

- What is hot and what is not. TPA-RRG captures the inevitable movement of stocks into and out of favor.
- Scores and ranking

Clients can quickly see which stocks are showing the best and worst relative

strength characteristics. TPA found that using RRG's was very beneficial, but took some time to parse through, so we simplified the process by creating a score for each stock and sector.

The best of both worlds – RRG & TPA
Now, clients can use <u>TPA-RRG scores and rankings</u> to identify stocks that are not
only moving into favor, but are also technically positive.



• TPA-RRG analyzes every stock in the Russell 1000 and 25 major sector & subsector ETFs

Find links to more information and instructional videos below.

THE REPORT

TPA-RRG Weekly Commentary

Top 20-Bottom 20

Industrials have snuck into the TOP 20. This is a radical change from 10 weeks ago.

Sectors

XLI – 10 weeks ago, Industrials were dead last. In February, when Industrials were #27 out of 27 sectors, the FED was still raising rates, and people were worried about a recession. Now, employment has proven itself to be very reliable, and the FED has paused. CPI is down from 9% to less than 5%. So, the economy has proven itself steady and sturdy. That is good for economically sensitive Industrials.

11 weeks of sector rankings

TPA-	RRGU	.S. SECT	OR & SU	IBSECTO	RETFS -	HISTOR	Y										
	4/27/23	5/5/23	5/12/23	5/19/22	5/26/23	6/2/23	6/9/23	6/16/23	6/23/23	6/30/23	7/7/23						
Bank	Code	Code	Code	Code	Code	Code	Code	Code	Code	Code	Code						
1	XLP	XLP	XLP	XLY	XLY	XIX	XLY	XLY	XLF	CLOU	CLOU						
2	XLU	XLU	XLV	XLC	XLC	XLC	XOP	XOP	XLY	INT	HACK						
3	HACK	IGV	XLY	FDN	XLK	FDN	XEC	XLK	GV	XLY	IT						
4	FDN	FDN	XLU	XLK	FDN	IGV	IGV	NGV	XLK	XOP	(XU)						
5	IGV	XLK	XLC	XLV	GV	XLK	XLK	INT	ITB	IGV	~						
6	XLK	XLY	FDN	IGV	XLV	XLV	OIH	XU	SMH	XLK	XLY						
7	XLC	XLC	IGV	XLU	XLP	OIH	XLF	HACK	XOP	FDN	XLF						
8	XLY	XLV	XLK	XLP	XLF	XLF	XLE	XLF	CLOU	SMH	XLK						
9	XLV	ITB	PPH	TAN	XOP	XOP	ITB	FDN	INT	XLF	IGV						
10	ITB	HACK	ITB	HACK	XLE	INT	XLP	IT8	XU	ITB	FDN						
11	TAN	TAN	HACK	MOD	HACK	XLE	XLU	SMH	XLE	HACK	SMH						
12	INR	MOO	TAN	ITB	XLU	IYR	SMH	XLP	XLV	XLI	XOP						
13	MOO	XOP	XOP	IYR	PPH	XLP	XLV	XLV	XLP	OIH	XME						
14	XOP	INR	MOD	XOP	SMH	XLU	TAN	XLU	XLU	XLV	XRT						
15	SOCL	SOCL	IYR	XLE	TAN	PPH	PPH	PPH	TAN	XLP	XLE						
16	SMH	XLF	XLE	SMH	MDO	HACK	MOO	XLE	FDN	XUU	XLV						
17	XLE	XLE	XLF	XLF	IYR	TAN	HACK	IYR	MOO	XLE	XLP						
18	ITA	SMH	SMH	XRT	ITB	ITB	FDN	COM	PPH	XLC	XUU						
19	CLOU	CLOU	SOCL	PPH	XLB	SMH	118	TAN	OIH	TAN	PPH						
20	XLF	ITA.	XRT	OIH	XRT	MOD	XLB	XLB	HACK	PPH	MR						
21	XRT	XRT	OIH	SOCL	INT	XLB	X ME	XLC	IYR	MOO	MOO						
22	XLB	IYT	IYT	CLOU	OIH	XRT	XRT	XME	XLB	IYR	XLC		_			_	
23	OIH	OH	XLE	XLB	SOCL	XME	XLI	XRT	XME	XRT	TAN						
24	PPH	XLB	XU	DT	XLI	XU	TT	OIH	XLC	XLB	ITE .						
25	TR	XME	XME	XU	CLOU	SOCL	SOCL	ITA.	XRT	ITA	XLB						
26	ATTAC	XLI	ITA	XME	XME	ITA	ITA	CLOU	ITA	XME	ΠA						
27	XU)	PPH	CLOU	ITA	ITA	CLOU	CLOU	SOCL	SOCL	SOCL	SOCL						

