiconductors ETF	PSI	89.20	1,183	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	U3	36	BR	AR	- 1	-9.90%	-9.16%	11.86%	
	iShares U.S. Tech Independence Focu	IETC	93.26	765	30	30	30	30	30	29	29	28	25	28	23	19	21	22	11	18	28	15	D3	4	BF	BR	- 25	2.55%	0.31%	-8.37%	

			Relative Strength Ranking - RSR																		% Price Δ									
Group or Corp	Ticker	Price	MKT Cap(MM)	03/06	02/27	02/20	02/13	02/06	01/30	01/23	01/16	01/09	01/02	12/31	12/26	12/19	12/12	12/05	11/28	11/21	11/14	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month		
EF-34	Technology																													
	Invesco NASDAQ Internet ETF	PNQI	47.83	564	30	30	30	30	30	30	30	30	29	29	29	27	27	27	23	27	30	27	D3	10	BF	BF	- 23	1.14%	0.31%	-11.83%
	First Trust Indxx NextG ETF	NXTG	114.06	428	8	6	8	6	12	9	10	12	15	9	11	12	15	13	7	9	15	5	U3	13	BR	AR	+ 7	-5.60%	-1.33%	6.95%
	State Street SPDR S&P Software & Se	XSW	156.35	422	30	30	30	30	30	30	30	30	29	30	29	29	28	26	28	30	30	29	D3	11	BF	BF	- 19	3.85%	0.50%	-18.81%
	Invesco S&P SmallCap Information Te	PSCT	58.81	343	16	11	10	6	6	6	3	1	3	4	4	3	2	1	1	1	2	1	U3	36	BR	AR	- 17	-5.67%	-5.47%	-0.06%
	iShares U.S. Digital Infrastructure and	IDGT	95.44	157	3	8	7	6	23	24	28	24	30	28	29	27	27	25	22	18	28	17	U3	7	AR	AR	+ 5	-1.95%	7.82%	11.12%
	State Street SPDR S&P Kensho Futur	FITE	90.05	114	14	25	22	21	20	8	3	2	4	13	16	15	15	9	15	18	26	13	D1	2	BR	AR	- 4	1.83%	0.91%	4.59%
	Invesco Next Gen Connectivity ETF	KNCT	142.72	110	7	8	8	7	9	5	10	8	6	5	6	6	7	8	4	3	5	2	U3	38	AR	AR	- 1	-4.09%	-0.61%	7.97%
	State Street SPDR FactSet Innovative	XITK	153.86	62	30	30	30	30	30	30	29	30	28	30	30	30	30	30	30	30	30	30	D3	6	BF	BF	- 8	1.57%	-0.53%	-14.49%
	State Street SPDR S&P Kensho Smart	HAIL	33.08	19	28	27	25	23	24	26	11	9	8	20	29	23	20	20	15	20	29	17	D2	1	BF	BR	- 5	-4.51%	-6.50%	-2.79%
EF-35	Transportation				16	6	5	6	3	11	9	8	7	8	9	9	8	8	8	12	14	13	U3	19	BR	AR	- 1	-7.83%	-9.75%	-0.28%
	iShares US Transportation ETF	IYT	76.45	1,131	16	10	7	13	6	16	15	10	8	13	14	13	11	6	7	17	25	20	U3	19	BR	AR	- 1	-6.52%	-7.09%	0.29%
	State Street SPDR S&P Transportation	XTN	92.99	285	16	6	3	5	1	6	3	3	3	5	6	5	5	3	4	18	28	27	U3	16	BR	AR	- 1	-9.15%	-12.36%	-0.91%
EF-36	Utilities				12	15	18	18	27	19	21	20	22	17	18	18	19	19	17	11	11	11	U3	2	AR	AR	+ 4	-2.48%	4.05%	6.40%
	State Street Utilities Select Sector SPD	XLU	46.74	24,492	7	11	16	15	28	29	29	28	30	28	29	29	29	29	27	9	8	14	U3	2	AR	AR	+ 4	-2.07%	7.82%	9.95%
	Vanguard Utilities ETF	VPU	201.60	8,716	7	12	17	15	28	29	29	28	30	28	29	28	29	29	27	9	8	14	U3	2	AR	AR	+ 4	-2.07%	7.17%	9.18%
	Fidelity MSCI Utilities Index ETF	FUTY	60.18	2,434	7	12	17	15	28	29	29	28	30	28	29	28	29	29	27	9	8	14	U3	2	AR	AR	+ 4	-2.05%	7.20%	9.18%
	Invesco Water Resources ETF	PHO	69.47	2,051	28	26	27	28	24	28	25	23	26	29	29	29	29	29	28	27	28	28	D2	1	BF	BR	- 1	-4.88%	-6.40%	-2.86%
	First Trust Water ETF	FIW	107.82	1,871	28	25	27	27	23	28	25	23	25	29	29	29	29	29	29	28	28	28	D1	1	BF	BR	- 1	-5.36%	-6.56%	-2.29%
	iShares U.S. Utilities ETF	IDU	118.42	1,480	7	11	17	15	27	29	29	28	30	28	29	29	29	29	28	13	13	18	U3	2	AR	AR	+ 4	-1.89%	7.42%	9.73%
	Virtus Reaves Utilities ETF	UTES	81.76	1,419	23	18	22	22	30	30	30	30	30	29	29	29	30	30	29	12	19	20	U2	2	AR	AR	+ 3	-4.46%	6.36%	3.80%
	First Trust Utilities AlphaDEX Fund	FXU	50.11	844	3	8	12	9	22	22	27	24	28	26	26	27	27	27	25	7	5	10	U3	7	AR	AR	+ 5	-1.75%	6.69%	11.95%
	Invesco S&P 500 Equal Weight Utilities	RSPU	82.48	545	5	9	14	13	25	28	29	26	30	28	29	29	29	29	28	12	8	14	U3	3	AR	AR	+ 4	-2.31%	7.31%	11.03%
	Invesco Dorsey Wright Utilities Momen	PUI	47.25	52	10	14	17	16	27	28	29	29	30	29	29	29	30	29	27	18	19	18	U2	4	AR	AR	+ 4	-2.47%	4.59%	7.26%
	Invesco S&P SmallCap Utilities & Com	PSCU	59.91	14	14	25	25	23	27	22	25	23	26	27	25	26	26	23	28	21	24	23	U3	8	AR	AR	+ 4	2.04%	3.40%	3.22%
GLOBAL/INTL																														
EF-37	Global Index (Intl)				15	12	13	14	14	11	11	12	11	9	9	10	10	11	11	10	9	9	U3	45	BR	AR	- 1	-4.62%	-3.17%	3.34%
	Vanguard FTSE Developed Markets E`	VEA	65.28	206,851	8	6	7	6	8	5	7	8	8	5	7	7	9	13	13	13	14	11	U3	46	BR	AR	- 1	-7.06%	-3.10%	6.25%
	iShares MSCI EAFE ETF	EFA	98.28	72,531	16	9	9	8	12	10	13	11	11	11	11	13	15	16	19	18	21	14	U3	46	BR	AR	- 1	-6.74%	-4.22%	3.69%
	Vanguard Total World Stock ETF	VT	141.93	63,246	22	18	17	18	18	16	16	16	15	13	14	13	16	15	13	12	14	11	U3	38	BR	AR	- 2	-4.00%	-3.09%	1.31%
	iShares Core MSCI Total International	IXUS	87.61	53,065	14	8	7	7	10	7	9	10	9	8	10	10	14	15	15	13	14	10	U3	46	BR	AR	- 1	-6.84%	-3.65%	5.14%
	iShares MSCI ACWI ETF	ACWI	141.68	28,024	24	18	18	19	18	16	17	17	16	13	13	13	16	14	13	11	12	10	U3	38	BR	AR	- 23	-3.87%	-3.14%	0.81%
	iShares Global 100 ETF	IOO	123.91	7,794	26	23	22	23	18	16	19	16	12	6	6	6	7	7	4	3	3	2	D1	1	BF	AR	- 17	-2.88%	-3.91%	-1.10%
	iShares MSCI World ETF	URTH	184.98	6,696	24	22	21	21	20	18	19	19	17	14	14	14	16	15	13	12	14	12	U3	38	BF	AR	- 23	-3.07%	-2.76%	0.21%
	Franklin U.S. Equity Index ETF	USPX	58.81	1,685	26	27	25	27	24	22	23	22	18	16	16	15	16	15	11	8	11	11	D1	2	BF	AR	- 19	-1.15%	-2.68%	-1.44%
	State Street SPDR Portfolio MSCI Glob	SPGM	77.31	1,434	21	17	17	18	18	16	15	15	15	13	12	11	13	13	9	7	9	8	U3	38	BR	AR	- 19	-4.18%	-3.14%	1.15%
	Cambria Shareholder Yield ETF	SYLD	74.89	910	7	13	9	7	7	14	14	12	9	17	20	19	18	9	18	18	24	24	U3	15	AR	AR	+ 15	-1.62%	-3.45%	4.71%
	Cambria Global Value ETF	GVAL	32.85	560	9	4	3	3	4	3	3	5	5	5	4	5	5	6	7	4	3	3	U3	56	BR	AR	- 1	-7.62%	-6.97%	5.68%
	State Street SPDR Global Dow ETF	DGT	172.21	543	13	11	13	12	10	12	14	14	14	11	9	8	9	9	12	9	6	8	U3	45	BR	AR	- 1	-4.60%	-3.23%	3.89%
	Davis Select Worldwide ETF	DWLD	44.99	523	26	22	22	23	19	16	16	17	8	5	4	6	7	8	13	23	5	11	D1	3	BF	AR	- 7	-3.56%	-4.22%	-1.92%
	iShares Currency Hedged MSCI ACWI HAWX		40.96	311	12	8	7	11	10	8	9	7	7	5	6	7	8	9	8	7	5	5	U3	44	BR	AR	- 1	-5.76%	-2.87%	5.34%
	State Street Global Allocation ETF	GAL	50.35	292	18	18	18	19	19	17	19	20	19	16	14	20	19	19	19	24	7	16	U3	40	BR	AR	- 1	-2.82%	-1.60%	2.26%
	Xtrackers MSCI All World ex US Hedge	DBAW	42.79	231	10	8	8	10	10	9	9	7	8	5	6	7	7	9	8	7	5	4	U3	38	BR	AR	- 1	-5.48%	-2.78%	5.13%
	First Trust Developed Markets ex-US S	FDTS	66.45	13	3	1	1	1	3	3	3	5	5	5	5	6	5	7	7	5	6	4	U3	46	AR	AR	+ 9	-7.34%	0.41%	15.76%

		Relative Strength Ranking - RSR																				% Price Δ							
Group or Corp	Ticker	Price	MKT Cap(MM)	03/	02/	02/	02/	02/	01/	01/	01/	01/	01/	12/	12/	12/	12/	12/	11/	11/	11/	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month	
				06	27	20	13	06	30	23	16	09	02	31	26	19	12	05	28	21	14								
EF-38	Ex-US (Intl)			11	7	7	7	8	9	9	11	10	8	9	10	10	12	12	11	10	9	U3	45	BR	AR	- 1	-6.28%	-3.32%	5.43%
	iShares Core MSCI EAFE ETF IEFA	91.87	171,191	16	9	8	8	12	9	11	12	11	12	12	14	16	17	19	18	21	15	U3	46	BR	AR	- 1	-6.56%	-3.96%	4.16%
	Vanguard Total International Stock ETF VXUS	77.98	135,471	14	7	7	7	10	7	8	9	9	6	9	10	14	14	14	13	13	10	U3	46	BR	AR	- 1	-6.96%	-3.79%	5.03%
	Vanguard FTSE All-World ex-US Index VEU	76.18	59,586	14	7	7	7	8	6	8	8	8	6	8	8	14	14	13	13	12	9	U3	46	BR	AR	- 1	-6.89%	-3.80%	5.22%
	Schwab International Equity ETF SCHF	25.14	58,310	8	6	7	6	8	6	7	8	8	5	7	7	9	13	13	13	14	10	U3	46	BR	AR	- 1	-6.99%	-3.20%	6.26%
	State Street SPDR Portfolio Developed SPDW	46.40	37,041	8	6	7	6	8	6	8	8	8	6	7	8	11	13	13	14	14	11	U3	46	BR	AR	- 1	-6.96%	-3.01%	6.10%
	Schwab Fundamental International Equ FNDP	48.77	21,571	4	2	3	2	4	3	4	5	6	4	4	5	5	7	7	7	5	5	U3	46	BR	AR	+ 13	-7.56%	-2.36%	9.62%
	Vanguard FTSE All-World ex-US Small VSS	150.10	10,959	10	7	7	8	12	6	7	11	14	13	13	15	18	20	20	17	25	16	U3	14	BR	AR	+ 10	-6.22%	-2.56%	6.64%
	iShares MSCI ACWI ex U.S. ETF ACWX	69.30	8,857	14	7	7	7	9	7	9	9	9	6	8	8	13	13	13	13	12	8	U3	46	BR	AR	- 1	-6.92%	-3.82%	4.82%
	Xtrackers MSCI EAFE Hedged Equity I DBEF	49.49	8,332	14	10	10	12	13	14	14	8	8	7	8	10	9	13	13	12	7	9	U3	38	BR	AR	- 1	-5.43%	-2.87%	4.32%
	iShares Currency Hedged MSCI EAFE HEFA	42.56	6,927	14	10	10	12	13	14	14	8	8	6	8	10	8	13	13	12	6	9	U3	44	BR	AR	- 1	-5.49%	-2.94%	4.17%
	Goldman Sachs ActiveBeta Internation GSIE	43.80	5,164	16	10	11	11	13	12	14	14	14	11	11	11	14	16	20	18	22	16	U3	46	BR	AR	- 1	-6.11%	-3.72%	3.49%
	iShares International Equity Factor ETF INTF	39.05	3,128	10	7	7	6	8	6	9	9	8	5	6	7	9	12	13	13	14	12	U3	46	BR	AR	- 1	-6.17%	-3.68%	5.05%
	State Street SPDR MSCI ACWI ex-US CWI	37.05	2,427	14	8	7	7	10	8	9	10	9	5	8	8	10	13	13	12	11	8	U3	46	BR	AR	- 1	-6.96%	-3.74%	4.45%
	Franklin International Core Dividend Til DIVI	40.10	2,282	13	8	7	6	8	6	9	10	9	10	6	8	7	10	13	14	15	14	U3	46	BR	AR	- 1	-6.64%	-4.52%	4.45%
	Pacer Developed Markets International ICOW	41.89	1,640	3	6	8	9	11	9	9	11	10	8	8	10	9	10	10	12	6	9	U3	44	AR	AR	- 53	-6.35%	-0.88%	8.88%
	NYLI FTSE International Equity Curren HFXI	34.02	1,395	8	5	7	6	8	5	7	6	6	5	6	6	8	9	13	11	6	8	U3	45	BR	AR	- 1	-7.00%	-2.94%	6.55%
	WisdomTree Dynamic International Equ DDWM	44.74	1,280	14	9	10	12	13	13	14	10	11	11	11	15	14	17	19	15	11	15	U3	46	BR	AR	- 1	-6.05%	-3.24%	4.42%
	John Hancock Multifactor Developed Ir JHMD	42.74	1,128	13	8	7	6	8	6	11	10	10	9	7	15	15	18	20	27	5	17	U3	45	BR	AR	- 1	-6.52%	-3.93%	5.46%
	State Street SPDR S&P International S GWX	43.75	862	7	5	7	6	8	5	6	10	12	12	11	13	16	15	17	13	24	16	U3	14	BR	AR	+ 10	-5.77%	-0.91%	8.63%
	WisdomTree International Equity Fund DWM	71.08	654	13	8	8	9	12	10	14	14	15	12	12	15	16	18	20	18	21	16	U3	46	BR	AR	+ 12	-6.21%	-3.17%	4.91%
	FlexShares Morningstar Developed Ma TLTD	96.05	615	9	6	7	6	8	6	7	8	8	5	6	6	8	13	13	12	14	11	U3	46	BR	AR	- 1	-6.44%	-3.44%	5.83%
	Invesco International BuyBack Achieve IPKW	56.30	538	14	10	8	9	7	5	9	8	9	5	4	6	5	8	13	8	11	8	U3	19	BR	AR	- 1	-5.59%	-5.18%	3.42%
	WisdomTree Dynamic International Srr DDLS	44.80	457	9	10	10	12	14	14	11	13	14	13	12	19	16	20	20	16	19	18	U3	15	BR	AR	+ 11	-4.46%	-1.80%	6.27%
	Vident International Equity Strategy ET VIDI	36.04	411	6	4	3	4	4	3	3	5	6	5	4	5	5	7	7	5	4	3	U3	46	BR	AR	- 1	-6.66%	-3.17%	8.77%
	Invesco RAFI Developed Markets ex-U PDN	44.55	381	8	6	7	6	8	6	7	10	11	13	11	14	15	16	18	14	19	15	U3	15	BR	AR	+ 10	-6.25%	-2.43%	7.20%
	Davis Select International ETF DINT	27.32	270	28	20	19	20	18	13	11	12	8	4	6	16	15	15	20	27	4	11	D1	1	BF	AR	- 4	-6.25%	-6.66%	-1.41%
	VanEck Morningstar International Moat MOTI	35.70	193	28	23	22	21	21	17	14	16	15	19	19	20	21	20	20	23	26	17	D1	1	BF	BR	- 3	-5.83%	-6.30%	-2.43%
	iShares Currency Hedged MSCI EAFE HSCZ	40.58	189	8	10	10	12	13	13	10	8	8	11	9	13	11	15	15	9	9	11	U3	45	BR	AR	- 1	-4.48%	-1.76%	6.34%
	First Trust International Equity Opportu FPXI	63.32	161	13	6	7	6	13	11	8	15	16	20	24	19	22	20	21	18	29	16	U3	13	BR	AR	+ 8	-7.16%	-2.94%	5.80%
	First Trust Riverfront Dynamic Develop RFDI	82.81	146	13	8	7	7	8	5	9	10	10	5	6	7	9	13	14	13	14	12	U3	46	BR	AR	- 1	-6.09%	-4.45%	4.83%
	AdvisorShares Dorsey Wright ADR ETI AADR	85.79	51	27	12	9	11	13	8	5	7	13	13	15	13	19	19	20	13	28	18	U3	14	BF	AR	- 1	-9.22%	-8.02%	0.57%
	Renaissance International IPO ETF IPOS	19.40	9	3	5	3	2	8	3	3	6	5	16	19	12	20	20	20	24	29	16	U3	12	AR	AR	+ 9	-2.76%	2.80%	15.82%
EF-39	Dividend (Intl)			8	10	9	9	10	10	12	13	12	9	9	10	10	12	11	11	9	10	U3	45	BR	AR	- 1	-4.57%	-2.69%	5.29%
	Vanguard International High Dividend VYMI	94.60	17,976	7	4	4	4	5	4	7	8	9	5	5	6	7	8	10	11	7	8	U3	46	BR	AR	+ 14	-6.42%	-3.54%	6.97%
	Vanguard International Dividend Appre VIGI	91.13	8,742	26	18	18	17	20	23	22	22	20	20	19	20	21	24	25	26	28	25	U3	16	BF	AR	- 1	-5.31%	-3.26%	0.44%
	Fidelity High Dividend ETF FDVV	57.39	8,637	19	20	17	18	17	18	24	22	23	16	17	18	20	17	17	12	12	14	U3	37	BR	AR	- 1	-2.76%	-3.74%	1.37%
	Franklin International Low Volatility Hi LVHI	39.51	4,460	3	8	9	10	10	10	12	11	11	8	8	10	10	11	10	10	7	10	U3	43	AR	AR	- 170	-4.60%	-0.78%	9.76%
	Pacer Global Cash Cows Dividend ETF GCOW	45.27	3,149	3	7	9	8	9	8	11	14	13	9	9	12	11	13	12	13	9	13	U3	43	AR	AR	- 54	-3.90%	-0.20%	12.60%
	Xtrackers MSCI EAFE High Dividend Y HDEF	32.31	2,270	8	7	8	8	8	14	19	21	21	13	12	16	15	19	20	18	12	16	U3	19	BR	AR	+ 14	-5.44%	-2.71%	5.76%
	WisdomTree International Hedged Quæ IHDG	48.96	2,240	19	14	14	15	15	14	14	8	8	9	11	14	14	15	18	16	14	16	U3	29	BR	AR	- 1	-5.28%	-4.24%	1.67%
	Global X Superdividend ETF SDIV	25.46	1,274	5	12	14	13	13	10	10	12	13	12	12	14	12	13	12	13	7	10	U3	43	AR	AR	- 41	-2.19%	-1.40%	8.53%
	First Trust Dow Jones Global Select Div FGD	31.88	1,231	7	5	3	4	6	5	10	13	13	5	6	6	7	8	7	7	6	5	U3	46	BR	AR	+ 7	-6.04%	-3.04%	6.30%
	iShares International Dividend Growth IIGRO	84.65	1,185	16	11	12	11	13	14	15	14	15	13	14	16	17	20	20	20	21	18	U3	29	BR	AR	- 1	-6.05%	-3.81%	3.58%
	FlexShares International Quality Divide IQDF	31.92	1,041	7	6	7	6	6	4	6	6	7	5	6	6	7	9	9	11	6	5	U3	46	BR	AR	- 1	-5.83%	-3.65%	6.80%

