

- What is hot and what is not.
 TPA-RRG captures the inevitable movement of stocks into and out of favor.
- Clients can quickly see which stocks are showing the <u>best and worst relative</u>

 <u>strength characteristics</u>. 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 more in-depth explanations and links to instructional videos below.

THE REPORT

TPA-RRG Weekly Commentary

Top 20-Bottom 20

The constitution of the Top and Bottom 20 remain consistent, with TECH-relative stocks staying on top and Energy and Commodity stocks on the bottom. Healthcare is still present, but to a lesser degree. See the top and bottom-ranked stocks' charts below.

AMD



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Sectors

The recent events in the Financial sector are interesting when viewed through the TPA-RRG lens of the last 24 weeks. The sector history table below is provided each week in the TPA-RRG report. It shows the ranking of sectors each week. Note, that the Financials were the top-ranked sector in the 9/26/22 report. Following along with the chart below of XLF/SPY or the relative performance of Financials vs. the overall market, this high rank would give readers the green light to be in Financials until mid-November, when the sector's relative performance began to wane. Then, in mid-January, the real warning signal came for anyone reading TPA-RRG. This warning would have alerted clients to the dangers that would eventually befall the sector.

	7/25/22	7/31/22	8/8/22	8/15/22	8/22/22	8/29/22	9/5/22	9/12/22	9/19/22	9/26/22	10/3/22	10/10/22	10/17/22	10/24/22	10/28/22	11/4/22	11/11/22	11/18/22	11/25/22	12/2/22
ank	Code	Code	Code	Code	Code	Code	Code	Code	Code	Code	Code	Code	Code	Code	Code	Code	Code	Code	Code	Code
1	HACK	XLK	XLY	XIY	XLK	ITB	IVT	XIY	XIY	XLF	XME	DIH	XLF	OIH	OIH	OIH	XME	PPH	XME	XRT
2	XLK	XLY	XLK	XLK	IYI	XLY	IIB	SMH	XLF	Y V	OIH	XME	OIH	MOO	HACK	DOH	OIH	XLB	XLB	XLB
3	IGV	IGV	HACK	XRI	XLY	XLK	XLF	IYI	IYI	XLY	MOO	XLF	MOO	YME	MOO (XLF	XRT	XRI	MOO	XME
4	XLY	HACK	FDN	FDN	FDN	IYT	XLK	XRT	XRT	XRT	XLF	HACK	XME	XLF	XME	XLB	XL8	XME	XRT	SMH
5	CLOU	FDN	CLOU	CLOU	XRT	FDN	XLY	XLF	XLK	CLOU	XLY	XRT	XLB	HACK	XLF	XLI	PPH	OIH	PPH	ITA
6	FDN	XRT	XRT	HACK	TAN	TAN	TAN	XLK	SMH	XLI	CLOU	MOO	XLC	XLB	CLOU	ITA	HACK	XLV	ITA	XLI
7	SMH	ITB	IGV	ITB	IGV	IGV	FDN	ITB	XLI	ITB	XLI	CLOU	XOP	XLC	XLB	XLV	CLOU	ITA	XU	ITB
8	ITB	TAN	TAN	TAN	ITB	XRT	SMH	FDN	ITB	XLK	TAN	XLB	XLE	XLE	XLE	XME	ITA	XLI	XLP	PPH
9	TAN	CLOU	ITB	IGV	CLOU	CLOU	XRT	XLI	FDN	FDN	ITB	ITB	ITA	XOP	ITA	XOP	XLV	XLP	OIH	XLP
10	XIV	SMH	SMH	XIC	HACK	SMH	CLOU	IGV	CLOU	SMH	XIK	XOP	XIY	ITA	XIV	XLE	XII	MOO	XOP	OIH
11	XIC	XLC	SOCL	SMH	XLC	XLC	IGV	CLOU	IGV	IGV	XOP	XLE	XRT	XLY	XOP	MOO	XLF	XLF	XLF	XIV
12	XRT	SOCI	XLC	SOCL	SMH	HACK	HACK	XME	XME	MOO	FDN	XLY	ITB	XLV	XLI	XRT	MOO	XLE	XLE	XLF
13	SOCI	IYT	IYT	IYT	SOCI	XLF	XIE	SOCI	OIH	OIH	IYT	FDN	XLI	XLI	FDN	CLON	XLE	XOP	XLV	XII
14	PT	XLF	XII	XLF	XLF	SOCI	XLU	XOP	MOO	XME	XRT	IYT	HACK	FDN	XLC	HACK	XOP	HACK	ITB	XOP
15	ITA	ITA	XLF	XLI	XLI	XLI	XOP	HACK	XLB	XLB	XLE	XLI	FDN	CLOU	XRI	FDN	FDN	CLOU	HACK	MOO
16	XLF	XLP	ITA	XLP	XLP	XLU	XLI	XLC	XLU	SOCI	IGV	XLC	IYI	XRT	PPH	XLP	SMH	FDN	IYT	HACK
17	PPH	XLU	XLP	ITA	XIU	XOP	XIC	XLE	XIE	HACK	SMH	SOCL	CLOU	PPH	IYT	IYT	ITB	SMH	SMH FDN	IYT
18	XLU	XLV	XLU	XLV	IYR	XLE	SOCL	TAN	XOP	TAN	XLB	XLV	XLP	XLP	XLP	XLC	XLC	ITB	1.50	SOCL
19	XOP	XOP	XLV	XLU	XLV	XLP	ITA	XLU	HACK	XLU	HACK	ATI	XLV	IYI	SOCI	IGV	SOCI	XLC	CTOO	FDN
20	XIE	PPH	PPH	PPH	ITA	ITA	XIP	XLB	XIC	ITA	XLU	SMH	IGV	IGV	SMH	SOCI	IYT	IGV	XIC	CLOU
21	XLP	XLE	XOP	XLE	PPH	XLV	OIH	XLP	SOCL	XOP	ITA	IGV	SMH	SMH	IYR	SMH	IYR	SOCL	SOCL	XLC
22	XME	OIH	XLE	XOP	XLE	PPH	XME	ATI	TAN	XLE	XLV	IYR	SOCL	SOCL	IGV	IYR	IGV	IYI	IGV	IYR
23	M00	XLI	XME	IYR	XOP	OIH	IYR	XFA	IYR	XLC	SOCL	XLP	IYR	IVR	ITB	TAN	XLP	IYR	IYR	IGV
24	OIH	MOO	IYR	XME	XME	XLB	XFA	IYR	XLP	IYR	XLC	XLU	TAN	TAN	TAN	XLU	TAN	XLK	XLK	XLK