Market



TPA-RRG TOP 20 & BOTTOM 20 (table below)

Buy	Prices as of	7/7/23						<i>STOCK</i>	SECTOR	TOTAL
Sell				TOP 20				TPA-RRG	TPA-RRG	TPA-RRG
<u>Code</u>	Name	Last	RRG Ratio	RRG Momentum	Quadrant	Mkt Cap (\$MIL)	TPA Sector	<u>SCORE</u>	<u>SCORE</u>	<u>SCORE</u>
SPLK	Splunk Inc	104.41	99.45	101.12	Improving	\$17,290	Cyber Security	5.09	2.12	7.22
ROK	Rockwell Automation Inc	325.38	100.43	101.10	Leading	\$37,378	Industrial	5.11	1.61	6.72
AME	AMETEK Inc	157.08	100.48	102.03	Leading	\$36,203	Industrial	4.88	1.61	6.48
U	Unity Software Inc	40.46	102.59	109.09	Leading	\$15,321	Technology	4.85	1.50	6.35
GNRC	Generac Holdings Inc	136.08	102.71	104.38	Leading	\$8,463	Industrial	4.46	1.61	6.07
CGNX	Cognex Corp.	54.23	101.23	102.33	Leading	\$9,360	Technology	4.54	1.50	6.03
zs	Zscaler Inc	143.18	106.14	111.58	Leading	\$20,889	Tech-Software	4.54	1.47	6.02
JBLU	Jetblue Airways Corp	8.93	96.43	104.51	Improving	\$2,928	Transportation	3.55	1.78	5.33
ттек	Tetra Tech Inc.	162.74	99.40	102.98	Improving	\$8,663	Technology	3.83	1.50	5.33
MKSI	MKS Instruments Inc.	105.03	99.70	103.36	Improving	\$7,013	Technology	3.82	1.50	5.32
COHR	Coherent Corp	51.46	99.51	108.65	Improving	\$7,699	Technology	3.72	1.50	5.22
т	Gartner Inc.	347.74	97.63	102.94	Improving	\$27,486	Technology	3.60	1.50	5.10
NTNX	Nutanix Inc	27.30	98.02	104.44	Improving	\$6,436	Tech-Software	3.61	1.47	5.09
w	Wayfair Inc	61.62	106.40	113.25	Leading	\$6,919	Retail	4.54	0.52	5.07
APO	Apollo Global Management LLC	76.01	99.60	103.80	Improving	\$60,033	Financial	3.54	1.51	5.05
EXPE	Expedia Group Inc	111.88	97.39	103.27	Improving	\$16,572	Consumer Discretionary	3.48	1.53	5.01
FIVN	Five9 Inc	80.88	93.99	101.10	Improving	\$5,757	Tech-Software	3.47	1.47	4.94
EFX	Equifax Inc.	225.61	99.65	101.29	Improving	\$27,670	Industrial	3.31	1.61	4.92
UNP	Union Pacific Corp.	202.82	94.85	100.29	Improving	\$123,658	Transportation	3.13	1.78	4.91
NCNO	nCino Inc	30.34	97.55	104.66	Improving	\$3,406	Technology	3.40	1.50	4.90