		Relative Strength Ranking - RSR																				% Price Δ							
Group or Corp	Ticker	Price	MKT Cap(MM)	03/06	02/27	02/20	02/13	02/06	01/30	01/23	01/16	01/09	01/02	12/31	12/26	12/19	12/12	12/05	11/28	11/21	11/14	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month	
EF-39	Dividend (Intl)																												
	WisdomTree International SmallCap Di DLS	84.67	1,029	8	8	8	8	13	10	10	14	15	13	12	18	19	20	21	18	25	20	U3	15	BR	AR	+ 11	-5.13%	-1.97%	6.80%
	Invesco International Dividend Achieve PID	22.94	911	10	12	14	14	16	16	14	18	21	16	16	18	19	18	18	16	13	15	U3	46	AR	AR	+ 8	-3.29%	-0.78%	4.59%
	WisdomTree International Quality Divid IQDG	41.36	705	24	13	13	14	14	12	11	10	9	12	11	16	17	19	21	22	27	20	U3	29	BF	AR	- 1	-6.45%	-5.42%	1.06%
	Fidelity Dividend ETF for Rising Rates FDRR	60.60	661	23	22	20	20	18	16	20	19	16	12	9	8	12	8	7	5	5	7	U3	37	BF	AR	- 23	-2.04%	-3.90%	-0.88%
	Cambria Foreign Shareholder Yield ET FYLD	36.59	598	3	2	3	2	4	3	6	8	9	5	7	8	10	9	8	8	5	7	U3	19	AR	AR	+ 10	-3.91%	-0.05%	13.50%
	ALPS International Sector Dividend Do IDOG	40.79	490	5	6	7	6	6	6	9	14	10	5	4	6	5	6	7	7	5	4	U3	46	AR	AR	+ 7	-4.67%	-1.64%	6.72%
	Fidelity International High Dividend ETF FIDI	27.32	290	7	6	7	6	7	6	10	10	10	5	6	6	7	8	13	12	14	10	U3	46	BR	AR	+ 14	-5.24%	-2.39%	6.61%
	State Street SPDR S&P Global Divider WDIV	78.93	255	8	10	8	7	8	10	15	17	17	13	12	16	18	18	20	15	10	14	U3	49	BR	AR	+ 12	-4.17%	-2.87%	5.84%
	Global X SuperDividend REIT ETF SRET	22.18	220	14	18	19	18	18	15	14	13	15	12	13	14	14	15	13	14	10	12	U3	42	BR	AR	- 53	-2.56%	-1.35%	4.16%
	First Trust S&P International Dividend / FID	21.46	150	8	9	8	8	10	9	14	16	18	13	11	13	16	19	19	14	9	12	U3	50	BR	AR	+ 12	-4.41%	-2.13%	6.53%
	Franklin U.S. Core Dividend Tilt Index F IDIV	53.10	109	24	23	22	22	19	18	21	20	18	17	16	15	16	15	11	9	12	11	U3	37	BF	AR	- 23	-2.09%	-2.93%	0.17%
	FlexShares International Quality Divide IQDY	37.88	95	10	6	7	6	5	3	4	5	6	4	4	5	5	7	7	7	6	3	U3	46	BR	AR	- 1	-6.58%	-5.05%	5.06%
	First Trust Dorsey Wright Momentum & DDIV	40.76	63	26	20	16	16	13	14	15	8	9	6	9	6	7	8	10	13	19	20	D1	1	BF	AR	- 2	-4.66%	-7.19%	-2.19%
	ProShares MSCI EAFE Dividend Grow EFAD	41.82	61	26	18	22	21	24	25	26	26	25	28	28	27	28	29	29	29	29	28	U3	11	BR	AR	+ 9	-5.09%	-1.77%	1.14%
	WisdomTree International AI Enhancer AIVI	54.06	59	8	5	6	5	6	6	11	14	16	9	7	12	14	15	20	18	21	16	U3	19	BR	AR	+ 13	-7.02%	-4.43%	6.14%
	Global X MSCI SuperDividend EAFE E EFAS	20.55	43	4	9	11	12	13	10	15	17	14	10	9	13	14	16	15	17	11	14	U3	14	AR	AR	- 54	-4.53%	-0.88%	10.95%
	Global X Renewable Energy Producers RNRG	36.16	28	4	8	7	6	7	4	5	8	8	5	8	15	7	8	6	8	2	2	U3	42	AR	AR	+ 7	-2.16%	-0.47%	9.55%
EF-40	Thematic/Multi-Factor (Intl)			10	8	8	8	10	10	11	12	11	9	9	10	10	12	12	12	11	10	U3	46	BR	AR	- 1	-5.72%	-2.87%	5.15%
	iShares MSCI EAFE Value ETF EFV	74.18	29,257	8	5	6	6	5	5	9	8	9	5	4	6	6	8	11	11	7	6	U3	46	BR	AR	- 1	-7.00%	-4.70%	5.60%
	iShares MSCI EAFE Small-Cap ETF SCZ	80.86	13,746	11	8	8	8	12	10	10	13	14	13	15	18	19	20	21	18	25	18	U3	15	BR	AR	+ 11	-5.67%	-2.85%	5.94%
	iShares MSCI Intl Quality Factor ETF IQLT	46.70	12,109	16	10	12	13	15	12	13	12	14	13	14	16	19	20	21	21	24	18	U3	29	BR	AR	- 1	-6.02%	-2.83%	4.07%
	iShares MSCI EAFE Growth ETF EFG	114.95	9,472	26	14	15	15	18	16	15	16	15	19	21	20	22	25	23	27	28	20	U3	12	BR	AR	- 1	-6.55%	-3.80%	1.81%
	iShares MSCI EAFE Min Vol Factor ET EFAV	90.82	5,476	8	10	12	11	15	17	21	23	23	20	19	20	21	24	27	26	24	20	U3	19	AR	AR	+ 12	-4.27%	-0.82%	6.53%
	Schwab International Small-Cap Equity SCHC	48.34	5,279	7	6	7	6	8	5	5	9	9	12	11	11	15	17	18	13	24	17	U3	15	BR	AR	+ 11	-6.21%	-1.81%	8.12%
	iShares MSCI Intl Value Factor ETF IVLU	39.62	3,792	7	4	4	3	4	3	5	5	6	4	4	4	5	6	7	5	5	5	U3	46	BR	AR	- 1	-7.47%	-5.42%	5.39%
	iShares MSCI Intl Momentum Factor E IMTM	48.72	3,581	18	9	8	11	12	7	9	8	9	9	11	10	14	15	19	18	24	14	U3	19	BR	AR	- 1	-7.57%	-5.01%	2.75%
	iShares Future Exponential Technologi XT	69.71	3,496	24	19	18	18	18	13	11	10	8	9	7	6	7	7	6	5	6	3	U3	37	BF	AR	- 18	-3.86%	-2.81%	0.10%
	iShares MSCI Global Min Vol Factor E1ACVV	122.25	3,472	17	18	22	20	23	25	27	27	27	28	28	26	26	28	28	27	24	25	U3	16	AR	AR	+ 7	-2.36%	-0.51%	3.02%
	Invesco S&P International Developed I IDMO	56.45	3,204	14	10	9	14	13	8	10	10	9	5	6	6	7	13	18	17	23	14	U3	19	BR	AR	- 1	-5.76%	-3.34%	3.38%
	Schwab Fundamental International Sm FNDC	47.09	3,183	8	6	7	6	8	6	8	11	14	13	14	15	17	19	19	17	22	17	U3	15	BR	AR	+ 12	-6.81%	-2.65%	7.07%
	First Trust Developed Markets ex-US A FDT	88.64	1,098	3	1	1	1	3	3	3	4	4	5	4	5	5	6	7	4	5	3	U3	46	BR	AR	+ 9	-8.88%	-1.51%	12.57%
	State Street SPDR MSCI EAFE Strateg QEFA	93.94	1,029	13	8	9	8	12	10	14	14	15	13	12	15	16	19	20	19	19	16	U3	46	BR	AR	+ 13	-5.83%	-3.05%	4.86%
	Invesco S&P International Developed I IDHQ	36.61	657	13	6	7	6	8	5	8	8	7	9	11	12	16	19	18	18	18	15	U3	31	BR	AR	- 1	-7.88%	-4.21%	5.86%
	iShares International SmallCap Equity IISCF	43.20	596	10	9	10	11	12	7	8	10	13	13	14	16	18	20	20	19	27	20	U3	14	BR	AR	- 1	-5.45%	-2.99%	5.95%
	Fidelity International Value Factor ETF FIVA	35.42	514	7	4	4	4	4	3	3	5	4	4	3	4	5	6	7	6	6	5	U3	46	BR	AR	- 1	-6.96%	-5.12%	5.49%
	State Street SPDR MSCI EAFE Fossil EFAX	50.81	478	21	11	12	12	14	13	14	13	13	12	15	16	17	20	20	24	16	U3	46	BR	AR	- 1	-7.07%	-5.01%	2.00%	
	PIMCO RAFI Dynamic Multi-Factor Inte MFDX	40.26	427	8	6	7	6	8	6	9	10	10	9	7	16	16	19	18	25	6	17	U3	45	BR	AR	+ 11	-6.20%	-3.15%	7.32%
	JPMorgan Diversified Return Internatio JPIN	71.83	359	8	6	7	6	8	8	11	16	15	13	12	14	16	17	18	15	14	12	U3	46	BR	AR	+ 9	-6.46%	-2.22%	6.73%
	Invesco S&P International Developed I IDLV	35.18	341	10	11	14	13	16	18	21	24	23	19	19	19	21	23	27	23	24	23	U3	16	BR	AR	+ 13	-4.62%	-1.33%	5.37%
	VictoryShares International Value Mom UIVM	68.22	310	7	3	3	4	5	5	7	9	9	5	6	7	9	12	15	13	12	9	U3	53	BR	AR	+ 12	-7.74%	-3.63%	7.56%
	Alpha Architect International Quantitati IVAL	34.04	200	4	3	3	2	4	5	8	10	9	7	7	7	9	13	15	12	12	10	U3	16	BR	AR	+ 10	-7.30%	-3.65%	9.96%
	State Street SPDR MSCI World Strateg QWLD	146.29	183	16	16	17	17	17	17	19	20	19	17	16	18	19	19	19	16	15	17	U3	41	BR	AR	- 1	-3.31%	-2.43%	2.55%
	ProShares DJ Brookfield Global Infrast TOLZ	60.84	176	3	5	7	6	15	16	23	25	28	22	23	26	27	27	25	22	23	20	U3	19	AR	AR	+ 8	-1.93%	5.22%	13.13%
	iShares Global Equity Factor ETF GLOF	53.18	165	20	18	17	18	18	16	19	19	17	15	14	16	16	16	13	12	14	11	U3	39	BR	AR	- 1	-3.76%	-2.91%	1.57%
	Alpha Architect International Quantitati IMOM	41.49	141	3	1	2	2	4	3	3	1	1	4	4	4	4	6	7	5	5	2	U3	46	BR	AR	- 1	-8.33%	-2.36%	10.95%

			Relative Strength Ranking - RSR																		% Price Δ									
Group or Corp	Ticker	Price	MKT Cap(MM)	03/06	02/27	02/20	02/13	02/06	01/30	01/23	01/16	01/09	01/02	12/31	12/26	12/19	12/12	12/05	11/28	11/21	11/14	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month		
EF-40 Thematic/Multi-Factor (Intl)	ProShares Online Retail ETF	ONLN	54.90	63	30	30	30	30	29	17	16	11	20	19	18	16	11	11	8	17	14	D3	3	BF	BR	- 6	-1.44%	-2.75%	-8.82%	
	Affinity World Leaders Equity ETF	WLDR	37.65	62	7	6	7	6	6	4	9	7	6	5	5	5	5	7	7	7	12	10	U3	15	BR	AR	- 1	-4.54%	-2.90%	7.15%
	Hartford Multifactor Small Cap ETF	ROSC	48.84	50	10	13	12	11	8	12	10	7	8	13	9	6	5	6	8	7	7	15	U3	16	BR	AR	- 1	-2.94%	-4.62%	1.70%
	AXS Knowledge Leaders ETF	KNO	53.68	39	13	8	8	8	14	11	14	16	15	17	19	20	21	23	22	22	26	20	U3	16	BR	AR	+ 10	-6.03%	-2.85%	5.61%
	Alpha Architect Global Factor Equity E1 AAVM		31.64	21	6	4	4	4	4	5	4	5	5	5	4	7	8	13	11	23	5	12	U3	37	BR	AR	+ 13	-6.71%	-3.08%	9.51%
	Abacus FCF International Leaders ETF ABLG		30.89	18	27	18	21	19	20	18	16	18	17	16	12	19	20	19	21	29	14	25	U3	26	BF	BR	- 1	-6.29%	-4.79%	-2.53%
	First Trust Horizon Managed Volatility C HDMV		37.07	17	9	8	11	8	13	16	19	24	23	20	20	21	23	27	28	27	27	23	U3	19	BR	AR	+ 12	-5.42%	-2.47%	6.83%
SECTORS (Intl)																														
EF-41 Consumer Disc. (Intl)	iShares Global Consumer Discretionary RXI		195.32	264	30	29	28	29	28	16	14	15	11	11	11	11	11	12	12	13	11	9	D2	3	BF	BR	- 6	-5.11%	-7.03%	-7.31%
	Amplify Online Retail ETF	IBUY	65.56	128	28	27	28	28	26	25	21	23	17	20	19	17	16	15	18	18	24	17	D2	1	BF	BR	- 20	-4.82%	-5.19%	-5.41%
					30	30	30	30	30	29	28	26	20	26	18	20	19	22	23	30	26	25	D3	5	BF	BF	- 7	-1.12%	-4.74%	-11.77%
	KraneShares Emerging Markets Const. KEMQ		22.98	49	30	26	22	23	19	5	5	6	6	5	12	14	16	15	8	6	5	2	D2	1	BF	BR	- 4	-9.38%	-11.34%	-5.12%
EF-42 Communications (Intl)					30	30	30	30	29	17	19	22	17	14	16	16	16	15	13	15	12	13	D3	4	BF	BR	- 23	-3.28%	-5.06%	-8.16%
	iShares Global Comm Services ETF	IXP	119.96	630	26	25	26	28	25	16	25	28	23	20	16	19	20	20	8	8	9	18	D1	2	BF	AR	- 23	-1.88%	-1.30%	0.35%
	Global X Social Media ETF	SOCL	47.02	101	30	30	30	30	30	29	27	29	26	28	30	30	30	28	29	30	28	20	D3	5	BF	BR	- 6	-4.67%	-8.73%	-16.18%
EF-43 Consumer Staples (Intl)					4	5	4	4	6	11	13	15	17	16	17	18	18	18	19	18	16	17	U3	8	AR	AR	+ 14	-4.71%	-1.67%	10.09%
	iShares Global Consumer Staples ETF KXI		69.39	1,003	8	6	9	6	8	17	20	23	27	29	28	27	27	27	29	29	28	29	U3	8	AR	AR	+ 16	-5.67%	-3.46%	6.61%
	iShares MSCI Agriculture Producers E1 VEGI		45.01	113	3	3	2	2	6	7	14	17	25	29	29	29	29	29	29	30	30	29	U3	7	AR	AR	+ 14	-3.37%	1.42%	14.81%
	First Trust Indxx Global Agriculture ETF FTAG		28.67	13	6	6	4	4	6	10	11	16	23	23	27	28	28	27	29	29	29	28	U3	8	BR	AR	+ 14	-5.08%	-2.98%	8.86%
EF-44 Energy (Intl)					1	3	3	3	4	7	11	13	15	11	13	14	14	12	10	8	7	6	U3	8	AR	AR	+ 7	0.80%	5.32%	18.56%
	iShares Global Energy ETF	IXC	52.62	2,344	1	1	2	2	3	3	6	10	19	13	18	23	26	19	15	14	6	5	U3	19	AR	AR	+ 9	1.56%	7.59%	25.17%
	iShares U.S. Power Infrastructure ETF	POWR	25.78	119	7	8	10	11	18	18	26	25	30	26	29	27	28	28	22	12	21	16	U3	7	AR	AR	+ 6	-3.52%	2.46%	8.82%
	VanEck Oil Refiners ETF	CRAK	46.82	91	1	3	3	2	2	3	4	8	10	13	15	19	15	6	3	2	1	1	U3	7	AR	AR	+ 6	4.37%	5.76%	21.85%
EF-45 Financials (Intl)					28	28	27	27	22	14	16	14	12	9	9	10	11	13	14	16	15	14	D2	1	BF	BR	- 5	-3.42%	-8.04%	-5.94%
	iShares Global Financials ETF	IXG	114.83	597	28	24	22	23	18	17	21	18	15	9	8	6	11	13	20	20	25	19	D1	2	BF	BR	- 6	-4.13%	-7.01%	-3.85%
	Davis Select Financial ETF	DFNL	45.53	444	27	25	18	19	13	15	16	10	6	4	3	5	5	9	15	22	7	15	D1	2	BF	AR	- 6	-3.13%	-8.43%	-2.22%
	Invesco Global Listed Private Equity E1 PSP		58.56	242	30	30	30	30	30	28	25	20	23	27	29	28	29	29	29	30	30	30	D3	1	BF	BF	- 5	-3.01%	-8.74%	-11.84%
EF-46 Healthcare (Intl)					26	16	19	18	18	11	8	9	8	8	7	7	8	7	6	4	4	8	D1	1	BF	AR	- 6	-5.52%	-3.12%	-1.94%
	iShares Global Healthcare ETF	IXJ	96.43	3,968	20	14	17	15	15	14	9	10	6	5	4	5	5	6	7	2	2	3	U3	27	BF	AR	- 6	-5.19%	-3.92%	0.09%
	ARK Genomic Revolution ETF	ARKG	28.12	1,116	28	24	28	29	29	14	3	3	6	13	11	6	5	3	1	1	1	14	D2	3	BF	AR	- 6	-6.20%	-2.33%	-6.89%
	Global X Aging Population ETF	AGNG	36.37	85	16	12	14	12	14	13	11	10	8	7	4	6	7	6	3	4	2	15	U3	36	BR	AR	- 1	-5.16%	-3.18%	0.64%
EF-47 Materials (Intl)					2	1	1	1	1	2	2	3	3	3	2	2	3	3	3	4	3	4	U3	50	AR	AR	- 1	-8.77%	1.15%	17.36%
	VanEck Gold Miners ETF	GDX	101.38	32,067	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	U3	53	AR	AR	- 1	-12.48%	4.10%	19.21%
	VanEck Junior Gold Miners ETF	GDXJ	136.17	10,592	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	U3	16	AR	AR	- 1	-12.82%	5.92%	21.88%
	Global X Copper Miners ETF	COPX	79.95	7,345	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	U3	37	BR	AR	- 1	-16.46%	-5.59%	20.31%
	FlexShares Morningstar Global Upstream GUNR		53.58	7,215	2	1	2	2	4	3	3	4	6	5	6	5	7	7	8	7	8	5	U3	45	AR	AR	+ 14	-3.70%	3.86%	18.15%
	Global X Uranium ETF	URA	48.78	6,808	16	4	3	6	4	1	1	1	1	5	15	18	10	3	8	29	2	1	U3	9	BR	AR	- 1	-10.23%	-6.48%	6.65%
	Global X Silver Miners ETF	SIL	101.23	6,300	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	U3	14	AR	AR	- 1	-14.23%	3.94%	34.51%
	Amplify Junior Silver Miners ETF	SILJ	34.02	5,227	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	U3	48	AR	AR	- 1	-15.58%	3.81%	35.07%
	iShares MSCI Global Gold Miners ETF	RING	87.20	3,597	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	U3	53	AR	AR	- 1	-12.29%	4.93%	20.12%