25	XLB	XLB	MOO	MOO	XLB	XME	PPH	MOO	ITA	XLP	IYR.	TAN	XLU	XLU	XLU	ITB	XLU	TAN	TAN	TAN
26	XU	IYR	XLB	XLB	MOO	MOO	XEB	OIH	XLV	XLV	XLP	PPH	PPH	ITB	XLY	XEA	XLY	XLU	XLU	XFA
27	IYR	XME	OIH	OIH	OIH	IYR	M00	PPH	PPH	PPH	PPH	XLK	XLK	XLK	XLK	XLK	XLK	XEY	XFA	XLU
TPA-	RRG U	.S. SECT	OR & SII	BCECTO	ETEC .	HISTORY	,													
			ON & 30	DOCCIO	/ FILD .	I III I OIL														
			12/23/22	12/30/22	1/6/23			1/27/23	2/3/23	2/10/23	2/17/23	2/24/23	3/3/23	3/10/23						
Rank	12/9/22	12/16/22	12/23/22	12/30/22	1/6/23	1/13/23	1/20/23	1/27/23 Code	2/3/23 Code	2/10/23 Code	2/17/23 Code		3/3/23 Code		Code	Code	Code	Code	Code	Code
	12/9/22 Code	12/16/22 Code	12/23/22 Code	12/30/22 Code	1/6/23 Code	1/13/23 Code	1/20/23 Code	Code	Code	Code	Code	Code	Code	Code	Code	Code	Code	Code	Code	Code
1	12/9/22 Code MOO	12/16/22 Code PPH	12/23/22 Code PPH	12/30/22 Code IYT	1/6/23 Code IYT	1/13/23 Code SMH	1/20/23 Code SOCL	Code SOCL	Code SOCL	Code FDN	CLOU	Code XLK	<u>Code</u> XLX	Code XLK	Code	Code	Code	Code	Code	Code
1 2	12/9/22 Code MOO XRT	12/16/22 <u>Code</u> PPH XLB	12/23/22 Code PPH XLB	12/30/22 Code IYT PPH	1/6/23 Code IYT SMH	1/13/23 Code SMH IYT	1/20/23 Code SOCL XLU	SOCL CLOU	SOCL CLOU	Code FDN XLK	Code CLOU IGV	Code XLK IGV	XLX IGV	XLK IGV	Code	Code	Code	Code	Code	Code
1 2 3	12/9/22 Code MOO XRT XLB	12/16/22 <u>Code</u> PPH XLB IYT	12/23/22 Code PPH XLB SMH	12/30/22 Code IYT PPH XLU	1/6/23 Code IYT SMH XLU	1/13/23 Code SMH IYT SOCL	1/20/23 Code SOCL XLU XLC	SOCL CLOU XLC	SOCL CLOU FDN	FDN XLK XLC	CLOU IGV FDN	XLK IGV XLC	XLX IGV FDN	XLK IGV FDN	Code	Code	Code	Code	Code	Code
1 2 3 4	12/9/22 Code MOO XRT XLB IYT	12/16/22 Code PPH XLB IYT SMH	12/23/22 Code PPH XLB SMH MOO	12/30/22 Code IYT PPH XLU SMH	1/6/23 Code IYT SMH XLU SOCL	1/13/23 Code SMH IYT SOCL CLOU	1/20/23 Code SOCL XLU XLC CLOU	SOCL CLOU XLC FDN	SOCL CLOU FDN XLC	FDN XLK XLC IGV	Code CLOU IGV FDN XLK	Code XLK IGV XLC FDN	XLX IGV FDN CLOU	Code XLK IGV FDN XLY	Code	Code	Code	Code	Code	Code
1 2 3 4 5	12/9/22 Code MOO XRT XLB IVT SMH	12/16/22 Code PPH XLB IYT SMH MOD	12/23/22 Code PPH XLB SMH MOO SOCL	12/30/22 Code IYT PPH XLU SMH SOCL	1/6/23 Code IYT SMH XLU SOCL IYR	1/13/23 Code SMH IYT SOCL CLOU XLC	1/20/23 Code SOCL XLU XLC CLOU SMH	SOCL CLOU XLC FDN IGV	SOCL CLOU FDN XLC IGV	FDN XLK XLC IGV SOCI	Code CLOU IGV FDN XLK XLC	Code XLK IGV XLC FDN XLY	Code XLX IGV FDN CLOU XLY	Code XLK IGV FDN XLY XLC	Code	Code	Code	Code	Code	Code
1 2 3 4 5	12/9/22 Code MOO XRT XLB IYT SMH PPH	12/16/22 Code PPH XLB IYT SMH MOD SOCL	12/23/22 Code PPH XLB SMH MOO SOCL IYR	12/30/22 Code IYT PPH XLU SMH SOCL IYR	1/6/23 Code IYT SMH XLU SOCL IYR PPH	1/13/23 Code SMH IYT SOCL CLOU XLC XLK	1/20/23 Code SOCL XLU XLC CLOU SMH IYT	Code SOCL CLOU XLC FDN IGV IYR	Code SOCL CLOU FDN XLC IGV XLK	Code FDN XLK XLC IGV SOCI HACK	Code CLOU IGV FDN XLK XLC XLY	Code XLK IGV XLC FDN XLY CLOU	Code XLK IGV FDN CLOU XLY XLC	Code XLK IGV FDN XLY XIC CLOU	Code	Code	Code	Code	Code	Code
1 2 3 4 5 6 7	12/9/22 Code MOO XRT XLB IYT SMH PPH SOCL	12/16/22 Code PPH XLB IYT SMH MOO SOCL XRT	12/29/22 Code PPH XLB SMH MOO SOCI IYR IYI	12/30/22 Code IYT PPH XLU SMH SOCI IYR XRI	1/6/23 Code IYT SMH XLU SOCL IYR PPH XLB	1/13/23 Code SMH IYT SOCL CLOU XLC XLK IYR	1/20/23 Code SOCL XLU XLC CLOU SMH IYT IYR	Code SOCL CLOU XLC FDN IGV IYR	Code SOCL CLOU FDN XLC IGV XLK IYR	FDN XLK XLC 1GV SOCI HACK ITB	Code CLOU IGV FDN XLK XLC XLY HACK	Code XLK IGV XLC FDN XLY CLOU SMH	Code XLK IGV FDN CLOU XLY XLC HACK	Code XLK IGV FDN XLY XIC CLOU HACK	Code	Code	Code	Code	Code	Code
1 2 3 4 5 6 7 8	12/9/22 Code MOO XRT XLB IYT SMH PPH SOCL ITA	12/16/22 Code PPH XLB IYT SMH MOO SOCL XRT XLI	12/29/22 Code PPH XLB SMH MOO SOCI IYR IYI XRT	12/30/22 Code IYT PPH XLU SMH SOCL IYR XRII MOO	1/6/23 Code IYT SMH XLU SOCL IYR PPH XLB XME	1/13/23 Code SMH IYT SOCL CLOU XLC XLK IYR XRT	1/20/23 Code SOCL XLU XLC CLOU SMH IYT IYR IGV	Code SOCL CLOU XLC FDN IGV IYR IYI SMH	SOCL CLOU FDN XLC IGV XLK IYR ITB	Code FDN XLK XLC IGV SOCI HACK ITB	Code CLOU IGV FDN XLK XLC XLY HACK IYT	Code XLK IGV XLC FDN XLY CLOU SMH XRT	Code XLK IGV FDN CLOU XLY XLC HACK SMH	Code XLK IGV FDN XLY XIC CLOU HACK SMH	Code	Code	Code	Code	Code	Code