Buy	Prices as of	7/7/23						<i>STOCK</i>	SECTOR	TOTAL
Sell			BOTTOM 20		20			TPA-RRG	TPA-RRG	TPA-RRG
MGM	MGM Resorts International	43.09	97.22	95.46	Lagging	\$15,676	Consumer Discretionary	-3.35	1.53	-1.83
н	Hyatt Hotels Corporation	115.61	99.18	97.26	Lagging	\$12,221	Consumer Discretionary	-3.35	1.53	-1.83
LVS	Las Vegas Sands Corp	55.72	99.01	94.36	Lagging	\$42,585	Consumer Discretionary	-3.67	1.53	-2.14
CBOE	Cboe Global Markets Inc.	135.84	99.99	97.82	Lagging	\$14,341	Financial	-3.71	1.51	-2.20
s	SentinelOne Inc - Ordinary Shares - (14.29	99.80	96.86	Lagging	\$4,173	Financial	-3.81	1.51	-2.29
DKS	Dicks Sporting Goods Inc.	130.66	96.05	94.01	Lagging	\$11,267	Retail	-3.33	0.52	-2.80
EXEL	Exelixis Inc	19.31	101.96	97.58	Weakening	\$6,288	Health Care	-2.07	-0.99	-3.06
FSLR	First Solar Inc	189.14	100.51	93.88	Weakening	\$20,205	Solar & Environ	-2.07	-1.03	-3.09
NEU	NewMarket Corp.	422.48	105.72	99.05	Weakening	\$4,067	Materials	-2.11	-1.03	-3.14
SGEN	Seagen Inc	191.51	107.47	92.22	Weakening	\$35,909	Health Care	-2.16	-0.99	-3.15
VRTX	Vertex Pharmaceuticals Inc.	338.18	103.13	99.60	Weakening	\$87,099	Health Care	-2.25	-0.99	-3.24
PEP	PepsiCo Inc	183.08	98.96	98.74	Lagging	\$252,228	Consumer Staples	-3.22	-1.00	-4.22
ATR	Aptargroup Inc.	113.79	96.81	96.65	Lagging	\$7,456	Materials	-3.22	-1.03	-4.25
CHE	Chemed Corp.	527.80	98.26	97.25	Lagging	\$7,928	Health Care	-3.30	-0.99	-4.29
MASI	Masimo Corp	158.61	93.72	91.08	Lagging	\$8,371	Health Care	-3.31	-0.99	-4.30
BRKR	Bruker Corp	72.93	96.48	94.47	Lagging	\$10,701	Health Care	-3.32	-0.99	-4.31
AXON	Axon Enterprise Inc	188.10	95.41	92.61	Lagging	\$13,898	Aerospace & Defense	-3.32	-1.05	-4.37
ZTS	Zoetis Inc	167.14	99.55	96.69	Lagging	\$77,237	Agribusiness	-3.51	-1.02	-4.53
CLX	Clorox Co.	157.99	99.64	97.29	Lagging	\$19,531	Consumer Staples	-3.57	-1.00	-4.57
GPK	Graphic Packaging Holding Co	23.92	99.80	97.64	Lagging	\$7,347	Materials	-3.55	-1.03	-4.59

Relative Rotation Graph for Top 20 and Bottom 20 is provided below.

Also, use the following link that shows RRG over time - how stocks move in and out of favor over time: <u>https://youtu.be/YbBIpJLqbJQ</u>

Weekly Relative Rotation Graph® Date: 7/7/2023 Benchmark: S&P 500 INDEX - SPX (WI)



115.0

Relative Rotation Strategies (RSS)

1. The Relative Rotation Fund

Most recent performance:

Since inception



The Relative Rotation Fund is created using the weekly Top and Bottom ranked stocks in the TPA-RRG report. The fund holds 60 stocks; 30 long and 30 short. The portfolio is created by buying the Top 10 and selling short the Bottom 10 ranked stocks each week. Screens are used to ensure that overbought and oversold stocks are not included. Long positions have twice the weight of short positions. This is a nod to history, which has shown that stocks approximately go up twice as much as down on a daily basis. Since new stocks are added each week, each position is held for 3 weeks. Rebalancing occurs as close as possible to Friday's closing prices. (Trades and returns are hypothetical.)

2. Top 5 and Bottom 5 ETFs

Most recent performance:

Since inception



Top 5 and Bottom 5 ETFs – Buys the Top 5 ETFs and Sells short the Bottom 5 ETFs each week. Each position is held for 3 weeks. The 3-week holding period means that each week we trade out of the positions from 3 weeks ago and add the current week's TOP 5 and Bottom 5. Each week's trades account for approximately 1/3 of the portfolio. Shorts are always ½ the value of longs.

3. Top 5 ETFs and a S&P500 Hedge

Most recent performance:

Since inception



Top 5 ETFs and a S&P500 Hedge – Buys the Top 5 ETFs each week and maintains a long SH position that is ½ the value of the long ETFs.

4. Top 5 ETFs – Long Only



Since inception



Top 5 ETFs – Long Only – Each week the TOP 5 ETFs are purchased. The holding period is 3 weeks. Each week accounts for 1/3 of the portfolio.

