

Global Laggards

August 11, 2022

Overview

In 1963, we began profiling the characteristics of top-performing stocks prior to their outstanding runs in market cycles dating back to the 1880s. Through our decades of research, we have produced powerful proprietary Ratings and Rankings that help identify leading and lagging stocks. These metrics form the foundation of our O'Neil Methodology (OM) and our evaluation services.

Our Global Laggards list comprises stocks that have poor O'Neil Ratings and Rankings. This list has been curated by our sector analysts to find stocks showing technical weakness. We believe these stocks are laggards relative to their own domestic markets. We recommend that they be underweighted as they may be vulnerable to further downside risk and underperformance.

Criteria used to build the list include:

- Our proprietary Relative Strength Rating gauges the market's top performers by looking at a stock's price change relative to all stocks within a country. The rating is calculated over 12 months, with higher weighting for more recent months. Stocks are ranked in order of greatest percentage price change and assigned a rank from 99 (best) to 1 (worst). Stocks on this list will usually show a low or declining RS Rating.
- Our proprietary Accumulation/Distribution Rating shows where money is flowing by tracking the relative degree of institutional buying and selling over the prior 13 weeks. It is a technical rating based on price and volume statistics, where A = best and E = worst. Stocks on this list will usually have a low or falling Accumulation/Distribution Rating, indicating institutional selling.
- Our unique Negative Alerts Score uses 11 monitoring characteristics to detect a stock's decline, allowing you to act early on weakening holdings. Stocks on this list will usually have multiple alerts, indicating a possible breakdown.

Stocks in the table below are believed by our analysts to warrant greater attention due to their vulnerability.

United States Highlighted Stocks

Symbol	Name	Sector Name	Industry Group Name	Market Value, USD (Mil)	Avg Daily Dollar Vol (000), USD	Short Interest, % of Float	Negative Alert Score, 10 Wks	EPS Rank	RS Rating	A/D Rating
VVV	Valvoline Inc	Basic Material	Chemicals-Specialty	5,254	39,591	0	4	80	48	C-
LPX	Louisiana Pacific Corp	Basic Material	Bldg-Wood Prds	4,973	76,682	0	6	89	25	D
ATKR	Atkore Inc	Consumer Cyclical	Bldg-Constr Prds/Misc	3,723	44,488	0	5	99	24	D-
HAS	Hasbro Inc	Consumer Cyclical	Leisure-Toys/Games/Hobby	11,013	85,503	0	4	54	21	C-
WH	Wyndham Hotels & Resorts	Consumer Cyclical	Leisure-Lodging	6,448	52,515	0	5	82	25	D
RL	Ralph Lauren Corp Cl A	Consumer Cyclical	Apparel-Clothing Mfg	4,511	91,050	0	5	47	25	C-
CLX	Clorox Co	Consumer Staple	Soap & Cng Preparatns	18,057	199,818	0	5	45	41	D+
APA	A P A Corp	Energy	Oil&Gas-Intl Expl&Prod	11,564	288,290	0	4	79	88	D-
SLB	Schlumberger Ltd	Energy	Oil&Gas-Field Services	51,563	488,657	0	5	78	68	D-
CME	C M E Group Inc	Financial	Financial Svcs-Specialty	72,351	286,589	0	5	83	41	D-
STE	Steris Plc	Health Care	Medical-Systems/Equip	21,352	111,522	0	6	92	48	C
OMCL	Omniceil Inc	Health Care	Medical-Systems/Equip	4,906	68,498	0	5	79	17	C-
TSCO	Tractor Supply Co	Retail	Retail/Whlsle-Bldg Prds	21,664	224,241	0	6	91	48	E
LAD	Lithia Motors Inc Cl A	Retail	Retail/Whlsle-Automobile	8,004	81,471	0	4	95	25	E
IIVI	Ii-Vi Incorporated	Technology	Electronic-Parts	5,652	94,146	0	4	82	17	D-

Symbol	Name	Sector Name	Industry Group Name	Market Value, USD (Mil)	Avg Daily Dollar Vol (000), USD	Short Interest, % of Float	Negative Alert Score, 10 Wks	EPS Rank	RS Rating	A/D Rating
I	A T & T Inc	Technology	Telecom Svcs-Integrated	129,900	701,358	0	4	48	41	D+
CCOI	Cogent Comm Hldgs Inc	Technology	Telecom Svcs-Cable/Satl	2,839	14,427	0	4	56	32	C-
TDC	Teradata Corp	Technology	Computer Sftwr-Database	3,778	27,270	0	6	47	23	C-
LUV	Southwest Airlines Co	Transportation	Transportation-Airline	23,564	233,245	0	6	69	21	D-

Developed Markets Highlighted Stocks

Symbol	Name	Trading Country	Sector Name	Industry Group Name	Market Value, USD (Mil)	Avg Daily Dollar Vol (000), USD	Negative Alert Score, 10 Wks	EPS Rank	RS Rating	A/D Rating
AG@N.JP	AGC Inc	Japan	Consumer Cyclical	Bldg-Constr Prds/Misc	8,249	40,715	4	64	32	D
AC.FR	Accor	France	Consumer Cyclical	Leisure-Lodging	7,243	16,557	3	20	27	C
SESA.JP	Sega Sammy Hdg.	Japan	Consumer Cyclical	Leisure-Movies & Related	3,563	14,122	2	39	64	D-
BKT.ES	Bankinter 'R'	Spain	Financial	Banks-Money Center	4,704	16,333	4	45	47	D-
EMP/A.CA	Empire 'A'	Canada	Retail	Wholesale-Food	4,906	11,772	3	98	69	C-
SM@N.JP	Murata Manufacturing	Japan	Technology	Electronic-Parts	38,893	124,689	6	82	23	D
QAN.AU	Qantas Airways	Australia	Transportation	Transportation-Airline	6,262	24,882	5	67	54	D-

Emerging Markets Highlighted Stocks

Symbol	Name	Trading Country	Sector Name	Industry Group Name	Market Value, USD (Mil)	Avg Daily Dollar Vol (000), USD	Negative Alert Score, 10 Wks	EPS Rank	RS Rating	A/D Rating
INVX.TH	Indorama Ventures	Thailand	Basic Material	Chemicals-Specialty	6,788	23,902	3	83	64	C-
MLC.IN	United Spirits	India	Consumer Staple	Beverages-Alcoholic	7,211	12,228	4	94	39	C
GLV.KR	Hyundai Glovis	South Korea	Transportation	Transportation-Logistics	5,289	14,471	2	93	76	B-

U.S. Market

Symbol	Name	Sector Name	Industry Group Name	Market Value, USD (Mil)	Avg Daily Dollar Vol (000), USD	Short Interest, % of Float	Negative Alert Score, 10 Wks	EPS Rank	RS Rating	A/D Rating
CRH	C R H Plc Adr	Basic Material	Bldg-Cement/Concrt/Ag	31,047	23,845	0.3%	5	91	25	D
LPX	Louisiana Pacific Corp	Basic Material	Bldg-Wood Prds	4,973	76,682	6.8%	6	89	25	D
HUN	Huntsman Corp	Basic Material	Chemicals-Basic	6,284	75,556	4.1%	6	87	32	D+
DD	DuPont de Nemours Inc	Basic Material	Chemicals-Basic	31,869	187,097	1.1%	6	58	21	C-
CE	Celanese Corp	Basic Material	Chemicals-Basic	12,643	131,577	1.7%	7	85	13	D-
SHW	Sherwin-Williams Co	Basic Material	Chemicals-Paints	63,852	443,363	1.0%	3	68	23	C
TROX	Tronox Holdings plc	Basic Material	Chemicals-Specialty	2,462	17,685	4.1%	4	97	16	D+
VVV	Valvoline Inc	Basic Material	Chemicals-Specialty	5,254	39,591	1.9%	4	80	48	C-
MEOH	Methanex Corp	Basic Material	Chemicals-Specialty	2,816	19,970	2.1%	8	48	21	D-
GOLD	Barrick Gold Corporation	Basic Material	Mining-Gold/Silver/Gems	29,651	349,132	1.6%	7	63	17	E
SSRM	SSR Mining Inc	Basic Material	Mining-Gold/Silver/Gems	3,406	44,615	4.2%	6	65	27	D+
WPM	Wheaton Precious Metals	Basic Material	Mining-Gold/Silver/Gems	15,609	92,292	3.7%	5	70	19	E
AEM	Agnico Eagle Mines Ltd	Basic Material	Mining-Gold/Silver/Gems	20,819	150,245	1.7%	6	82	23	C-
RGLD	Royal Gold Inc	Basic Material	Mining-Gold/Silver/Gems	6,773	58,025	3.5%	7	86	38	D-
NXE	Nexgen Energy Ltd	Basic Material	Mining-Metal Ores	2,042	10,010	3.4%	6	59	48	C-
FCX	Freeport McMoRan Inc	Basic Material	Mining-Metal Ores	47,340	672,626	1.9%	8	44	19	C
SUZ	Suzano S A Adr	Basic Material	Paper & Paper Products	13,232	15,348	0.5%	6	32	52	D
MT	Arcelor Mittal	Basic Material	Steel-Producers	30,057	83,026	0.5%	6	70	20	C-
SPR	Spirit Aerosystems Hldgs	Capital Equipment	Aerospace/Defense	3,544	69,466	5.5%	3	25	23	C
GVA	Granite Construction Inc	Capital Equipment	Bldg-Heavy Construction	1,439	12,059	10.8%	5	14	30	C-
IPG	Interpublic Group Of Cos	Capital Equipment	Comml Svcs-Advertising	11,942	102,075	3.2%	5	73	24	D-
GATX	G A T X Corp	Capital Equipment	Comml Svcs-Leasing	3,559	16,936	7.8%	7	65	60	C
RHI	Robert Half Intl Inc	Capital Equipment	Comml Svcs-Staffing	9,023	84,749	5.7%	6	91	15	D-
BALL	Ball Corp	Capital Equipment	Containers/Packaging	18,634	139,309	2.1%	6	82	12	D-
BRKA	Berkshire Hathaway Cl A	Capital Equipment	Diversified Operations	274,690	974,160	0.1%	6	75	56	C
CNHI	C N H Industrial Nv	Capital Equipment	Machinery-Constr/Mining	17,808	46,213	1.0%	7	81	25	D+
CAT	Caterpillar Inc	Capital Equipment	Machinery-Constr/Mining	103,525	597,907	1.0%	7	74	38	E
AGCO	A G C O Corp	Capital Equipment	Machinery-Farm	8,387	68,838	1.9%	6	88	25	D+
PNR	Pentair plc	Capital Equipment	Machinery-Gen Industrial	8,312	68,860	2.7%	5	85	20	C-
KMT	Kennametal Inc	Capital Equipment	Machinery-Tools & Rel	2,254	20,899	5.9%	4	52	23	C-
KALU	Kaiser Aluminum Corp	Capital Equipment	Metal Proc & Fabrication	1,246	13,864	3.9%	7	22	13	C
ALLE	Allegion Plc	Capital Equipment	Security/Sfty	9,090	72,959	2.1%	5	69	21	C-
GBX	Greenbrier Companies Inc	Capital Equipment	Transportation-Equip Mfg	1,031	11,732	7.3%	5	33	13	E
OSK	Oshkosh Corporation	Capital Equipment	Trucks & Parts-Hvy Duty	5,730	46,485	1.9%	4	16	19	D+
RL	Ralph Lauren Corp Cl A	Consumer Cyclical	Apparel-Clothing Mfg	4,511	91,050	9.2%	5	47	25	C-

Symbol	Name	Sector Name	Industry Group Name	Market Value, USD (Mil)	Avg Daily Dollar Vol (000), USD	Short Interest, % of Float	Negative Alert Score, 10 Wks	EPS Rank	RS Rating	A/D Rating
COLM	Columbia Sportswear Co	Consumer Cyclical	Apparel-Clothing Mfg	4,852	29,330	3.0%	6	47	21	C-
GIII	G III Apparel Group Inc	Consumer Cyclical	Apparel-Clothing Mfg	1,152	11,973	9.5%	6	91	25	D
NKE	Nike Inc Cl B	Consumer Cyclical	Apparel-Shoes & Rel Mfg	146,919	833,604	1.2%	6	59	21	C+
HMC	Honda Motor Co Ltd ADR	Consumer Cyclical	Auto Manufacturers	47,120	33,629	0.2%	5	27	52	C+
TM	Toyota Motor Corp ADR	Consumer Cyclical	Auto Manufacturers	260,306	34,594	0.0%	6	45	35	D-
GNTX	Gentex Corp	Consumer Cyclical	Auto/Truck-Original Eqp	6,633	35,178	2.0%	4	47	32	C
THRM	Gentherm Inc	Consumer Cyclical	Auto/Truck-Original Eqp	2,111	11,435	2.7%	4	31	21	D-
MGA	Magna International Inc	Consumer Cyclical	Auto/Truck-Original Eqp	19,024	69,277	1.4%	5	28	35	C-
BWA	Borgwarner Inc	Consumer Cyclical	Auto/Truck-Original Eqp	9,502	72,494	2.9%	5	46	44	C-
SPB	Spectrum Brands Hldgs	Consumer Cyclical	Bldg-Constr Prds/Misc	2,911	23,102	4.3%	7	12	17	C
ATKR	Atkore Inc	Consumer Cyclical	Bldg-Constr Prds/Misc	3,723	44,488	5.1%	5	99	24	D-
MHK	Mohawk Industries Inc	Consumer Cyclical	Bldg-Constr Prds/Misc	8,064	71,920	3.3%	4	54	15	D-
CCS	Century Communities Inc	Consumer Cyclical	Bldg-Resident/Comm	1,707	16,204	8.0%	5	97	27	D-
TPH	Tri Pointe Homes Inc	Consumer Cyclical	Bldg-Resident/Comm	1,917	27,869	5.6%	4	96	23	C
SONO	Sonos Inc	Consumer Cyclical	Consumer Prod-Electronic	2,267	47,646	8.4%	4	20	38	B
GRMN	Garmin Ltd	Consumer Cyclical	Consumer Prod-Electronic	19,239	103,531	1.7%	4	77	18	C
ENR	Energizer Holdings Inc	Consumer Cyclical	Consumer Prod-Specialty	2,286	18,191	6.7%	5	50	30	C-
MLKN	Millerknoll Inc	Consumer Cyclical	Hsehold/Office Furniture	2,444	14,135	4.9%	3	45	35	B-
TPX	Tempur Sealy Intl Inc	Consumer Cyclical	Hsehold/Office Furniture	5,056	65,794	7.6%	5	81	21	B
WYNN	Wynn Resorts Ltd	Consumer Cyclical	Leisure-Gaming/Equip	7,961	198,442	9.2%	5	49	24	D+
HLT	Hilton Worldwide Hldgs	Consumer Cyclical	Leisure-Lodging	37,449	291,245	1.9%	7	77	56	D+
WH	Wyndham Hotels & Resorts	Consumer Cyclical	Leisure-Lodging	6,448	52,515	2.7%	5	82	25	D
CHH	Choice Hotels Intl Inc	Consumer Cyclical	Leisure-Lodging	6,555	37,859	5.7%	7	82	25	C
VSTO	Vista Outdoor Inc	Consumer Cyclical	Leisure-Products	1,733	25,385	10.1%	6	98	13	D
TNL	Travel + Leisure Co	Consumer Cyclical	Leisure-Services	3,879	34,766	3.3%	5	73	21	C
FUN	Cedar Fair Lp	Consumer Cyclical	Leisure-Services	2,521	17,858	10.0%	7	62	35	C
MTN	Vail Resorts Inc	Consumer Cyclical	Leisure-Services	9,903	86,675	2.7%	4	66	30	D+
SIX	Six Flags Entertainment	Consumer Cyclical	Leisure-Services	1,770	79,330	9.2%	6	55	11	C-
MSGE	M S G Entertainment Cl A	Consumer Cyclical	Leisure-Services	1,730	10,375	5.4%	5	61	38	C
HAS	Hasbro Inc	Consumer Cyclical	Leisure-Toys/Games/Hobby	11,013	85,503	3.4%	4	54	21	C-
FOX	Fox Corporation Cl B	Consumer Cyclical	Media-Diversified	8,302	32,024	1.1%	3	63	44	C
SONY	Sony Group Corp ADR	Consumer Cyclical	Media-Diversified	106,856	59,330	0.1%	3	86	30	C-
FOXA	Fox Corporation Cl A	Consumer Cyclical	Media-Diversified	1,147	79,404	30.5%	3	63	44	C+
PARA	Paramount Global Cl B	Consumer Cyclical	Media-Diversified	16,176	230,464	9.1%	5	28	15	D
NYT	New York Times Co Cl A	Consumer Cyclical	Media-Newspapers	5,635	46,188	4.4%	6	60	18	D+
AMCX	Amc Networks Inc	Consumer Cyclical	Media-Radio/Tv	991	10,150	8.2%	3	47	13	D+
BUD	Anheuser Busch Inbev ADR	Consumer Staple	Beverages-Alcoholic	110,000	74,497	0.1%	4	50	44	D