1 2 3 4 5 6 7 8 9	12/9/22 Code MOO XRT XLB IYT SMH PPH SOCL ITA XU	12/16/22 Code PPH XLB IYT SMH MOD SOCL XRT XLI ITB	12/23/22 Code PPH XLB SMH MOO SOCI IYR IYI XRT ITA	12/30/22 Code IYT PPH XLU SMH SOCI IYR XRII MOO XLI	1/6/23 Code IYT SMH XLU SOCL IYR PPH XLB XME ITB	1/13/23 Code SMH IYT SOCL CLOU XLC XLK IYR XRT ITB	1/20/23 Code SOCL XLU XLC CLOU SMH IYT IYR IGV PPH	Code SOCL CLOU XLC FDN IGV IYR IYI SMH ITB	Code SOCL CLOU FDN XLC IGV XLK IYR ITB XRT	Code FDN XLK XLC IGV SOCI HACK ITB IYT CLOU	Code CLOU IGV FDN XLK XLC XLY HACK IYT XRT	Code XLK IGV XLC FDN XLY CLOU SMH XRT HACK	Code XLK IGV FDN CLOU XLY XLC HACK SMH XRT	Code XLK IGV FDN XLY XIC CLOU HACK SMH XRT	Code	Code	Code	Code	Code	Code
1 2 3 4 5 6 7 8 9	12/9/22 Code MOO XRT XLB IYT SMH PPH SOCL ITA XUI ITB	12/16/22 Code PPH XLB IYT SMH MOD SOCL XRT XLI ITB XLP	12/23/22 Code PPH XLB SMH MOO SOCL IYR IYI XRT ITA XLI	12/30/22 Code IYT PPH XLU SMH SOCI IYR XRI MOO XUI XLP	1/6/23 Code IYT SMH XLU SOCL IYR PPH XLB XME ITB XLP	1/13/23 Code SMH IYT SOCL CLOU XLC XLK IYR XRT ITB MOO	1/20/23 Code SOCL XLU XLC CLOU SMH IYT IYR IGV PPH XLK	Code SOCL CLOU XLC FDN IGV IYR IYT SMH ITB XLK	Code SOCL CLOU FDN XLC IGV XLK IYR ITB XRT IYT	Code FDN XLK XLC IGV SOCI HACK ITB IYT CLOU SMH	Code CLOU IGV FDN XLK XLC XLY HACK IYT XRT SOCL	Code XUK IGV XLC FDN XLY CLOU SMH XRT HACK PPH	Code XLK IGV FDN CLOU XLY XLC HACK SMH XRT IYT	Code XLK IGV FDN XLY XLC CLOU HACK SMH XRT IYT	Code	Code	Code	Code	Code	Code
1 2 3 4 5 6 7 8 9 10	12/9/22 Code MOO XRT XLB IYT SMH PPH SOCL ITA XUI ITB XLP	12/16/22 Code PPH XLB IYT SMH MOO SOCL XRII XLI ITB XLP XME	12/23/22 Code PPH XLB SMH MOO SOCI IYR IYR ITA XLI ITB	12/30/22 Code IYT PPH XLU SMH SOCI IYR XRI MOO XUI XLP ITB	1/6/23 Code IYT SMH XLU SOCL IYR PPH XLB XME ITB XLP XRI	1/13/23 Code SMH IYT SOCL CLOU XLC XLK IYR XRT ITB MOO XLP	1/20/23 Code SOCL XLU XLC CLOU SMH IYT IYR IGV PPH XLK MOO	Code SOCL CLOU XLC FDN IGV IYR IYT SMH ITB XLK MOO	Code SOCL CLOU FDN XLC IGV XLK IYR ITB XRT IYT SMH	Code FDN XLK XLC IGV SOCI HACK ITB IYT CLOU SMH XME	Code CLOU IGV FDN XLK XLC XLY HACK IYT XRT SOCL PPH	Code XLK IGV XLC FDN XLY CLOU SMH XRT HACK PPH SOCL	Code XLK IGV FDN CLOU XLY XLC HACK SMH XRT IYT SOCL	Code XLK IGV FDN XLY XIC CLOU HACK SMH XRT IYT SOCL	Code	Code	Code	Code	Code	Code
2 3 4 5 6 7 8 9 10 11 12	12/9/22 Code MOO XRT XLB IYT SMH PPH SOCL ITA XUI ITB XLP XME	12/16/22 Code PPH XLB IYT SMH MOD SOCL XRT XLI ITB XLP	12/23/22 Code PPH XLB SMH MOO SOCL IYR IYI XRT ITA XLI ITB XME	12/30/22 Code IYT PPH XLU SMH SOCL IYR XRI MOO XLI XLP ITB XLB	1/6/23 Code IYT SMH XLU SOCL IYR PPH XLB XME ITB XLP XRI MOO	1/13/23 Code SMH IYT SOCL CLOU XLC XLK IYR XRT ITB MOO XLP ITA	1/20/23 Code SOCL XLU XLC CLOU SMH PYT IYR IGV PPH XLK MOO XRT	Code SOCL CLOU XLC FDN IGV IYR IYT SMH ITB XLK MOO XLP	Code SOCL CLOU FDN XLC IGV XLK IYR ITB XRT IYT SMH XLB	Code FDN XLK XLC IGV SOCI HACK ITB IYT CLOU SMH XME IYR	Code CLOU IGV FDN XLK XLC XLY HACK IYT XRT SOCL PPH SMIH	Code XLK IGV XLC FDN XLY CLOU SMH XRT HACK PPH SOCL IYT	Code XLK IGV FDN CLOU XLY XLC HACK SMH XRT IYT SOCL ITB	Code XLK IGV FDN XLY XIC CLOU HACK SMH XRT IYT SOCL ITB	Code	Code	Code	Code	Code	Code