		Relative Strength Ranking - RSR																				% Price Δ							
Group or Corp	Ticker	Price	MKT Cap(MM)	03/	02/	02/	02/	02/	01/	01/	01/	01/	01/	12/	12/	12/	12/	12/	11/	11/	11/	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month	
				06	27	20	13	06	30	23	16	09	02	31	26	19	12	05	28	21	14								
EF-47 Materials (Intl)																													
	VanEck Rare Earth and Strategic Meta REMX	92.53	2,834	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	U3	35	AR	AR	- 1	-7.34%	6.81%	30.03%
	iShares MSCI Global Metals & Mining F PICK	57.37	1,879	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	U3	38	BR	AR	- 1	-10.83%	-3.22%	17.17%
	Direxion Daily Gold Miners Index Bull 2 NUGT	237.02	1,375	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	U3	16	BR	AR	- 1	-24.40%	4.94%	29.56%
	iShares MSCI Global Silver Miners ETF SLVP	39.86	1,168	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	U3	52	BR	AR	- 1	-16.10%	-1.36%	22.17%
	Direxion Daily Junior Gold Miners Index JNUG	268.06	709	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	U3	15	BR	AR	- 1	-24.91%	7.84%	52.15%
	Sprott Junior Gold Miners ETF SGDJ	100.25	384	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	U3	60	AR	AR	- 1	-13.12%	5.43%	23.72%
	iShares Global Materials ETF MXI	106.35	356	3	1	2	1	4	3	3	3	4	5	6	4	7	8	13	12	23	16	U3	15	BR	AR	+ 14	-8.74%	-2.10%	11.69%
	U.S. Global GO GOLD and Precious M GOAU	49.96	219	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	U3	16	AR	AR	+ 8	-11.13%	6.05%	16.96%
	VanEck Steel ETF SLX	91.25	190	3	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	U3	38	BR	AR	- 1	-9.72%	-7.12%	8.84%
	Global X Gold Explorers ETF GOEX	95.06	166	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	U3	30	AR	AR	- 1	-12.12%	5.63%	28.29%
	First Trust Indxx Global Natural Resour FTRI	18.06	135	3	1	2	2	5	3	3	3	5	6	10	6	15	15	19	18	24	16	U3	15	AR	AR	+ 12	-5.17%	3.34%	17.02%
	Direxion Daily Gold Miners Index Bear DUST	45.08	113	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	D3	51	BF	BF	+ 102	27.34%	-14.13%	-47.81%
	Amplify Lithium & Battery Technology E BATT	14.60	110	5	1	2	2	2	1	1	1	1	1	1	1	1	1	1	2	1	1	U3	36	BR	AR	- 5	-10.21%	-3.76%	7.51%
	Direxion Daily Junior Gold Miners Index JDST	29.81	40	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	D3	58	BF	BF	+ 118	28.49%	-18.99%	-53.85%
	Invesco MSCI Global Timber ETF CUT	29.76	37	17	12	11	6	15	24	15	18	18	26	28	29	30	30	30	30	30	30	U3	6	BR	AF	+ 15	-6.01%	-4.73%	4.57%
EF-48 Manufacturing (Intl)																													
	iShares Global Industrials ETF EXI	189.13	1,210	8	5	6	4	5	6	6	6	7	7	7	8	8	9	8	9	10	7	U3	38	BR	AR	- 1	-6.51%	-3.61%	6.85%
	First Trust S-Network Future Vehicles & CARZ	81.27	45	7	6	7	6	7	8	11	8	13	16	19	19	20	19	22	24	28	20	U3	13	BR	AR	+ 10	-5.37%	-2.73%	7.66%
				10	4	4	4	4	3	3	1	1	1	2	3	2	3	2	2	3	1	U3	37	BR	AR	- 1	-7.65%	-4.50%	5.95%
EF-49 Real Estate (Intl)																													
	Vanguard Global ex-U.S. Real Estate FVNQI	47.62	3,654	16	16	17	17	19	15	15	13	13	11	11	10	9	16	16	13	11	10	U3	11	BR	AR	- 1	-3.52%	-0.58%	6.76%
	State Street SPDR Dow Jones Global I RWO	48.13	1,198	16	11	10	11	16	17	21	20	21	23	23	23	26	27	28	23	25	20	U3	13	BR	AR	+ 9	-6.09%	-2.76%	5.11%
	FlexShares Global Quality Real Estate GQRE	63.20	360	8	12	14	14	18	22	25	20	23	26	26	23	26	27	25	19	19	20	U3	9	AR	AR	+ 8	-3.28%	0.82%	7.15%
	State Street SPDR Dow Jones Internat RWX	28.66	292	7	11	14	14	18	19	24	19	24	27	27	27	28	29	29	26	27	27	U3	10	AR	AR	+ 9	-3.09%	1.06%	8.19%
	Amplify Alternative Harvest ETF MJJ	25.90	129	18	12	14	15	18	17	21	20	20	19	19	20	23	26	28	21	24	19	U3	49	BR	AR	+ 9	-5.85%	-2.35%	4.21%
	First Trust Alerian Disruptive Technolog DTRE	40.98	16	30	30	30	30	30	30	29	27	20	5	3	1	1	30	30	30	21	1	D3	6	BF	BR	- 19	-0.23%	-2.41%	1.95%
	WisdomTree New Economy Real Estate WTRE	22.70	15	14	14	17	17	23	24	26	22	25	27	25	26	28	28	29	28	28	28	U3	10	AR	AR	+ 9	-3.57%	0.99%	4.42%
	ALPS REIT Dividend Dogs ETF RDOG	38.25	11	18	14	17	14	19	12	10	5	16	18	23	23	25	19	17	13	19	13	U3	9	BR	AR	- 1	-4.38%	-0.53%	5.73%
				8	14	17	16	18	21	19	15	23	26	24	27	26	26	29	24	24	25	U3	11	AR	AR	+ 11	-1.65%	0.14%	6.59%
EF-50 Technology (Intl)																													
	iShares Global Tech ETF IXN	103.39	6,390	29	29	29	29	29	21	18	18	15	14	13	13	12	12	11	14	11	8	D3	4	BF	BR	- 19	-2.13%	-2.00%	-6.37%
	Global X Robotics & Artificial Intelligence BOTZ	36.09	3,286	26	23	22	23	23	18	18	17	15	12	11	7	14	14	7	7	9	3	D1	1	BF	AR	- 18	-3.16%	-2.78%	0.02%
	First Trust Cloud Computing ETF SKYY	113.17	2,478	26	13	14	15	19	16	14	8	7	12	11	19	11	7	21	29	6	5	U3	11	BF	AR	- 1	-7.51%	-3.71%	-1.43%
	iShares Future AI & Tech ETF ARTY	47.98	2,182	30	30	30	30	30	30	30	30	30	29	28	22	21	22	20	27	29	14	D3	8	BF	BF	- 18	3.21%	0.44%	-14.04%
	Amplify Cybersecurity ETF HACK	77.77	1,964	26	18	16	15	16	5	4	5	7	4	7	6	9	7	2	4	12	3	D1	1	BF	AR	- 5	-5.94%	-5.33%	0.27%
	Global X Lithium & Battery Tech ETF LIT	68.97	1,628	29	30	30	30	30	30	30	30	30	30	30	30	30	29	29	30	28	25	D3	11	AF	BF	- 22	6.30%	3.29%	-7.66%
	ARK Next Generation Internet ETF ARKW	127.71	1,622	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	U3	32	BR	AR	- 6	-8.53%	-2.98%	10.04%
	Amplify Blockchain Technology ETF BLOK	52.12	980	30	30	30	30	30	30	30	30	30	30	30	30	30	30	29	30	30	27	D3	11	BF	BR	- 29	2.21%	3.01%	-16.34%
	First Trust Nasdaq Artificial Intelligen ROBT	49.02	649	30	30	29	29	29	29	25	21	16	27	28	23	25	20	13	22	29	17	D3	3	BF	BR	- 19	-3.56%	-4.24%	-7.47%
	Global X FinTech ETF FINX	25.17	214	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	D3	16	BF	BF	- 30	3.07%	1.92%	-16.81%
	Global X Internet of Things ETF SNSR	38.16	196	25	16	17	19	24	29	28	28	28	29	29	29	27	23	30	30	30	29	U3	3	BR	AR	+ 8	-6.03%	-1.77%	-0.63%
	Amplify Digital Payments ETF IPAY	45.64	176	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	D3	7	BF	BF	- 6	1.00%	-3.13%	-11.64%
	Innovator Deepwater Frontier Tech ETILQUP	72.90	164	28	29	27	28	29	19	7	5	4	4	6	4	4	4	2	2	2	1	D2	3	BF	AR	- 18	-2.59%	-1.70%	-4.46%
	First Trust Indxx Innovative Transaction LEGR	58.65	123	25	18	18	18	15	8	10	8	8	5	6	7	9	13	12	14	14	10	D1	1	BF	AR	- 4	-4.26%	-5.24%	0.44%
	ALPS O'Shares Global Internet Giants OGIG	44.58	116	30	30	30	30	30	30	30	30	30	30	30	30	30	30	29	30	30	29	D3	12	BF	BF	- 23	3.89%	2.13%	-16.21%

		Relative Strength Ranking - RSR																				% Price Δ								
		Price	MKT Cap(MM)	03/06	02/27	02/20	02/13	02/06	01/30	01/23	01/16	01/09	01/02	12/31	12/26	12/19	12/12	12/05	11/28	11/21	11/14	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month		
Group or Corp	Ticker																													
EF-50 Technology (Intl)																														
	ALPS Disruptive Technologies ETF	DTEC	45.75	74	30	30	30	30	30	29	29	28	30	30	29	30	29	28	29	30	29	D3	6	BF	BF	- 20	-0.73%	-0.24%	-7.56%	
	KraneShares Electric Vehicles & Future KARS		30.97	74	24	13	15	15	18	17	3	7	5	4	4	3	2	2	2	1	1	1	U3	13	BR	AR	- 18	-6.49%	-2.76%	0.81%
	3D Printing ETF	PRNT	21.88	60	28	27	28	27	23	28	22	19	20	29	29	28	28	26	27	29	30	28	D2	1	BF	BR	- 3	-3.19%	-6.42%	-3.03%
	Amplify Video Game Leaders ETF	GAMR	77.54	36	30	30	30	30	30	29	30	30	29	28	29	29	22	22	29	2	4	D3	8	BF	BR	- 25	-2.28%	-4.17%	-16.74%	
	Amplify Bloomberg AI Value Chain ETF AIVC		68.53	34	19	13	12	11	12	4	4	4	3	1	2	4	2	1	2	6	1	1	U3	12	BR	AR	- 16	-5.42%	-3.72%	-0.74%
EF-51 Transportation (Intl)																														
	U.S. Global Jets ETF	JETS	25.35	654	29	17	9	8	2	11	9	7	5	5	5	5	5	5	7	9	13	13	D1	1	BF	BR	- 3	-10.90%	-18.65%	-9.63%
EF-52 Utilities (Intl)					9	10	12	11	17	14	17	19	17	15	15	15	16	18	16	14	13	13	U3	10	AR	AR	+ 8	-4.40%	-0.35%	6.64%
	iShares Global Infrastructure ETF	IGF	67.10	10,018	4	6	7	6	15	15	21	25	24	20	21	20	24	23	23	17	18	17	U3	48	AR	AR	+ 7	-3.27%	2.08%	9.91%
	FlexShares STOXX Global Broad Infra: NFRA		65.09	3,053	7	9	13	11	18	22	27	28	28	25	24	26	27	28	27	27	28	26	U3	10	AR	AR	+ 6	-3.37%	2.07%	8.59%
	Invesco S&P Global Water Index ETF	CGW	64.80	1,034	21	14	15	15	18	22	21	23	23	26	28	26	27	28	28	27	28	25	U3	10	BR	AR	+ 9	-5.47%	-3.15%	2.93%
	State Street SPDR S&P Global Infrastr: GII		76.24	801	4	6	7	6	15	15	21	24	23	20	20	20	24	23	22	16	19	17	U3	48	AR	AR	+ 7	-3.19%	2.01%	9.85%
	Invesco Global Water ETF	PIO	45.07	275	26	16	16	17	19	20	19	23	23	29	29	29	30	30	29	29	29	25	U3	6	BR	BR	+ 9	-6.72%	-4.63%	1.96%
	GEOGRAPHY (Intl)																													
EF-53 Emerging Markets					15	9	7	10	11	9	9	12	12	9	10	11	12	12	12	11	9	8	U3	45	BR	AR	- 1	-6.52%	-3.79%	5.11%
	iShares Core MSCI Emerging Markets IEMG		70.49	136,948	13	5	4	6	7	4	5	7	8	5	8	11	15	15	10	8	5	3	U3	13	BR	AR	- 1	-8.17%	-4.32%	7.21%
	Vanguard FTSE Emerging Markets ET VWO		54.47	110,781	25	14	14	14	15	14	11	14	16	11	16	18	20	20	18	13	10	5	U3	12	BR	AR	- 1	-6.25%	-4.87%	2.97%
	iShares MSCI Emerging Markets ETF EEM		57.32	27,729	13	5	4	6	6	4	4	6	6	5	7	8	14	14	8	7	5	3	U3	13	BR	AR	- 1	-8.41%	-4.58%	7.19%
	Schwab Emerging Markets Equity ETF SCHE		33.15	11,606	26	15	14	15	15	14	11	15	16	12	16	18	20	20	15	12	7	5	U3	10	BR	AR	- 1	-6.17%	-5.15%	2.76%
	Schwab Fundamental Emerging Marke FNDE		37.85	8,823	12	8	7	6	15	5	6	10	14	6	11	13	16	17	10	7	5	3	U3	44	BR	AR	- 1	-6.08%	-3.91%	6.89%
	WisdomTree Emerging Markets High C DEM		49.06	3,459	10	9	7	8	11	9	11	18	20	16	18	22	21	21	22	28	6	17	U3	18	BR	AR	+ 10	-5.18%	-2.77%	5.67%
	iShares MSCI Emerging Markets Min V EEMV		64.78	3,220	25	16	15	16	18	17	16	21	23	20	23	23	25	26	25	27	24	17	U3	13	BR	AR	- 1	-5.88%	-4.23%	2.23%
	Invesco RAFI Emerging Markets ETF PXH		26.75	1,859	16	10	8	11	8	6	6	10	14	6	11	13	16	15	9	7	5	3	U3	44	BR	AR	- 1	-6.17%	-4.26%	5.19%
	WisdomTree Emerging Markets ex-Sta XSOE		40.70	1,848	14	6	7	6	8	5	6	8	8	5	8	8	14	15	10	8	5	3	U3	13	BR	AR	- 1	-7.90%	-3.85%	6.76%
	iShares MSCI Emerging Markets Asia IEEMA		97.63	1,728	16	6	6	6	8	5	6	7	7	4	7	10	16	17	9	7	5	3	U3	12	BR	AR	- 1	-8.34%	-4.42%	6.99%
	iShares Emerging Markets Equity Factr EMGF		60.93	1,554	12	4	4	6	7	4	5	7	8	5	11	14	17	19	13	12	6	4	U3	13	BR	AR	- 1	-8.40%	-4.14%	7.90%
	Columbia EM Core ex-China ETF XCEM		41.28	1,480	4	1	2	2	3	3	3	3	4	3	4	6	8	11	8	6	5	3	U3	42	BR	AR	+ 10	-9.41%	-3.73%	12.13%
	Goldman Sachs ActiveBeta Emerging I GEM		43.56	1,329	13	4	4	6	6	4	4	6	6	5	7	7	14	14	9	7	5	3	U3	45	BR	AR	- 1	-8.47%	-4.82%	7.16%
	iShares Emerging Markets Dividend E1DVYE		33.61	1,252	4	6	7	6	5	3	3	8	10	6	8	11	14	13	13	7	5	3	U3	45	BR	AR	+ 9	-4.49%	-2.52%	9.30%
	State Street SPDR S&P Emerging Mar EDIV		40.12	1,172	18	11	10	12	15	14	14	22	23	22	21	21	22	25	26	27	26	19	U3	19	BR	AR	+ 9	-6.52%	-4.27%	3.77%
	State Street SPDR S&P Emerging Mar EWX		65.84	698	26	18	18	19	22	22	19	23	23	21	23	23	26	28	27	23	25	14	U3	10	BR	AR	- 1	-6.01%	-3.18%	2.51%
	Cambria Emerging Shareholder Yield E EYLD		41.56	696	5	3	3	4	4	3	5	8	8	9	11	13	16	19	13	13	8	4	U3	45	BR	AR	+ 9	-7.34%	-3.12%	10.82%
	First Trust Emerging Markets AlphaDE: FEM		29.60	616	6	5	7	6	8	6	5	8	8	10	12	11	16	17	13	12	14	5	U3	19	BR	AR	+ 9	-5.60%	-0.97%	10.07%
	VanEck Emerging Markets High Yield E HYEM		19.99	468	18	23	24	23	24	18	20	21	19	16	15	16	16	17	17	16	13	14	U3	42	AR	AR	- 120	-0.84%	-0.25%	2.10%
	Invesco S&P Emerging Markets Low V EELV		28.07	429	17	13	12	12	12	13	18	20	16	16	18	21	20	21	21	19	16	15	U3	46	BR	AR	- 1	-5.07%	-4.62%	2.96%
	iShares MSCI Emerging Markets Small EEMS		69.44	410	18	9	8	11	15	8	14	19	20	16	19	21	24	25	23	20	23	14	U3	13	BR	AR	+ 9	-7.54%	-3.86%	5.24%
	JPMorgan Diversified Return Emerging JPEM		62.70	389	14	9	8	8	10	6	6	10	14	12	11	12	16	16	15	13	7	8	U3	46	BR	AR	- 1	-6.06%	-3.85%	4.93%
	Nuveen ESG Emerging Markets Equity NUEM		36.39	331	21	10	7	9	12	8	6	10	9	7	13	16	16	18	13	13	6	4	U3	13	BR	AR	- 1	-7.56%	-5.19%	3.68%
	FlexShares Morningstar Emerging Mar TLTE		67.98	320	8	4	3	4	6	3	4	7	8	6	10	13	16	17	13	12	7	5	U3	45	BR	AR	+ 9	-8.32%	-3.50%	8.84%
	EMQQ The Emerging Markets Internet EMQQ		34.20	301	30	30	30	30	30	29	30	30	29	30	30	30	30	30	29	30	23	18	D3	11	BF	BF	- 21	-4.76%	-10.98%	-16.66%
	Columbia Research Enhanced Emergii ECON		28.87	287	10	4	3	4	4	3	5	7	7	5	6	6	9	13	7	6	5	3	U3	13	BR	AR	- 1	-9.00%	-5.03%	8.49%
	First Trust Emerging Markets Small Ca FEMS		44.67	252	14	8	10	12	17	14	9	18	18	26	26	25	26	25	23	22	28	20	U3	8	BR	AR	+ 9	-6.57%	-1.55%	6.10%
	VictoryShares Emerging Markets Value UEVM		56.99	231	21	13	12	14	15	12	11	15	16	16	19	19	20	22	15	13	9	5	U3	44	BR	AR	- 1	-6.35%	-4.79%	3.37%
	iShares Currency Hedged MSCI Emerg HEEM		37.01	221	8	6	4	6	6	3	3	5	5	4	6	6	7	9	6	5	3	2	U3	44	BR	AR	- 1	-6.49%	-2.84%	8.60%