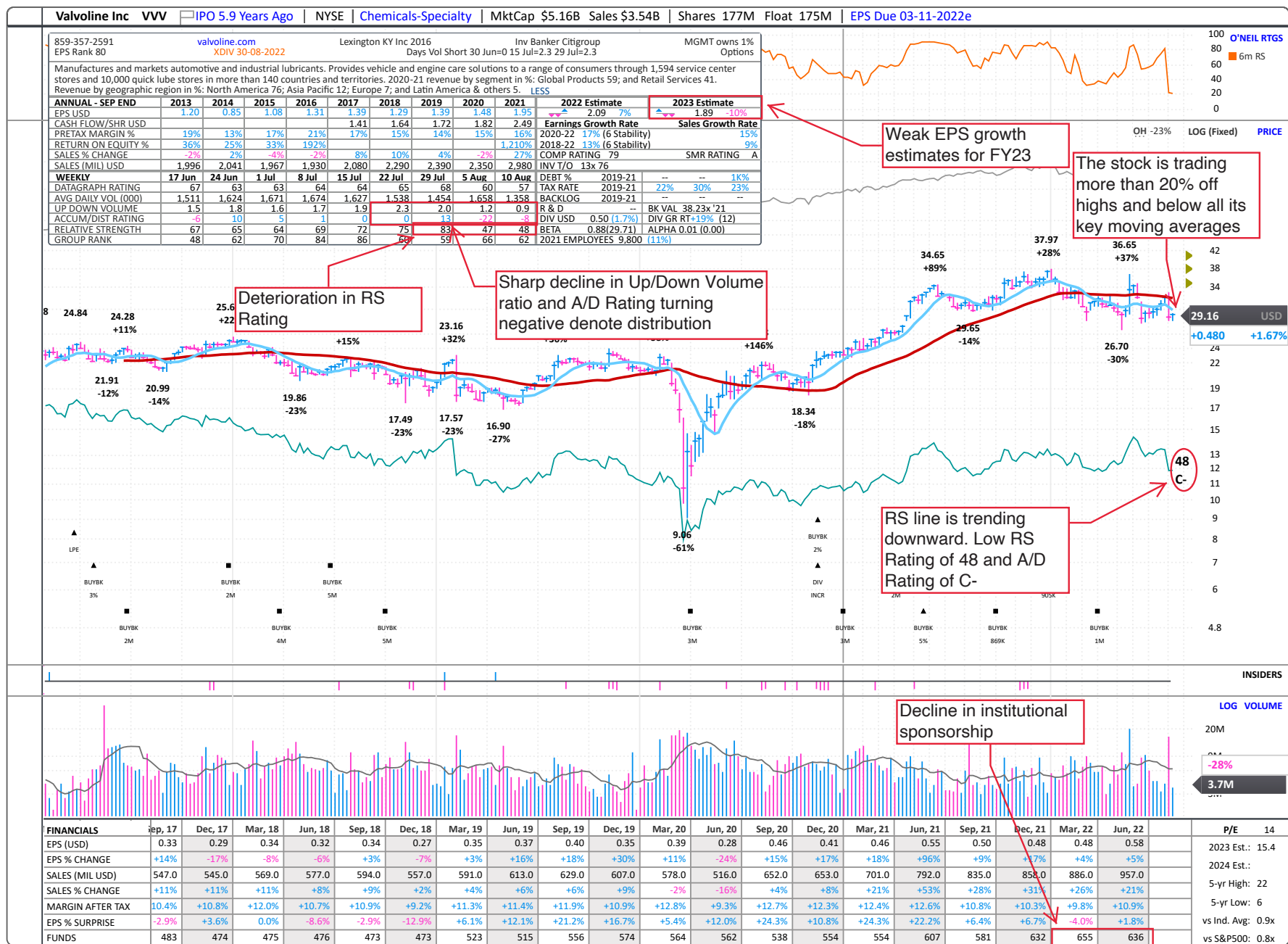
Symbol	Name	Sector Name	Industry Group Name	Market Value, USD (Mil)	Avg Daily Dollar Vol (000), USD	Short Interest, % of Float	Negative Alert Score, 10 Wks	EPS Rank	RS Rating	A/D Rating
FMX	Fomento Econ Mex Sab Ads	Consumer Staple	Beverages-Non-Alcoholic	13,490	38,893	2.0%	5	52	18	C-
HELE	Helen Of Troy Ltd	Consumer Staple	Cosmetics/Personal Care	3,182	37,671	7.7%	6	84	7	D+
COTY	Coty Inc	Consumer Staple	Cosmetics/Personal Care	6,412	52,416	5.7%	4	26	48	C
NUS	Nu Skin Enterprises Inc	Consumer Staple	Cosmetics/Personal Care	2,313	17,162	5.9%	5	46	56	E
TSN	Tyson Foods Inc Cl A	Consumer Staple	Food-Meat Products	23,644	152,149	1.7%	3	75	32	D-
MKC	Mccormick & Co	Consumer Staple	Food-Misc Preparation	22,646	110,727	3.4%	7	59	56	C
CLX	Clorox Co	Consumer Staple	Soap & Cng Preparatns	18,057	199,818	6.0%	5	45	41	D+
SLB	Schlumberger Ltd	Energy	Oil&Gas-Field Services	51,563	488,657	1.7%	5	78	68	D-
APA	A P A Corp	Energy	Oil&Gas-Intl Expl&Prod	11,564	288,290	2.5%	4	79	88	D-
BKR	Baker Hughes Co Cl A	Energy	Oil&Gas-Machinery/Equip	25,486	247,703	3.2%	6	90	32	E
BBD	Banco Bradesco Sa Adr pf	Financial	Banks-Foreign	15,105	123,196	1.0%	4	48	35	D+
BK	Bank of New York Mellon	Financial	Banks-Money Center	35,893	167,479	1.2%	5	55	24	C
JPM	J P Morgan Chase & Co	Financial	Banks-Money Center	354,884	1,497,977	0.6%	3	65	21	C-
UBS	U B S Group Ag Adr	Financial	Banks-Money Center	62,475	60,670	0.2%	5	85	44	D+
DB	Deutsche Bk Ag Adr	Financial	Banks-Money Center	19,533	43,420	0.7%	4	63	15	D
MUFG	Mitsubishi Ufj Fincl Ads	Financial	Banks-Money Center	69,975	17,704	0.1%	6	20	41	E
SMFG	Sumitomo Mitsui Finl Adr	Financial	Banks-Money Center	43,565	19,024	0.0%	5	53	48	D+
SAN	Banco Santander Sa Adr	Financial	Banks-Money Center	47,359	19,373	0.0%	5	61	17	E
RY	Royal Bank Of Canada	Financial	Banks-Money Center	141,007	91,371	1.8%	4	76	48	E
CUBI	Customers Bancorp Inc	Financial	Banks-Northeast	1,288	15,422	6.1%	6	82	21	C-
USB	U S Bancorp Inc	Financial	Banks-Super Regional	72,237	329,116	0.8%	6	48	27	C-
NTRS	Northern Trust Corp	Financial	Banks-Super Regional	21,570	98,470	1.7%	7	73	32	C+
SIVB	S V B Financial Group	Financial	Banks-Super Regional	27,053	269,445	3.0%	5	69	20	C-
PACW	Pacwest Bancorp	Financial	Banks-West/Southwest	3,471	39,749	2.8%	4	45	14	D+
EEFT	Euronet Worldwide Inc	Financial	Finance-CrdtCard/PmtPr	5,138	39,238	2.5%	4	83	20	C
BFH	Bread Financial Holdings	Financial	Finance-CrdtCard/PmtPr	2,258	46,637	6.6%	8	19	10	D-
CS	Credit Suisse Grp AG Adr	Financial	Finance-Invest Bnk/Bkrs	14,174	90,711	0.5%	7	14	10	C
HLI	Houlihan Lokey Inc Cl A	Financial	Finance-Invest Bnk/Bkrs	4,309	22,949	2.8%	6	81	38	D
MKTX	Marketaxess Holdings Inc	Financial	Finance-Invest Bnk/Bkrs	10,227	86,853	1.6%	4	72	20	C-
CG	The Carlyle Group Inc	Financial	Finance-Investment Mgmt	12,901	87,990	6.0%	5	14	18	D
DLR	Digital Realty Trust Inc	Financial	Finance-Property REIT	37,898	216,174	2.7%	5	52	44	C-
VTR	Ventas Inc	Financial	Finance-Property REIT	20,787	92,340	1.5%	3	32	52	C-
PEB	Pebblebrook Hotel Tr	Financial	Finance-Property REIT	2,620	33,969	9.2%	4	61	24	D+
WELL	Welltower Inc	Financial	Finance-Property REIT	37,600	195,004	3.0%	6	58	60	C-
IRT	Independence Realty Trst	Financial	Finance-Property REIT	4,910	52,146	4.1%	6	49	56	D-
RYN	Rayonier Inc Reit	Financial	Finance-Property REIT	5,474	22,321	1.5%	8	49	60	E
WRE	Washington Reit	Financial	Finance-Property REIT	1,891	11,245	4.6%	5	43	32	E

Symbol	Name	Sector Name	Industry Group Name	Market Value, USD (Mil)	Avg Daily Dollar Vol (000), USD	Short Interest, % of Float	Negative Alert Score, 10 Wks	EPS Rank	RS Rating	A/D Rating
CME	C M E Group Inc	Financial	Financial Svcs-Specialty	72,351	286,589	0.9%	5	83	41	D-
VIRT	Virtu Financial Inc Cl A	Financial	Financial Svcs-Specialty	2,605	33,756	5.1%	7	87	25	C
TRU	TransUnion	Financial	Financial Svcs-Specialty	16,138	118,569	1.8%	4	88	23	D
PRAA	P R A Group Inc	Financial	Financial Svcs-Specialty	1,544	12,064	8.6%	4	73	41	D+
FIS	Fidelity Natl Info Svcs	Financial	Financial Svcs-Specialty	62,091	327,706	1.2%	3	80	38	C
CNO	C N O Financial Group	Financial	Insurance-Acc & Health	2,265	19,326	3.8%	3	85	21	C+
L	Loews Corp	Financial	Insurance-Diversified	13,903	50,966	0.9%	7	73	48	C-
AIZ	Assurant Inc	Financial	Insurance-Diversified	8,828	78,704	1.7%	4	86	48	C
HIG	Hartford Finl Svcs Grp	Financial	Insurance-Diversified	22,290	125,247	0.7%	7	90	48	D+
LNC	Lincoln National Corp	Financial	Insurance-Life	8,603	81,300	2.9%	5	36	15	D
PUK	Prudential Plc Adr	Financial	Insurance-Life	33,945	14,246	0.0%	4	33	21	D
VOYA	Voya Financial Inc	Financial	Insurance-Life	6,443	70,269	19.0%	5	73	44	D+
RNR	Renaissancere Holdings	Financial	Insurance-Prop/Cas/Titl	5,860	47,498	1.8%	4	50	25	E
KMPR	Kemper Corporation	Financial	Insurance-Prop/Cas/Titl	2,981	12,498	2.9%	5	32	21	D+
CINF	Cincinnati Financial	Financial	Insurance-Prop/Cas/Titl	16,319	82,443	2.7%	7	68	18	D-
MCY	Mercury General Corp	Financial	Insurance-Prop/Cas/Titl	1,844	15,550	4.9%	5	8	7	E
MKL	Markel Corp	Financial	Insurance-Prop/Cas/Titl	16,434	66,941	0.8%	6	8	44	D-
JLL	Jones Lang Lasalle Inc	Financial	Real Estate Dvlpmt/Ops	8,859	67,863	2.6%	6	90	16	D+
HHC	Howard Hughes Corp	Financial	Real Estate Dvlpmt/Ops	3,754	23,115	4.6%	7	77	20	C
ALKS	Alkermes Plc	Health Care	Medical-Biomed/Biotech	4,191	40,496	4.9%	4	68	64	D-
INVA	Innoviva Inc	Health Care	Medical-Biomed/Biotech	1,021	12,757	16.8%	6	40	38	D+
HZNP	Horizon Therap Public	Health Care	Medical-Biomed/Biotech	15,814	174,144	3.4%	5	89	11	B-
EXEL	Exelixis Inc	Health Care	Medical-Biomed/Biotech	6,257	48,764	2.7%	2	66	80	C
GSK	G S K Plc Ads	Health Care	Medical-Diversified	89,416	219,382	0.2%	3	77	38	D-
JNJ	Johnson & Johnson	Health Care	Medical-Diversified	444,471	1,135,706	0.5%	3	70	64	C
SNY	Sanofi	Health Care	Medical-Ethical Drugs	107,063	103,675	0.1%	5	81	27	D-
ABBV	AbbVie Inc	Health Care	Medical-Ethical Drugs	249,322	858,423	0.8%	3	91	83	E
OGN	Organon & Co	Health Care	Medical-Generic Drugs	8,167	47,362	2.2%	6	38	44	D-
RDY	Dr Reddys Labs Ltd Adr	Health Care	Medical-Generic Drugs	8,865	10,510	0.9%	5	77	48	D-
FMS	Fresenius Medical Ads	Health Care	Medical-Outpnt/Hm Care	11,204	16,530	0.3%	5	43	5	E
ALC	Alcon Inc	Health Care	Medical-Products	35,261	55,343	1.0%	4	90	56	D-
BAX	Baxter International Inc	Health Care	Medical-Products	30,549	184,786	1.2%	5	87	15	E
NEOG	Neogen Corp	Health Care	Medical-Products	2,389	35,218	9.6%	5	76	10	C-
SHC	Sotera Health Co	Health Care	Medical-Services	5,603	25,120	6.3%	8	92	32	D+
HSIC	Henry Schein Inc	Health Care	Medical-Supplies	10,703	62,535	2.9%	5	75	48	D-
OMCL	Omniceil Inc	Health Care	Medical-Systems/Equip	4,906	68,498	8.1%	5	79	17	C-
STE	Steris Plc	Health Care	Medical-Systems/Equip	21,352	111,522	1.5%	6	92	48	C