1 2 3 4 5 6 7 8 9 10 11 12 13	12/9/22 Code MOO XRT XLB IVT SMH PPH SOCL ITA XII ITB XLP XME XOP	12/16/22 Code PPH XLB IYT SMH MOD SOCL XRI XLI ITB XLP XME OIIH	12/23/22 Code PPH XLB SMH MOO SOCI IYR IYI XRT ITA XLI ITB XME XLV	12/30/22 Code IYT PPH XLU SMH SOCI IYR XRI MOO XII XLP ITB XLB XME	1/6/23 Code IYT SMH XLU SOCL IYR PPH XLB XME ITB XLP XRI MOO OIH	1/13/23 Code SMH IVT SOCL CLOU XIC XLK IVR XRT ITB MOO XLP ITA OIH	Code SOCL XLU XLC CLOU SMH NT IYR IGV PPH XLK MOO XRT XLB	Code SOCL CLOU XLC FDN IGV IYT SMIH ITB XLK MOO XLP XRT	Code SOCL CLOU FDN XLC IGV XLK IYR ITB XRT IYT SMH XLR PPH	Code FDN XLK XLC IGV SOCI HACK ITB IVT CLOU SMH XME IVR PPH	Code CLOU IGV FDN KLK KLC XLY HACK IYT XRT SOCL PPH SMII IYR	Code XLK IGV XLC FDN XLY CLOU SMH XRT HACK PPH SOCL IYT IYR	Code XLX IGV FDN CLOU XLY XLC HACK SMH XRT IYT SOCL ITB IYR	Code XLK IGV FDN XLY XLC CLOU HACK SMH XRT IYT SOCL ITB IYR	Code	Code	Code	Code	Code	Code
1 2 3 4 5 6 7 8 9 10 11 12 13	12/9/22 Code MOO XRT XLB IYT SMH PPH SOCL ITA XII ITB XLP XME XOP OIH	12/16/22 Code PPH XLB IYT SMH MOD SOCL XRII ITB XLP XME OIH	12/23/22 Code PPH XLB SMH MOO SOCI IYR IYI ITA XLI ITB XME XLV OIH	12/30/22 Code IYT PPH XLU SMH SOCL IYR XRI MOO XLI XLP ITB XLB	1/6/23 Code IYT SMH XLU SOCL IYR PPH XLB XME ITB XLP XRI MOO OIH	1/13/23 Code SMH IYT SOCL CLOU XLC XLK IYR XRT ITB MOO XLP ITA OIH PPH	Code SOCL XLU XLC CLOU SMH MT IYR IGV PPH XLK MOO XRT XLB OIH	Code SOCL CLOU XLC FDN IGV IYR IYI SMIH ITB XLK MOO XIP XRT XLB	Code SOCL CLOU FDN XLC IGV XLK IYR ITB XRT IYT SMH XLD PPH XME	Code FDN XLK XLC IGV SOCI HACK ITB IYT CLOU SMH XME IYR PPH XRT	Code CLOU IGV FDN XLK XLC XLY HACK IYT XRT SOCL PPH SMH IYR ITB	Code XLK IGV XLC FDN XLY CLOU SMH XRT HACK PPH SOCL IYT IYR ITB	Code XLK IGV FDN CLOU XLY XLC HACK SMH XRT IYT SOCL ITB IYR IAN	Code XLK IGV FDN XLY XLC CLOU HACK SMH XRT IYT SOCI ITB IYR TAN	Code	Code	Code	Code	Code	Code
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	12/9/22 Code MOO XRT XLB PYT SMH PPH SOCL ITA XUI ITB XLP XME XOP OUH XLI	12/16/22 Code PPH XLB IYT SMH MOD SOCL XRII ITB XLP XME OIH MAS XLE ITA	12/23/22 Code PPH XLB SMH MOO SOCI IYR IYI XRT ITA XLI ITB XML XLV OIH	12/30/22 Code IYT PPH XLU SMH SOCI IVR XHII MOO XII XLP IIB XLB XME OIH	1/6/23 Code IYT SMH XLU SOCL IYR PPH XLB XME ITB XLP XRI MOO OIH IIA	1/13/23 Code SMH IYT SOCL CLOU XLC XLK IYR XRI ITB MOO XLP ITA OIH PPH XLB	1/20/23 Code SOCL XLU XLC CLOU SMH PT PR IGV PPH XLK MOO XRT XLB OIH XLI	Code SOCL CLOU XLC FDN IGV IYR IYI SMI ITB XLX MOO XIP XRP XLB XLI	Code SOCL CLOU FDN XLC IGV XLK IYR ITB XRT IYT SMH XLB PPH XME XLU	Code FDN XLK XLC IGV SOCI HACK IIB IYT CLOU SMH XME IYR PPH XRI XLU	Code CLOU IGV FDN XLK XLC XLY HACK IYT XRT SOCL PPH SMH IYR ITB XLU	Code XLK IGV XLC FDN XLY CLOU SMIH XRT HACK PPH SOCL IYT IYR ITB	Code XLK IGV FDN CLOU XLY XLC HACK SMH XRT IYT SOCL ITB IYR IAN XME	Code XLK IGV FDN XLY XLC CLOU HACK SMH XRT IYT SOCL ITB IYR IAN XME	Code	Code	Code	Code	Code	Code
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	12/9/22 Code MOO XRT XLB PT SMH PPH SOCL ITA XII ITB XLP XME XOP OIH XLI ALV	12/16/22 Code PPH XIB IYT SMH MOD SOCL XRT XLI ITB XLP XME OHH NGE XLE ITA XLV	12/23/22 Code PPH XLB SMH MOO SOCI IYR IYI XRT ITA XLI ITB XME XLV OIH YLE XLF	12/30/22 Code IYT PPH XLU SMH SOCI IYR XRII MOO XII XLP ITB XLB XMB XMB XMB XMB XMB XMB	1/6/23 Code IYT SMH XLU SOCL IYR PPH XLB XME ITB XLP XRI MOO OIH ITA YLV XLF	1/13/23 Code SMH IYT SOCL CLOU XLC XLK IYR XRT ITB MOO XLP ITA OIH PPH XLB YL	1/20/23 Code SOCL XLU XLC CLOU SMH PYT PYR IGV PPH XLK MOO XRT XLB OIH XLI ITA	Code SOCL CLOU XLC FDN IGV IYR IYI SMH ITB XLK MOO XLP XRT XLB XLI PPH	Code SOCL CLOU FDN XLC IGV XLK IYR ITB XRT IYT SMH XLB PPH XME XLU HACK	Code FDN XLK XLC IGV SOCI HACK ITB IYT CLOU SMH XME IYR PPH XRT XLU XLV	Code CLOU IGV FDN XLK XLC XLY HACK IYT XRT SOCL PPH SMH IYR ITB XLU OUH	Code XLK IGV XLC FDN XLY CLOU SMH XRT HACK PPH SOCL IVT IYR ITB YLL XLF	Code XLX IGV FDN CLOU XLY XLC HACK SMH IYT SOCL ITB IYR IAN XME XLU	Code XLK IGV FDN XLY XIC CLOU HACK SMH XRT IYT SOCL ITB IYR TAN XME XLU	Code	Code	Code	Code	Code	Code
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Ratio of XLF/SPY