TPA-RRG 27 SECTOR ETFS

TPA-RRG	U.S. SECTOR & SUBSECTOR ETFS		7/9/23			
						TPA-RR
Code	Name	Last	RRG Ratio	RRG Momentum	Quadrant	SCORE
CLOU	Cloud Computing	19.56	100.78	101.06	Leading	5.10
наск	Cyber Security	49.63	99.47	100.27	Improving	4.25
ІҮТ 🥈	Transportation	249.84	97.96	100.76	Improving	3.56
XLI	Industrial	106.20	96.93	100.04	Improving	3.21
OIH	Oil Services	307.70	89.61	100.25	Improving	3.16
XLY	Consumer Discretionary	169.37	102.82	101.65	Leading	3.06
XLF	Financials	33.59	92.97	100.37	Improving	3.03
XLK	TECH	171.21	107.14	100.74	Leading	3.00
IGV	Software	339.73	105.52	100.53	Leading	2.95
FDN	Internet	161.78	103.77	100.29	Leading	2.88
ѕмн 🚪	SEMI	149.05	107.79	101.29	Leading	2.88
ХОР	Oil&Gas E&P	128.72	91.28	100.48	Improving	1.99
XME	Metals & Mining	50.53	89.57	97.96	Lagging	1.05
XRT	Retail	63.87	92.51	99.55	Lagging	1.04
XLE	Energy	80.79	91.11	98.25	Lagging	-1.98
XLV	Health Care	129.00	95.13	98.91	Lagging	-1.99
XLP	Staples	73.46	96.17	98.18	Lagging	-1.99
XLU	Utilities	65.39	93.51	97.83	Lagging	-2.02
РРН	Pharma	76.26	95.76	97.99	Lagging	-2.04
IYR	Real Estate	86.65	94.01	99.49	Lagging	-2.04
моо	Agribusiness	82.15	91.08	98.16	Lagging	-2.04
XLC	Communications	65.05	105.08	99.33	Weakening	-2.05
TAN	Solar	68.05	90.96	97.85	Lagging	-2.05
ІТВ	Home Construction	81.94	105.84	99.76	Weakening	-2.06
XLB	Materials	81.24	94.83	99.10	Lagging	-2.06
ITA	Aerospace & Defense	116.04	95.63	98.48	Lagging	-2.09
SOCL	Social Media	36.91	98.20	97.32	Lagging	-3.23