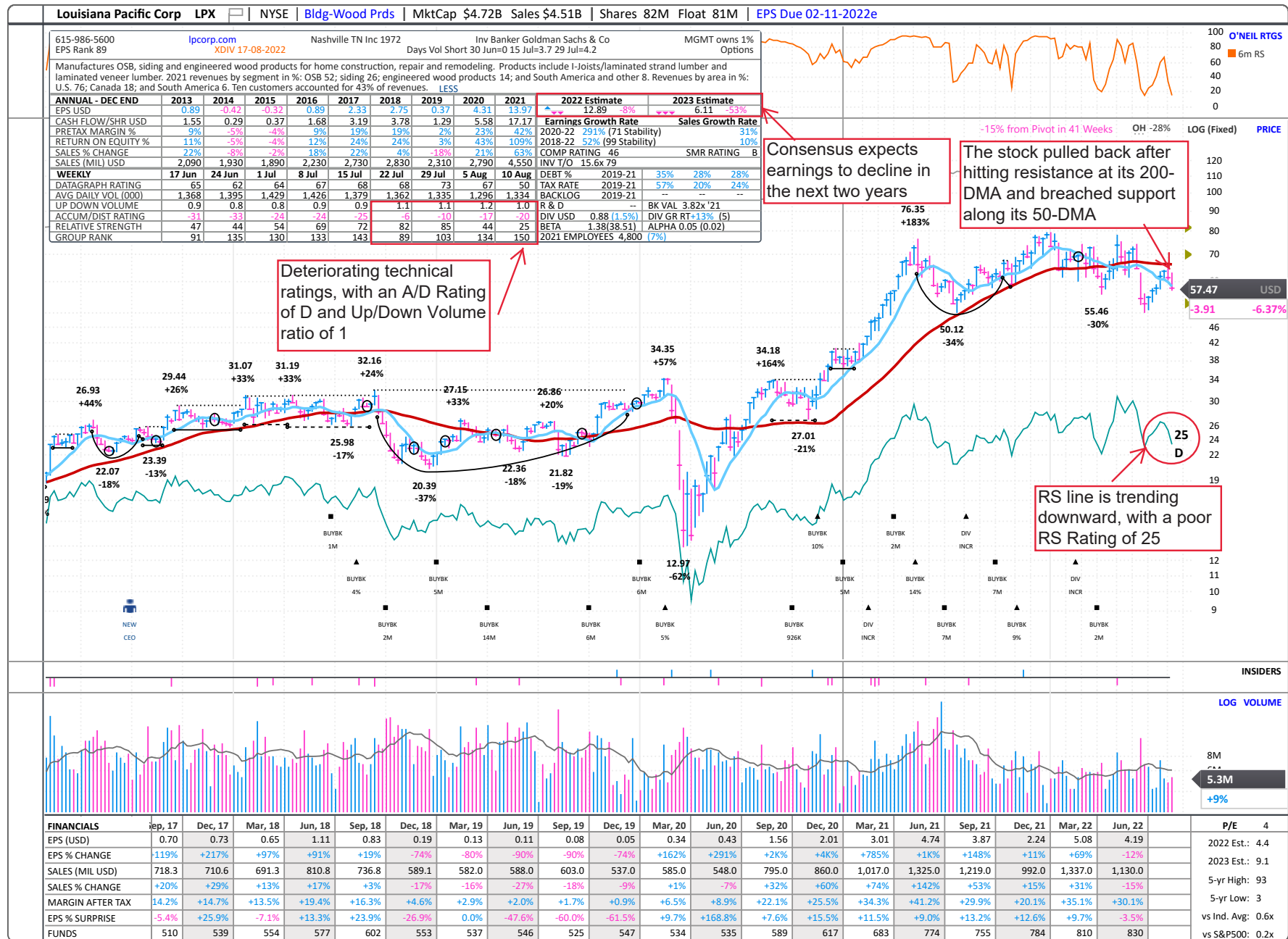
Symbol	Name	Sector Name	Industry Group Name	Market Value, USD (Mil)	Avg Daily Dollar Vol (000), USD	Short Interest, % of Float	Negative Alert Score, 10 Wks	EPS Rank	RS Rating	A/D Rating
JWN	Nordstrom Inc	Retail	Retail-Department Stores	3,897	107,181	53.9%	5	71	27	C
JD	JD.com Inc Cl A Ads	Retail	Retail-Internet	90,711	543,045	1.4%	4	93	30	C
LESL	Leslies Inc	Retail	Retail-Leisure Products	2,942	34,685	14.0%	5	40	16	D+
WMT	Walmart Inc	Retail	Retail-Major Disc Chains	354,294	1,073,037	1.1%	4	69	27	C-
DPZ	Dominos Pizza Inc	Retail	Retail-Restaurants	14,717	230,223	4.1%	6	78	68	D
PZZA	Papa Johns Intl Inc	Retail	Retail-Restaurants	3,296	44,707	6.4%	6	44	30	C-
IAA	IAA Inc	Retail	Retail/Whlsle-Automobile	4,961	36,396	1.6%	4	81	23	C
LAD	Lithia Motors Inc Cl A	Retail	Retail/Whlsle-Automobile	8,004	81,471	6.6%	4	95	25	E
TSCO	Tractor Supply Co	Retail	Retail/Whlsle-Bldg Prds	21,664	224,241	3.4%	6	91	48	E
HLMN	Hillman Solutions Cp CIA	Retail	Retail/Whlsle-Bldg Prds	1,882	14,388	11.3%	7	18	27	D
JAMF	Jamf Holding Corp	Technology	Comp Sftwr-Spec Enterprs	3,258	13,473	6.0%	4	18	44	D+
TDC	Teradata Corp	Technology	Computer Sftwr-Database	3,778	27,270	7.9%	6	47	23	C-
OTEX	Open Text Corp	Technology	Computer Sftwr-Database	10,700	21,014	1.3%	4	67	35	D-
ETWO	E2open Parent Hldgs Cl A	Technology	Computer Sftwr-Enterprse	2,355	15,900	5.8%	6	54	20	E
ZEN	Zendesk Inc	Technology	Computer Sftwr-Enterprse	9,428	362,695	11.2%	6	85	12	D-
SAP	S A P Se Adr	Technology	Computer Sftwr-Enterprse	117,887	115,524	0.1%	7	52	19	C
TTWO	Take-Two Interactv Sftwr	Technology	Computer Sftwr-Gaming	20,696	268,550	2.8%	4	28	32	D
TENB	Tenable Holdings Inc	Technology	Computer Sftwr-Security	4,893	49,376	2.8%	7	16	56	C-
NLOK	Nortonlifelock Inc	Technology	Computer Sftwr-Security	13,913	169,533	3.3%	5	69	44	C
STX	Seagate Technology Hldgs	Technology	Computer-Data Storage	17,373	161,138	5.9%	7	72	30	D
NTAP	Netapp Inc	Technology	Computer-Data Storage	16,565	118,064	2.5%	4	90	38	C
MU	Micron Technology Inc	Technology	Computer-Data Storage	70,469	1,110,837	3.2%	6	74	21	D-
WDC	Western Digital Corp	Technology	Computer-Data Storage	15,701	167,867	2.2%	6	46	20	E
LOGI	Logitech Intl Sa	Technology	Computer-Hardware/Perip	9,708	48,179	6.5%	4	64	17	D+
JNPR	Juniper Networks Inc	Technology	Computer-Networking	9,346	102,476	3.5%	8	54	38	E
HPE	Hewlett Packard Ent Co	Technology	Computer-Tech Services	19,224	142,545	2.2%	7	75	38	C-
WIT	Wipro Ltd Adr	Technology	Computer-Tech Services	29,964	19,059	0.7%	7	65	14	E
DXC	Dxc Technology Company	Technology	Computer-Tech Services	6,140	43,916	3.5%	6	48	17	C
CTSH	Cognizant Tech Sol	Technology	Computer-Tech Services	35,902	222,716	1.4%	5	76	30	C
IDCC	Interdigital Inc	Technology	Elec-Misc Products	1,726	15,436	8.5%	5	73	23	C-
KN	Knowles Corporation	Technology	Elec-Misc Products	1,538	12,737	4.1%	5	81	21	D
ST	Sensata Technologies Hdg	Technology	Elec-Misc Products	7,061	52,280	2.1%	5	46	27	E
ZBRA	Zebra Technologies Corp	Technology	Elec-Misc Products	17,958	143,387	1.7%	5	81	15	C
SMTC	Semtech Corporation	Technology	Elec-Semiconductor Fabls	3,396	31,102	2.2%	4	90	17	C-
TER	Teradyne Inc	Technology	Elec-Semiconductor Equip	16,398	181,112	2.9%	6	74	24	D
UCTT	Ultra Clean Holdings Inc	Technology	Elec-Semiconductor Equip	1,521	11,975	2.7%	6	76	19	D+
IIVI	Ii-Vi Incorporated	Technology	Electronic-Parts	5,652	94,146	10.5%	4	82	17	D-

Symbol	Name	Sector Name	Industry Group Name	Market Value, USD (Mil)	Avg Daily Dollar Vol (000), USD	Short Interest, % of Float	Negative Alert Score, 10 Wks	EPS Rank	RS Rating	A/D Rating
BIDU	Baidu Inc Ads	Technology	Internet-Content	49,470	375,176	2.4%	5	49	78	C
RCI	Rogers Communicatns Cl B	Technology	Telecom Svcs- Foreign	18,283	16,784	1.1%	4	75	38	E
CCOI	Cogent Comm Hldgs Inc	Technology	Telecom Svcs-Cable/Satl	2,839	14,427	4.4%	4	56	32	C-
SJR	Shaw Communications Cl B	Technology	Telecom Svcs-Cable/Satl	12,964	10,893	0.8%	6	70	56	C
CMCSA	Comcast Corp Cl A	Technology	Telecom Svcs-Cable/Satl	177,880	900,985	1.6%	5	88	19	D+
T	A T & T Inc	Technology	Telecom Svcs-Integrated	129,900	701,358	1.1%	4	48	41	D+
CHTR	Charter Comm	Technology	Telecom Svcs-Integrated	79,446	588,866	6.8%	6	99	18	D
ERIC	Ericsson L M Tel Adr	Technology	Telecom-Infrastructure	25,924	51,635	0.1%	5	31	19	D+
AAL	American Airlines Group	Transportation	Transportation-Airline	10,014	538,520	12.5%	6	65	19	D+
DAL	Delta Air Lines Inc	Transportation	Transportation-Airline	22,153	484,839	2.9%	6	67	20	C-
UAL	United Airlines Holdings	Transportation	Transportation-Airline	12,961	444,823	5.3%	5	64	20	C
LUV	Southwest Airlines Co	Transportation	Transportation-Airline	23,564	233,245	1.6%	6	69	21	D-

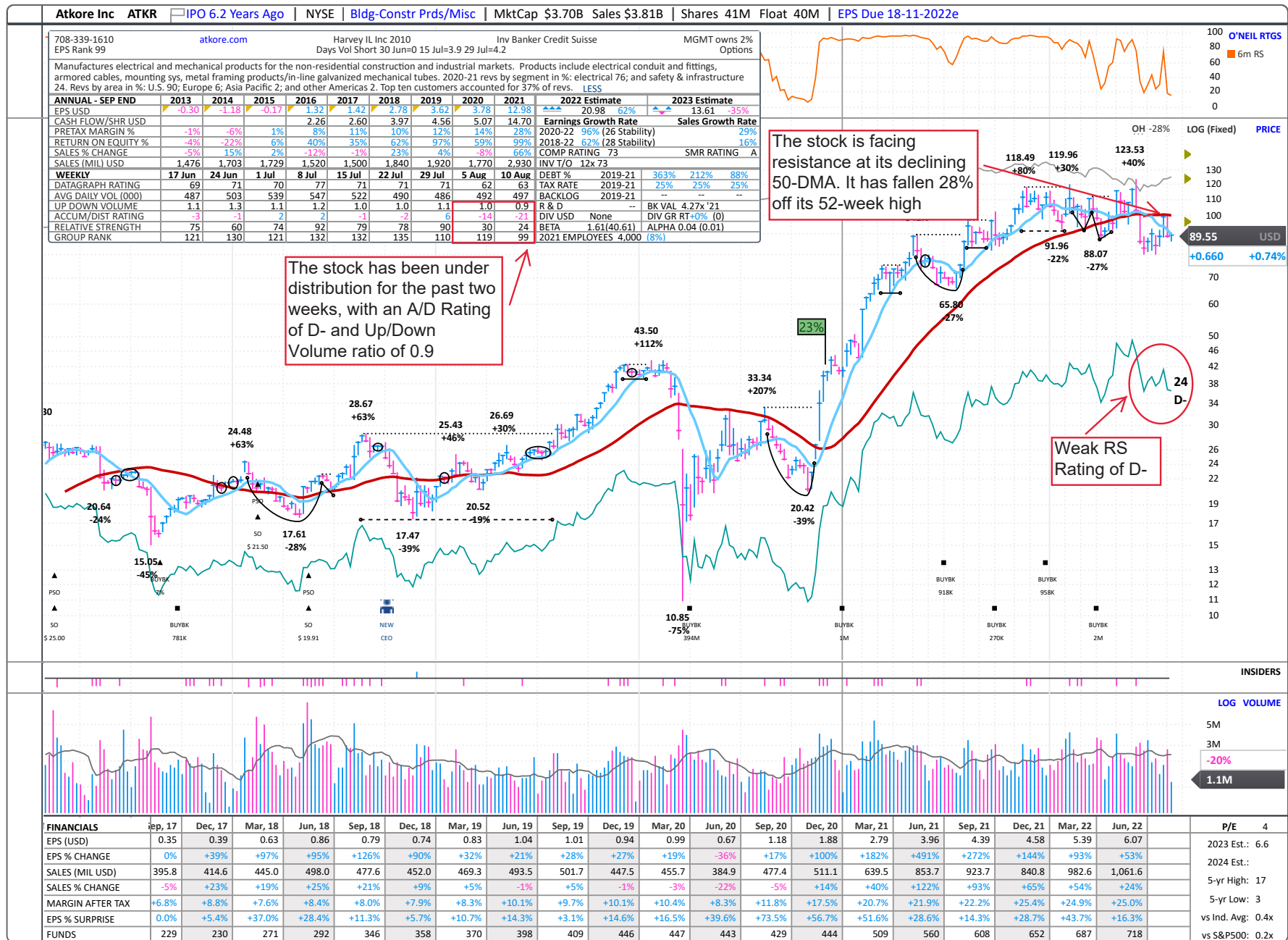
U.S. — Basic Material — Highlighted Laggard