Market

The S&P500 has fallen below support, but is currently oversold.

- RSI = 34
- TPA short-term market score -2.7
- Percent of stocks trading below the 2 standard deviation Bollinger Band at 43.6%

S&P500



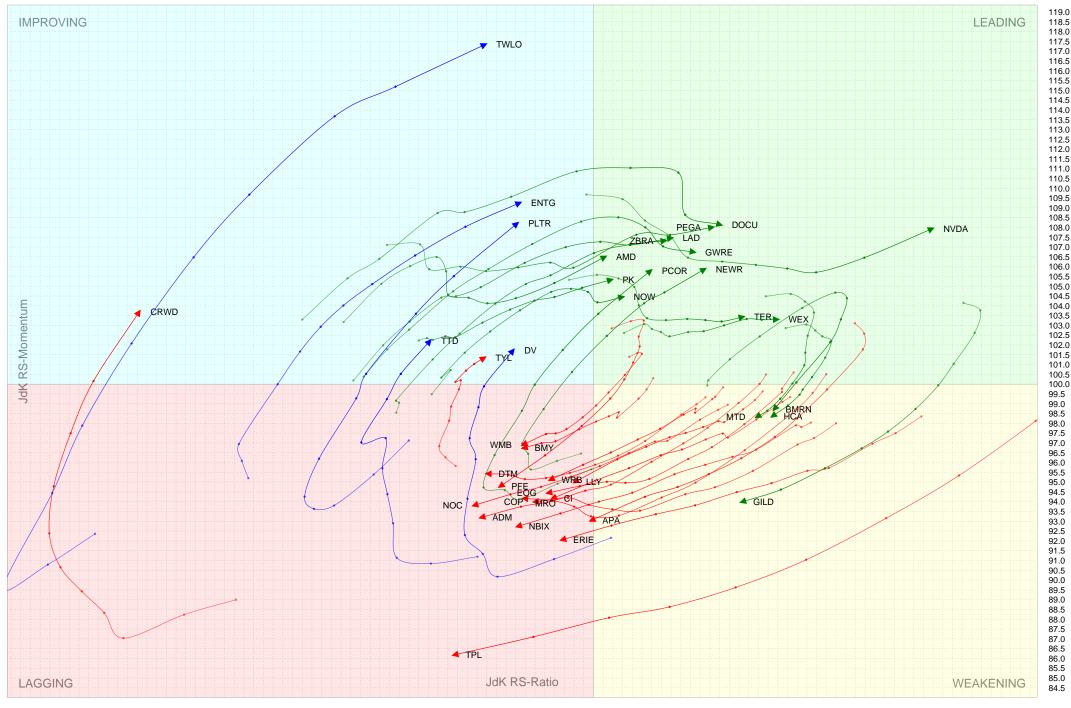
TPA-RRG TOP 20 & BOTTOM 20 (table below)