			DR & SU 12/23/22		1/6/23	1/13/23	1/20/23	1/27/23	2/3/23	2/10/23	2/17/23	2/24/23	3/3/23	3/10/23	3/17/23	3/24/23	3/31/23	4/7/23	4/14/23	4/21/23
lank	Code	Code	12/23/22 Code	Code	Code	Code	Code	Code	Code	Code	Code	Z/Z4/Z3 Code	Code	Code	Code	S/24/25 Code	Code	Code	4/14/23 Code	4/21/2 Code
1	MOO	PPH	PPH	IYT	IYT	SMH	SOCL	SOCL	SOCL	FDN	CLOU	XLK	XLK	XLK	IGV	IGV	HACK	HACK	XLU	XLP
2	XRT	XLB	XLB	PPH	SMH	IYT	XLU	CLOU	CLOU	XLK	IGV	IGV	IGV	IGV	FDN	XLK	XLY	CLOU	HACK	XLU
3	XLB	IYT	SMH	XLU	XLU	SOCL	XLC	XLC	FDN	XLC	FDN	XLC	FDN	FDN	XLK	HACK	XLK	FDN	FDN	TAN
4	IYT	SMH	MOO	SMH	SOCL	CLOU	CLOU	FDN	XLC	IGV	XLK	FDN	CLOU	XLY	HACK	FDN	FDN	IGV	XLC	HACK
5	SMH	MOO	SOCL	SOCL	IYR	XLC	SMH	IGV	IGV	SOCL	XLC	XLY	XLY	XLC	XLY	SMH	IGV	XLC	IGV	FDN
6	PPH	SOCL	IYR	IYR	PPH	XLK	IYT	IYR	XLK	HACK	XLY	CLOU	XLC	CLOU	XLC	XRT	CLOU	XLK	SMH	XLY
7	SOCL	XRT	IYT	XRT	XLB	IYR	IYR	IYT	IYR	ITB	HACK	SMH	HACK	HACK	SMH	IYT	XLC	SMH	XLK	IGV
8	ITA	XLI	XRT	M00	XME	XRT	IGV	SMH	ITB	IYT	IYT	XRT	SMH	SMH	CLOU	CLOU	SOCL	XLY	XLY	SMH
9	XLI	ITB	ITA	XLI	ITB	ITB	PPH	ITB	XRT	CLOU	XRT	HACK	XRT	XRT	SOCL	XLC	SMH	XLP	XLP	XLK
10	ITB	XLP	XLI	XLP	XLP	M00	XLK	XLK	IYT	SMH	SOCL	PPH	IYT	IYT	XRT	XLY	XLP	XLU	XLV	XLC
11	XLP	XME	ITB	ITB	XRT	XLP	M00	M00	SMH	XME	PPH	SOCL	SOCL	SOCL	IYT	SOCL	IYR	IYR	XOP	XLV
12	XME	OIH	XME	XLB	M00	ITA	XRT	XLP	XLB	IYR	SMH	IYT	ITB	ITB	ITB	ITB	ITA	M00	TAN	IYR
13	XOP	XLE	XLV	XME	OIH	OIH	XLB	XRT	PPH	PPH	IYR	IYR	IYR	IYR	IYR	IYR	XOP	XOP	IYR	XOP
14	OIH	XLF	OIH	OIH	ITA	PPH	OIH	XLB	XME	XRT	ITB	ITB	TAN	TAN	XLU	TAN	M00	TAN	ITA	ITB
15	XLF	ITA	XLE	ITA	XLV	XLB	XLI	XLI	XLU	XLU	XLU	XLU	XME	XME	MOO	XLU	TAN	ITA	PPH	M00
16	XLV	XLV	XLF	XLF	XLF	XLI	ITA	PPH	HACK	XLY	OIH	XLF	XLU	XLU	TAN	ITA	ITB	ITB	MOO	XLE
17	XLE	IYR	XLP	XLV	XLI	XLF	ITB	XME	XLY	XLF	XLF	OIH	XLB	XLI	XOP	M00	XLI	SOCL	ITB	SOCL
18	XLK	XLK	XLU	TAN	XLC	XLU	XLP	XLU	OIH	OIH	ITA	XME	XLF	XLB	XME	XOP	XLU	XLV	XLE	ITA
19	IYR	HACK	XLK	HACK	TAN	XME	XME	TAN	ITA	ITA	XME	ITA	OIH	ITA	ITA	XME	XME	XLI	SOCL	CLOU
20	HACK	FDN	CLOU	FDN	HACK	FDN	TAN	XLY	XLI	XLE	XLI	XLI	XLI	M00	XLI	XLI	IYT	IYT	XLI	XLF
21	CLOU	CLOU	TAN	CLOU	XLK	IGV	FDN	HACK	XLF	XLI	XLE	XLE	ITA	OIH	OIH	PPH	XLB	XME	XME	PPH
22	FDN	IGV	FDN	XLC	IGV	TAN	HACK	ITA	XLV	XLB	XLB	XLB	XLE	XOP	XLB	OIH	OIH	XRT	CLOU	XLB
23	IGV	XLC	XLC	XLK	CLOU	HACK	XLV	OIH	XLE	XLV	XLV	XLV	PPH	XLF	PPH	XLB	XRT	PPH	XLF	XRT
24	XLC	XLU	HACK	IGV	XLE	XLY	XLY	XLV	XLP	XLP	XLP	TAN	MOO	PPH	XLF	XLP	XLV	XLE	XLB	XLI
25	XLY	XOP	IGV	XLE	FDN	XLV	XLF	XLF	TAN	TAN	TAN	MOO	XOP	XLP	XLP	XLV	XLE	XLF	IYT	OIH
26	XLU	TAN	XLY	XLY	XLY	XLE	XLE	XLE	XOP	XOP	XOP	XOP	XLP	XLV	XLV	XLE	PPH	XLB	OIH	IYT
27	TAN	XLY	XOP	XOP	XOP	XOP	XOP	XOP	M00	MOO	M00	XLP	XLV	XLE	XLE	XLF	XLF	OIH	XRT	XME
TPA-	-RRG U	.S. SECT	OR & SU	BSECTOR	R ETFS -	HISTOR	Y													
	4/27/23	5/5/23	5/12/23	5/19/22	5/26/23	6/2/23	6/9/23	6/16/23	6/23/23	6/30/23	7/7/23									
Rank	Code	Code	Code	Code	Code	Code	Code	Code	Code	Code	Code									
1	XLP	XLP	XLP	XLY	XLY	XLY	XLY	XLY	XLF	CLOU	CLOU									
2	XLU	XLU	XLV	XLC	XLC	XLC	XOP	XOP	XLY	IYT	HACK									
3	HACK	IGV	XLY	FDN	XLK	FDN	XLC	XLK	IGV	XLY	IYT									
4	FDN	FDN	XLU	XLK	FDN	IGV	IGV	IGV	XLK	XOP	XLI									
5	IGV	XLK	XLC	XLV	IGV	XLK	XLK	IYT	ITB	IGV	OIH									
6	XLK	XLY	FDN	IGV	XLV	XLV	OIH	XLI	SMH	XLK	XLY									
7	XLC	XLC	IGV	XLU	XLP	OIH	XLF	HACK	XOP	FDN	XLF									