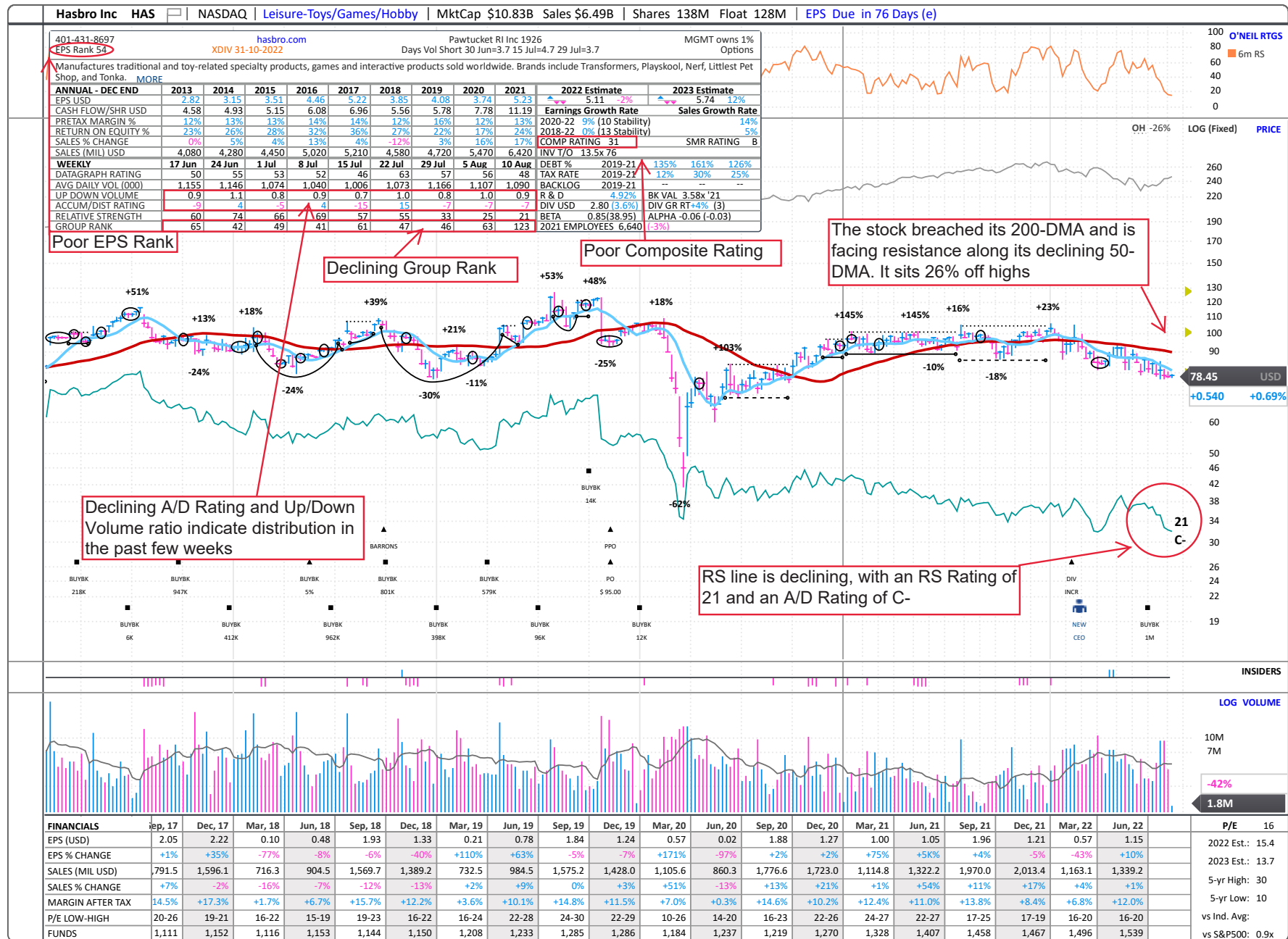
U.S.—Basic Material—Highlighted Laggard



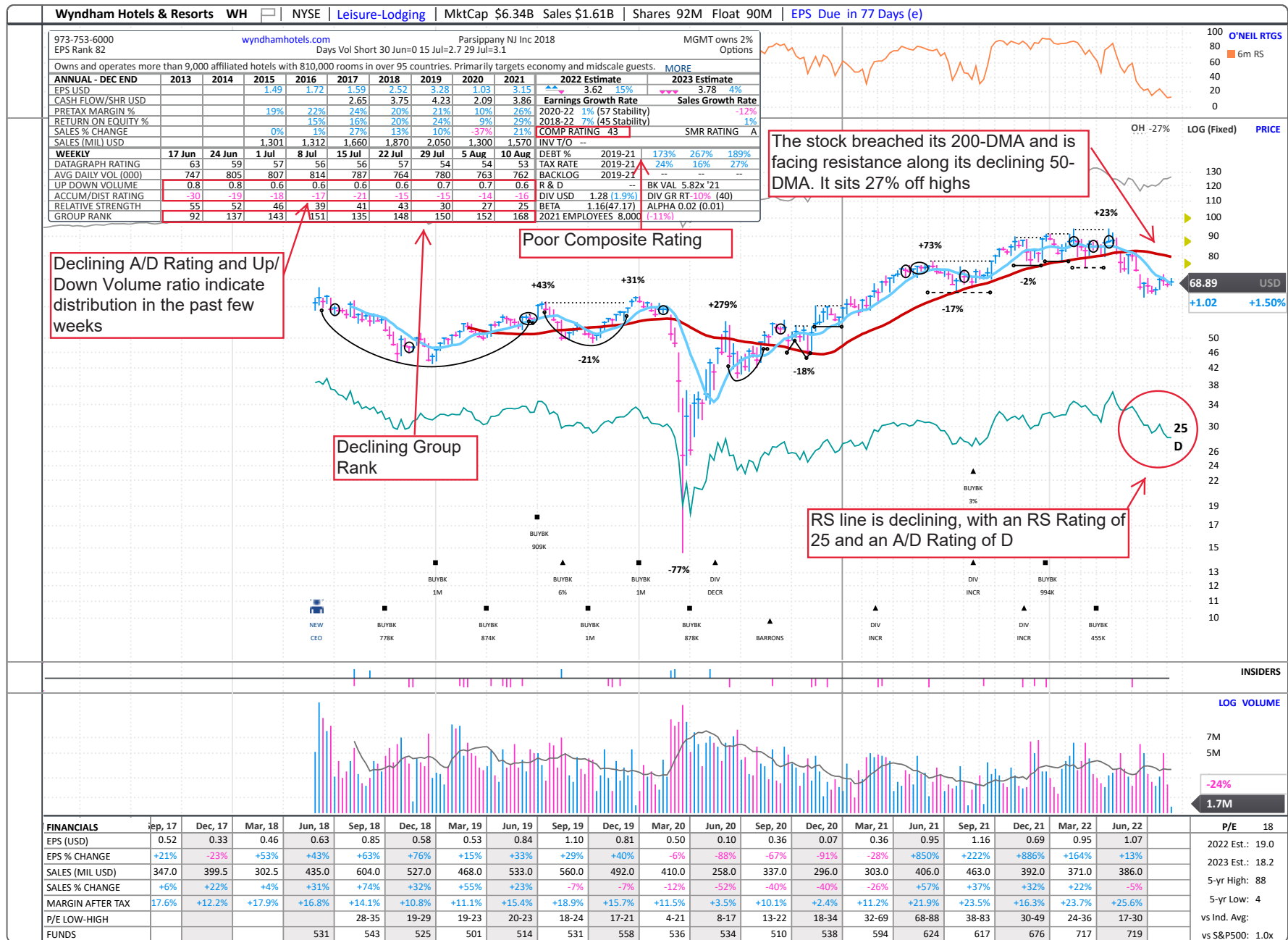
U.S. — Consumer Cyclical — Highlighted Laggard



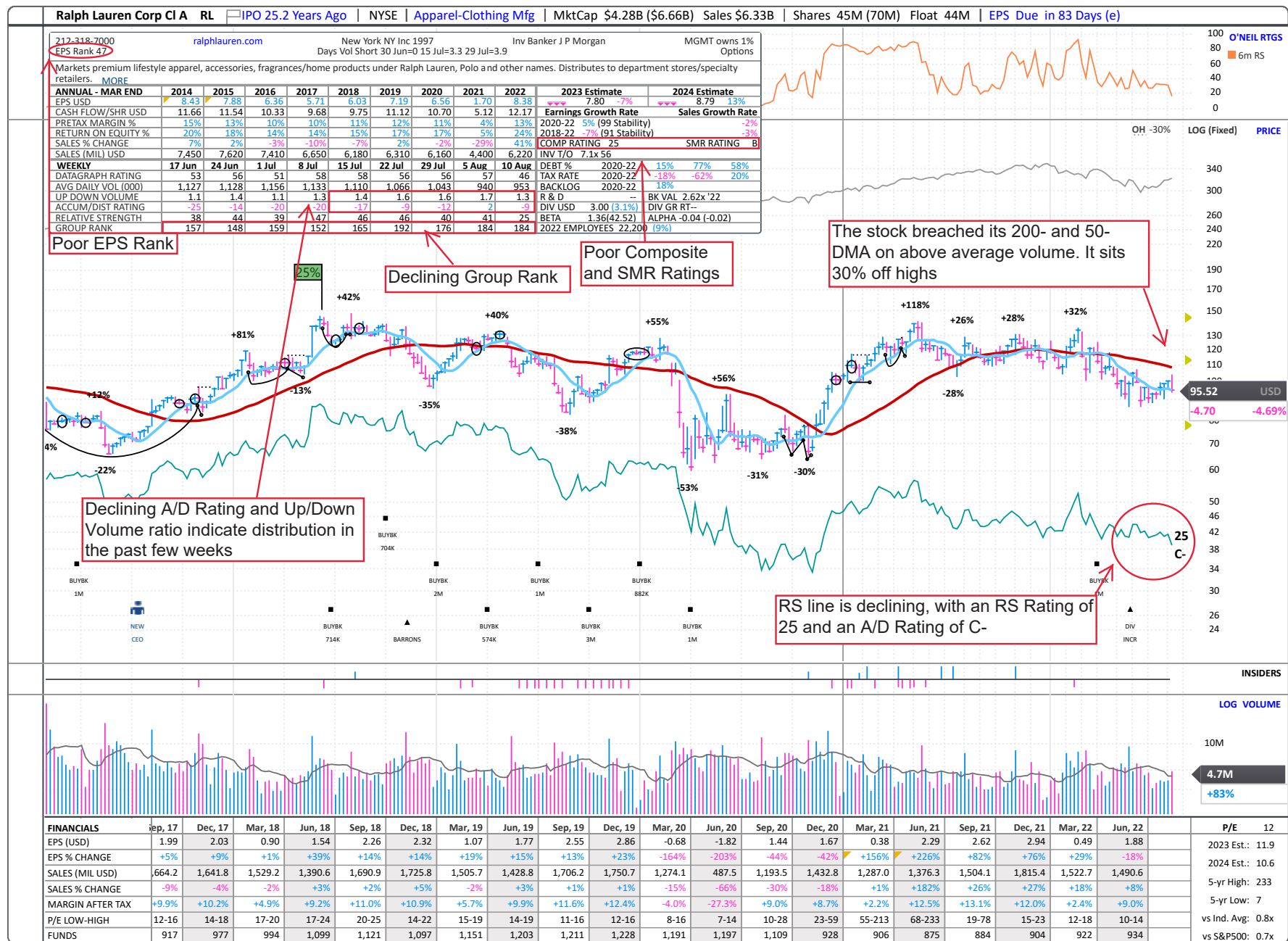
U.S. — Consumer Cyclical — Highlighted Laggard



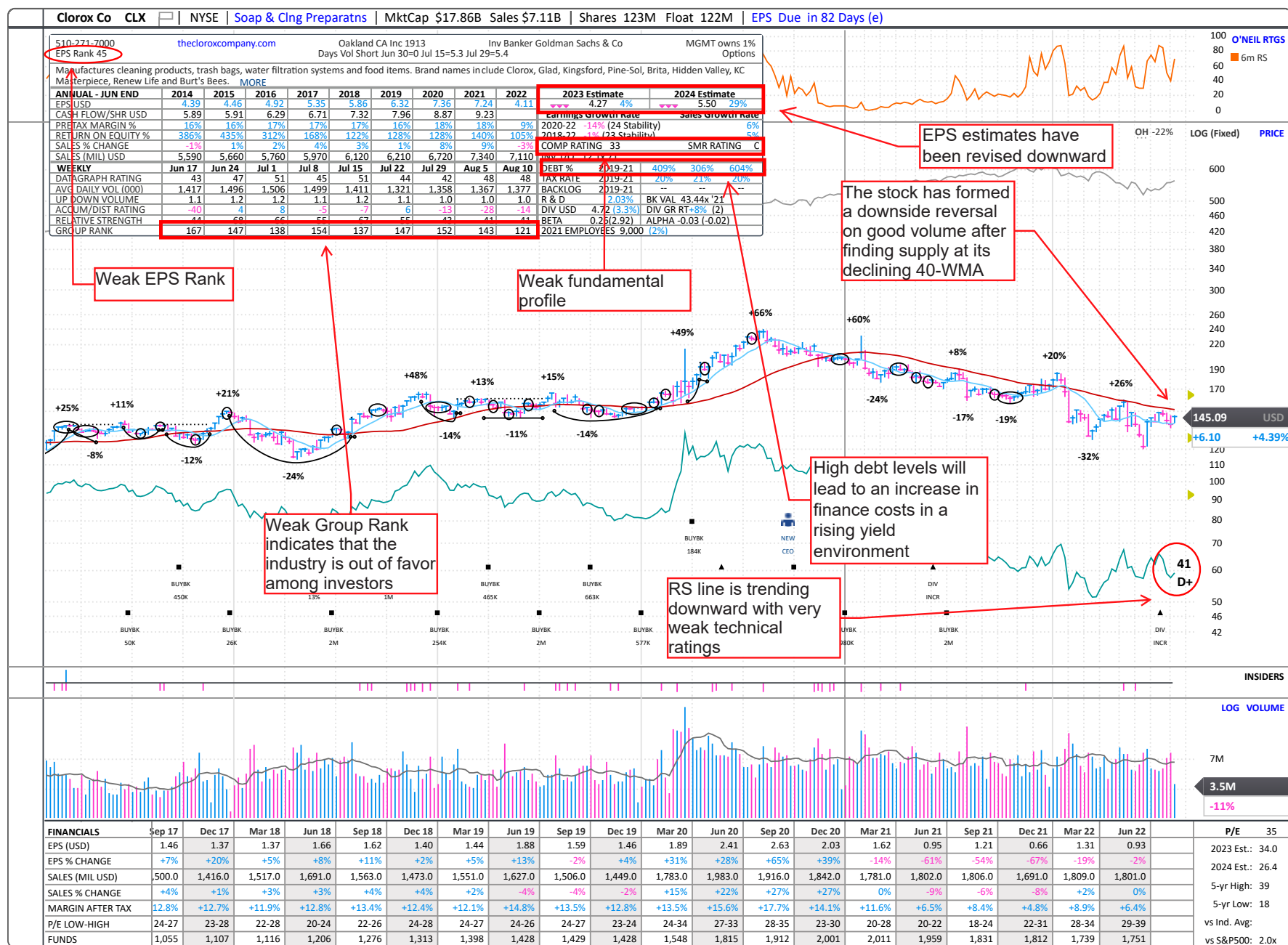
U.S. — Consumer Cyclical — Highlighted Laggard