Buy	Prices as of	3/10/23						STOCK	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>
AMD	Advanced Micro Devices Inc.	82.67	103.44	107.87	Leading	\$133,214	Technology	4.73	2.40	7.14
CRM	Salesforce Inc	173.18	103.63	109.30	Leading	\$173,180	Technology	4.57	2.40	6.98
FTNT	Fortinet Inc	58.76	102.57	104.25	Leading	\$46,072	Technology	4.46	2.40	6.86
SPOT	Spotify Technology S.A.	121.66	113.76	115.72	Leading	\$23,082	Communication Services	4.37	1.68	6.05
JBLU	Jetblue Airways Corp	7.53	104.11	105.26	Leading	\$2,439	Transportation	4.41	1.44	5.85
ENTG	Entegris Inc	79.17	98.48	109.53	Improving	\$11,827	Technology	3.40	2.40	5.80
COHR	Coherent Corp	38.54	104.80	109.29	Leading	\$5,356	Technology	3.30	2.40	5.71
ZBRA	Zebra Technologies Corp.	288.19	105.08	106.89	Leading	\$14,814	Technology	3.29	2.40	5.69
NOW	ServiceNow Inc	415.08	102.45	104.21	Leading	\$84,261	Tech-Software	3.35	2.29	5.64
BR	Broadridge Financial Solutions Inc.	136.99	95.62	101.80	Improving	\$16,123	Technology	3.23	2.40	5.63
INTC	Intel Corp.	27.22	96.14	102.63	Improving	\$112,609	Technology	3.20	2.40	5.60
VNT	Vontier Corporation	25.65	111.73	109.50	Leading	\$3,982	Technology	3.18	2.40	5.59
VEEV	Veeva Systems Inc	164.63	95.60	102.54	Improving	\$25,631	Internet	3.30	2.28	5.58
PEGA	Pegasystems Inc.	44.43	108.24	108.12	Leading	\$3,664	Tech-Software	3.24	2.29	5.53
sq	Block Inc - Ordinary Shares - Class A	71.01	110.75	106.38	Leading	\$42,469	Technology	3.11	2.40	5.52
CRWD	Crowdstrike Holdings Inc	119.72	78.79	106.18	Improving	\$28,062	Tech-Software	3.22	2.29	5.51
ANSS	Ansys Inc Registered Shares	296.03	107.08	104.56	Leading	\$25,780	Technology	3.09	2.40	5.49
NEWR	New Relic Inc	71.07	107.63	106.49	Leading	\$4,896	Tech-Software	3.16	2.29	5.45
HUBS	Hubspot Inc	369.70	111.02	107.94	Leading	\$18,260	Tech-Software	3.15	2.29	5.44
TER	Teradyne Inc.	101.29	108.91	103.75	Leading	\$15,806	Technology	3.04	2.40	5.44

Buy	Prices as of	3/10/23						STOCK	SECTOR	TOTAL
Sell			BOTTOM 20				TPA-RRG	TPA-RRG	TPA-RRG	
RSG	Republic Services Inc.	127.05	93.09	98.11	Lagging	\$40,153	Industrial	-2.07	-1.02	-3.09
JCI	Johnson Controls International plc	61.46	104.79	95.79	Weakening	\$42,236	Industrial	-2.10	-1.02	-3.12
CF	CF Industries Holdings Inc	78.47	86.44	95.09	Lagging	\$15,362	Materials	-2.10	-1.02	-3.12
SLGN	Silgan Holdings Inc. (Trading Halt)	51.54	104.53	96.69	Weakening	\$5,674	Materials	-2.10	-1.02	-3.12
NOV	NOV Inc	20.20	106.63	97.78	Weakening	\$7,935	Oil Service	-2.07	-1.05	-3.12
AME	AMETEK Inc	135.72	105.05	97.39	Weakening	\$31,228	Industrial	-2.11	-1.02	-3.13
NFE	New Fortress Energy LLC	31.60	79.84	93.33	Lagging	\$6,597	Oil & Gas E&P	-2.06	-1.06	-3.13
ovv	Ovintiv Inc	39.18	91.56	93.91	Lagging	\$9,546		-3.13		-3.13
EQT	EQT Corp	30.41	82.92	96.22	Lagging	\$10,959	Oil & Gas E&P	-2.08	-1.06	-3.15
JPM	JPMorgan Chase & Co.	133.65	106.37	98.45	Weakening	\$393,380	Financial	-2.08	-1.12	-3.20
APD	Air Products & Chemicals Inc.	281.27	103.19	93.93	Weakening	\$62,465	Materials	-2.23	-1.02	-3.25
CEG	Constellation Energy Corporation	77.55	94.11	92.82	Lagging	\$25,369		-3.26		-3.26
PXD	Pioneer Natural Resources Co.	198.78	92.05	96.02	Lagging	\$46,714	Energy	-2.04	-1.77	-3.81
DVN	Devon Energy Corp.	51.76	89.76	94.94	Lagging	\$33,851	Energy	-2.06	-1.77	-3.83
ОХҮ	Occidental Petroleum Corp.	59.86	92.99	96.73	Lagging	\$53,878	Energy	-2.10	-1.77	-3.87
OKE	ONEOK Inc	64.40	104.75	98.37	Weakening	\$28,801	Energy	-2.11	-1.77	-3.88
GILD	Gilead Sciences Inc.	79.50	105.68	93.54	Weakening	\$99,145	Health Care	-2.21	-1.72	-3.93
NOC	Northrop Grumman Corp.	459.78	91.85	93.22	Lagging	\$70,371	Aerospace & Defense	-3.16	-1.04	-4.20
ROL	Rollins Inc.	34.67	94.91	96.41	Lagging	\$17,074	Industrial	-3.22	-1.02	-4.24
LLY	Eli Lilly & Co	315.02	97.09	94.21	Lagging	\$299,362	Health Care	-3.47	-1.72	-5.19

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: https://youtu.be/yrem3cZrbIA



TPA Relative Rotation Fund

https://realinvestmentadvice.com/tpa-rrg-report-relative-rotation-graphs-scores-rankings/

(See the explanation and performance comparisons to the S&P500 and a 60/40 Index below.)