		Relative Strength Ranking - RSR																				% Price Δ								
Group or Corp	Ticker	Price	MKT Cap(MM)	03/06	02/27	02/20	02/13	02/06	01/30	01/23	01/16	01/09	01/02	12/31	12/26	12/19	12/12	12/05	11/28	11/21	11/14	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month		
				06	27	20	13	06	30	23	16	09	02	31	26	19	12	05	28	21	14									
EF-53	Emerging Markets																													
	WisdomTree Emerging Markets Multifa EMMF	33.46	157	8	5	7	6	8	4	4	7	8	6	10	18	16	11	13	18	3	6	U3	41	BR	AR	+ 9	-6.93%	-2.79%	6.48%	
	Invesco Dorsey Wright Emerging Mark PIE	26.09	150	7	3	6	6	14	9	6	10	15	18	19	11	8	8	8	6	5	2	U3	19	BR	AR	+ 7	-8.00%	0.27%	7.84%	
	WisdomTree Emerging Markets Quality DGRE	33.55	124	4	2	2	2	4	3	3	5	4	4	4	6	7	9	8	7	6	5	U3	42	BR	AR	+ 12	-8.66%	-3.12%	10.90%	
	PIMCO RAFI Dynamic Multi-Factor Em MFEM	25.15	124	5	2	2	2	4	3	3	7	8	7	8	19	18	13	14	18	2	7	U3	42	BR	AR	+ 9	-9.40%	-2.59%	9.54%	
	WisdomTree Emerging Markets Local I ELD	28.72	121	24	18	21	19	19	15	16	19	16	13	13	14	14	15	15	15	11	14	U3	49	BF	AR	- 51	-4.01%	-3.25%	1.02%	
	WisdomTree Emerging Markets Corpor EMOB	66.79	97	21	23	25	27	25	19	21	21	19	16	15	16	15	18	17	16	13	14	U3	43	BR	AR	- 120	-1.38%	-0.03%	1.34%	
	iShares MSCI BIC ETF BKF	41.56	89	30	28	26	28	24	24	26	25	23	18	24	23	22	25	21	18	14	11	D2	1	BF	BR	- 22	-4.79%	-7.67%	-4.63%	
	Xtrackers MSCI Emerging Markets Her DBEM	34.17	87	7	5	4	6	6	3	3	5	5	4	6	7	8	8	7	5	3	2	U3	44	BR	AR	- 1	-6.05%	-2.73%	9.07%	
	Hartford Multifactor Emerging Markets I ROAM	30.97	82	7	4	4	6	7	4	5	8	8	5	7	8	15	13	8	7	4	3	U3	45	BR	AR	+ 9	-7.46%	-2.54%	8.13%	
	First Trust Riverfront Dynamic Emergin RFEM	82.70	70	11	6	7	6	8	4	5	8	9	5	8	12	14	13	8	7	5	5	U3	45	BR	AR	- 1	-7.00%	-3.87%	6.14%	
	Global X MSCI SuperDividend Emergir SDEM	31.81	46	5	9	9	11	10	7	7	9	11	8	9	12	11	11	10	10	6	8	U3	54	BR	AR	- 56	-4.93%	-2.63%	7.72%	
	State Street SPDR MSCI Emerging Ma QEMM	68.80	43	15	6	7	8	8	7	7	13	15	12	15	19	20	20	17	16	14	10	U3	43	BR	AR	- 1	-7.66%	-4.54%	5.44%	
	Franklin Emerging Market Core Divider DIEM	35.65	43	7	4	3	4	4	3	3	5	7	5	6	15	15	9	10	14	2	3	U3	44	BR	AR	+ 9	-7.58%	-4.07%	7.78%	
	ALPS Emerging Sector Dividend Dogs EDOG	25.41	28	8	6	7	7	7	5	4	8	14	11	11	7	7	13	13	12	7	10	U3	46	BR	AR	- 1	-5.76%	-3.50%	6.34%	
	First Trust Emerging Markets Equity Se RNEM	54.97	16	26	18	17	18	18	19	20	24	23	20	22	23	22	26	25	23	24	20	U3	25	BF	AR	- 1	-5.53%	-4.89%	0.22%	
	iShares Emerging Markets Infrastructur EMIF	28.39	14	7	4	3	3	4	3	4	14	11	8	6	5	5	6	6	3	3	2	U3	47	BR	AR	+ 7	-7.18%	-4.67%	6.72%	
	Invesco S&P Emerging Markets Mome EEMO	17.55	11	27	21	15	18	19	18	18	20	23	21	26	23	25	25	22	23	24	11	U3	10	BF	BR	- 1	-5.73%	-5.76%	-0.10%	
	ProShares MSCI Emerging Markets Dir EMDV	45.54	7	27	22	20	20	20	24	27	26	24	21	21	22	20	24	21	20	19	16	U3	19	BF	BR	- 1	-4.90%	-5.10%	-1.82%	
EF-54	Frontier Markets																													
				28	29	29	29	29	24	25	26	26	22	22	23	23	24	23	23	20	21	U3	31	BF	BF	- 69	0.00%	0.00%	0.00%	
EF-55	Europe/UK																													
	Vanguard FTSE Europe ETF VGK	84.25	30,563	17	11	10	12	11	9	10	12	10	8	8	10	10	12	12	13	13	11	U3	46	BR	AR	- 1	-6.30%	-4.77%	3.10%	
	iShares MSCI Eurozone ETF EZU	63.31	9,433	26	12	13	15	15	12	13	13	10	8	11	13	14	14	18	19	24	15	U3	46	BF	AR	- 1	-7.68%	-6.00%	-0.10%	
	iShares Core MSCI Europe ETF IEUR	71.65	7,695	18	11	11	14	13	8	11	10	10	9	10	11	15	18	20	19	24	17	U3	46	BR	AR	- 1	-6.35%	-4.50%	2.94%	
	State Street SPDR EURO STOXX 50 EFZ	63.08	4,939	26	13	14	15	15	13	13	10	9	7	11	11	14	13	16	18	23	14	U3	46	BF	AR	- 1	-7.98%	-6.55%	-1.33%	
	iShares MSCI Europe Financials ETF EUFN	34.88	3,959	26	15	14	19	10	5	9	7	7	1	3	3	4	6	13	12	18	11	D1	1	BF	AR	- 4	-7.50%	-8.71%	-2.05%	
	iShares MSCI United Kingdom ETF EWU	46.02	3,065	7	6	7	8	8	6	9	10	9	5	6	6	8	18	18	15	14	15	U3	46	BR	AR	+ 13	-5.46%	-1.88%	8.38%	
	iShares MSCI Spain ETF EWP	53.20	1,756	17	8	8	12	8	3	6	6	5	1	2	3	2	3	4	4	3	2	U3	54	BF	AR	- 4	-7.06%	-5.77%	1.09%	
	WisdomTree Europe Hedged Equity Fd HEDJ	52.75	1,751	25	15	15	18	18	16	15	10	10	12	12	18	16	17	15	16	14	14	U3	44	BF	AR	- 1	-5.99%	-3.90%	0.65%	
	iShares Europe ETF IEV	68.99	1,656	18	11	10	12	12	8	10	10	10	6	8	8	11	15	19	18	22	16	U3	46	BR	AR	- 1	-6.64%	-4.87%	2.56%	
	iShares MSCI Germany ETF EWG	40.82	1,653	28	18	18	19	21	22	20	23	21	22	22	23	26	26	29	30	30	29	U3	8	BF	BF	- 1	-7.94%	-6.23%	-3.22%	
	iShares MSCI Switzerland ETF EWL	61.14	1,613	12	8	9	10	10	11	14	15	13	5	6	6	8	15	18	17	14	15	U3	29	BR	AR	- 1	-6.05%	-3.09%	4.75%	
	Franklin FTSE United Kingdom ETF FLGB	35.15	975	7	6	8	11	9	6	10	10	10	6	6	7	9	19	19	16	16	15	U3	46	BR	AR	+ 12	-5.59%	-2.01%	7.81%	
	First Trust Stoxx European Select Divic FDD	17.73	820	9	8	7	8	6	3	6	8	8	3	4	4	5	8	13	13	16	11	U3	19	BR	AR	- 1	-5.39%	-4.78%	4.97%	
	State Street SPDR Portfolio Europe ET SPEU	52.44	787	18	11	11	12	12	8	10	10	10	7	8	10	14	17	20	19	25	17	U3	46	BR	AR	- 1	-6.58%	-4.81%	2.91%	
	Xtrackers MSCI Europe Hedged Equity DBEU	49.04	682	15	12	13	15	15	14	15	9	9	7	11	13	14	17	18	16	14	15	U3	44	BR	AR	- 1	-4.80%	-2.52%	3.89%	
	iShares MSCI Italy ETF EWI	52.96	612	26	12	15	17	15	12	15	15	11	5	6	6	5	13	15	12	11	6	U3	19	BF	AR	- 1	-7.62%	-5.90%	-0.01%	
	iShares MSCI Poland ETF EPOL	35.37	605	13	6	7	6	4	3	3	7	4	1	4	4	5	7	22	13	14	8	U3	21	BR	AR	- 1	-7.24%	-6.72%	3.87%	
	iShares Currency Hedged MSCI Euroz HEZU	43.96	569	22	13	14	16	15	14	14	9	8	7	11	15	14	15	15	16	15	14	U3	44	BR	AR	- 1	-5.98%	-4.24%	1.53%	
	First Trust Europe AlphaDEX Fund FEP	54.91	475	13	6	7	8	7	4	5	8	7	5	4	6	7	9	15	16	20	12	U3	46	BR	AR	- 1	-7.00%	-5.07%	4.64%	
	iShares MSCI France ETF EWQ	44.14	353	27	15	15	18	19	23	23	24	20	18	19	20	20	22	22	22	24	17	U3	25	BF	AR	- 1	-7.79%	-4.87%	-1.15%	
	iShares MSCI Sweden ETF EWD	51.74	330	8	6	7	8	8	6	6	8	9	10	9	8	16	13	20	21	28	19	U3	14	BR	AR	+ 13	-5.45%	-2.25%	6.08%	
	Global X MSCI Greece ETF GREK	65.15	310	26	14	14	10	4	3	3	6	7	5	4	11	7	9	14	13	3	18	D1	1	BF	AR	- 2	-7.82%	-13.33%	0.11%	
	iShares MSCI Netherlands ETF EWN	58.13	299	23	11	8	12	8	3	3	4	5	5	10	13	14	13	13	12	18	9	U3	13	BR	AR	- 1	-7.44%	-6.29%	2.99%	
	Global X DAX Germany ETF DAX	43.46	272	28	18	19	19	22	22	19	20	19	20	19	26	24	28	29	30	28	29	U3	9	BF	BR	- 1	-8.09%	-6.59%	-2.13%	

		Relative Strength Ranking - RSR																				% Price Δ							
Group or Corp	Ticker	Price	MKT Cap(MM)	03/06	02/27	02/20	02/13	02/06	01/30	01/23	01/16	01/09	01/02	12/31	12/26	12/19	12/12	12/05	11/28	11/21	11/14	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month	
EF-55 Europe/UK																													
WisdomTree European Opportunities FOPPE		52.95	257	12	9	7	12	8	6	10	10	12	8	8	14	11	15	20	17	17	14	U3	45	BR	AR	- 1	-5.56%	-3.95%	5.08%
iShares MSCI Denmark ETF	EDEN	105.39	190	30	29	24	23	19	5	5	5	7	12	14	16	21	20	28	29	30	29	D2	1	BF	BF	- 3	-2.61%	-10.22%	-7.47%
WisdomTree Europe SmallCap Divider	DFE	74.13	163	10	11	12	14	15	13	11	17	17	16	15	20	24	26	27	29	30	29	U3	10	BR	AR	+ 12	-4.56%	-1.60%	6.34%
First Trust Eurozone AlphaDEX ETF	FEUZ	62.34	143	16	6	7	10	8	5	8	10	8	5	7	9	11	13	18	17	21	12	U3	19	BR	AR	- 1	-7.96%	-5.64%	3.43%
First Trust Germany AlphaDEX Fund	FGM	62.05	118	23	6	6	6	4	3	3	5	5	5	6	7	9	8	18	22	29	14	U3	61	BF	AR	- 1	-10.70%	-9.81%	0.87%
Franklin FTSE Europe ETF	FLEE	36.81	118	18	11	10	12	12	7	10	10	9	6	8	8	11	15	19	19	24	17	U3	46	BR	AR	- 1	-6.45%	-4.96%	2.41%
Goldman Sachs ActiveBeta Europe Eq GSEU		45.91	117	18	11	11	14	13	9	11	13	14	9	8	11	14	17	20	20	26	18	U3	46	BR	AR	- 1	-6.48%	-4.77%	2.73%
First Trust United Kingdom AlphaDEX I FKU		52.17	110	9	6	7	7	6	4	5	8	8	5	4	6	8	20	21	21	28	25	U3	14	BR	AR	- 1	-6.67%	-4.87%	7.28%
Global X MSCI Norway ETF	NORW	35.72	93	1	2	2	2	4	4	8	12	20	13	16	26	27	29	29	30	28	29	U3	9	AR	AR	+ 11	-0.14%	5.65%	23.76%
iShares MSCI Ireland ETF	EIRL	70.45	81	26	16	19	21	15	7	14	13	10	5	4	5	5	6	8	5	14	14	D1	1	BF	AR	- 4	-6.32%	-6.71%	-3.66%
WisdomTree Europe Quality Dividend	EUQG	37.65	72	18	11	10	12	11	8	9	10	8	6	6	7	11	14	18	19	22	18	U3	29	BR	AR	- 1	-6.13%	-4.87%	2.24%
Xtrackers MSCI Eurozone Hedged Eql DBEZ		55.39	69	21	13	13	15	15	15	15	10	9	9	11	16	15	17	18	18	19	16	U3	45	BR	AR	- 1	-6.01%	-4.25%	1.86%
iShares MSCI Norway ETF	ENOR	34.46	64	1	2	2	2	4	3	7	10	20	13	17	19	25	29	29	30	30	28	U3	10	AR	AR	+ 12	0.01%	5.28%	23.86%
iShares MSCI United Kingdom Small C EWUS		41.95	42	19	13	14	13	13	6	8	10	15	14	12	18	20	27	27	28	30	29	U3	13	BR	AR	- 1	-5.52%	-5.24%	4.25%
First Trust Switzerland AlphaDEX Fund FSZ		82.62	41	11	12	14	14	15	16	16	23	20	18	19	19	21	26	29	29	29	26	U3	11	BR	AR	+ 13	-3.85%	-2.27%	5.58%
iShares MSCI Finland ETF	EFNL	49.13	39	7	8	7	9	7	5	4	5	6	1	3	4	5	6	7	6	5	3	U3	46	BR	AR	- 1	-3.91%	-2.27%	6.25%
ALPS - O'Shares International Develop OEFA		33.17	38	26	17	17	17	23	22	20	20	18	20	22	22	24	27	28	29	29	27	U3	12	BF	AR	- 1	-6.61%	-3.30%	0.51%
Pacer Trendpilot European Index ETF	PTEU	30.33	33	25	11	12	15	15	8	11	12	9	6	7	14	15	18	19	28	6	20	U3	43	BF	AR	- 1	-7.88%	-5.56%	0.95%
iShares MSCI Belgium ETF	EWK	24.95	26	17	11	7	5	7	5	9	10	16	13	12	16	14	14	13	11	7	8	U3	50	BR	AR	- 1	-6.06%	-6.38%	3.19%
ProShares Ultra FTSE Europe	UPV	89.97	13	18	2	2	2	3	3	3	3	3	1	3	3	5	7	10	12	27	10	U3	46	BF	AR	- 1	-13.04%	-9.95%	4.01%
ProShares MSCI Europe Dividend Gro EUDV		52.73	8	25	18	19	19	24	25	26	25	23	28	29	28	29	30	29	30	30	29	U3	6	BR	AF	+ 11	-4.86%	-1.64%	2.44%
EF-56 Canada				6	8	11	13	16	12	9	10	9	7	6	6	7	8	8	7	8	9	U3	43	AR	AR	- 1	-2.80%	2.26%	5.37%
iShares MSCI Canada ETF	EWC	56.35	4,339	6	8	11	13	16	14	6	8	7	4	4	3	4	4	4	4	5	8	U3	43	AR	AR	- 1	-2.81%	2.44%	5.50%
Franklin FTSE Canada ETF	FLCA	50.29	669	6	9	11	14	16	15	7	8	8	4	4	4	5	6	6	5	6	10	U3	43	AR	AR	- 1	-2.78%	2.09%	5.23%
EF-57 Latin America				4	2	1	1	1	3	4	6	5	6	5	6	6	7	6	6	5	5	U3	30	BR	AR	- 1	-7.68%	-6.58%	8.61%
iShares MSCI Brazil ETF	EWZ	36.28	9,208	3	1	1	1	1	1	1	4	3	4	4	6	2	4	1	3	1	2	U3	29	AR	AR	+ 8	-6.33%	-3.41%	15.44%
iShares Latin America 40 ETF	ILF	33.81	4,074	3	1	1	1	1	1	1	1	1	1	1	4	2	3	2	3	1	1	U3	30	BR	AR	- 1	-7.32%	-6.19%	12.94%
iShares MSCI Mexico ETF	EWWM	73.72	2,381	7	3	2	1	2	3	3	3	6	5	4	3	5	4	7	5	5	5	U3	48	BR	AR	- 1	-8.92%	-7.70%	6.29%
iShares MSCI Chile ETF	ECH	38.99	1,100	16	4	3	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	D1	1	BF	AR	- 3	-10.37%	-13.82%	2.49%
Global X MSCI Argentina ETF	ARGT	86.54	748	18	18	7	11	8	2	3	5	1	1	1	3	4	3	2	15	1	3	D1	2	BF	AF	- 4	-3.59%	-7.11%	-4.44%
iShares MSCI Peru and Global Exposu EPU		83.19	541	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	U3	46	BR	AR	- 1	-11.35%	-5.63%	20.54%
Franklin FTSE Brazil ETF	FLBR	22.39	416	3	1	1	1	1	1	1	4	4	4	4	10	4	6	2	4	1	2	U3	29	AR	AR	+ 9	-6.98%	-2.27%	18.84%
iShares MSCI Brazil Small-Cap ETF	EWZS	14.30	334	8	4	3	6	5	3	3	23	19	26	28	29	19	24	7	24	3	10	U3	7	BR	AR	+ 7	-8.17%	-4.49%	9.56%
Columbia India Consumer ETF	INCO	60.18	247	30	28	28	28	29	30	30	30	30	28	29	29	28	30	29	29	28	28	D3	1	BF	BF	- 1	-5.45%	-5.61%	-4.67%
Global X MSCI Colombia ETF	COLO	36.60	134	14	9	2	1	1	1	1	1	1	1	1	3	1	1	1	2	1	1	U3	44	BR	AR	- 2	-5.96%	-10.91%	3.71%
Franklin FTSE Mexico ETF	FLMX	36.21	87	6	2	2	1	1	3	3	3	5	4	2	5	4	7	7	14	3	3	U3	49	BR	AR	- 1	-8.71%	-7.39%	9.88%
First Trust Latin America AlphaDEX Fu FLN		24.88	27	3	1	1	1	1	1	2	3	3	4	3	4	5	3	6	2	3	2	U3	31	BR	AR	- 1	-8.16%	-6.60%	9.83%
VanEck Brazil Small-Cap ETF	BRF	17.84	24	3	1	1	2	2	1	3	8	4	7	6	7	17	6	7	2	3	2	U3	19	BR	AR	+ 7	-8.52%	-4.78%	9.97%
EF-58 Japan				7	4	6	2	6	9	11	9	8	8	8	10	9	10	10	8	7	7	U3	46	BR	AR	+ 9	-6.89%	-3.60%	6.44%
iShares MSCI Japan ETF	EWJ	84.77	18,743	14	6	7	2	7	10	14	8	8	13	12	16	14	9	9	9	6	4	U3	46	BR	AR	+ 8	-8.23%	-5.18%	4.69%
JPMorgan BetaBuilders Japan ETF	BBJP	69.18	15,136	13	6	7	2	6	9	14	8	8	13	11	15	12	9	9	9	6	4	U3	46	BR	AR	+ 9	-8.25%	-5.10%	4.87%
WisdomTree Japan Hedged Equity Fur DXJ		156.73	6,144	3	1	2	1	2	3	3	1	1	2	2	3	2	2	2	2	1	1	U3	38	BR	AR	- 1	-7.58%	-4.22%	9.73%
Franklin FTSE Japan ETF	FLJP	36.34	3,205	13	5	7	2	7	10	14	8	8	13	12	16	14	11	11	11	6	5	U3	46	BR	AR	+ 9	-8.23%	-4.69%	5.29%

		Relative Strength Ranking - RSR																				% Price Δ							
Group or Corp	Ticker	Price	MKT Cap(MM)	03/06	02/27	02/20	02/13	02/06	01/30	01/23	01/16	01/09	01/02	12/31	12/26	12/19	12/12	12/05	11/28	11/21	11/14	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month	
EF-58	Japan																												
	iShares Currency Hedged MSCI Japan HEWJ	56.16	750	6	3	4	2	4	5	6	3	3	4	3	4	3	3	3	2	1	1	U3	38	BR	AR	- 1	-7.04%	-4.26%	7.23%
	Xtrackers MSCI Japan Hedged Equity DBJP	100.69	584	7	4	4	2	3	5	6	3	3	4	3	4	2	3	3	2	1	1	U3	38	BR	AR	- 1	-6.89%	-4.93%	7.14%
	Japan Smaller Capitalization Fund Inc : JOF	11.11	315	10	3	3	2	12	9	9	10	10	8	8	10	12	12	10	14	8	12	U3	15	BR	AR	- 65	-10.19%	-3.92%	6.93%
	First Trust Japan AlphaDEX Fund FJP	73.51	235	5	1	2	1	4	6	13	8	7	13	10	14	7	7	10	5	3	3	U3	19	BR	AR	+ 8	-10.29%	-3.91%	8.43%
	WisdomTree Japan Opportunities Func OPPJ	52.96	222	3	1	1	1	1	2	3	1	1	1	1	3	2	1	3	2	1	1	U3	45	AR	AR	+ 9	-7.65%	-3.74%	14.92%
	iShares JPX-Nikkei 400 ETF JPXN	91.86	207	10	4	6	2	7	9	14	9	8	14	14	17	16	13	13	12	9	5	U3	46	BR	AR	+ 9	-7.97%	-4.13%	5.79%
	Goldman Sachs ActiveBeta Japan Equ GSJY	48.69	78	14	6	7	2	6	8	14	8	6	13	11	15	11	8	9	8	6	4	U3	46	BR	AR	- 1	-8.47%	-5.77%	3.94%
	ProShares Ultra MSCI Japan EZJ	55.94	18	10	1	1	1	1	3	3	1	1	5	4	6	5	4	3	3	3	1	U3	32	BR	AR	- 1	-16.24%	-11.02%	7.12%
	ProShares UltraShort MSCI Japan EWV	22.74	7	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	D3	46	AF	BF	- 8	17.46%	10.41%	-9.48%
EF-59	Middle East/Africa			11	12	11	9	8	7	7	9	9	8	8	9	9	11	11	12	9	8	U3	45	BR	AR	- 1	-3.55%	-3.45%	5.50%
	iShares MSCI South Africa ETF EZA	70.52	966	7	1	2	2	2	1	1	1	1	1	1	1	1	1	2	2	1	1	U3	46	BR	AR	- 1	-13.58%	-5.68%	8.38%
	iShares MSCI Israel ETF EIS	125.71	899	1	8	3	2	4	2	3	1	1	1	1	3	1	1	2	4	3	1	U3	28	AR	AR	- 2	5.83%	4.84%	14.82%
	iShares MSCI Saudi Arabia ETF KSA	37.09	656	28	29	26	23	19	16	24	28	30	30	30	30	30	30	30	30	28	27	U1	1	BR	BF	- 1	-0.22%	-6.69%	0.37%
	iShares MSCI Turkey ETF TUR	37.22	275	8	4	2	1	2	1	3	3	6	17	20	19	16	19	26	29	16	28	U3	10	BR	AR	- 1	-8.39%	-8.86%	7.99%
	iShares MSCI UAE ETF UAE	19.08	209	28	11	8	6	6	14	15	24	28	29	29	25	27	28	29	30	30	28	U3	6	BF	BR	- 1	-10.63%	-12.20%	-0.43%
	VanEck Israel ETF ISRA	64.36	146	3	14	7	6	6	3	3	1	1	1	3	4	2	3	3	5	5	2	U3	29	AR	AR	- 3	4.90%	2.37%	9.77%
	VanEck Africa Index ETF AFK	26.94	143	8	1	2	2	4	3	2	2	1	1	1	1	1	3	2	3	3	2	U3	46	BR	AR	- 1	-11.85%	-4.43%	6.99%
	ARK Israel Innovative Technology ETF IZRL	29.30	136	19	30	29	28	25	14	6	5	3	5	5	7	9	9	8	12	17	8	D2	2	BF	AR	- 5	7.17%	0.76%	0.29%
	Amplify BlueStar Israel Technology ETI ITEQ	59.82	105	13	29	28	28	24	12	6	9	7	16	12	19	20	23	29	30	18	17	D2	2	AR	AR	- 4	6.21%	2.38%	5.52%
	iShares MSCI Qatar ETF QAT	18.75	68	28	26	22	19	22	23	24	27	28	29	29	29	28	29	30	30	28	1	U3	4	BF	BR	- 1	-3.65%	-5.97%	-1.78%
	Commonwealth Africa Fund CAFRX	11.73	8	8	1	3	2	4	3	2	1	1	1	1	1	1	3	2	2	2	1	U3	45	BR	AR	- 1	-11.14%	-5.40%	6.48%
	T.Rowe Price Africa & Middle East Fun TRAMX	11.57	0	28	22	24	23	25	29	27	29	30	30	30	30	30	30	21	23	14	12	U2	5	BR	BR	+ 6	-7.29%	-5.40%	2.21%
EF-60	Asia/Pacific			17	9	8	11	14	11	12	13	12	9	10	11	12	13	12	12	10	10	U3	43	BR	AR	- 1	-6.87%	-3.50%	4.56%
	iShares MSCI South Korea ETF EWY	126.73	15,347	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	U3	46	AR	AR	+ 10	-16.28%	1.62%	39.83%
	Vanguard FTSE Pacific ETF VPL	98.87	8,919	4	2	2	1	4	3	5	5	6	5	8	8	12	12	9	9	6	4	U3	46	BR	AR	+ 9	-9.24%	-2.80%	10.80%
	iShares MSCI India ETF INDIA	49.99	8,796	30	29	28	28	28	29	30	29	30	25	27	28	26	30	29	27	25	25	D3	5	BF	BF	- 9	-4.36%	-6.17%	-5.93%
	iShares MSCI Taiwan ETF EWT	69.52	7,953	4	2	2	2	5	4	3	5	7	5	6	13	17	19	8	8	14	3	U3	13	BR	AR	+ 9	-8.13%	-0.76%	13.44%
	Franklin FTSE India ETF FLIN	35.63	2,963	30	29	28	28	29	29	30	29	30	23	26	28	26	30	29	27	26	25	D3	5	BF	BF	- 9	-4.40%	-6.29%	-5.74%
	iShares Asia 50 ETF AIA	106.86	2,939	4	1	1	2	4	2	3	2	2	1	4	5	7	8	4	4	3	1	U3	12	BR	AR	+ 9	-9.46%	-2.65%	14.12%
	WisdomTree India Earnings Fund EPI	43.28	2,536	28	27	25	28	26	29	29	29	29	20	23	27	26	30	29	27	26	25	D3	1	BF	BF	- 2	-4.54%	-5.95%	-3.86%
	iShares Core MSCI Pacific ETF IPAC	77.38	2,368	10	6	7	5	8	11	14	13	15	15	16	18	19	17	18	16	14	10	U3	46	BR	AR	+ 9	-7.16%	-3.36%	6.02%
	iShares MSCI Pacific ex-Japan ETF EPP	53.76	2,064	8	8	8	12	15	15	18	24	25	22	25	20	26	28	28	29	29	25	U3	12	AR	AR	+ 9	-5.35%	-1.09%	7.49%
	iShares MSCI Australia ETF EWA	28.33	1,400	7	6	7	9	16	16	20	25	28	26	28	23	29	29	29	30	30	29	U3	5	AR	AR	+ 11	-5.85%	0.35%	8.65%
	DBX ETF Trust - Xtrackers Internationa HAUZ	24.18	1,026	14	11	12	12	17	16	19	18	20	23	23	22	25	28	28	24	25	20	U3	13	BR	AR	+ 9	-5.55%	-2.07%	5.87%
	iShares MSCI Hong Kong ETF EWH	23.17	822	7	6	10	14	8	5	14	12	14	13	19	12	15	20	16	8	5	2	U3	19	AR	AR	+ 8	-4.30%	-1.95%	9.35%
	iShares MSCI Singapore ETF EWS	27.26	751	28	22	17	23	23	24	22	26	23	26	26	26	29	28	28	20	24	16	U3	5	BF	BR	- 1	-5.25%	-4.32%	0.70%
	iShares MSCI India Small Cap ETF SMIN	63.62	652	30	30	28	29	30	30	30	30	30	29	30	30	30	30	30	30	30	29	D3	17	BF	BF	- 2	-4.30%	-5.59%	-6.64%
	iShares India 50 ETF INDY	45.13	607	30	29	28	28	28	29	29	29	29	23	23	27	25	29	28	25	24	25	D3	3	BF	BF	- 9	-4.37%	-6.78%	-6.59%
	VanEck Vietnam ETF VNM	17.45	580	28	21	18	21	29	17	11	6	8	5	3	7	6	20	3	2	2	3	D1	3	BF	BR	- 6	-8.54%	-3.22%	-0.02%
	Franklin FTSE South Korea ETF FLKR	40.98	463	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	U3	45	AR	AR	+ 10	-16.49%	0.69%	37.77%
	State Street SPDR S&P Emerging Asia GMF	139.47	377	26	17	15	16	18	18	17	16	18	10	18	18	19	20	15	13	12	8	U3	13	BR	AR	- 1	-6.19%	-4.36%	1.47%
	iShares MSCI Malaysia ETF EWM	28.49	372	7	11	6	6	5	3	5	7	8	5	4	4	5	9	12	12	5	8	U3	39	BR	AR	- 1	-2.50%	-3.65%	7.28%
	iShares MSCI Indonesia ETF EIDO	16.21	280	30	27	28	29	29	29	18	16	16	13	17	19	17	16	20	23	14	17	D2	4	BF	BF	- 6	-9.03%	-7.90%	-13.03%
	VanEck India Growth Leaders ETF GLIN	44.24	174	28	25	22	24	24	29	29	28	28	19	24	26	26	30	29	29	28	25	U3	3	BF	BF	- 1	-4.86%	-4.80%	-1.28%