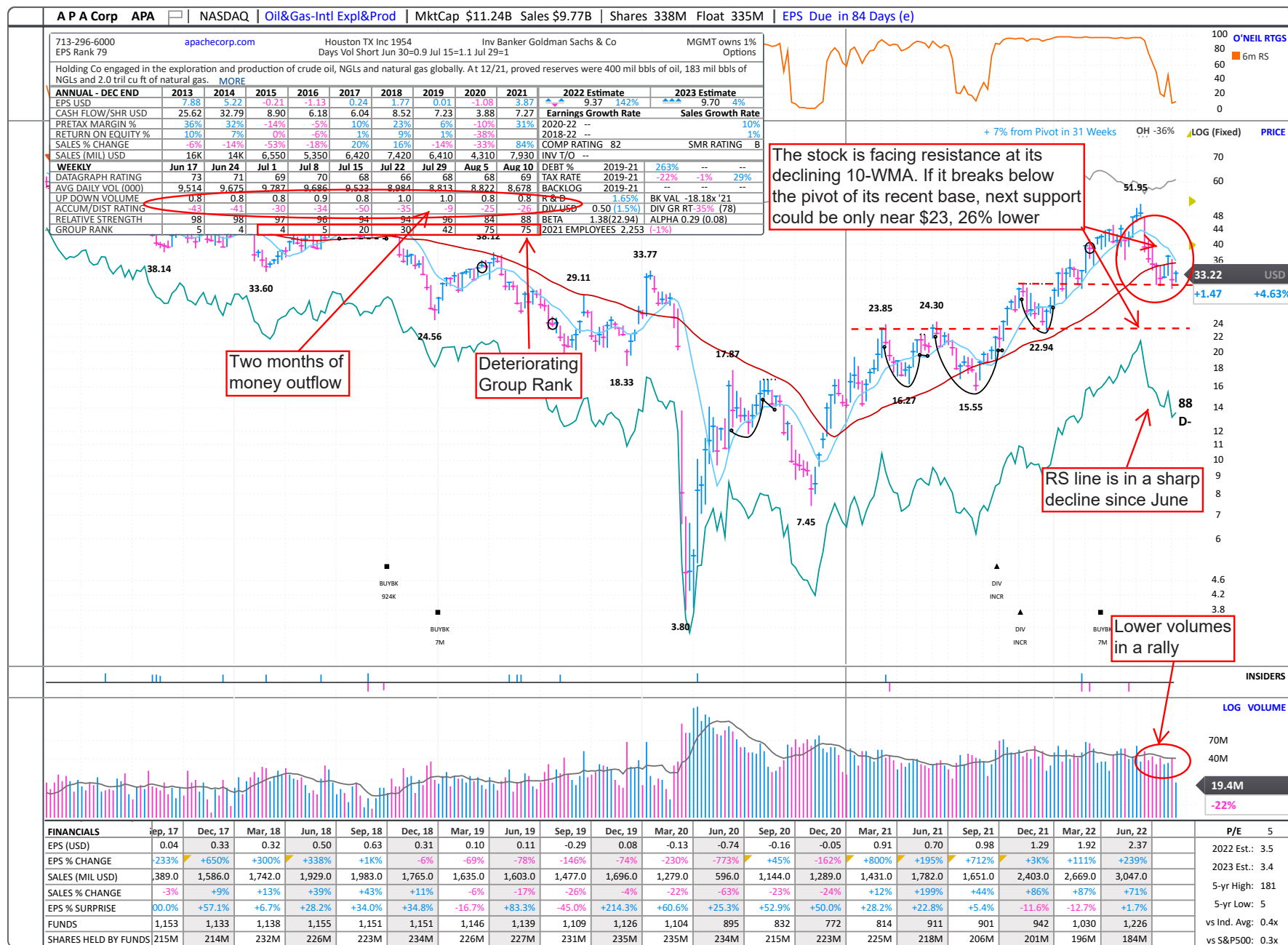
U.S. — Consumer Cyclical — Highlighted Laggard



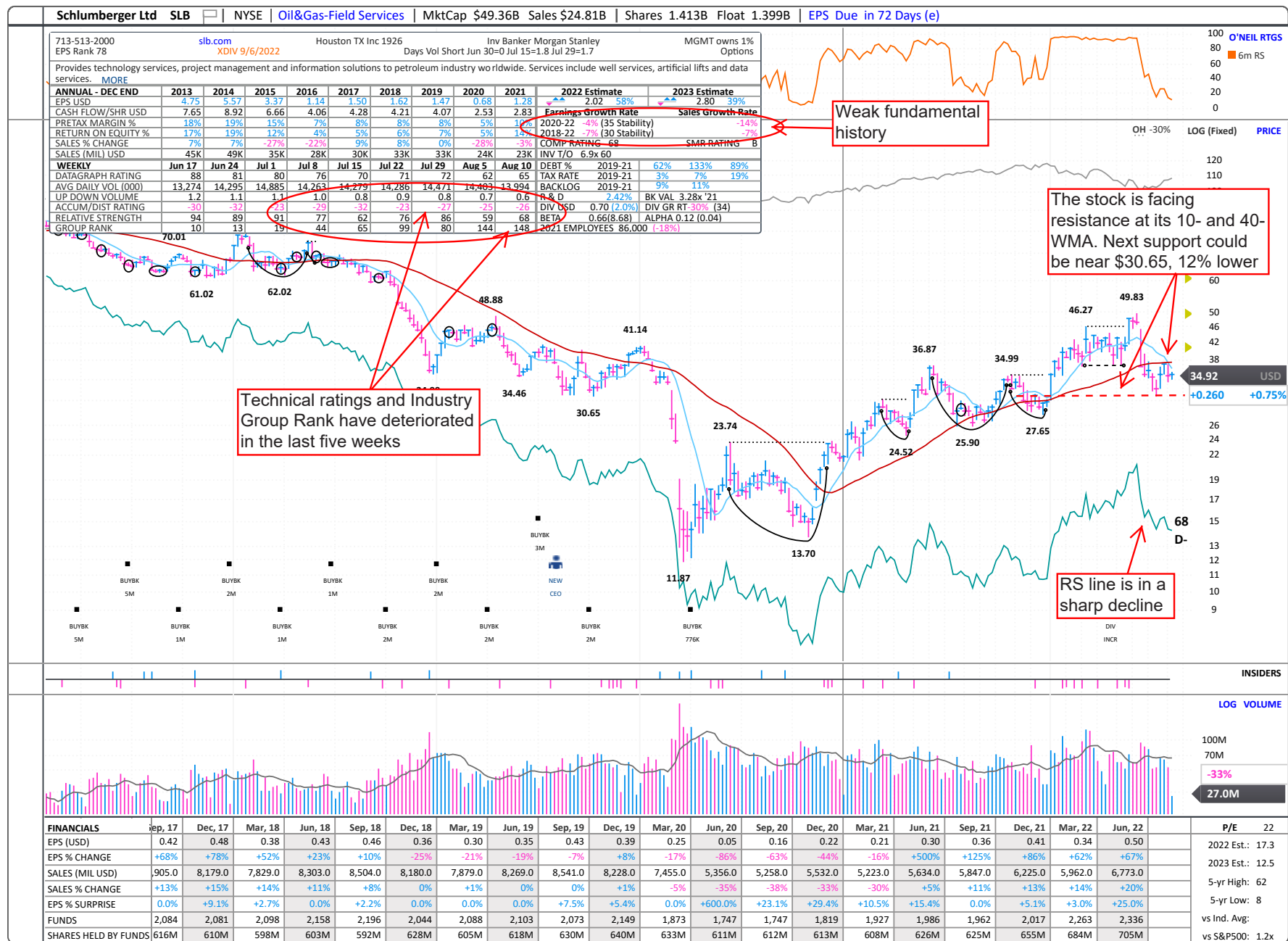
U.S. — Consumer Staple — Highlighted Laggard