Most recent performance:

Since inception





TPA Relative Rotation Fund explanation:

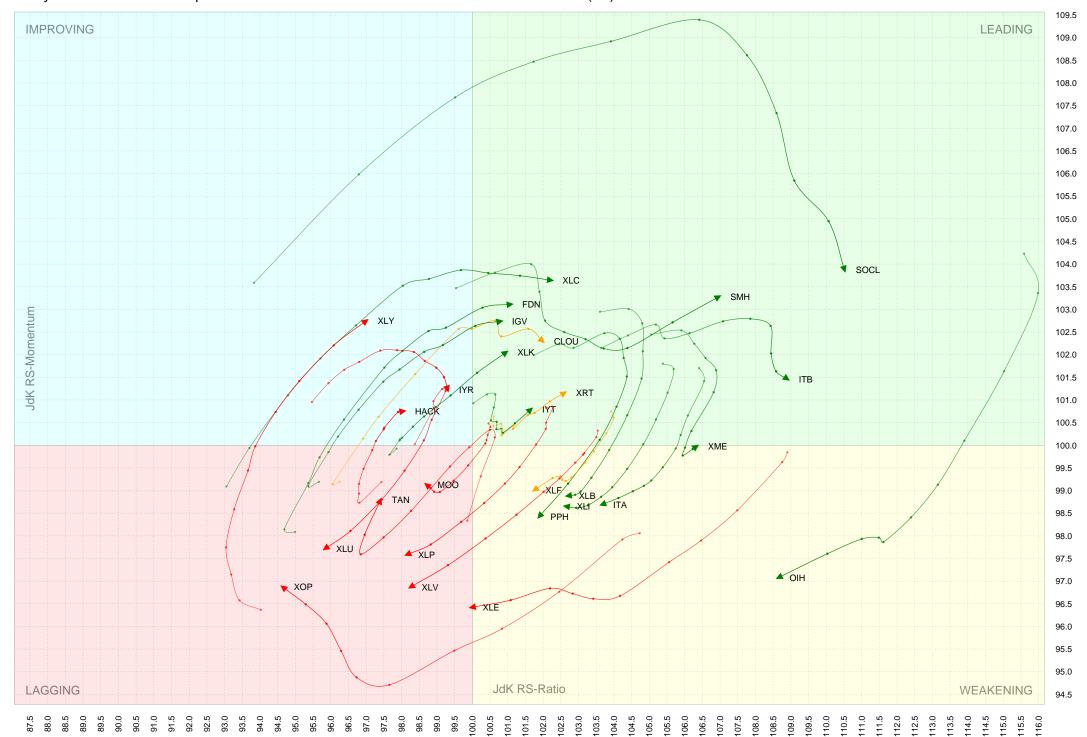
The Relative Rotation Fund is created using the weekly Top and Bottom ranked stocks in the TPA-RRG report. The fund holds 60 stocks; 30 long and 30 short. The portfolio is created by buying the Top 10 and selling short the Bottom 10 ranked stocks each week. Screens are used to ensure that overbought 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 go approximately 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.

TPA-RRG 27 SECTOR ETFS

TPA-F	RRG U.S. SECTOR & SUBSECTOR ETFS		2/24/23			
						TPA-RRG
Code	<u>Name</u>	Last	RRG Ratio	RRG Momentum	Quadrant	SCORE
XLK	TECH	135.77	100.96	102.06	Leading	4.81
IGV	Software	272.25	100.80	102.74	Leading	4.58
FDN	Internet	131.57	101.09	103.11	Leading	4.56
XLY	Consumer Discretionary	138.20	97.01	102.75	Improving	3.40
XLC	Communications	52.26	102.23	103.64	Leading	3.35
CLOU	Cloud Computing	16.39	101.99	102.30	Leading	3.28
HACK	Cyber Security	44.44	98.06	100.75	Improving	3.06
SMH	SEMI	237.72	106.97	103.28	Leading	3.01
XRT	Retail	62.93	102.61	101.16	Leading	3.00
IYT	Transportation	225.03	101.66	100.79	Leading	2.89
SOCL	Social Media	33.32	110.52	103.87	Leading	2.12
ITB	Home Construction	66.35	108.91	101.46	Leading	2.03
IYR	Real Estate	82.10	99.30	101.22	Improving	1.97
TAN	Solar	75.06	97.41	98.79	Lagging	1.08
XME	Metals & Mining	52.50	106.34	99.98	Weakening	0.99
XLU	Utilities	64.42	95.84	97.72	Lagging	-2.00
XLI	Industrial	99.00	102.63	98.65	Weakening	-2.04
XLB	Materials	78.18	102.69	98.88	Weakening	-2.04
ITA	Aerospace & Defense	113.03	103.66	98.69	Weakening	-2.08
моо	Agribusiness	85.31	98.70	99.13	Lagging	-2.10
ОІН	Oil Services	294.39	108.64	97.08	Weakening	-2.11
ХОР	Oil&Gas E&P	128.04	94.64	96.87	Lagging	-2.13
XLF	Financials	32.93	101.75	99.01	Weakening	-2.24
PPH	Pharma	73.75	101.89	98.42	Weakening	-2.45
XLP	Staples	71.11	98.15	97.58	Lagging	-3.28
XLV	Health Care	124.15	98.25	96.87	Lagging	-3.44
XLE	Energy	82.63	99.98	96.42	Lagging	-3.54

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

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



Click HERE+

for the entire Russell 1000 TPA-RRG Score and Rank Report.