		Relative Strength Ranking - RSR																				% Price Δ								
Group or Corp	Ticker	Price	MKT Cap(MM)	03/06	02/27	02/20	02/13	02/06	01/30	01/23	01/16	01/09	01/02	12/31	12/26	12/19	12/12	12/05	11/28	11/21	11/14	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month		
EF-60	Asia/Pacific																													
	Invesco India ETF	IMVP	22.30	169	30	29	28	28	29	29	30	29	30	23	27	28	27	30	29	27	26	26	D3	5	BF	BF	- 9	-4.68%	-6.79%	-6.37%
	iShares MSCI Philippines ETF	EPHE	25.32	162	26	10	15	15	18	23	21	20	23	29	29	29	30	30	30	30	30	30	U3	6	BR	BF	+ 15	-9.28%	-5.27%	2.51%
	First Trust India NIFTY 50 Equal Weigh	NFTY	54.84	156	28	27	26	27	27	29	29	29	28	23	24	28	26	30	28	27	25	25	D3	1	BF	BF	- 2	-4.14%	-5.27%	-3.74%
	iShares MSCI Austria ETF	EWO	35.47	133	8	6	3	4	3	3	3	4	3	1	1	3	2	4	4	5	14	13	U3	18	BR	AR	- 1	-6.39%	-7.46%	4.35%
	Global X FTSE Southeast Asia ETF	ASEA	19.08	92	8	6	4	6	5	4	4	7	8	5	4	8	10	13	10	14	5	10	U3	18	BR	AR	- 1	-6.38%	-4.55%	7.01%
	Franklin FTSE Australia ETF	FLAU	33.83	80	7	6	7	11	16	16	17	25	28	25	26	22	28	28	29	29	30	29	U3	6	AR	AR	+ 11	-5.60%	0.36%	8.35%
	iShares MSCI New Zealand ETF	ENZL	45.71	71	24	21	28	23	19	19	24	27	25	27	28	26	29	29	28	29	30	29	U3	6	BR	AR	- 1	-3.72%	-3.96%	1.28%
	iShares Asia/Pacific Dividend ETF	DVYA	48.77	68	3	3	3	4	4	3	4	6	9	6	8	6	7	6	7	5	3	3	U3	41	AR	AR	+ 8	-5.85%	-1.64%	9.87%
	Franklin FTSE Asia ex Japan ETF	FLAX	31.00	43	13	6	7	6	8	4	5	7	6	5	7	8	14	15	8	6	4	3	U3	13	BR	AR	- 1	-7.89%	-3.66%	7.59%
	First Trust Asia Pacific ex-Japan Alpha	FPA	44.79	36	3	1	1	1	3	2	3	5	9	14	19	19	22	20	11	15	9	3	U3	9	AR	AR	+ 8	-10.38%	2.03%	20.10%
	VanEck Indonesia Index ETF	IDX	14.38	33	30	29	28	28	30	29	16	16	18	13	14	15	6	6	7	5	3	6	D3	1	BF	BF	- 12	-9.39%	-7.52%	-14.59%
EF-61	China				29	28	28	28	26	17	16	18	14	12	15	13	13	13	12	12	10	7	D3	2	BF	BR	- 22	-4.29%	-6.78%	-3.74%
	iShares MSCI China ETF	MCHI	56.72	7,033	30	30	28	29	29	27	26	26	25	22	29	25	26	25	20	18	14	5	D3	3	BF	BR	- 22	-3.96%	-8.03%	-6.68%
	KraneShares CSI China Internet ETF	KWEB	29.71	6,515	30	30	30	30	30	29	29	29	29	29	30	30	30	30	28	29	29	18	D3	4	BF	BF	- 22	-4.35%	-13.41%	-14.56%
	iShares China Large-Cap ETF	FXI	35.82	5,975	30	30	28	29	28	27	28	28	27	21	29	27	27	28	22	22	24	14	D3	3	BF	BR	- 23	-3.92%	-8.67%	-7.35%
	Invesco China Technology ETF	CQQQ	48.78	2,773	30	29	28	28	27	16	7	8	7	9	20	20	23	20	15	12	18	4	D2	2	BF	BR	- 5	-6.32%	-9.33%	-5.14%
	Xtrackers Harvest CSI 300 China A-Sh	ASHR	33.13	1,721	18	18	18	19	19	16	15	14	8	5	6	6	7	8	7	5	4	2	U3	13	BR	AR	- 19	-2.82%	-1.63%	2.85%
	WisdomTree China ex-State-Owned E	CXSE	38.04	523	30	30	28	29	29	28	25	25	23	19	28	19	20	18	13	12	12	4	D3	3	BF	BR	- 22	-4.01%	-7.17%	-6.62%
	State Street SPDR S&P China ETF	GXC	94.89	498	28	28	27	28	25	22	21	23	23	20	28	22	22	22	17	17	14	5	D2	1	BF	BR	- 22	-3.46%	-6.26%	-3.11%
	Franklin FTSE China ETF	FLCH	22.74	264	30	29	28	28	28	26	25	25	25	20	29	23	25	23	19	18	14	5	D3	2	BF	BR	- 22	-4.05%	-7.11%	-5.31%
	Direxion Daily CSI China Internet Index	CWEB	29.73	245	30	30	30	30	30	30	30	30	30	30	30	30	30	30	29	30	9	4	D3	5	BF	BF	- 21	-8.66%	-25.60%	-31.85%
	iShares MSCI China A ETF	CNYA	34.94	210	17	17	18	19	18	17	14	10	6	5	5	6	8	9	7	6	5	3	U3	13	BR	AR	- 6	-3.35%	-1.33%	4.21%
	KraneShares Bosera MSCI China A 50	KBA	30.00	182	26	23	22	24	22	17	17	12	5	4	3	4	5	4	3	3	2	2	D1	4	BF	AR	- 19	-2.22%	-2.25%	-0.26%
	Global X MSCI China Consumer Discr	CHIQ	19.53	169	30	30	30	30	29	30	29	30	29	30	29	29	30	30	29	30	21	24	D3	11	BF	BF	- 21	-4.45%	-9.54%	-10.61%
	First Trust China AlphaDEX Fund	FCA	32.46	120	3	4	4	6	6	3	6	9	5	7	19	13	11	18	4	4	3	1	U3	10	AR	AR	+ 7	-4.54%	-0.08%	15.73%
	Invesco Golden Dragon China ETF	PGJ	26.68	116	30	30	30	30	29	29	29	30	30	29	30	30	30	30	28	29	30	25	D3	3	BF	BF	- 21	-4.22%	-10.76%	-9.97%
	iShares MSCI China Small-Cap ETF	ECNS	33.76	91	28	23	20	23	27	28	26	29	30	30	30	30	30	30	29	27	29	12	U2	6	BR	BR	- 1	-5.99%	-4.42%	2.06%
	KraneShares MSCI All China Health C	KURE	16.89	80	30	30	28	29	29	30	29	28	28	30	30	30	30	30	29	29	29	14	D3	1	BF	BR	- 2	-3.82%	-6.27%	-5.46%
	VanEck ChiNext ETF	CNXT	43.99	66	20	15	14	15	14	4	3	2	1	1	1	1	1	1	1	1	1	1	U3	13	BR	AR	- 21	-5.03%	-3.66%	1.65%
	KraneShares MSCI China Clean Techn	KGRN	27.17	60	28	30	28	29	29	30	29	30	30	29	30	30	30	30	29	29	30	14	U1	4	BR	BR	- 2	-0.77%	-2.13%	-0.73%
		Xtrackers Harvest CSI 500 China A-Sh	ASHS	43.22	37	3	2	4	4	4	2	2	1	1	3	3	3	5	6	7	5	5	2	U3	13	AR	AR	+ 9	-5.57%	0.93%
FIXED INCOME - Bonds (US)																														
EF-62	Broad Bond Market				22	24	25	25	27	19	20	21	19	16	14	15	15	17	16	14	11	13	U3	10	AR	AR	+ 4	-1.09%	0.32%	1.29%
	Vanguard Total Bond Market ETF	BND	74.24	152,535	22	25	25	26	27	20	21	22	20	17	15	17	16	18	16	16	13	14	U3	38	AR	AR	- 53	-0.94%	0.32%	1.03%
	iShares Core U.S. Aggregate Bond ET	AGG	100.12	139,747	22	25	25	26	27	20	21	22	20	17	15	17	16	18	16	16	13	14	U3	38	AR	AR	- 53	-0.95%	0.30%	1.07%
	iShares Core Total USD Bond Market f	IUSB	46.59	35,870	22	25	25	26	27	20	21	22	20	17	15	17	16	18	16	16	13	14	U3	39	AR	AR	- 54	-0.96%	0.16%	0.98%
	Vanguard Intermediate-Term Bond ET	BIV	77.93	28,527	22	25	25	26	27	20	22	22	21	17	15	17	16	18	16	16	13	14	U3	49	AR	AR	- 53	-1.08%	0.38%	0.88%
	Schwab US Aggregate Bond ETF	SCHZ	23.42	9,977	21	25	25	26	27	19	21	22	20	17	15	17	16	18	16	16	13	14	U3	38	AR	AR	- 53	-0.90%	0.37%	1.07%
	State Street SPDR Portfolio Aggregate	SPAB	25.81	9,101	22	25	25	26	27	20	21	22	20	17	15	17	16	18	16	16	13	14	U3	37	AR	AR	- 53	-1.02%	0.28%	1.03%
	PIMCO Active Bond Exchange-Traded	BOND	93.27	7,645	20	24	25	24	25	19	21	21	19	16	15	16	16	17	16	15	12	14	U3	38	AR	AR	- 54	-1.01%	0.21%	1.33%
	Vanguard Long-Term Bond ETF	BLV	69.98	6,067	24	23	25	24	28	21	21	22	21	18	16	18	18	18	15	15	13	14	U3	5	AR	AR	- 31	-1.82%	0.65%	0.97%
	iShares Core 10+ Year USD Bond ETF	ILTB	49.90	629	24	24	25	24	28	21	21	22	21	17	15	18	17	17	14	15	12	14	U3	5	AR	AR	- 32	-1.82%	0.53%	0.86%
	iShares Agency Bond ETF	AGZ	110.10	567	22	25	25	27	27	20	21	22	21	17	15	17	16	19	17	17	13	14	U3	52	AR	AR	- 120	-0.49%	0.23%	0.87%
	Vident U.S. Bond Strategy ETF	VBND	44.05	502	23	25	25	26	27	20	21	22	21	17	16	18	17	18	17	16	13	14	U3	8	BR	AR	- 53	-0.99%	0.04%	0.89%

Group or Corp		Ticker	Price	MKT Cap(MM)	Relative Strength Ranking - RSR																				% Price Δ					
					03/06	02/27	02/20	02/13	02/06	01/30	01/23	01/16	01/09	01/02	12/31	12/26	12/19	12/12	12/05	11/28	11/21	11/14	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month	
EF-63	U.S. Government				22	23	26	25	28	20	21	22	20	17	15	17	15	18	16	14	11	13	U3	4	AR	AR	+ 4	-1.48%	0.93%	1.46%
	iShares 7-10 Year Treasury Bond ETF	IEF	96.45	48,273	22	24	25	26	28	20	22	23	21	17	15	17	16	18	16	15	13	14	U3	4	AR	AR	- 51	-1.29%	0.69%	0.92%
	iShares 20+ Year Treasury Bond ETF	TLT	88.46	44,761	23	23	25	24	28	22	22	23	22	19	17	18	19	19	15	15	12	13	U2	3	AR	AR	- 26	-2.28%	1.39%	1.44%
	Vanguard Intermediate-Term Treasury	VGIT	60.00	39,984	22	25	25	26	27	20	22	23	21	17	16	17	16	18	17	16	14	14	U3	50	AR	AR	- 53	-0.92%	0.46%	0.95%
	iShares U.S. Treasury Bond ETF	GOVT	23.09	35,801	22	25	25	26	28	20	22	23	21	17	16	18	17	19	17	16	13	14	U3	8	AR	AR	- 52	-0.93%	0.49%	0.98%
	iShares 3-7 Year Treasury Bond ETF	IEI	119.41	18,282	22	25	25	27	27	20	22	23	21	17	16	18	16	19	17	16	14	15	U3	50	AR	AR	- 54	-0.81%	0.36%	0.89%
	Schwab Intermediate-Term US Treasu	SCHR	25.10	12,703	22	25	25	26	28	20	22	23	21	17	16	18	16	18	17	16	13	15	U3	50	AR	AR	- 53	-0.89%	0.49%	0.92%
	Vanguard Long-Term Treasury ETF	VGLT	56.45	11,190	22	23	25	24	28	22	22	23	21	18	16	18	18	18	15	15	12	14	U3	4	AR	AR	- 27	-2.09%	1.28%	1.51%
	State Street SPDR Portfolio Intermedia	SPTI	28.88	9,507	22	25	25	26	27	20	22	23	21	17	16	18	16	18	17	16	14	14	U3	50	AR	AR	- 53	-0.88%	0.50%	0.94%
	PIMCO 25+ Year Zero Coupon US Tre	ZROZ	66.15	1,463	25	22	25	23	29	29	29	29	29	29	29	29	29	28	20	21	14	16	U2	2	AR	AR	+ 4	-3.22%	2.64%	1.13%
	Invesco Equal Weight 0-30 Year Treas	GOVI	27.73	1,081	23	23	25	26	28	21	22	23	21	18	16	18	17	18	16	15	13	14	U3	4	AR	AR	- 31	-1.70%	0.77%	1.11%
Invesco Taxable Municipal Bond ETF	BAB	27.37	1,048	20	23	25	26	27	20	21	21	19	16	15	16	16	16	15	15	12	14	U3	8	AR	AR	- 37	-1.30%	1.06%	1.27%	
EF-64	Credit				24	25	26	26	26	18	20	21	19	16	14	15	15	17	16	14	12	14	U3	16	BR	AR	- 1	-0.80%	-0.19%	0.84%
	Vanguard Intermediate-Term Corporat	VCIT	83.63	65,510	22	25	25	26	27	19	21	22	20	16	15	16	16	17	16	16	13	14	U3	43	AR	AR	- 55	-0.93%	0.07%	0.79%
	iShares iBoxx \$ Investment Grade Cor	LQIG	110.16	31,032	24	25	25	26	27	20	21	22	21	17	15	18	16	17	16	16	13	14	U3	8	BR	AR	- 52	-1.02%	-0.02%	0.48%
	iShares 5-10 Year Investment Grade C	IGIB	53.77	18,180	22	25	25	26	26	19	21	22	20	16	15	16	16	17	16	16	13	14	U3	43	BR	AR	- 56	-0.97%	0.02%	0.77%
	State Street SPDR Portfolio Intermedia	SPIB	33.76	10,790	22	25	25	26	26	19	21	22	20	16	15	17	16	18	17	16	13	14	U3	51	AR	AR	- 118	-0.67%	0.04%	0.88%
	Vanguard Long-Term Corporate Bond	VCLT	75.84	7,812	25	25	25	26	28	20	21	22	21	18	15	18	17	17	15	16	13	14	U3	7	BR	AR	- 35	-1.44%	-0.15%	0.24%
	iShares 10+ Year Investment Grade C	IGLB	50.40	2,742	25	25	25	26	28	20	21	22	21	18	15	18	17	17	15	16	13	14	U3	7	BR	AR	- 35	-1.50%	-0.20%	0.21%
	iShares 0-5 Year Investment Grade Co	SLQD	50.65	2,360	21	25	25	27	27	19	21	22	21	17	15	17	16	18	17	17	14	15	U3	65	AR	AR	- 165	-0.28%	0.11%	1.00%
	State Street SPDR Portfolio Corporate	SPBO	29.30	1,863	23	25	25	26	27	19	21	22	20	17	15	17	16	17	16	16	13	14	U3	40	BR	AR	- 54	-0.90%	0.00%	0.74%
	iShares Aaa-A Rated Corporate Bond	QLTA	48.02	1,712	24	25	25	26	27	20	21	22	21	17	15	18	16	18	16	16	13	14	U3	39	BR	AR	- 52	-0.89%	0.07%	0.58%
	PIMCO Investment Grade Corporate B	CORP	97.80	1,485	23	25	25	26	27	19	21	22	20	17	15	17	16	17	16	16	13	14	U3	40	BR	AR	- 55	-0.92%	0.05%	0.76%
	State Street SPDR Portfolio Long Term	SPLB	22.56	1,255	26	25	25	26	28	20	21	22	21	18	16	18	18	17	15	16	13	14	U3	7	BR	AR	- 34	-1.53%	-0.18%	0.13%
	WisdomTree Yield Enhanced U.S. Agg	AGGY	44.09	891	22	25	25	26	27	20	21	22	20	17	15	17	16	18	16	16	13	14	U3	39	AR	AR	- 53	-0.97%	0.27%	0.94%
	iShares Interest Rate Hedged Corpora	LQDH	92.09	493	24	25	25	27	25	19	20	21	19	15	14	16	15	17	17	17	13	15	D1	1	BR	AR	- 171	0.02%	-0.90%	0.05%
	iShares Interest Rate Hedged High Yie	HYGH	85.14	451	23	25	25	26	25	19	20	20	18	16	15	17	15	17	17	17	14	15	D1	1	BR	AR	- 43	-0.15%	-1.06%	0.21%
	ProShares Investment Grade-Interest	IGHG	77.61	283	24	27	25	28	26	19	21	22	20	16	15	17	16	17	18	18	14	15	D1	1	BF	AR	- 172	0.40%	-0.85%	-0.40%
Invesco Global ex-US High Yield Corpc	PGHY	19.74	223	23	23	25	26	25	19	20	21	18	16	15	16	16	17	17	17	13	14	U3	43	BR	AR	- 169	-1.45%	-0.61%	0.84%	
Invesco Fundamental Investment Grac	PFIG	24.27	110	21	25	25	26	26	19	21	22	20	16	15	18	16	18	17	16	14	15	U3	51	AR	AR	- 118	-0.43%	0.11%	0.98%	
EF-65	Asset Allocation				19	21	21	21	20	15	17	17	15	12	12	12	12	12	12	10	10	U3	35	BR	AR	- 1	-2.01%	-1.38%	1.26%	
	iShares Core 80/20 Aggressive Allocat	AOA	90.17	2,822	21	18	18	19	19	17	19	19	17	16	15	17	17	17	15	13	14	14	U3	39	BR	AR	- 1	-3.44%	-2.55%	1.30%
	iShares Core 40/60 Moderate Allocatio	AOM	48.06	1,685	22	22	22	22	23	23	25	24	23	21	19	20	21	22	22	19	15	18	U3	41	BR	AR	- 1	-2.20%	-1.17%	1.24%
	WBI BullBear Yield 3000 ETF	WBIG	24.32	28	13	21	22	21	22	17	18	19	16	14	12	14	13	14	13	15	10	12	U3	28	AR	AR	- 27	-0.18%	0.58%	3.10%
	WBI BullBear Quality 3000 ETF	WBIL	35.02	27	26	21	21	22	20	22	23	22	20	20	19	18	17	15	12	11	14	14	U3	32	BR	AR	- 1	-3.63%	-2.69%	-0.50%
	VanEck Long/Flat Trend ETF	LFEQ	53.37	27	26	25	24	26	23	19	21	20	17	16	9	18	15	13	10	21	5	10	D1	2	BF	AR	- 17	-1.92%	-2.77%	-1.66%
	WBI BullBear Value 3000 ETF	WBIF	32.54	25	12	18	19	20	19	23	23	22	23	23	23	20	21	19	20	18	19	16	U3	13	AR	AR	+ 5	-0.71%	0.28%	3.88%
	EF-66	Mortgages				20	24	25	25	25	18	20	21	18	15	14	15	14	17	16	14	11	13	U3	39	AR	AR	+ 4	-0.76%	0.38%
iShares MBS ETF		MBB	95.54	39,191	20	23	25	23	26	19	21	21	18	16	15	16	16	17	16	15	13	14	U3	37	AR	AR	- 53	-1.08%	0.35%	1.47%
Vanguard Mortgage-Backed Securities		VMBS	47.22	15,051	20	24	25	23	25	19	21	21	19	16	15	16	16	17	16	15	13	14	U3	37	AR	AR	- 54	-1.00%	0.34%	1.44%
State Street SPDR Portfolio Mortgage		SPMB	22.53	6,892	19	24	25	23	25	19	21	21	19	16	15	16	16	17	16	15	12	14	U3	37	AR	AR	- 53	-0.97%	0.35%	1.49%
First Trust Low Duration Opportunities		LMBS	50.18	6,014	19	24	25	26	26	19	21	21	19	16	15	16	16	18	17	16	13	14	U3	65	AR	AR	- 164	-0.52%	0.30%	1.45%
FlexShares iBoxx 5 Year Target Duratio		TDTF	24.30	1,007	20	26	28	27	27	28	29	29	28	29	28	28	27	28	28	28	23	26	U3	6	AR	AR	+ 4	-0.14%	0.73%	1.46%