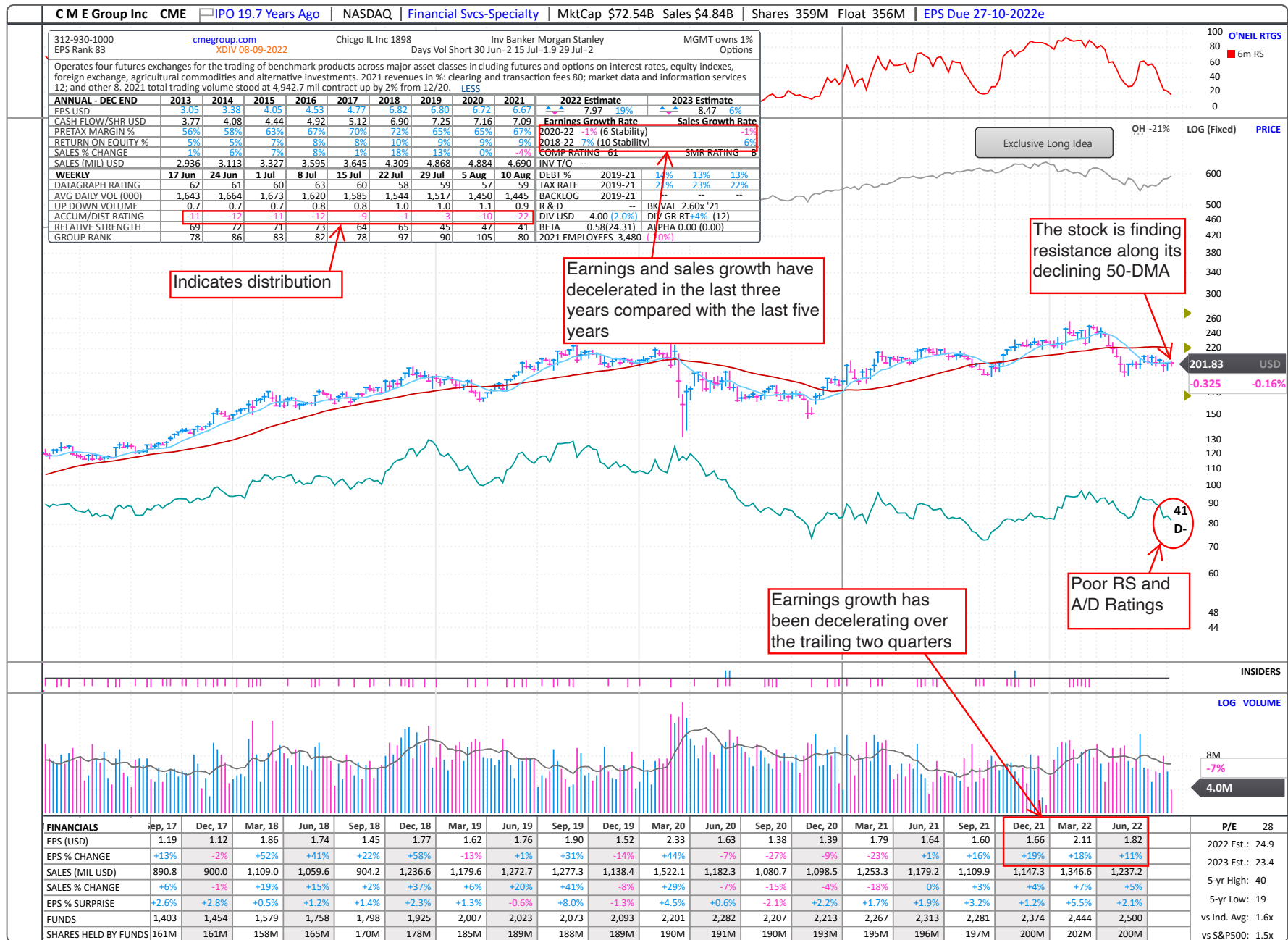
U.S.—Energy—Highlighted Laggard



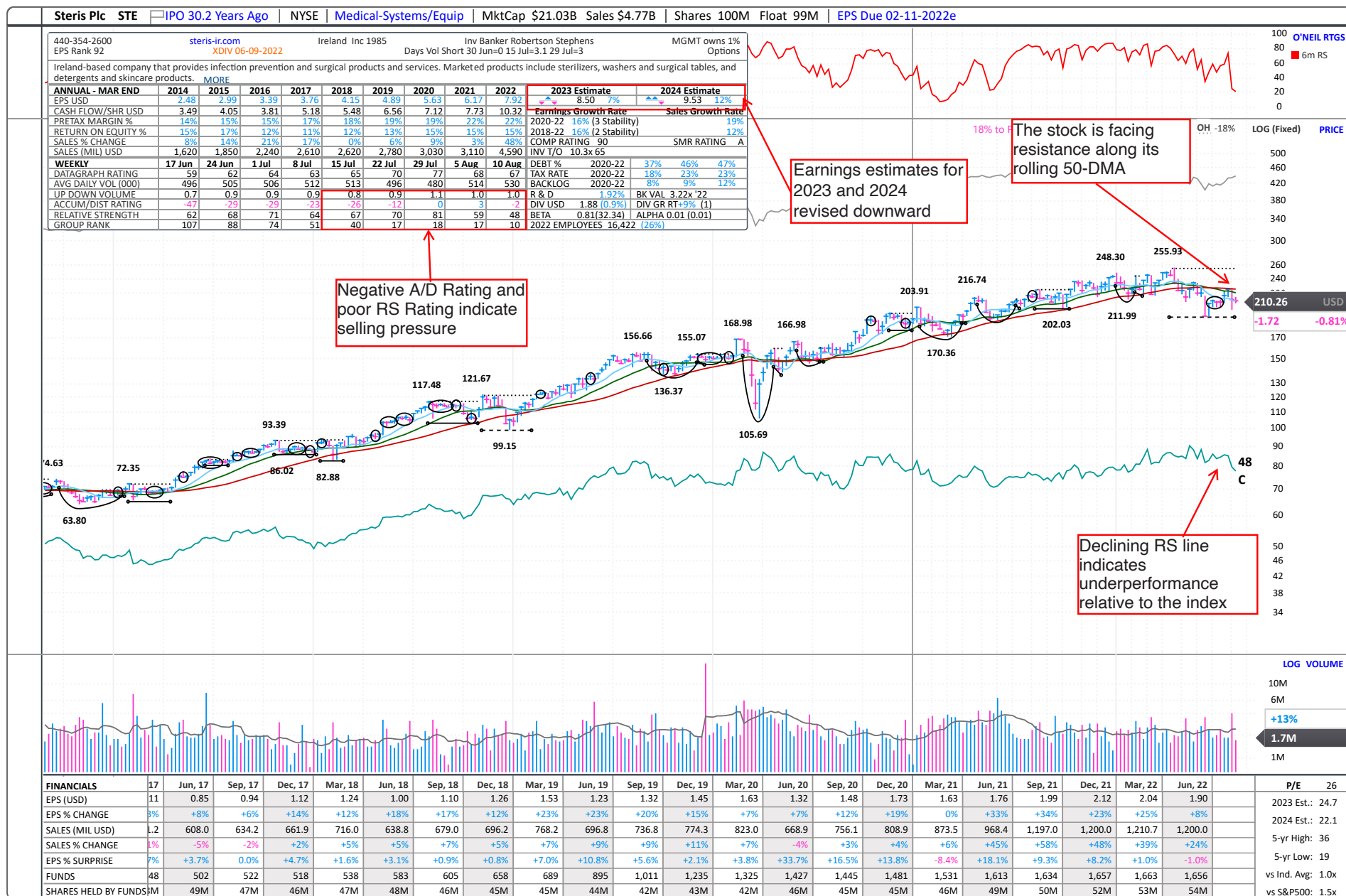
U.S.—Energy—Highlighted Laggard



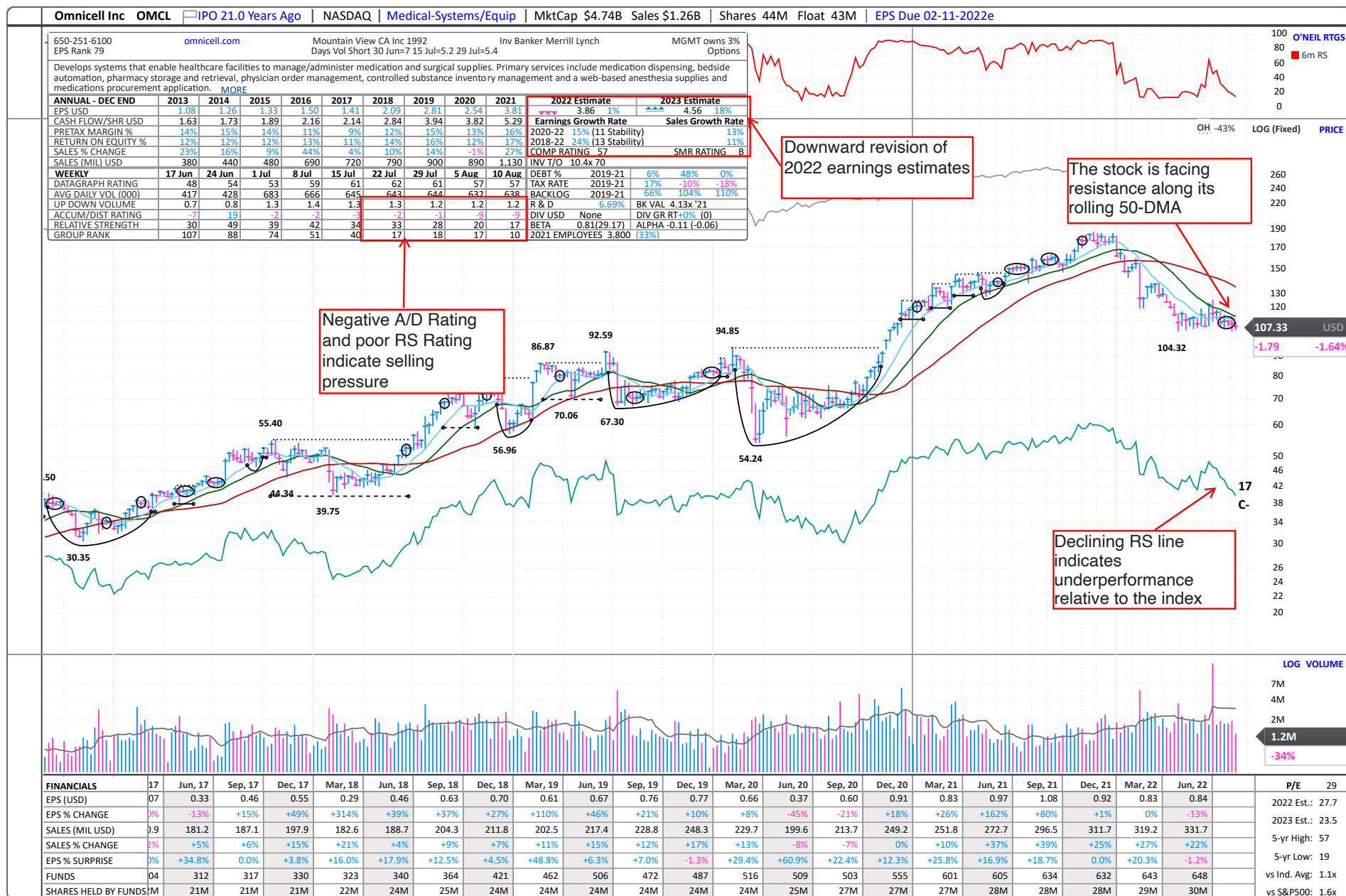
U.S.—Financial—Highlighted Laggard



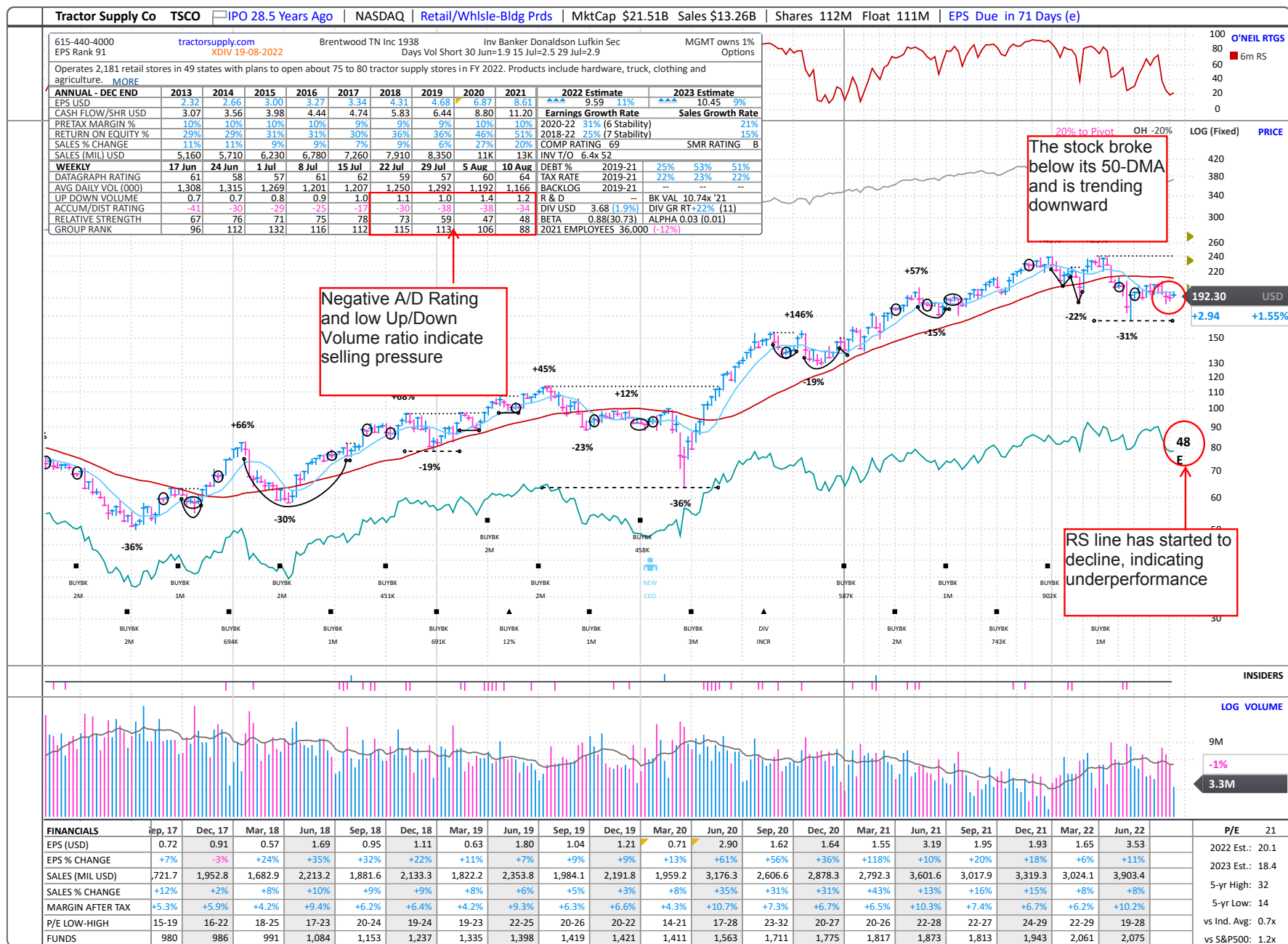
U.S. — Health Care — Highlighted Laggard



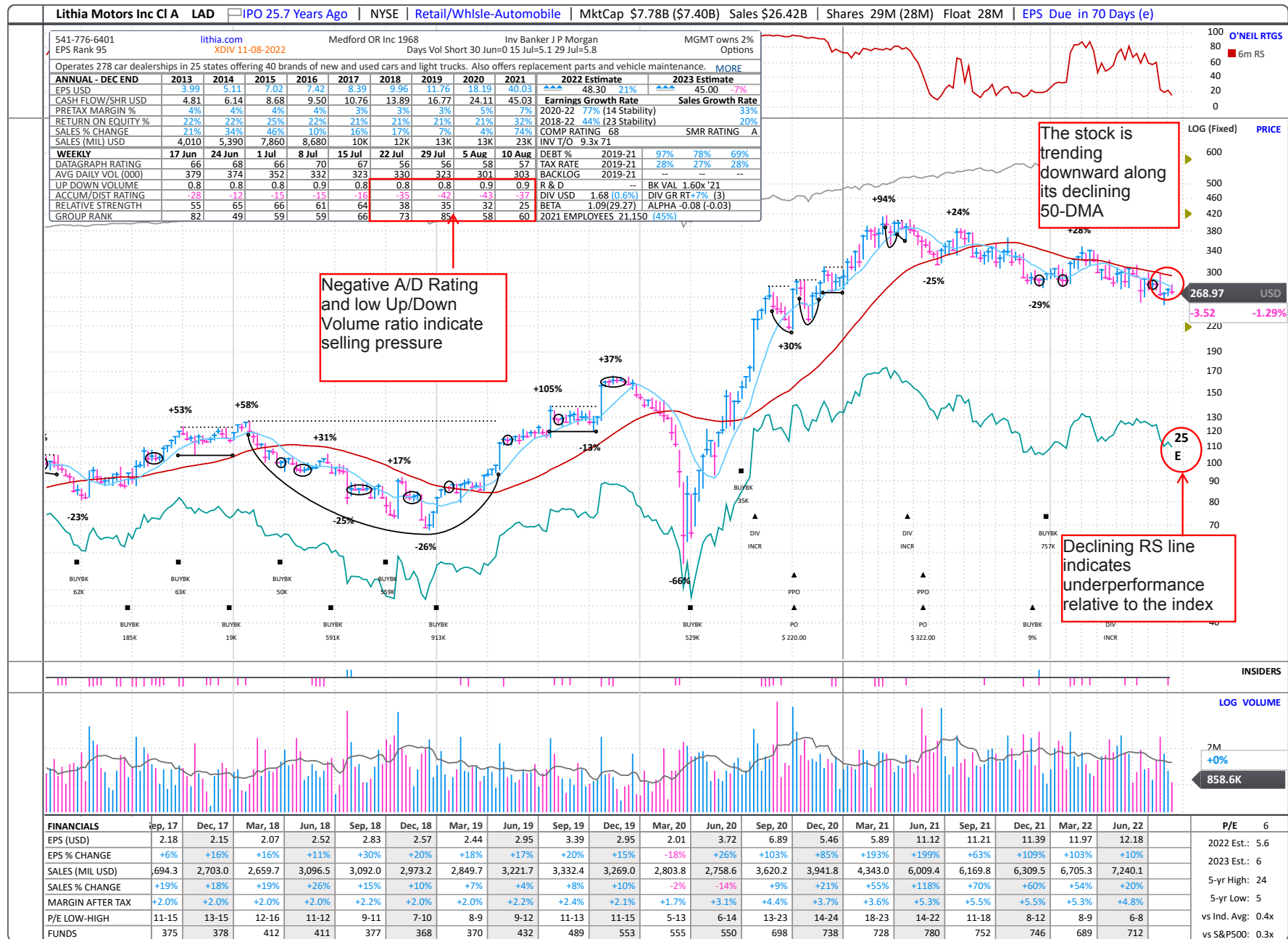
U.S. — Health Care — Highlighted Laggard