What are RRGs?

Julius de Kempenaer developed Relative Rotational Graphs (RRG) in 2004 and thousands of investors use RRGs. "Relative Rotation Graphs, commonly called RRGs, are a unique visualization tool for relative strength analysis. Chartists can use RRGs to analyze the relative strength trends of several securities against a common benchmark, and against each other. The real power of this tool is its ability to plot relative performance on one graph and show true rotation. We have all heard of sector and asset class rotation, but it is hard to visualize this "rotation" sequence on linear charts. RRGs use four quadrants to define the four phases of a relative trend. True rotations can be seen as securities move from one quadrant to the other over time." - Stockcharts

What are TPA-RRG scores?

TPA recognizes the power of RRGs to highlight stocks and sectors moving in and out of favor, but also notes the shortcoming of having to examine many RRGs to decide where to invest. TPA has developed TPA-RRG Scores to be able to rank stocks and sectors in terms of relative strength. TPA-RRG scores are constructed to focus on stocks and sectors as they move from negative to positive and positive to negative. Scoring also allows ranking so investors can focus on the best and worst areas of the market.

How are TPA-RRG scores created?

TPA uses not only the **RS Ratio** and **RS Momentum** of each stock to make its forecast, but TPA also uses certain characteristics on each stock's RS to calculate its score. The following measures are used to calculate the TPA-RRG score:

- 1. **RRG ANGLE** Represents the current position of the security on the RRG chart based on the points of the compass:
 - > 0-90 Degrees = Leading Quadrant
 - 90-180 Degrees = Weakening Quadrant
 - ➤ 180-270 Degrees = Lagging Quadrant
 - 270-360 Degrees = Improving Quadrant
- RRG DISTANCE This number represents how far away the security is from the center of the RRG chart (ie the benchmark). One of the observations is that higher alpha comes from those components that make bigger arcs around the benchmark. We will ignore those closest to the center.
- 3. **RRG ANGLE ROC** The Angle Rate of Change measures the distance of the angle of the current data point of a security, to the previous data point. The greater the value, the larger the distance between the two data points.

- 4. **RRG HEADING** This is the direction that the arrow is pointing to (where the RS is headed), again based on the points of the compass, and is one of the most useful measures:
 - > 0 degrees = North (up) positive
 - ➤ 45 degrees = Northeast less positive
 - > 90 degrees = East (right) positive
 - ➤ 180 degrees = South (down) negative
 - > 270 degrees = West (left) negative
- 5. **RRG VELOCITY** This is the vector difference or distance between the last two data points on the line; with the longest having the highest relative momentum:

How investors can use TPA-RRG

- 1. The Sector analysis lets clients focus on the best and avoid the worst areas of the market
- 2. TPA-RRG ranks the entire Russell 1000 and provides the Top 20 and Bottom 20 stocks so investors can see the best and worst stocks to make sure they are <u>taking advantage of</u> opportunities and not getting into trouble.
- 3. We also look at the top and bottom stocks through a standard technical analysis to <u>avoid stocks</u> that are overbought, oversold or at other technical trouble spots.
- 4. Finally, we provide TPA-RRG Scores and rankings for the stocks in the most used 25 sector and subsector ETFs. This analysis is especially helpful for investors who are focused on <u>specific areas</u> of the market.

You can learn more about RRGs with these links:

Relative Rotation Graphs (RRG) – explanation video

RRG – written explanation

Included in the Weekly TPA-RRG Report

- 1. The weekly TPA RRG Report will provide RRG Scores, Rankings, RRG and a RRG Video for:
 - 25 Major Sector and Subsector ETFs
 - Top 20 & Bottom 20 stocks in the Russell 1000 based on TPA's RRG and Trend-Range analysis
- 2. The report will also include:
 - TPA RRG scores and rankings for the focus stocks in the 11 major sectors ETFs and 14 major subsectors ETFs. Provided in a separate PDF
- 3. Finally, TPA will provide a weekly commentary on TPA-RRG Scores and Rankings

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fundamentals of the security in question and it does not provide information reasonably sufficient upon which to base an investment decision. Investors should not rely on technical analysis alone while making an investment decision. Before making an investment decision, investors should consider reviewing all publicly available information regarding the security in question, including, but not limited to, the underlying fundamentals of the security and other information which is available in filings with the Securities and Exchange Commission. The information and analysis contained in reports provided by TPA are copyrighted and may not be duplicated or redistributed for any reason without the express written consent of TPA. The information in this communication is for institutional or sophisticated investors only. By accepting this communication, the recipient agrees not to forward, and/or copy the information to any other person, except as permitted, or required by law. TPA does not guarantee accuracy or completeness. TPA is a publisher of technical research and has no investment banking or advisory relationship with any company mentioned in any report. Reports are neither a solicitation to buy nor an offer to sell securities. Past performance is in no way indicative of future results. Opinions expressed are subject to change without notice. TPA will provide, upon request, the details of any past recommendations. TPA's analysis and recommendations should not be used as the sole reason to buy or sell any security. TPA may compensate brokers and intermediaries for sales and marketing services. You understand and acknowledge that there is a very high degree of risk involved in trading securities and/or currencies. The Company, the authors, the publisher, and all affiliates of Company assume no responsibility or liability for your trading and investment results. It should not be assumed that the methods, techniques, or indicators presented will be profitable or that they will not result in losses. Statements, data, and analysis made by TPA or in its publications, are made as of the date stated and are subject to change without notice. TPA and/or its officers and employees may, from time to time acquire, hold, or sell a position in the securities mentioned herein. Upon request, TPA will furnish specific information in this regard. TPA will not be held liable for losses caused by conditions and/or events that are beyond TPA's control, including, but not limited to, war, strikes, natural disasters, new government restrictions, market fluctuations, and communications disruptions.