8	XLY	XLV	XLK	XLP	XLF	XLF	XLE	XLF	CLOU	SMH	XLK									
9	XLV	ITB	PPH	TAN	XOP	XOP	ITB	FDN	IYT	XLF	IGV									
10	ITB	HACK	ITB	HACK	XLE	IYT	XLP	ITB	XLI	ITB	FDN									
	TAN	TAN	HACK	M00	HACK	XLE	XLU	SMH	XLE	HACK	SMH									
11	IYR	M00	TAN	ITB	XLU	IYR	SMH	XLP	XLV	XLI	XOP									
12	MOO	XOP	XOP	IYR	PPH	XLP	XLV	XLV	XLP	OIH	XME									
12 13			MOO	XOP	SMH	XLU	TAN	XLU	XLU	XLV	XRT									
12 13 14	XOP	IYR				PPH	PPH	PPH	TAN	XLP	XLE									
12 13 14 15	XOP SOCL	SOCL	IYR	XLE	TAN					XLU	XLV									
12 13 14 15 16	XOP SOCL SMH	SOCL XLF	XLE	SMH	M00	HACK	M00	XLE	FDN											
12 13 14 15 16	XOP SOCL	SOCL XLF XLE	XLE XLF				MOO HACK	XLE IYR	M00	XLE	XLP									
12 13 14 15 16 17 18	XOP SOCL SMH XLE ITA	SOCL XLF XLE SMH	XLE XLF SMH	SMH XLF XRT	MOO IYR ITB	HACK TAN ITB	HACK FDN	IYR MOO	MOO PPH	XLE XLC	XLU									
12 13 14 15 16 17 18 19	XOP SOCL SMH XLE ITA CLOU	SOCL XLF XLE SMH CLOU	XLE XLF SMH SOCL	SMH XLF XRT PPH	MOO IYR ITB XLB	HACK TAN ITB SMH	HACK FDN IYR	IYR MOO TAN	MOO PPH OIH	XLE XLC TAN	XLU PPH									
12 13 14 15 16 17 18 19	XOP SOCL SMH XLE ITA CLOU XLF	SOCL XLF XLE SMH CLOU ITA	XLE XLF SMH	SMH XLF XRT	MOO IYR ITB	HACK TAN ITB	HACK FDN IYR XLB	IYR MOO	MOO PPH	XLE XLC	XLU PPH IYR									
12 13 14 15 16 17 18 19 20 21	XOP SOCL SMH XLE ITA CLOU	SOCL XLF XLE SMH CLOU ITA XRT	XLE XLF SMH SOCL	SMH XLF XRT PPH OIH SOCL	MOO IYR ITB XLB XRT IYT	HACK TAN ITB SMH MOO XLB	HACK FDN IYR XLB XME	IYR MOO TAN	MOO PPH OIH HACK IYR	XLE XLC TAN	XLU PPH									
12 13 14 15 16 17 18 19 20 21	XOP SOCL SMH XLE ITA CLOU XLF	SOCL XLF XLE SMH CLOU ITA	XLE XLF SMH SOCL XRT	SMH XLF XRT PPH OIH	MOO IYR ITB XLB XRT	HACK TAN ITB SMH MOO	HACK FDN IYR XLB	IYR MOO TAN XLB	MOO PPH OIH HACK	XLE XLC TAN PPH	XLU PPH IYR									
12 13 14 15 16 17 18 19 20 21 22	XOP SOCL SMH XLE ITA CLOU XLF XRT	SOCL XLF XLE SMH CLOU ITA XRT	XLE XLF SMH SOCL XRT OIH	SMH XLF XRT PPH OIH SOCL	MOO IYR ITB XLB XRT IYT	HACK TAN ITB SMH MOO XLB	HACK FDN IYR XLB XME	IYR MOO TAN XLB XLC	MOO PPH OIH HACK IYR	XLE XLC TAN PPH MOO	XLU PPH IYR MOO									
12 13 14	XOP SOCL SMH XLE ITA CLOU XLF XRT XLB	SOCL XLF XLE SMH CLOU ITA XRT IYT	XLE XLF SMH SOCL XRT OIH IYT	SMH XLF XRT PPH OIH SOCL CLOU	MOO IYR ITB XLB XRT IYT OIH	HACK TAN ITB SMH MOO XLB XRT	HACK FDN IYR XLB XME XRT	IYR MOO TAN XLB XLC XME	MOO PPH OIH HACK IYR XLB	XLE XLC TAN PPH MOO IYR	XLU PPH IYR MOO XLC									
12 13 14 15 16 17 18 19 20 21 21 22 23	XOP SOCL SMH XLE ITA CLOU XLF XRT XLB OIH	SOCL XLF XLE SMH CLOU ITA XRT IYT OIH	XLE XLF SMH SOCL XRT OIH IYT XLB	SMH XLF XRT PPH OIH SOCL CLOU XLB	MOO IYR ITB XLB XRT IYT OIH SOCL	HACK TAN ITB SMH MOO XLB XRT XME	HACK FDN IYR XLB XME XRT XLI	IYR MOO TAN XLB XLC XME XRT	MOO PPH OIH HACK IYR XLB XME	XLE XLC TAN PPH MOO IYR XRT	XLU PPH IYR MOO XLC TAN									
12 13 14 15 16 17 18 19 20 21 21 22 23 24	XOP SOCL SMH XLE ITA CLOU XLF XRT XLB OIH PPH	SOCL XLF XLE SMH CLOU ITA XRT IYT OIH XLB	XLE XLF SMH SOCL XRT OIH IYT XLB XLI	SMH XLF XRT PPH OIH SOCL CLOU XLB IYT	MOO IYR ITB XLB XRT IYT OIH SOCL XLI	HACK TAN ITB SMH MOO XLB XRT XME XLI	HACK FDN IYR XLB XME XRT XLI IYT	IYR MOO TAN XLB XLC XME XRT OIH	MOO PPH OIH HACK IYR XLB XLB XLE	XLE XLC TAN PPH MOO IYR XRT XLB	XLU PPH IYR MOO XLC TAN ITB									