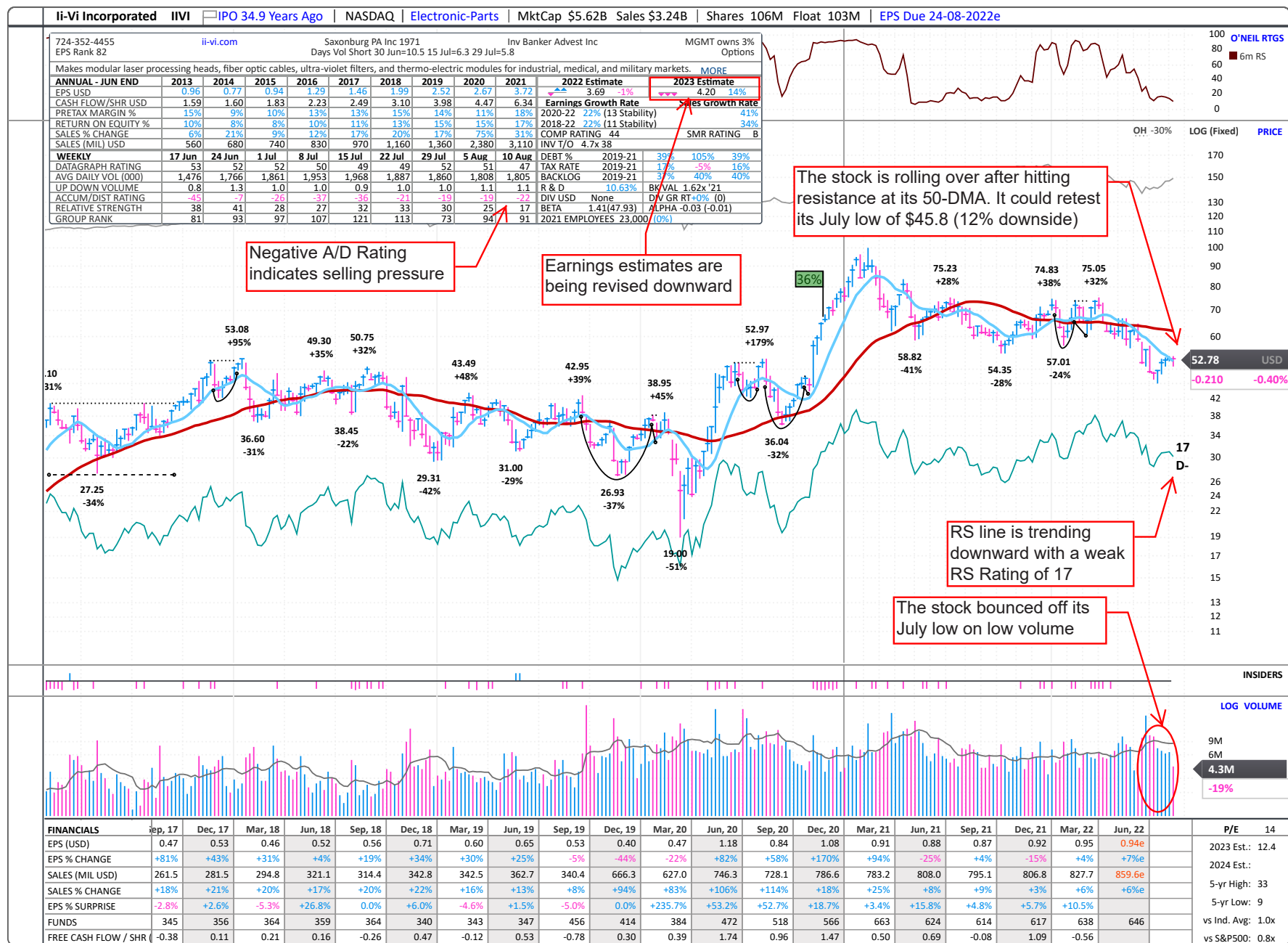
U.S. — Retail — Highlighted Laggard



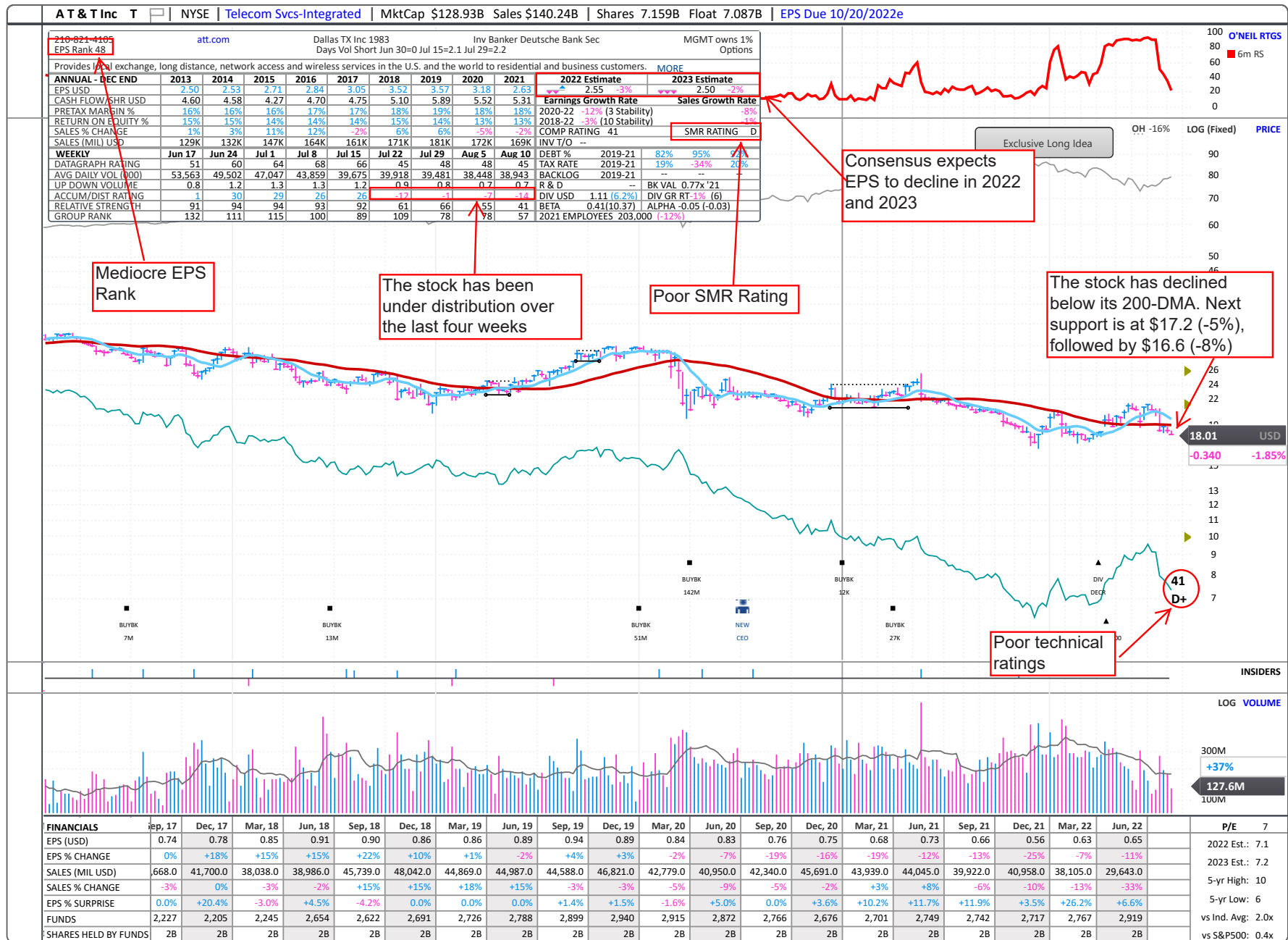
U.S. — Retail — Highlighted Laggard



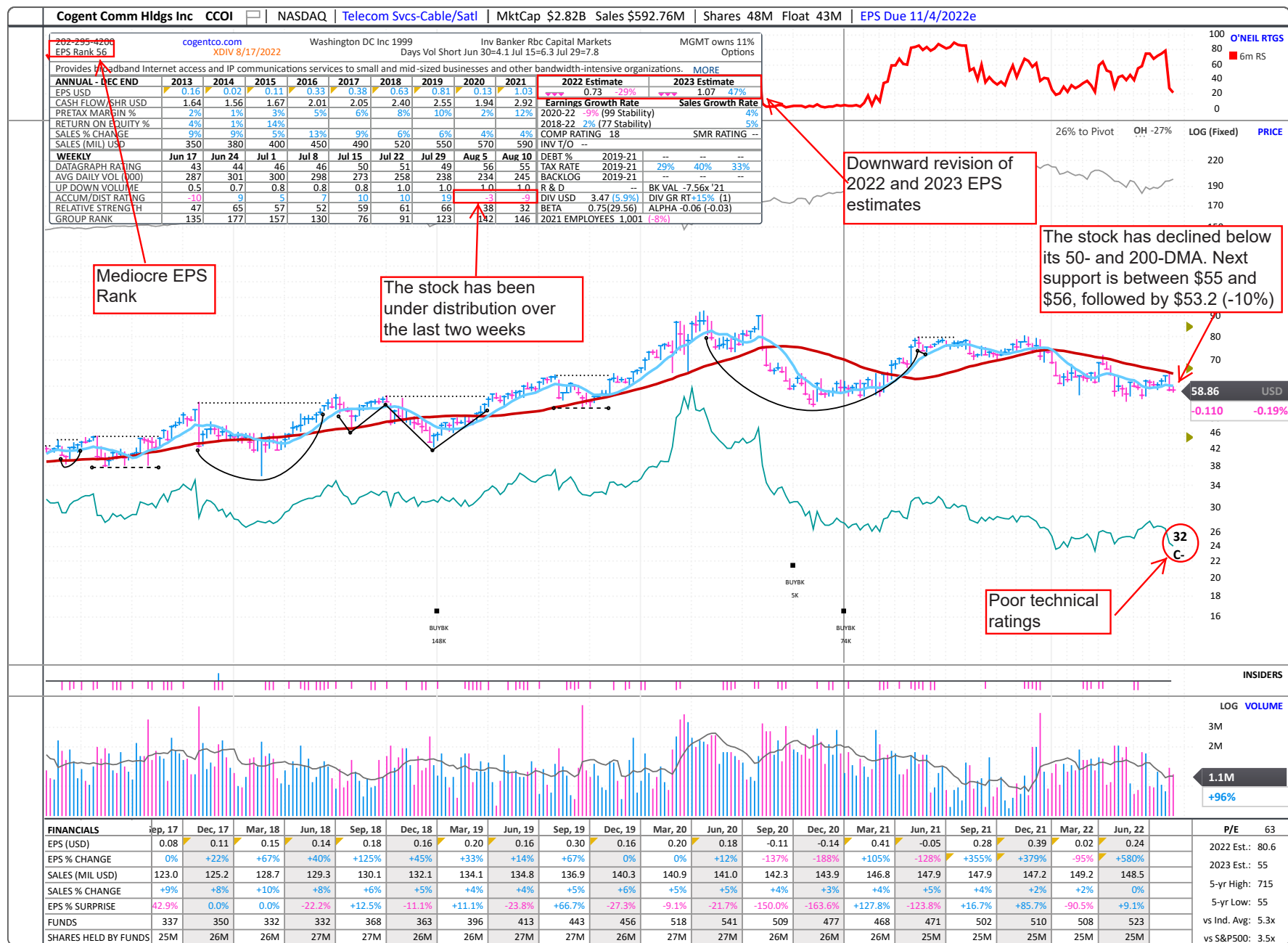
U.S. — Technology — Highlighted Laggard



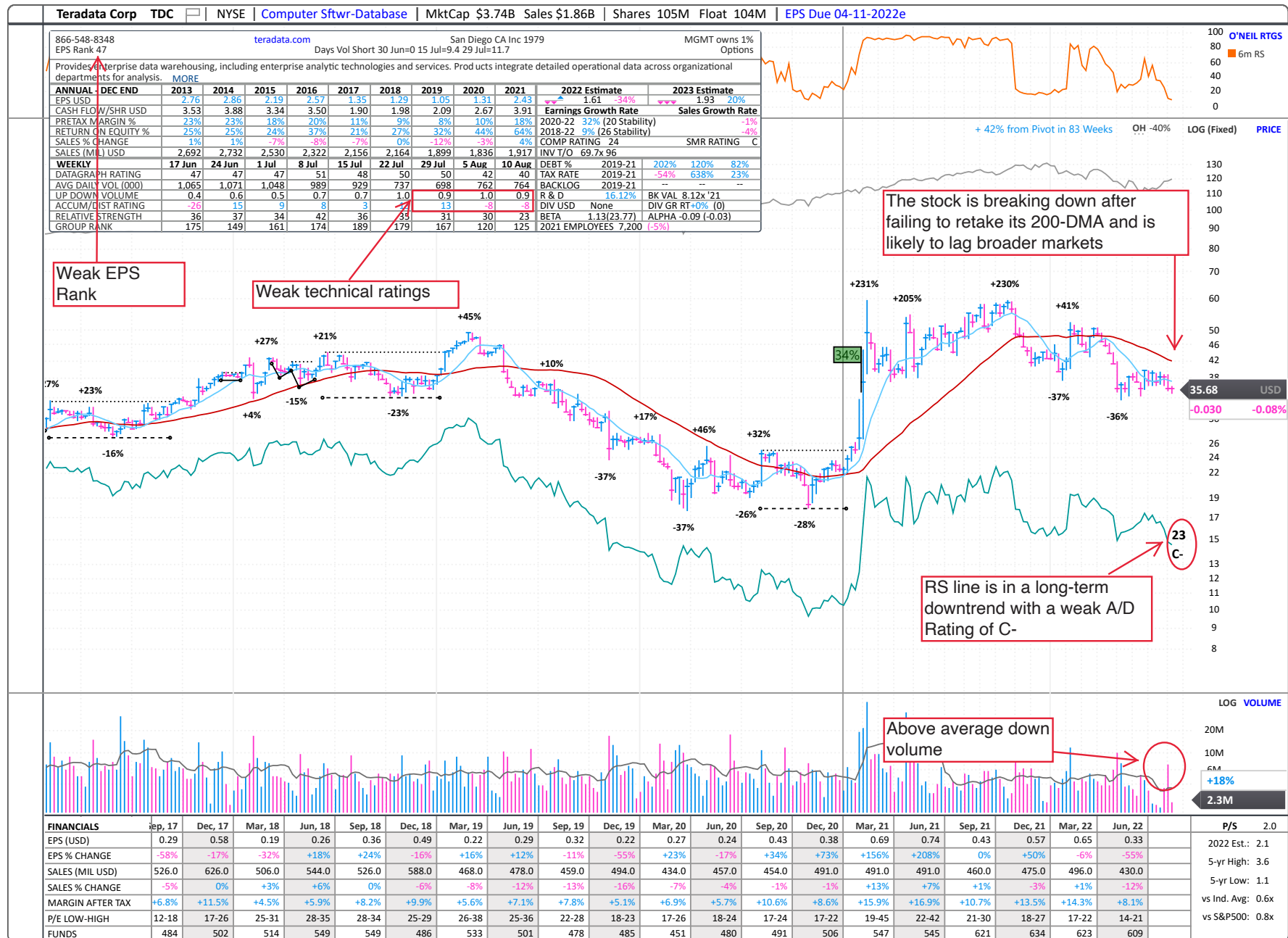
U.S. — Technology — Highlighted Laggard



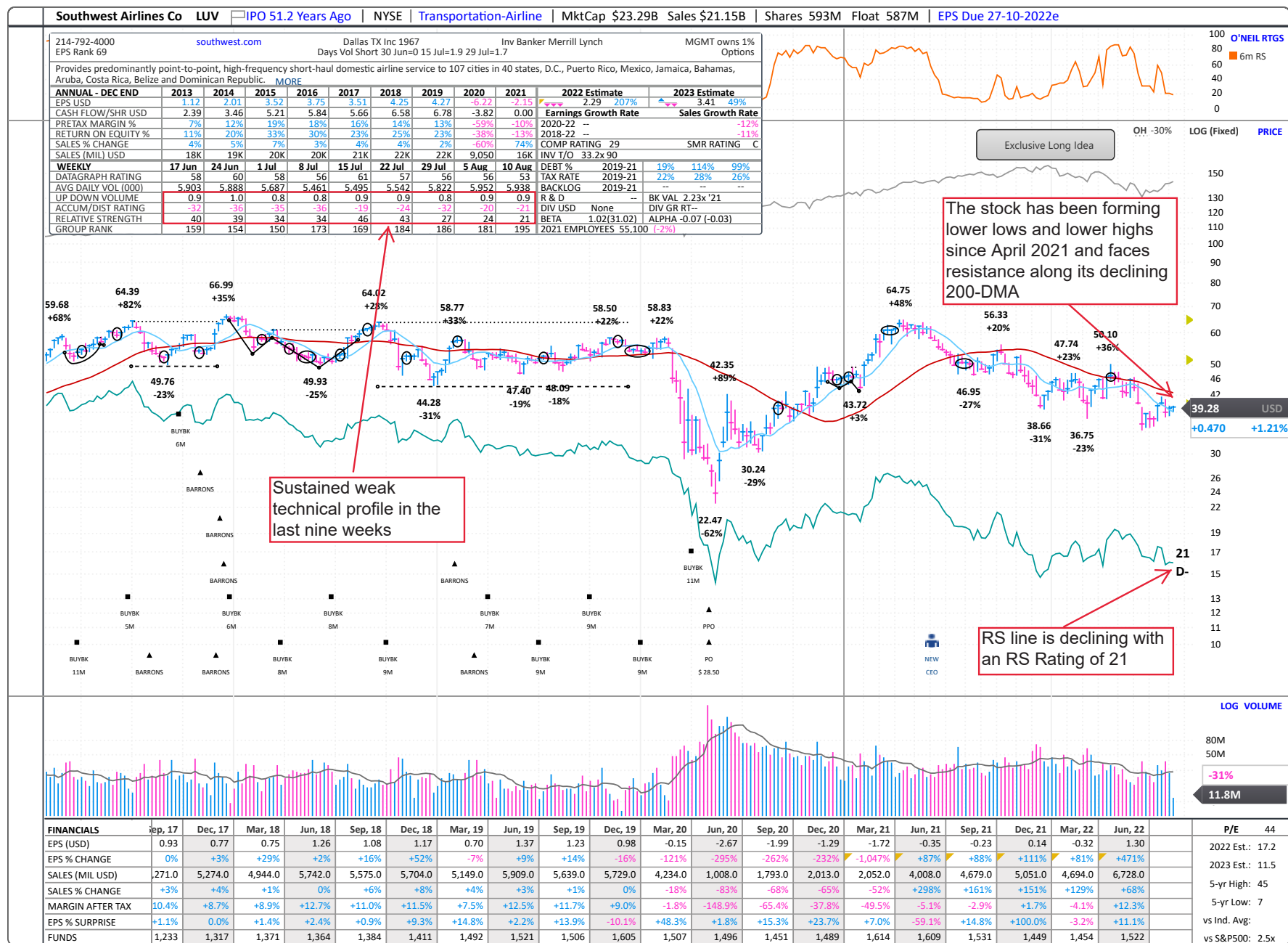
U.S. — Technology — Highlighted Laggard



U.S. — Technology — Highlighted Laggard



U.S. — Transportation — Highlighted Laggard



Developed Markets

Symbol	Name	Trading Country	Sector Name	Industry Group Name	Market Value, USD (Mil)	Avg Daily Dollar Vol (000), USD	Negative Alert Score, 10 Wks	EPS Rank	RS Rating	A/D Rating
S32.AU	South32	Australia	Basic Material	Mining-Metal Ores	13,237	54,528	7	92	80	B-
STO.AU	Santos	Australia	Energy	Oil&Gas-Integrated	16,913	65,598	5	86	68	E
BOQ.AU	Bank Of Qlnd.	Australia	Financial	Banks-Money Center	3,492	11,773	4	93	59	E
WBC.AU	Westpac Banking	Australia	Financial	Banks-Money Center	55,717	123,256	4	50	61	D
MQG.AU	Macquarie Group	Australia	Financial	Finance-Investment Mgmt	49,126	117,400	7	96	73	D
DXS.AU	Dexus Stapled Units	Australia	Financial	Finance-Property REIT	7,035	19,700	3	93	47	C
GMG.AU	Goodman Group	Australia	Financial	Finance-Property REIT	27,469	52,340	3	99	64	C
LLC.AU	Lendlease Group Stapled Units	Australia	Financial	Real Estate Dvlpmnt/Ops	5,028	11,164	5	28	57	D+
WES.AU	Wesfarmers	Australia	Retail	Retail-Department Stores	38,568	67,151	4	68	49	D+
BAP.AU	Bapcor	Australia	Retail	Retail/Whlsle-Auto Parts	1,634	5,090	4	75	66	D-
MTS.AU	Metcash	Australia	Retail	Wholesale-Food	2,823	12,115	5	54	61	C
QAN.AU	Qantas Airways	Australia	Transportation	Transportation-Airline	6,262	24,882	5	67	54	D-
GBLN.BE	Gbl New	Belgium	Basic Material	Chemicals-Specialty	12,886	13,201	4	7	28	E
ABI.BE	Anheuser-Busch Inbev	Belgium	Consumer Staple	Beverages-Alcoholic	94,749	82,026	4	16	68	C-
UCB.BE	Ucb	Belgium	Health Care	Medical-Diversified	14,771	23,851	5	28	11	E
FTT.CA	Finning Intl.	Canada	Capital Equipment	Machinery-Constr/Mining	3,455	12,846	5	96	35	C
RY.CA	Royal Bank Of Canada	Canada	Financial	Banks-Money Center	138,453	377,237	6	94	65	E
NA.CA	Nat.Bk.Of Canada	Canada	Financial	Banks-Money Center	23,909	117,749	5	98	65	C
TD.CA	Toronto-Dominion Bank	Canada	Financial	Banks-Money Center	119,541	383,653	7	95	48	E
BMO.CA	Bank Of Montreal	Canada	Financial	Banks-Money Center	67,337	214,746	6	98	65	D+
IGM.CA	Igm Finl.	Canada	Financial	Finance-Investment Mgmt	7,004	13,584	5	85	48	D+
X.CA	Tmx Group	Canada	Financial	Financial Svcs-Specialty	5,548	13,786	3	98	73	D-
POW.CA	Power Corp.Canada	Canada	Financial	Insurance-Life	16,650	79,009	4	79	45	D
NWC.CA	North West Company	Canada	Retail	Retail-Super/Mini Mkts	1,255	2,480	3	77	69	D-
EMP/A.CA	Empire 'A'	Canada	Retail	Wholesale-Food	4,906	11,772	3	98	69	C-
BCE.CA	Bce	Canada	Technology	Telecom Svcs-Integrated	45,582	152,758	4	83	73	D+
T.CA	Telus	Canada	Technology	Telecom Svcs-Wireless	31,549	64,499	6	95	77	C
AQN.CA	Algonquin Pwr.& Utils.	Canada	Utility	Utility-Diversified	9,686	29,007	3	97	84	D-
EMA.CA	Emera	Canada	Utility	Utility-Electric Power	12,627	51,394	4	97	83	C-
CHR.DK	Christian Hansen Holding	Denmark	Consumer Staple	Food-Misc Preparation	8,438	15,500	4	48	40	D+
DAB.DK	Danske Bank	Denmark	Financial	Banks-Money Center	12,198	22,507	4	23	45	E
EGR.FI	Stora Enso R	Finland	Basic Material	Paper & Paper Products	9,895	27,623	7	88	51	D
AIR.FR	L Air Lqe.Sc.Anyeme. Pour L Etude Et L Epxtn.	France	Basic Material	Chemicals-Specialty	73,038	113,112	8	56	60	D
LRRS.FR	Legrand	France	Capital Equipment	Electrical-Power/Equipmt	22,131	38,090	5	81	37	D+

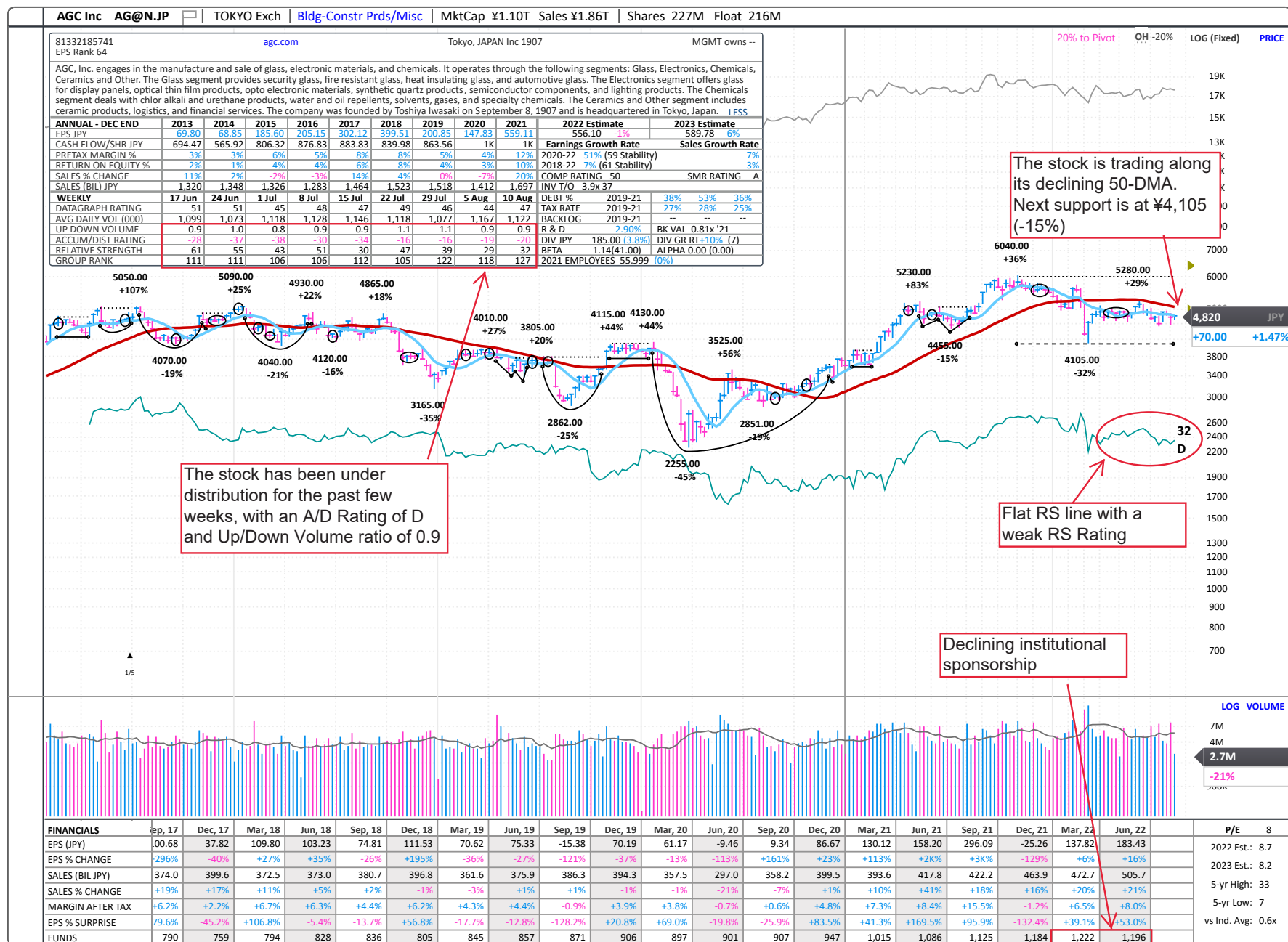
Symbol	Name	Trading Country	Sector Name	Industry Group Name	Market Value, USD (Mil)	Avg Daily Dollar Vol (000), USD	Negative Alert Score, 10 Wks	EPS Rank	RS Rating	A/D Rating
AC.FR	Accor	France	Consumer Cyclical	Leisure-Lodging	7,243	16,557	3	20	27	C
BSN.FR	Danone	France	Consumer Staple	Food-Misc Preparation	37,283	74,894	3	40	43	C
SQ@F.FR	Sanofi	France	Health Care	Medical-Ethical Drugs	114,439	179,489	3	54	47	E
EUF.FR	Eurofins Scien.	France	Health Care	Medical-Research Eqp/Svc	15,061	26,738	4	60	22	D
CRFR.FR	Carrefour	France	Retail	Retail-Super/Mini Mkts	12,921	35,957	5	59	43	D-
VIE.FR	Veolia Environ	France	Utility	Utility-Water Supply	17,734	46,642	4	31	29	C-
WCHX.DE	Wacker Chemie (Xet)	Germany	Basic Material	Chemicals-Plastics	8,180	20,231	7	80	65	C
BNRX.DE	Brenntag (Xet)	Germany	Basic Material	Chemicals-Specialty	11,065	29,098	6	85	40	C