			Relative Strength Ranking - RSR																				% Price Δ								
Group or Corp	Ticker	Price	MKT Cap(MM)	03/	02/	02/	02/	02/	01/	01/	01/	01/	01/	12/	12/	12/	12/	12/	11/	11/	11/	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month			
				06	27	20	13	06	30	23	16	09	02	31	26	19	12	05	28	21	14										
EF-66	Mortgages																														
	iShares GNMA Bond ETF	GNMA	44.74	405	19	23	25	25	25	19	21	21	19	16	15	16	16	17	16	15	13	14	U3	37	AR	AR	- 53	-0.84%	0.37%	1.67%	
	FlexShares Disciplined Duration MBS II	MBSD	20.82	93	21	25	25	26	26	19	21	22	19	16	15	17	16	17	17	16	13	14	U3	37	AR	AR	- 54	-0.77%	0.25%	1.00%	
EF-67	Inflation				22	26	27	27	27	19	21	22	21	17	16	17	17	18	17	16	12	14	U3	6	AR	AR	+ 4	-0.38%	0.65%	1.23%	
	Vanguard Short-Term Inflation-Protect	VTIP	49.99	16,394	21	27	28	27	27	28	28	28	28	28	28	27	27	28	28	29	24	27	U3	16	AR	AR	+ 4	0.18%	0.58%	1.18%	
	Schwab US TIPS ETF	SCHP	26.85	15,718	21	25	27	27	27	28	29	29	28	29	28	27	27	28	28	28	22	26	U3	3	AR	AR	+ 4	-0.37%	0.67%	1.42%	
	iShares TIPS Bond ETF	TIP	111.43	14,341	21	25	28	27	27	29	29	29	28	29	28	27	27	28	28	28	23	26	U3	2	AR	AR	+ 4	-0.40%	0.69%	1.40%	
	iShares 0-5 Year TIPS Bond ETF	STIP	103.50	14,226	21	27	28	27	27	28	28	28	28	28	28	27	27	28	28	29	24	27	U3	16	AR	AR	+ 4	0.17%	0.58%	1.18%	
	State Street SPDR Bloomberg 1-10 Ye	TIPX	19.31	1,844	21	25	25	27	28	20	22	23	22	18	17	18	18	19	17	17	14	15	U3	7	AR	AR	- 117	-0.15%	0.68%	1.19%	
	State Street SPDR Portfolio TIPS ETF	SPIP	26.28	1,001	22	25	25	27	28	20	22	23	22	18	17	19	18	19	17	17	14	15	U3	5	AR	AR	- 54	-0.45%	0.65%	1.15%	
	PIMCO 15+ Year US TIPS Index Excha	LTPZ	52.47	665	26	23	26	25	28	29	29	29	28	29	29	29	28	28	23	25	17	20	U2	3	AR	AR	+ 4	-2.11%	0.59%	0.71%	
	PIMCO 1-5 Year US TIPS Index Excha	STPZ	54.23	446	21	27	28	27	27	28	29	28	28	28	28	28	27	27	28	28	29	25	27	U3	9	AR	AR	+ 4	0.11%	0.60%	1.12%
	PIMCO Broad U.S. TIPS Index ETF	TIPZ	53.67	87	21	25	27	26	27	28	29	29	28	28	28	28	27	27	28	27	28	23	25	U3	6	AR	AR	+ 4	-0.43%	0.75%	1.23%
EF-68	Short Duration				21	26	26	26	26	18	20	21	20	16	15	16	15	17	16	16	13	14	U3	167	AR	AR	- 23	-0.12%	0.16%	0.89%	
	Vanguard Short-Term Bond ETF	BSV	78.69	43,970	22	25	25	27	27	19	21	22	21	17	16	18	16	19	17	17	14	15	U3	55	AR	AR	- 123	-0.43%	0.15%	0.87%	
	State Street SPDR Bloomberg 1-3 Mor	BIL	91.44	43,780	21	25	25	27	27	19	21	22	21	17	16	18	16	19	18	17	14	15	U3	198	AR	AR	- 198	0.07%	0.27%	0.88%	
	Vanguard Short-Term Corporate Bond	VCSH	79.60	40,555	21	25	25	26	26	19	21	22	21	16	15	17	16	18	17	17	14	15	U3	64	AR	AR	- 165	-0.41%	0.00%	0.97%	
	Vanguard Short-Term Treasury ETF	VGSH	58.67	28,316	22	25	25	27	27	19	21	22	21	17	16	18	16	19	18	17	14	15	U3	64	AR	AR	- 163	-0.27%	0.15%	0.88%	
	iShares 1-3 Year Treasury Bond ETF	SHY	82.73	24,604	22	25	25	27	27	20	21	22	21	17	16	18	16	19	18	17	14	15	U3	64	AR	AR	- 162	-0.27%	0.11%	0.83%	
	iShares 1-5 Year Investment Grade Co	IGSB	52.80	22,577	21	25	25	26	26	19	21	22	21	16	15	17	16	18	17	17	14	15	U3	64	AR	AR	- 165	-0.44%	0.03%	1.02%	
	iShares Trust iShares 0-1 Year Treasur	SHV	110.16	20,012	21	25	25	27	27	19	21	22	21	17	16	18	16	19	18	17	14	15	U3	186	AR	AR	- 185	0.07%	0.26%	0.88%	
	WisdomTree Floating Rate Treasury Fi	USFR	50.38	16,065	21	27	25	27	27	19	21	22	21	17	16	18	16	19	18	17	14	15	U3	214	AR	AR	- 214	0.06%	0.29%	1.05%	
	PIMCO Enhanced Short Maturity Activ	MINT	100.45	14,980	20	25	25	27	27	19	21	22	21	17	16	18	16	19	18	17	14	15	U3	171	AR	AR	- 169	0.10%	0.32%	1.12%	
	Schwab Short-Term US Treasury ETF	SCHO	24.32	11,812	22	25	25	27	27	19	21	22	21	17	16	18	16	19	18	17	14	15	U3	64	AR	AR	- 162	-0.24%	0.17%	0.84%	
	iShares Floating Rate Bond ETF	FLOT	50.87	9,232	21	25	25	27	27	19	21	22	21	17	16	18	16	19	17	17	14	15	U3	44	AR	AR	- 181	0.06%	0.19%	0.99%	
	State Street SPDR Portfolio Short Term	SPSB	30.16	8,958	21	25	25	27	27	19	21	22	21	16	15	17	16	19	17	17	14	15	U3	66	AR	AR	- 165	-0.18%	0.09%	0.98%	
	iShares Ultra Short Duration Bond Acti	ICSH	50.59	7,065	21	25	25	27	27	19	21	22	21	17	16	18	16	19	18	17	14	15	U3	187	AR	AR	- 185	0.06%	0.26%	0.98%	
	iShares Treasury Floating Rate Bond E	TFLO	50.52	6,391	21	25	25	27	27	19	21	22	21	17	16	18	16	19	18	18	14	15	U3	214	AR	AR	- 214	0.08%	0.26%	0.97%	
	First Trust Enhanced Short Maturity ET	FTSM	59.92	6,295	21	27	25	27	27	19	21	22	21	17	16	18	16	19	18	17	14	15	U3	186	AR	AR	- 185	-0.03%	0.20%	0.97%	
	State Street SPDR Portfolio Short Term	SPTS	29.23	5,647	22	25	25	27	27	19	21	22	21	17	16	18	16	19	17	17	14	15	U3	64	AR	AR	- 162	-0.26%	0.15%	0.86%	
	iShares Core 1-5 Year USD Bond ETF	ISTB	48.66	4,764	22	25	25	27	27	19	21	22	21	17	16	17	16	19	17	17	14	15	U3	63	AR	AR	- 164	-0.40%	0.07%	0.90%	
	iShares Short Duration Bond Active ET	NEAR	50.99	4,168	22	25	25	27	27	19	21	22	21	16	15	17	16	19	17	17	14	15	U3	66	AR	AR	- 180	-0.35%	-0.02%	0.97%	
	State Street SPDR Bloomberg Investm	FLRN	30.74	2,736	21	25	25	27	27	19	21	22	21	17	16	18	16	19	18	17	14	15	U3	44	AR	AR	- 182	0.00%	0.19%	0.99%	
	VanEck IG Floating Rate ETF	FLTR	25.51	2,575	19	25	25	27	26	19	21	22	20	16	16	17	16	19	17	17	14	15	U3	44	AR	AR	- 180	0.06%	0.26%	1.31%	
	FlexShares iBoxx 3 Year Target Durati	TDTT	24.30	2,558	21	27	28	27	27	28	29	29	28	28	28	28	27	28	28	29	24	27	U3	10	AR	AR	+ 4	0.12%	0.54%	1.11%	
	State Street Ultra Short Term Bond ET	ULST	40.50	613	21	25	25	27	27	19	21	22	21	17	16	18	16	19	18	17	14	15	U3	183	AR	AR	- 183	-0.01%	0.17%	0.98%	
	Fidelity Limited Term Bond ETF	FLTB	50.67	377	21	25	25	27	27	19	21	22	21	16	15	17	16	18	17	17	14	15	U3	64	AR	AR	- 164	-0.36%	0.11%	1.03%	
	Franklin Short Duration U.S. Governme	FTSD	90.90	275	20	25	25	27	26	19	21	22	20	16	15	17	16	18	17	17	14	15	U3	138	AR	AR	- 162	0.01%	0.21%	1.14%	
	WisdomTree Interest Rate Hedged Hig	HYZD	22.31	216	23	27	25	26	25	18	20	21	18	15	15	16	16	17	17	17	13	15	D1	1	BR	AR	- 43	-0.27%	-0.71%	0.47%	
	WisdomTree Interest Rate Hedged U.S	AGZD	22.52	89	20	27	25	27	27	19	21	21	20	17	16	16	16	18	17	18	14	15	U3	42	AR	AR	- 173	0.19%	0.33%	1.10%	
EF-69	Municipal Bonds				20	23	24	24	24	18	20	20	17	14	14	15	14	16	15	14	11	13	U3	30	AR	AR	- 1	-0.76%	0.15%	1.45%	
	iShares National Muni Bond ETF	MUB	107.55	42,805	20	24	25	25	25	19	20	21	18	15	15	16	15	17	16	15	12	14	U3	27	AR	AR	- 27	-0.99%	0.14%	1.40%	
	Vanguard Tax-Exempt Bond ETF	VTEB	50.56	41,535	19	24	25	25	25	19	20	21	18	15	15	16	15	16	15	15	12	14	U3	27	AR	AR	- 27	-0.87%	0.11%	1.52%	
	iShares Short-Term National Muni Bond	SUB	106.83	10,833	23	25	25	27	27	19	21	22	21	17	17	18	17	19	18	18	14	16	U3	15	BR	AR	- 121	-0.35%	-0.13%	1.00%	

				Relative Strength Ranking - RSR																		% Price Δ								
Group or Corp	Ticker	Price	MKT Cap(MM)	03/	02/	02/	02/	02/	01/	01/	01/	01/	01/	12/	12/	12/	12/	12/	11/	11/	11/	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month		
				06	27	20	13	06	30	23	16	09	02	31	26	19	12	05	28	21	14									
EF-69 Municipal Bonds																														
VanEck High Yield Muni ETF	HYD	50.86	4,211	21	25	25	26	25	19	20	20	17	14	14	15	14	16	15	15	12	14	U3	25	BR	AR	- 24	-1.11%	0.06%	1.01%	
Invesco National AMT-Free Municipal E PZA		23.31	3,713	20	23	25	24	24	18	20	20	18	14	14	15	14	15	14	14	11	12	U3	24	AR	AR	- 24	-1.23%	0.12%	1.43%	
State Street SPDR Nuveen ICE Short T SHM		48.20	3,502	22	25	25	27	27	19	21	22	21	17	17	18	18	19	18	18	14	16	U3	12	AR	AR	- 118	-0.24%	0.00%	1.24%	
State Street SPDR Nuveen ICE Municipi TFI		45.91	3,019	20	24	25	24	25	19	21	21	18	15	15	16	15	17	16	15	12	14	U3	28	AR	AR	- 28	-0.98%	-0.05%	1.45%	
State Street SPDR Nuveen ICE High Y HYMB		25.18	3,012	18	23	24	24	25	19	20	20	18	15	15	15	15	16	15	15	12	14	U3	25	AR	AR	- 23	-0.70%	0.68%	1.90%	
PIMCO Intermediate Municipal Bond A MUNI		52.80	2,740	19	25	25	24	25	19	21	21	19	16	15	16	15	17	16	15	12	14	U3	30	AR	AR	- 32	-0.75%	0.05%	1.55%	
VanEck Intermediate Muni ETF ITM		47.38	2,201	19	23	24	23	24	18	20	21	18	15	14	15	14	16	15	15	12	14	U3	30	AR	AR	- 32	-0.99%	-0.13%	1.58%	
First Trust Managed Municipal ETF FMB		51.54	1,969	18	23	24	23	24	18	20	21	18	15	14	15	15	17	15	15	12	14	U3	27	AR	AR	- 27	-0.87%	0.18%	1.85%	
Franklin Dynamic Municipal Bond ETF FLMI		25.14	1,810	18	23	23	23	24	18	20	20	18	15	14	15	15	16	15	14	11	14	U3	30	AR	AR	- 34	-0.93%	0.26%	2.20%	
iShares Short Maturity Municipal Bond MEAR		50.44	1,382	22	25	25	27	27	20	21	22	21	17	17	18	17	19	18	18	14	16	U3	175	AR	AR	- 187	-0.11%	0.17%	0.91%	
PIMCO Short Term Municipal Bond Act SMMU		50.65	1,036	21	25	25	27	27	19	21	22	21	17	17	18	17	19	18	18	14	15	U3	42	AR	AR	- 167	-0.24%	0.04%	1.09%	
VanEck Short High Yield Muni ETF SHYD		22.89	417	21	25	25	26	26	19	21	21	19	16	15	17	16	18	17	17	14	15	U3	33	BR	AR	- 39	-0.61%	-0.13%	1.20%	
VanEck CEF Muni Income ETF XMPT		22.18	218	16	21	22	20	23	17	20	18	16	13	14	14	14	13	13	14	9	11	U3	27	AR	AR	- 26	-1.39%	0.39%	2.13%	
Franklin Municipal Green Bond ETF FLMB		23.97	92	18	23	24	23	24	18	20	20	18	14	14	15	14	15	14	14	11	12	U3	26	AR	AR	- 25	-1.13%	0.38%	1.65%	
Invesco Floating Rate Municipal Incom PVI		24.75	31	24	27	28	28	28	20	22	23	22	17	17	19	18	20	18	18	15	16	U3	200	AF	AR	- 198	-0.03%	0.20%	0.38%	
First Trust Flexible Municipal High Inco MFLX		17.18	18	18	22	23	23	24	18	20	20	18	15	14	15	15	16	15	15	11	13	U3	26	AR	AR	- 25	-1.01%	0.52%	2.26%	
FIXED INCOME - Bonds (Intl)																														
EF-70 High Yield																														
iShares iBoxx \$ High Yield Corporate B HYG		79.69	16,488	24	25	25	26	25	19	20	21	19	16	15	17	16	17	17	17	14	15	U3	43	BR	AR	- 166	-0.79%	-0.90%	0.13%	
iShares 0-5 Year High Yield Corporate SHYG		42.27	7,638	24	25	25	27	26	19	21	21	19	16	15	16	16	17	17	17	14	15	U3	43	BR	AR	- 170	-0.58%	-0.77%	0.22%	
State Street SPDR Bloomberg High Yic JNK		95.91	7,526	24	25	25	26	25	19	20	21	18	15	15	16	16	17	16	17	14	15	U3	43	BR	AR	- 165	-0.84%	-1.00%	0.19%	
Invesco Senior Loan ETF BKLN		20.36	6,155	26	28	28	28	28	20	21	21	18	15	14	16	15	17	17	17	13	15	D2	2	BF	BR	- 171	0.74%	-1.07%	-1.40%	
State Street Blackstone Senior Loan E SRLN		39.76	5,097	26	28	28	28	28	20	21	21	19	15	15	16	16	17	17	17	13	15	D2	2	BF	BR	- 164	0.25%	-1.75%	-2.02%	
State Street SPDR Bloomberg Short Tr SJNK		24.97	4,962	24	25	25	27	26	19	21	21	19	16	15	17	16	17	17	17	14	15	U3	43	BR	AR	- 169	-0.54%	-0.78%	0.18%	
VanEck Fallen Angel High Yield Bond f ANGL		29.05	3,095	24	25	24	23	25	19	20	21	18	15	15	16	15	17	16	17	13	14	U3	42	BR	AR	- 43	-1.49%	-1.06%	0.26%	
First Trust Tactical High Yield ETF HYL5		40.90	1,791	26	27	28	28	28	19	21	21	19	16	15	17	16	18	17	17	14	15	D1	3	BF	AR	- 163	-0.46%	-0.97%	-0.70%	
PIMCO 0-5 Year High Yield Corporate I HYS		93.26	1,632	24	25	25	27	26	19	20	21	18	15	14	16	16	17	17	17	13	14	D1	1	BR	AR	- 169	-0.58%	-0.74%	0.22%	
iShares J.P. Morgan EM High Yield Bor EMHY		40.08	591	19	23	22	22	23	17	18	20	17	13	12	14	14	14	14	14	10	12	U3	43	BR	AR	- 120	-1.36%	-0.90%	1.18%	
iShares CMBS ETF CMBS		49.39	506	19	24	25	26	26	19	21	22	21	16	16	17	16	18	17	17	14	15	U3	54	AR	AR	- 117	-0.71%	0.52%	1.59%	
Principal Active High Yield ETF YLD		18.92	484	21	25	25	26	25	19	20	21	20	17	16	18	17	18	18	18	14	15	U3	12	BR	AR	- 41	-0.49%	-0.49%	1.00%	
SPDR Bloomberg International Corpor IBND		31.60	476	26	25	25	23	25	18	20	23	22	17	16	19	17	20	18	20	15	17	U3	10	BR	BR	- 49	-2.93%	-2.45%	-0.36%	
Invesco Bloomberg Enhanced Fallen A IFLN		18.25	398	26	26	25	26	25	19	20	21	19	15	15	16	16	17	16	16	13	15	U3	43	BF	AR	- 167	-1.60%	-1.80%	-0.71%	
Invesco International Corporate Bond E PICB		23.67	341	25	22	24	23	24	17	20	22	21	17	15	18	16	19	18	20	16	16	U3	12	BF	AR	- 49	-2.59%	-1.82%	0.68%	
iShares US & Intl High Yield Corp Bonc GHYG		45.28	204	26	25	25	26	26	18	20	21	19	16	15	17	16	18	17	18	14	15	D1	1	BF	AR	- 121	-1.22%	-1.26%	-0.10%	
ProShares High Yield-Interest Rate He HYHG		63.67	164	23	25	25	27	25	18	20	21	20	16	15	17	16	17	18	18	14	16	U3	34	BR	AR	- 40	-0.20%	-0.93%	0.25%	
RiverFront Strategic Income Fund RIGS		23.11	66	21	25	26	26	26	19	21	24	20	17	16	18	17	18	17	17	14	15	U3	43	AR	AR	- 117	-0.63%	0.01%	0.89%	
VanEck International High Yield Bond F IHY		21.76	52	24	25	25	24	24	18	20	21	20	16	15	17	16	18	18	18	14	16	U3	13	BR	AR	- 120	-1.75%	-1.60%	0.55%	
EF-71 Intl Sovereign Debt																														
iShares JP Morgan USD Emerging Mai EMB		95.75	17,340	21	23	23	23	24	18	20	21	18	14	13	14	14	14	14	14	10	12	U3	43	BR	AR	- 118	-1.62%	-0.56%	0.64%	
Vanguard Emerging Markets Governm VWOB		66.94	6,055	22	23	24	23	24	19	20	21	18	14	13	14	14	15	14	14	10	12	U3	43	BR	AR	- 117	-1.60%	-0.48%	0.56%	
VanEck J. P. Morgan EM Local Curren EMLC		25.59	5,034	21	21	21	19	21	15	17	20	17	13	13	14	14	16	15	16	12	14	U3	49	BR	AR	- 52	-3.32%	-2.37%	1.34%	
SPDR Bloomberg Emerging Markets L EBND		21.11	2,326	25	22	23	21	24	17	19	21	18	15	14	16	16	18	17	18	13	15	U3	49	BR	AR	- 53	-3.12%	-2.09%	0.77%	
SPDR Bloomberg International Treasur BWX		22.36	1,659	26	25	25	24	28	19	22	24	24	19	18	22	21	22	21	22	17	18	U3	1	BR	BF	- 3	-2.74%	-1.24%	-0.09%	
Invesco Emerging Markets Sovereign I PCY		21.49	1,444	24	22	23	23	25	19	20	21	18	13	12	14	13	13	13	13	9	10	U3	35	BF	AR	- 37	-2.23%	-0.50%	-0.19%	
iShares International Treasury Bond E IGOV		41.83	1,203	26	23	24	23	25	26	28	29	29	29	29	28	29	29	29	29	29	28	U3	4	BR	BR	+ 7	-2.70%	-1.25%	0.64%	