						TPA-RRG
<u>Code</u>	Name	<u>Last</u>	RRG Ratio	RRG Momentum	<u>Quadrant</u>	<u>SCORE</u>
CLOU	Cloud Computing	19.56	100.78	101.06	Leading	5.10
НАСК	Cyber Security	49.63	99.47	100.27	Improving	4.25
IYT	Transportation	249.84	97.96	100.76	Improving	3.56
XLI	Industrial	106.20	96.93	100.04	Improving	3.21
OIH	Oil Services	307.70	89.61	100.25	Improving	3.16
TAN	Solar	68.05	90.96	97.85	Lagging	-2.05
ITB	Home Construction	81.94	105.84	99.76	Weakening	-2.06
XLB	Materials	81.24	94.83	99.10	Lagging	-2.06
ITA	Aerospace & Defense	116.04	95.63	98.48	Lagging	-2.09
SOCL	Social Media	36.91	98.20	97.32	Lagging	-3.23

Relative Rotation Graph for 27 major sector & subsector ETFs is provided below.

Also, use the following link that shows RRG over time - how sectors & subsectors move in and out of favor over time: <u>https://youtu.be/eauRh22oV_A</u>



Weekly Relative Rotation Graph® Date: 7/7/2023 Benchmark: S&P 500 INDEX - SPX (WI)

Click <u>HERE</u> for the entire Russell 1000 TPA-RRG Score and Rank Report.

You can learn more about RRGs with these links: <u>Relative Rotation Graphs (RRG) – explanation video</u> (Less than 4 minutes) <u>What is TPA-RRG. What are RRGs.</u> <u>RRG – written explanation</u>

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