			Relative Strength Ranking - RSR																	% Price Δ										
Group or Corp	Ticker	Price	MKT Cap(MM)	03/06	02/27	02/20	02/13	02/06	01/30	01/23	01/16	01/09	01/02	12/31	12/26	12/19	12/12	12/05	11/28	11/21	11/14	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month		
EF-71	Intl Sovereign Debt																													
	iShares J.P. Morgan EM Local Currenc LEMB	41.56	889	22	20	21	19	20	18	20	24	23	19	18	20	21	22	22	22	17	19	U3	51	BF	AR	- 1	-3.25%	-2.27%	1.09%	
	SPDR FTSE International Government WIP	40.25	413	15	18	20	18	19	14	16	19	17	15	14	17	15	17	17	18	14	15	U3	27	BR	AR	- 48	-2.07%	-0.77%	3.47%	
	First Trust Emerging Markets Local Cui FEMB	29.57	386	22	18	18	19	20	15	17	19	17	13	13	15	14	15	15	15	10	13	U3	48	BF	AR	- 50	-3.96%	-2.70%	1.19%	
	SPDR Bloomberg Short Term Internati BWZ	27.25	349	26	25	25	23	26	18	21	24	23	19	18	21	19	21	21	21	17	19	U3	3	BR	BR	- 6	-1.83%	-1.47%	0.58%	
ALTERNATIVES																														
EF-72	Currency			21	23	24	22	24	16	19	22	21	16	15	18	17	19	19	20	16	17	U3	7	BR	AR	+ 12	-1.10%	-0.72%	1.55%	
	Invesco CurrencyShares Swiss Franc ` FFX	113.65	551	18	22	24	21	24	22	26	29	29	27	27	27	27	28	29	29	28	26	U3	8	AR	AR	+ 7	-1.07%	-0.35%	2.33%	
	Invesco CurrencyShares Japanese Yer FXY	58.19	489	28	28	28	28	29	29	29	30	30	30	30	30	30	30	30	30	30	30	U1	5	BF	BF	+ 8	-1.09%	-0.53%	-1.34%	
	Invesco CurrencyShares Euro Trust FXE	107.07	466	26	25	25	26	26	19	21	24	23	17	16	18	17	20	19	20	15	17	U3	6	BF	BR	- 49	-1.78%	-1.80%	-0.14%	
	Invesco CurrencyShares Australian Do FXA	69.54	101	8	16	17	17	18	13	16	21	18	15	14	17	15	17	18	20	15	17	U3	13	AR	AR	- 42	-1.31%	0.19%	6.07%	
	Invesco CurrencyShares Canadian Do FXC	71.94	86	18	25	25	26	25	18	21	24	23	17	15	19	17	20	20	22	17	19	U3	6	AR	AR	- 10	0.46%	0.53%	1.83%	
	Invesco CurrencyShares British Pound FXB	128.66	71	24	25	25	23	24	17	20	23	21	17	15	19	18	20	20	22	18	19	U3	5	BR	AR	- 11	-0.65%	-1.54%	0.96%	
	WisdomTree Emerging Currency Strat CEW	19.03	15	20	22	22	19	22	20	21	25	23	20	19	22	22	23	23	27	23	23	U3	52	BR	AR	- 1	-2.28%	-1.55%	1.13%	
EF-73	Commodities			1	2	3	5	4	4	4	5	5	5	5	4	6	8	8	6	7	7	U3	29	AR	AR	+ 16	-0.45%	5.81%	18.18%	
	SPDR Gold Shares	GLD	473.51	177,756	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	U3	61	AR	AR	+ 7	-2.12%	3.96%	19.74%	
	iShares Gold Trust	IAU	96.98	81,861	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	U3	61	AR	AR	+ 7	-2.11%	4.01%	19.74%	
	Sprott Physical Gold Trust Units	PHYS	39.21	19,116	1	1	1	1	2	1	1	1	1	1	1	1	1	1	2	1	1	U3	61	AR	AR	+ 7	-2.34%	5.09%	19.22%	
	abrdn Physical Gold Shares ETF	SGOL	49.10	8,956	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	U3	61	AR	AR	+ 7	-2.05%	4.07%	19.81%	
	abrdn Physical Silver Shares ETF	SIVR	79.80	6,061	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	U3	46	BR	AR	- 5	-10.60%	8.32%	35.58%	
	State Street SPDR S&P Global Natural GNR	72.34	4,709	2	1	2	1	3	3	3	3	5	4	4	5	7	7	8	7	11	8	U3	38	AR	AR	+ 15	-4.25%	2.95%	17.93%	
	abrdn Physical Precious Metals Basket GLTR	241.71	3,287	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	U3	60	AR	AR	- 4	-5.77%	5.00%	24.24%	
	VanEck Merk Gold ETF	OUNZ	49.57	3,132	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	U3	61	AR	AR	+ 7	-2.13%	3.99%	19.76%	
	abrdn Physical Platinum Shares ETF	PPLT	193.41	2,979	3	1	1	2	1	1	1	1	1	1	1	1	1	1	2	1	2	2	D1	3	BR	AR	- 5	-9.93%	1.10%	21.62%
	First Trust Global Tactical Commodity ` FTGC	27.96	2,350	1	10	14	17	15	3	6	15	18	17	15	13	20	19	9	9	6	9	U3	28	AR	AR	+ 8	9.53%	13.61%	20.94%	
	Invesco DB Commodity Index Tracking DBC	27.51	1,576	1	7	11	15	14	4	6	17	19	21	19	19	25	24	20	21	24	18	U3	27	AR	AR	+ 21	9.60%	14.58%	24.07%	
	abrdn Physical Palladium Shares ETF	PALL	147.70	1,049	7	2	2	4	2	1	1	1	1	1	1	1	1	1	1	1	1	D1	3	BR	AR	- 5	-9.05%	-4.64%	8.21%	
	VanEck Agribusiness ETF	MOO	82.04	989	3	4	3	2	4	4	6	10	20	21	24	24	26	26	29	29	30	29	U3	8	AR	AR	+ 14	-4.15%	-1.19%	12.90%
	iShares S&P GSCI Commodity Indexer GSG	29.81	899	1	8	12	16	15	4	11	23	23	27	25	24	28	28	20	23	25	19	U3	9	AR	AR	+ 8	14.83%	19.62%	29.95%	
	iShares North American Natural Resou IGE	60.97	878	1	1	1	1	2	3	3	4	5	5	7	7	14	7	7	5	7	5	U3	18	AR	AR	+ 15	-2.85%	4.60%	21.06%	
	iShares U.S. ETF Trust iShares GSCI (COMT	31.49	847	1	8	12	16	15	5	11	23	23	27	26	26	28	29	23	27	28	22	U3	9	AR	AR	+ 9	12.17%	17.18%	27.36%	
	State Street SPDR S&P North America NANR	81.79	844	1	1	1	1	1	2	2	1	3	4	4	3	5	4	4	3	5	3	U3	41	AR	AR	+ 15	-4.23%	3.28%	20.81%	
	United States Copper Index Fund	CPER	35.63	841	4	6	7	8	4	2	3	2	1	1	2	5	8	6	11	16	18	U3	16	BR	AR	- 4	-3.39%	-1.68%	8.53%	
	Invesco DB Agriculture Fund	DBA	26.71	768	10	25	26	28	28	29	29	29	28	29	29	28	29	29	29	29	30	29	U3	3	AR	AR	+ 12	2.65%	3.65%	4.35%
	Sprott Physical Platinum and Palladium SPPP	16.93	595	4	1	4	7	4	1	1	1	1	1	1	1	1	1	1	2	1	3	2	D1	3	BR	AR	- 5	-10.61%	-1.68%	10.73%
	United States Commodity Index Fund	USCI	90.45	326	3	13	18	23	20	7	9	23	26	27	25	23	25	22	19	18	19	16	U3	8	AR	AR	+ 7	5.94%	11.09%	14.81%
	Invesco DB Precious Metals Fund	DBP	121.29	315	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	U3	61	AR	AR	- 1	-4.35%	4.73%	21.86%	
	Invesco DB Base Metals Fund	DBB	24.31	314	3	8	10	10	6	3	3	3	1	1	2	4	6	3	4	3	3	U3	34	AR	AR	- 4	0.54%	1.97%	12.59%	
	Teucrium Wheat Fund	WEAT	23.61	155	3	11	15	26	28	27	29	30	30	30	30	30	30	30	30	30	29	U3	1	AR	AR	+ 9	4.61%	14.06%	15.00%	
	Teucrium Corn Fund	CORN	18.52	50	8	26	28	28	29	29	29	30	26	29	28	22	26	28	28	27	28	27	U3	1	AR	AF	+ 2	3.52%	5.83%	4.34%
Teucrium Soybean Fund	SOYB	24.41	42	4	17	19	19	23	29	29	29	29	29	29	27	29	26	21	9	5	10	U3	1	AR	AR	+ 5	2.48%	6.08%	8.39%	
Teucrium Sugar Fund	CANE	9.47	18	27	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	D3	7	AF	BF	+ 2	1.94%	3.27%	-2.87%		
EF-74	Multi-Class Income			18	21	20	19	21	15	17	19	16	14	13	14	14	15	14	14	12	13	U3	19	BR	AR	- 1	-1.95%	-1.38%	2.05%	
	First Trust Senior Loan Fund	FTSL	44.81	2,205	26	27	28	28	28	20	21	21	19	16	15	16	16	18	17	17	13	15	D2	2	BF	AR	- 171	0.61%	-0.66%	-0.93%
	Invesco CEF Income Composite ETF	PCEF	19.49	791	26	23	23	23	24	17	19	20	17	15	14	16	16	15	15	18	12	14	U3	35	BF	AR	- 39	-2.79%	-2.37%	-0.38%

				Relative Strength Ranking - RSR																			% Price Δ							
Group or Corp	Ticker	Price	MKT Cap(MM)	03/06	02/27	02/20	02/13	02/06	01/30	01/23	01/16	01/09	01/02	12/31	12/26	12/19	12/12	12/05	11/28	11/21	11/14	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month		
EF-74	Multi-Class Income																													
	Amplify CEF High Income ETF	YYY	11.28	691	26	22	22	20	24	17	18	20	17	15	14	16	16	16	14	18	13	15	U3	13	BF	AR	- 39	-3.59%	-2.19%	-0.15%
	Multi-Asset Diversified Income Index Fd MDIV		16.53	412	8	18	18	19	19	16	19	20	19	17	17	19	16	19	17	18	14	16	U3	8	AR	AR	- 34	-0.12%	0.67%	5.80%
	First Trust S&P International Dividend FID		21.46	150	10	11	11	11	14	14	18	21	23	18	18	19	21	24	20	17	14	14	U3	19	BR	AR	+ 8	-4.41%	-2.13%	6.53%
	Invesco Zacks Multi-Asset Income ETF CVY		27.57	116	17	18	15	16	15	16	17	17	17	21	21	20	21	20	22	22	25	23	U3	15	BR	AR	- 1	-2.55%	-4.06%	2.23%
	First Trust High Income Strategic Focus HISF		44.97	88	23	25	25	26	26	19	21	21	20	16	15	16	16	17	16	16	13	14	U3	43	BR	AR	- 55	-1.00%	-0.17%	0.67%
	State Street Income Allocation ETF INKM		34.18	77	14	18	18	17	19	19	23	23	23	22	20	23	22	23	22	27	16	20	U3	44	AR	AR	+ 9	-2.08%	-0.57%	4.01%
	BondBloxx USD High Yield Bond Sector HYSA		14.93	31	25	25	25	27	26	19	21	21	19	16	15	16	16	18	16	17	14	14	U3	43	BR	AR	- 121	-1.63%	-0.98%	0.05%
	LEVERAGED/MISC																													
EF-75	Leveraged Long				5	3	2	3	2	4	4	5	5	5	6	5	6	6	4	4	6	5	U3	37	BR	AR	- 1	-6.68%	-4.78%	7.97%
	ProShares UltraPro QQQ	TQQQ	47.54	26,014	30	30	29	30	29	16	14	12	4	10	5	2	3	3	1	1	5	1	D3	1	BF	BR	- 18	-4.00%	-6.03%	-9.86%
	Direxion Daily Semiconductor Bull 3x S SOXL		47.89	10,574	7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	U3	35	BR	AR	- 1	-23.71%	-22.45%	14.82%
	ProShares Ultra QQQ	QLD	66.19	9,594	29	29	28	29	29	18	16	17	8	13	8	4	5	6	2	2	6	2	D2	3	BF	BR	- 19	-2.65%	-3.78%	-5.87%
	ProShares Ultra S&P 500	SSO	55.62	6,460	28	25	23	26	19	16	16	13	8	9	6	4	6	6	3	2	5	3	D2	1	BF	AR	- 19	-4.12%	-5.74%	-3.65%
	Direxion Daily S&P 500 Bull 3x Shares SPXL		206.17	5,206	29	26	22	27	18	10	13	7	4	5	4	2	4	3	1	1	3	1	D2	1	BF	AR	- 19	-6.17%	-8.69%	-6.32%
	ProShares UltraPro S&P500	UPRO	108.16	4,310	29	26	22	27	18	10	13	7	4	5	4	2	4	3	1	1	3	1	D2	1	BF	AR	- 19	-6.20%	-8.71%	-6.27%
	Direxion Daily Technology Bull 3x Shares TECL		97.26	3,302	30	30	30	30	30	27	18	10	6	5	4	2	2	3	1	1	6	1	D3	3	BF	BR	- 18	-3.57%	-9.52%	-17.07%
	Direxion Daily 20+ Year Treasury Bull 3 TMF		38.96	3,054	26	16	24	21	29	30	29	30	30	30	30	29	30	30	29	7	5	17	U2	2	AR	AR	+ 4	-6.73%	3.45%	4.55%
	ProShares Ultra Silver	AGQ	152.59	2,380	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	D1	3	BF	AR	- 5	-21.09%	11.70%	21.68%
	Direxion Daily Financial Bull 3x Shares FAS		127.66	1,921	30	30	30	30	27	29	30	24	4	5	6	3	6	6	22	28	30	29	D3	1	BF	BF	- 7	-5.29%	-20.38%	-24.51%
	ProShares Ultra Semiconductors	USD	50.35	1,588	28	27	7	15	10	2	3	1	3	1	3	1	4	4	1	1	1	1	D1	1	BF	AR	- 18	-4.73%	-9.54%	1.48%
	ProShares Ultra Gold	UGL	75.59	1,372	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	U3	34	AR	AR	+ 7	-4.63%	7.02%	35.64%
	Direxion Daily Small Cap Bull 3x Shares TNA		46.37	1,366	28	10	3	4	1	3	1	1	1	1	4	5	2	1	1	1	5	3	U3	14	BR	AR	- 3	-12.18%	-16.48%	-6.83%
	Direxion MSCI Daily South Korea Bull 3 KORU		348.36	1,056	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	U3	42	BR	AR	+ 10	-44.70%	-4.10%	133.92%
	ProShares Ultra Technology	ROM	84.19	735	30	30	30	30	29	24	19	16	9	9	6	3	5	4	1	2	6	1	D3	2	BF	BR	- 18	-2.23%	-6.06%	-10.55%
	Direxion Daily FTSE China Bull 3X Shares YINN		33.35	733	30	30	30	30	30	29	29	30	30	22	30	30	30	30	20	23	30	3	D3	4	BF	BF	- 23	-11.91%	-24.95%	-24.77%
	ProShares Ultra Financials	UYG	76.87	679	30	30	30	30	26	29	29	25	8	12	11	6	12	9	22	27	30	29	D2	5	BF	BF	- 7	-3.13%	-13.74%	-16.24%
	ProShares Ultra Bloomberg Crude Oil	UCO	33.58	626	1	1	2	16	13	3	27	30	30	30	30	30	30	30	30	30	30	30	U3	2	AR	AR	+ 9	31.48%	46.25%	73.27%
	Direxion Daily S&P Biotech Bull 3X Shares LABU		158.47	511	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	D1	3	BF	AR	- 11	-8.24%	-4.81%	-3.35%
	ProShares Ultra Bloomberg Natural Gas BOIL		19.85	494	30	30	30	30	30	1	28	30	30	30	30	30	30	30	1	29	30	30	D3	2	BF	BF	- 3	20.74%	-9.90%	-26.81%
	ProShares Ultra Dow30	DDM	55.05	479	28	20	15	15	8	13	9	5	4	5	5	4	5	3	4	3	5	3	D1	1	BF	AR	- 4	-5.96%	-10.30%	-4.99%
	Direxion Daily S&P Oil & Gas Exp. & Pro GUSH		36.14	378	1	1	1	1	1	2	11	28	30	29	30	30	30	28	6	11	27	5	U3	6	AR	AR	+ 7	13.68%	24.88%	52.70%
	Direxion Daily Energy Bull 2x Shares ERX		87.72	313	1	1	1	1	1	1	2	3	5	7	19	27	29	14	7	12	7	2	U3	9	AR	AR	+ 10	2.14%	12.17%	53.35%
	ProShares UltraPro Russell2000	URTY	54.19	303	28	10	3	4	1	3	1	1	1	4	5	2	1	1	1	1	6	3	U3	14	BR	AR	- 2	-12.09%	-16.43%	-6.74%
	Invesco DB US Dollar Index Bullish Fund UUP		27.47	298	18	27	28	28	28	29	29	25	25	26	26	27	25	26	26	24	12	23	U3	1	AR	AR	+ 1	1.44%	1.70%	1.64%
	ProShares Ultra Russell2000	UWM	48.07	264	26	13	7	7	4	4	3	1	1	5	7	3	2	1	2	2	6	6	U3	14	BR	AR	- 3	-8.11%	-10.90%	-3.50%
	Direxion Daily S&P 500 Bull 2x Shares SPUU		177.62	192	28	25	23	26	19	16	16	13	8	9	6	4	5	6	3	2	5	2	D1	3	BF	AR	- 19	-3.68%	-5.62%	-3.28%
	WisdomTree Bloomberg US Dollar Bull USDU		26.00	176	21	27	28	28	29	29	27	26	27	26	27	25	26	27	25	14	24		D3	2	AR	AR	- 12	2.32%	1.40%	0.75%
	Direxion Daily MSCI Emerging Markets EDC		59.91	164	8	1	1	1	1	1	1	1	1	1	1	1	2	3	1	1	1	1	U3	12	BR	AR	- 1	-24.08%	-15.07%	16.86%
	Direxion Daily Healthcare Bull 3x Shares CURE		103.92	145	23	2	7	2	2	3	1	1	1	1	1	1	1	1	1	1	1	1	D1	1	BF	AR	- 8	-13.72%	-9.92%	-4.87%
	ProShares Ultra MidCap400	MVV	73.38	138	18	6	3	6	3	10	4	3	4	13	19	7	9	8	13	11	29	28	U3	14	BR	AR	- 1	-9.16%	-10.20%	2.32%
	Direxion Daily MSCI Brazil Bull 2X Shares BRZU		101.25	127	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	U3	29	BR	AR	+ 7	-12.79%	-7.68%	23.30%
	ProShares Ultra Energy	DIG	56.62	99	1	1	1	1	1	1	2	3	5	9	19	27	29	14	7	12	7	2	U3	9	AR	AR	+ 10	2.02%	11.88%	53.10%
	ProShares Ultra Health Care	RXL	49.82	85	19	6	13	7	5	5	3	3	1	1	1	1	1	1	1	1	1	1	U3	24	BF	AR	- 8	-9.24%	-6.67%	-2.41%
	ProShares Ultra Nasdaq Biotechnology BIB		80.74	84	5	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	U3	31	BR	AR	- 11	-8.41%	-6.83%	0.79%
	BetaPro Crude Oil Leveraged Daily Bull HZOZF		9.67	74	7	27	28	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	U3	3	AR	AR	+ 3	15.54%	0.00%	0.00%
	Direxion Daily Mid Cap Bull 3x Shares MIDU		54.23	71	18	2	1	1	1	5	3	1	1	9	19	5	5	6	7	5	30	28	U3	14	BR	AR	- 1	-13.70%	-15.08%	2.29%

			Relative Strength Ranking - RSR																			% Price Δ									
			MKT	03/06	02/27	02/20	02/13	02/06	01/30	01/23	01/16	01/09	01/02	12/31	12/26	12/19	12/12	12/05	11/28	11/21	11/14	TRIPLE	50	200							
Group or Corp	Ticker	Price	Cap(MM)																			CYCLE	DAY	DAY	MACD	1 week	1 month	3 month			
EF-75	Leveraged Long																														
	Direxion Daily MSCI India Bull 2X Shar	INDL	47.97	60	30	30	28	29	29	30	30	30	30	23	29	29	29	30	29	27	28	26	D3	6	BF	BF	- 9	-8.78%	-12.48%	-12.85%	
	Direxion Daily FTSE Europe Bull 3X Sh	EURL	40.94	57	21	1	1	1	1	1	1	1	1	1	1	1	2	4	7	7	27	7	U3	15	BF	AR	- 1	-19.69%	-15.29%	4.66%	
	ProShares Ultra Real Estate	URE	65.60	56	7	8	11	11	23	29	29	21	30	30	30	30	30	30	30	29	30	30	U3	2	AR	AR	+ 8	-4.40%	3.83%	11.43%	
	Direxion Daily Real Estate Bull 3x Shar	DRN	9.95	53	4	3	4	4	22	29	29	17	30	30	30	30	30	30	30	30	30	30	U3	2	AR	AR	+ 8	-6.40%	5.51%	16.52%	
	ProShares Ultra MSCI Emerging Marke	EET	86.35	49	10	1	1	1	1	1	1	1	1	1	3	3	5	6	2	2	2	1	U3	13	BR	AR	- 1	-16.62%	-10.27%	12.01%	
	ProShares Ultra Yen	YCL	18.60	46	29	30	29	28	30	30	30	30	30	30	30	30	30	30	30	30	30	30	U1	4	BF	BF	+ 8	-2.16%	-1.27%	-3.83%	
	Direxion Daily 7-10 Year Treasury Bull	TYD	25.66	44	26	21	25	23	29	29	29	29	29	29	28	26	26	28	26	16	6	20	U2	2	AR	AR	+ 4	-3.93%	1.14%	1.16%	
	BetaPro S&P/TSX Capped Financials 2	*CFOU	37.04	43	13	8	3	4	4	3	3	1	1	1	1	1	1	1	1	1	1	1	D1	1	BF	AR	- 7	-6.14%	-5.95%	-2.42%	
	ProShares Ultra Materials	UYM	29.07	43	3	1	1	1	1	2	1	1	1	1	13	21	18	24	27	30	29	30	30	U3	8	BR	AR	+ 14	-13.07%	-7.23%	20.75%
	ProShares Ultra 7-10 Year Treasury	UST	44.20	34	23	22	25	23	28	29	29	29	28	28	26	25	25	27	24	18	9	20	U3	2	AR	AR	+ 3	-2.59%	1.10%	1.54%	
	ProShares Ultra Industrials	UXI	54.71	31	3	1	1	1	1	3	4	1	5	12	20	15	19	13	22	22	29	24	U3	13	AR	AR	+ 10	-7.97%	-4.06%	16.14%	
	ProShares Ultra MSCI EAFE	EFO	65.18	31	18	1	1	1	3	3	3	3	3	4	4	4	5	7	9	11	21	5	U3	45	BR	AR	- 1	-14.31%	-9.82%	4.67%	
	ProShares UltraPro MidCap400	UMDD	27.25	29	18	2	1	1	1	5	3	1	1	9	19	5	5	6	7	5	30	28	U3	14	BR	AR	- 1	-13.71%	-15.50%	2.32%	
	Direxion Daily Retail Bull 3x Shares	RETL	8.21	27	30	27	18	22	8	29	6	1	1	19	24	5	3	1	6	21	30	30	D2	1	BF	BR	- 4	-13.40%	-21.66%	-18.71%	
	ProShares Ultra SmallCap600	SAA	27.31	23	17	7	3	3	2	4	3	1	3	12	15	4	5	3	4	4	22	17	U3	14	BR	AR	- 1	-7.95%	-12.06%	0.28%	
ProShares Ultra FTSE China 50	XPP	22.36	13	30	30	30	30	29	29	29	29	29	19	30	29	29	29	20	21	28	5	D3	4	BF	BF	- 23	-8.29%	-17.58%	-16.56%		
ProShares Ultra High Yield	UJB	78.13	7	26	26	24	24	24	24	25	25	23	22	20	23	23	24	22	23	21	25	D1	1	BF	AR	- 6	-1.54%	-2.00%	-0.12%		
ProShares Ultra Euro	ULE	12.82	6	27	25	27	23	24	24	26	29	30	29	27	26	27	27	29	29	30	28	U3	6	BF	BR	- 1	-3.47%	-3.67%	-2.68%		
ProShares Ultra MSCI Brazil Capped	UBR	33.50	4	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	U3	29	BR	AR	+ 7	-12.59%	-7.89%	23.23%		
EF-76	Leveraged Short				27	30	30	30	30	24	25	24	21	11	9	13	10	12	12	12	9	14	D3	3	AF	BF	- 9	5.59%	3.48%	-7.25%	
	ProShares UltraPro Short QQQ	SQQQ	73.46	2,523	8	27	28	26	29	30	30	30	30	30	30	30	30	30	30	30	30	30	U2	2	AR	BF	+ 19	3.68%	4.96%	6.59%	
	Direxion Daily Semiconductor Bear 3x	SOXS	45.17	1,197	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	D3	39	AF	BF	+ 42	26.17%	20.78%	-23.96%	
	ProShares Short S&P500	SH	36.87	1,150	18	27	28	28	29	29	29	30	30	30	30	30	30	30	30	30	29	30	U2	1	AR	BF	+ 23	2.13%	3.10%	2.28%	
	ProShares Short QQQ	PSQ	31.14	843	16	26	28	26	28	29	29	30	30	29	30	30	30	30	30	30	30	30	U2	3	AR	AF	+ 19	1.27%	1.93%	3.10%	
	ProShares UltraPro Dow30	UDOW	54.71	763	28	18	8	8	4	5	3	2	1	1	3	2	2	1	1	1	3	1	D1	1	BF	AR	- 4	-8.86%	-15.26%	-8.18%	
	ProShares UltraPro Short S&P500	SPXU	52.42	502	13	29	30	29	30	30	30	30	30	30	30	30	30	30	30	30	30	30	U1	2	AR	BF	+ 23	6.35%	8.96%	4.91%	
	ProShares UltraShort S&P 500	SDS	71.21	421	14	28	29	28	30	30	30	30	30	30	30	30	30	30	30	30	30	30	U1	3	AR	BF	+ 23	4.28%	6.06%	3.71%	
	Direxion Daily S&P 500 Bear 3x Share	SPXS	37.43	396	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	U3	2	AR	AR	- 16	6.34%	8.93%	4.47%	
	ProShares UltraShort QQQ	QID	21.26	335	10	27	28	25	29	30	30	30	30	30	30	30	30	30	30	30	30	30	U2	2	AR	BF	+ 19	2.51%	3.45%	4.95%	
	Direxion Daily Small Cap Bear 3x Shar	TZA	7.00	264	28	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	D3	15	AF	BF	+ 3	12.36%	17.25%	1.51%	
	ProShares UltraShort 20+ Year Treasu	TBT	33.77	245	24	30	28	29	24	21	27	27	28	22	21	27	26	26	29	30	30	29	D2	2	BF	BF	- 4	4.65%	-2.46%	-2.90%	
	ProShares UltraShort Bloomberg Crude	SCO	10.50	234	30	30	30	30	30	30	30	29	23	4	4	4	2	3	20	13	2	18	D3	3	BF	BF	- 9	-25.53%	-33.84%	-46.78%	
	ProShares UltraShort Bloomberg Natur	KOLD	18.75	225	30	30	30	30	30	30	30	30	1	1	1	2	19	1	15	30	30	30	D3	5	BF	BF	- 6	-20.04%	2.85%	-40.93%	
	ProShares UltraPro Short Dow30	SDOW	33.08	200	16	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	U1	1	AR	BF	+ 4	9.39%	17.10%	6.60%	
	Direxion Daily 20+ Year Treasury Bear	TMV	35.42	175	23	30	29	29	23	17	26	25	27	17	19	27	26	23	29	30	30	30	D2	2	BF	BF	- 4	6.94%	-3.49%	-4.66%	
	ProShares Short Russell2000	RWM	16.14	143	24	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	D3	14	AF	BF	+ 3	4.13%	5.84%	1.49%	
	Invesco DB US Dollar Index Bearish F	UDN	18.15	142	26	26	27	24	26	26	27	29	29	28	28	27	28	28	29	29	29	28	U3	6	BF	BR	- 1	-1.41%	-1.31%	-0.35%	
	ProShares UltraShort Silver	ZSL	19.64	133	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	D3	44	BF	BF	+ 104	23.37%	-25.04%	-77.78%	
	ProShares Short Dow30	DOG	23.91	132	18	28	29	29	30	29	29	30	30	30	30	30	30	30	30	30	29	30	U1	1	AR	BF	+ 4	3.19%	5.75%	2.92%	
	Direxion Daily Financial Bear 3X Share	FAZ	48.33	122	1	8	17	6	29	29	26	30	30	30	30	30	30	30	30	30	6	28	U2	4	AR	AR	+ 7	5.34%	22.63%	26.25%	
	Direxion Daily Technology Bear 3X Share	TECS	19.36	107	4	21	28	27	29	30	30	30	30	30	30	30	30	30	30	30	30	30	U2	2	AR	BF	+ 19	2.87%	7.50%	10.48%	
	ProShares UltraPro Short Russell2000	SRTY	39.49	94	28	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	D3	15	AF	BF	+ 3	12.48%	17.04%	1.29%	
	ProShares UltraShort Gold	GLL	17.12	72	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	D3	61	BF	BF	- 8	4.26%	-8.64%	-34.95%	
	Proshares Short 20+ Year Treasury	TBF	23.80	69	23	28	28	28	26	24	28	27	28	26	24	27	26	26	29	30	29	29	D2	2	BF	BF	- 4	2.23%	-1.04%	-1.25%	
	ProShares Short High Yield	SJB	15.46	62	20	27	28	28	28	29	29	29	29	29	29	29	28	29	29	29	27	28	U2	2	AR	AF	+ 5	0.88%	1.31%	1.03%	

		Relative Strength Ranking - RSR																				% Price Δ									
Group or Corp	Ticker	Price	MKT Cap(MM)	03/06	02/27	02/20	02/13	02/06	01/30	01/23	01/16	01/09	01/02	12/31	12/26	12/19	12/12	12/05	11/28	11/21	11/14	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month			
EF-76	Leveraged Short																														
	ProShares UltraShort Russell2000	TWM	30.73	60	26	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	D3	14	AF	BF	+ 3	8.28%	11.46%	1.80%		
	ProShares UltraShort Dow30	DXD	21.05	58	18	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	U1	1	AR	BF	+ 4	6.10%	11.26%	4.84%		
	ProShares UltraShort Euro	EUO	29.29	37	16	27	28	29	29	29	29	25	26	28	29	29	27	29	27	27	11	27	U1	1	AR	AR	+ 1	3.57%	4.01%	3.37%	
	Direxion Daily Real Estate Bear 3X Sh	DRV	22.19	36	30	30	30	30	30	29	29	30	18	9	6	16	4	9	17	29	5	14	D3	2	BF	BF	- 8	6.84%	-5.97%	-16.09%	
	ProShares UltraShort Yen	YCS	52.26	31	7	18	22	27	15	17	15	6	5	4	3	4	2	4	4	2	1	2	D1	4	AR	AR	- 10	2.18%	1.38%	4.34%	
	Direxion Daily MSCI Emerging Markets	EDZ	30.11	24	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	D3	13	AF	BF	- 9	27.80%	12.81%	-20.78%		
	Direxion Daily Energy Bear 2X Shares	ERY	12.31	21	30	30	30	30	30	30	30	30	30	30	30	30	29	30	30	30	30	D3	9	BF	BF	- 9	-2.07%	-11.44%	-37.05%		
	Proshares Ultrashort Semiconductors	SSG	29.90	20	28	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	D3	40	AF	BF	+ 28	4.18%	8.57%	-9.06%		
	ProShares UltraShort Real Estate	SRS	44.03	18	29	30	30	30	29	29	29	29	30	23	14	12	19	7	15	20	29	7	17	D3	2	BF	BF	- 8	4.63%	-3.80%	-10.60%
	ProShares UltraPro Short 20+ Year Tre	TTT	63.56	18	25	30	29	30	24	17	27	27	28	22	20	28	27	25	29	30	30	D2	2	BF	BF	- 4	7.26%	-3.73%	-5.03%		
	ProShares UltraShort Financials	SKF	29.80	15	3	13	20	14	29	28	27	30	30	30	30	30	30	30	30	30	9	28	U2	4	AR	AR	+ 7	3.58%	15.01%	17.61%	
	ProShares Short Financials	SEF	33.45	14	7	19	23	19	29	28	27	29	30	29	29	30	30	30	29	29	16	27	U3	1	AR	AR	+ 7	1.83%	7.65%	9.16%	
	ProShares Short 7-10 Year Treasury	TBX	27.81	13	23	27	28	28	27	27	28	27	28	28	28	28	28	28	29	29	28	28	D2	2	AR	AF	- 4	1.36%	-0.33%	0.06%	
	ProShares Short MSCI Emerging Mark	EUM	19.16	12	28	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	D3	13	AF	BF	+ 1	8.74%	4.56%	-6.52%		
	ProShares UltraShort FTSE Europe	EPV	21.57	11	28	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	29	30	D3	46	AF	BF	+ 1	13.83%	10.39%	-4.93%	
	ProShares UltraShort Energy	DUG	20.09	10	30	30	30	30	30	30	30	30	30	30	30	30	29	30	30	30	30	D3	9	BF	BF	- 9	-2.10%	-11.34%	-37.02%		
	ProShares Short Real Estate	REK	16.33	10	28	30	30	30	29	29	28	30	24	20	19	23	19	22	23	29	15	20	D3	2	BF	BF	- 8	2.33%	-1.64%	-4.88%	
	ProShares Short MSCI EAFE	EFZ	12.45	8	27	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	28	29	D3	15	AF	BF	+ 1	7.33%	4.09%	-2.85%	
	ProShares UltraShort FTSE China 50	FXP	20.68	7	1	10	24	20	29	29	29	30	30	30	23	30	29	30	30	30	30	30	U3	2	AR	AF	+ 23	8.33%	19.47%	15.46%	
	BetaPro S&P/TSX Capped Financials - 4404571		13.07	7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	30	U3	1	AR	AR	- 7	6.56%	5.96%	2.88%	
	ProShares UltraShort Technology	REW	11.95	6	7	22	28	26	29	30	30	30	30	30	30	30	30	30	30	30	30	30	U2	3	AR	BF	+ 19	2.22%	5.10%	7.79%	
	ProShares UltraShort Industrials	SIJ	9.44	5	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	29	29	D3	14	BF	BF	- 9	7.90%	3.85%	-14.82%	
	ProShares UltraShort Consumer Discre	SCC	15.68	5	4	21	23	18	25	30	30	30	30	30	30	30	30	30	30	30	26	30	U2	3	AR	AF	+ 6	4.08%	6.42%	11.69%	
	ProShares Short FTSE China 50	YXI	21.84	4	3	18	25	23	27	29	29	29	29	29	30	23	29	28	29	30	30	28	30	U3	3	AR	AR	+ 23	4.25%	9.64%	8.21%
	ProShares UltraShort MSCI Brazil Cap	BZQ	11.43	3	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	D3	30	BF	BF	- 8	13.06%	5.37%	-23.88%	
	ProShares Short S&P Mid Cap400	MYI	17.08	3	26	30	30	30	30	29	30	30	30	30	29	29	30	30	30	30	25	28	D3	14	AF	BF	+ 1	4.77%	5.56%	-1.10%	
	ProShares UltraShort Consumer Staple	SZK	10.56	3	30	30	30	30	30	30	30	30	30	29	15	12	20	20	23	19	23	3	3	D3	6	BF	BF	- 16	9.94%	5.10%	-14.95%
	BetaPro Gold Bullion -2x Daily Bear ET	*GLDD	4.64	3	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	D3	62	BF	BF	- 7	4.56%	-8.60%	-34.03%	
	ProShares UltraShort Utilities	SDP	10.43	3	30	30	30	30	27	28	20	29	23	28	21	26	21	25	29	30	30	30	D3	1	BF	BF	- 4	4.00%	-14.37%	-16.98%	
	ProShares UltraShort MSCI Emerging I	EEV	17.01	3	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	D3	13	AF	BF	+ 1	18.45%	9.22%	-13.37%	
	ProShares UltraShort Nasdaq Biotech	BIS	9.14	3	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	D3	34	AF	BF	+ 11	8.61%	6.87%	-3.27%	
	ProShares UltraPro Short MidCap400	SMDD	11.25	2	29	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	29	29	D3	15	AF	BF	+ 1	14.46%	16.22%	-5.70%	
BetaPro S&P/TSX Capped Energy -2x	*NRGD	7.15	2	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	D3	9	BF	BF	- 7	-4.70%	-17.81%	-37.45%		
ProShares UltraShort Materials	SMN	10.79	2	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	23	29	3	14	D3	8	AF	BF	- 14	14.06%	6.69%	-19.27%	
ProShares UltraShort SmallCap600	SDD	11.62	1	28	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	D3	15	AF	BF	+ 1	7.41%	12.46%	-1.53%		
ProShares UltraShort MSCI EAFE	EFU	8.63	1	28	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	29	30	D3	46	AF	BF	+ 1	14.44%	8.76%	-6.72%		
ProShares UltraShort MidCap400	MZZ	7.46	1	28	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	28	29	D3	15	AF	BF	+ 1	9.62%	11.01%	-3.19%		
EF-77	Misc.			16	20	19	20	20	13	14	16	15	12	13	13	13	13	12	13	11	11	U3	13	BR	AR	- 1	-1.72%	-0.70%	3.16%		
	VanEck Uranium and Nuclear ETF	NLR	136.01	4,596	26	11	8	15	13	3	2	1	5	9	29	23	20	20	6	9	27	5	U3	9	BR	AR	- 1	-8.27%	-4.73%	7.40%	
	First Trust Long/Short Equity ETF	FTLS	70.24	2,149	26	26	26	27	24	23	25	25	23	20	18	18	19	20	18	13	8	14	D1	2	BF	AR	- 14	-1.42%	-1.77%	-0.65%	
	State Street Multi-Asset Real Return E	*RLY	35.67	912	3	4	7	6	7	4	5	8	11	11	7	18	16	14	13	23	5	16	U3	44	AR	AR	+ 11	-1.25%	3.84%	14.46%	
	NYLI Merger Arbitrage ETF	MNA	36.15	251	23	27	25	26	27	27	28	28	28	28	28	27	26	28	28	29	25	28	U3	14	AR	AR	+ 5	-0.39%	-0.17%	0.64%	
	iShares Morningstar Multi-Asset Incom	*IYLD	21.88	129	15	18	18	18	18	14	16	18	16	13	13	14	14	15	14	15	11	13	U3	44	BR	AR	- 55	-2.31%	-1.56%	3.56%	
	AdvisorShares STAR Global Buy-Write	VEGA	49.36	78	23	22	22	22	22	19	21	23	20	19	19	18	19	18	18	17	14	16	U3	38	BR	AR	- 19	-2.39%	-1.91%	0.29%	
	Invesco S&P 500 Downside Hedged E	PHDG	38.75	66	14	25	26	26	25	25	27	25	23	26	23	20	22	20	17	13	7	12	U3	7	AR	AR	+ 1	1.67%	2.09%	2.74%	

				Relative Strength Ranking - RSR																		% Price Δ								
Group or Corp	Ticker	Price	MKT Cap(MM)	03/	02/	02/	02/	02/	01/	01/	01/	01/	01/	12/	12/	12/	12/	12/	11/	11/	11/	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month		
				06	27	20	13	06	30	23	16	09	02	31	26	19	12	05	28	21	14									
EF-77	Misc.																													
	ProShares Hedge Replication ETF	HDG	51.92	23	23	23	22	23	23	23	24	24	23	22	21	23	22	23	22	23	21	20	U3	37	BR	AR	- 1	-1.76%	-1.45%	0.89%
	ProShares Inflation Expectations ETF	RINF	32.00	17	26	27	28	28	27	28	28	28	28	28	28	29	28	28	29	29	28	28	D2	2	BF	BF	- 4	0.68%	-0.89%	-0.68%

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