EVKX.DE	Evonik Industries (Xet)	Germany	Basic Material	Chemicals-Specialty	10,179	18,728	6	80	19	D
BTG4.DE	Bertelsmann Gsh.15.00%	Germany	Consumer Cyclical	Media-Diversified	85,817	11,990	5	30	28	D-
FMEX.DE	Fresenius Med.Care (Xet)	Germany	Health Care	Medical-Hospitals	11,075	33,723	5	34	7	E
SAPX.DE	Sap (Xet)	Germany	Technology	Computer Sftwr-Enterprse	118,144	193,205	6	40	31	C
CFML.HK	COFCO Joycome Foods	Hong Kong	Consumer Staple	Food-Meat Products	1,482	13,769	2	11	82	C-
PECH.HK	Petrochina 'H'	Hong Kong	Energy	Oil&Gas-Integrated	9,357	40,474	4	38	68	D-
PSBC.HK	Postal Savings Boc.'H'	Hong Kong	Financial	Banks-Money Center	12,501	33,860	5	63	44	D-
HSBA.HK	Hang Seng Bank	Hong Kong	Financial	Banks-Money Center	31,285	25,953	4	38	46	E
AGP.HK	Aia Group	Hong Kong	Financial	Insurance-Life	116,965	220,584	4	90	66	D+
COLI.HK	China Os.Ld.& Inv.	Hong Kong	Financial	Real Estate Dvlpmt/Ops	27,841	65,003	3	86	75	D
HELD.HK	Henderson Ld.Dev.	Hong Kong	Financial	Real Estate Dvlpmt/Ops	17,368	17,614	7	83	44	D
NWDV.HK	New World Dev	Hong Kong	Financial	Real Estate Dvlpmt/Ops	8,692	13,772	5	63	44	D
CHBE.HK	China Resources Land	Hong Kong	Financial	Real Estate Dvlpmt/Ops	27,672	42,057	5	94	66	D+
KINS.HK	Kingsoft	Hong Kong	Technology	Computer Sftwr-Gaming	4,459	16,979	4	24	44	C+
PBSH.HK	Pacific Basin Ship.	Hong Kong	Transportation	Transportation-Ship	2,052	15,318	5	84	86	C
CLIG.HK	Clp Holdings	Hong Kong	Utility	Utility-Electric Power	21,508	35,959	9	17	46	D+
EXOR.IT	Exor Ord	Italy	Consumer Cyclical	Auto Manufacturers	16,222	11,859	4	67	45	D
ENI.IT	Eni	Italy	Energy	Oil&Gas-Integrated	42,019	156,872	7	88	45	D-
SRG.IT	Snam	Italy	Energy	Oil&Gas-Transprt/Pipeline	17,258	28,975	4	81	63	C-
JS@N.JP	Mitsubishi Gas Chm.	Japan	Basic Material	Chemicals-Specialty	3,455	16,552	4	37	52	D+
UC@N.JP	Shin-Etsu Chemical	Japan	Basic Material	Chemicals-Specialty	53,441	182,152	5	98	26	C
TSHC.JP	Tosoh	Japan	Basic Material	Chemicals-Specialty	4,266	17,749	7	59	36	D-
AC@N.JP	Asahi Kasei	Japan	Basic Material	Chemicals-Specialty	10,683	24,796	7	44	23	E
IF@N.JP	Nitto Denko	Japan	Basic Material	Chemicals-Specialty	9,781	34,559	7	75	57	D-
PC@N.JP	Mitsui Chemicals	Japan	Basic Material	Chemicals-Specialty	4,472	18,224	4	28	23	D+
MG@N.JP	Mitsui Mng.& Smelt.	Japan	Basic Material	Mining-Metal Ores	1,341	10,359	5	83	47	D-
DM@N.JP	Dowa Hdg.	Japan	Basic Material	Mining-Metal Ores	2,232	10,333	7	47	43	D-
OJIH.JP	Oji Holdings	Japan	Basic Material	Paper & Paper Products	4,099	10,496	4	83	21	D-
KC@N.JP	Kajima	Japan	Capital Equipment	Bldg-Heavy Construction	5,736	16,108	3	32	68	C

Symbol	Name	Trading Country	Sector Name	Industry Group Name	Market Value, USD (Mil)	Avg Daily Dollar Vol (000), USD	Negative Alert Score, 10 Wks	EPS Rank	RS Rating	A/D Rating
DP@N.JP	Dai Nippon Printing	Japan	Capital Equipment	Comml Svcs-Document Mgmt	6,834	15,679	2	83	74	C+
LM@N.JP	Mitsubishi Materials	Japan	Capital Equipment	Diversified Operations	2,146	13,994	5	7	71	D+
UM@N.JP	Mitsubishi Electric	Japan	Capital Equipment	Diversified Operations	22,491	43,739	3	27	47	C-
LO@N.JP	Nippon Elec.Glass	Japan	Capital Equipment	Electrical-Power/Equipmt	1,920	12,655	6	74	40	D-
KM@N.JP	Komatsu	Japan	Capital Equipment	Machinery-Constr/Mining	20,892	72,127	5	78	47	D
HTCM.JP	Hitachi Con.Mch.	Japan	Capital Equipment	Machinery-Constr/Mining	4,691	17,987	5	83	29	D+
KU@N.JP	Kubota	Japan	Capital Equipment	Machinery-Constr/Mining	19,454	67,497	7	54	32	D
IA@N.JP	Minebea Mitsumi	Japan	Capital Equipment	Machinery-Gen Industrial	7,796	26,995	5	63	18	D+
EB@N.JP	Ebara	Japan	Capital Equipment	Machinery-Gen Industrial	3,616	18,016	6	98	18	C
TYMO.JP	Toyota Motor	Japan	Consumer Cyclical	Auto Manufacturers	256,335	389,169	6	46	57	D
IM@N.JP	Isuzu Motors	Japan	Consumer Cyclical	Auto Manufacturers	9,032	27,914	6	39	68	D-
NR@N.JP	Nissan Motor	Japan	Consumer Cyclical	Auto Manufacturers	16,814	70,118	4	21	29	C-
TYAL.JP	Toyota Inds.	Japan	Consumer Cyclical	Auto Manufacturers	18,904	29,215	4	41	13	D-
DE@N.JP	Denso	Japan	Consumer Cyclical	Auto/Truck-Original Eqp	44,516	99,309	6	12	40	C
AG@N.JP	AGC Inc	Japan	Consumer Cyclical	Bldg-Constr Prds/Misc	8,249	40,715	4	64	32	D
LIXI.JP	Lixil Group	Japan	Consumer Cyclical	Bldg-Constr Prds/Misc	6,043	17,938	3	64	40	C-
DH@N.JP	Daiwa House Industry	Japan	Consumer Cyclical	Bldg-Resident/Comml	15,295	32,568	3	66	32	D+
SE@N.JP	Sekisui House	Japan	Consumer Cyclical	Bldg-Resident/Comml	11,935	38,051	4	85	64	D-
SESA.JP	Sega Sammy Hdg.	Japan	Consumer Cyclical	Leisure-Movies & Related	3,563	14,122	2	39	64	D-
SO@N.JP	Sony	Japan	Consumer Cyclical	Media-Diversified	106,375	313,446	5	62	40	D+
FY@N.JP	Nh Foods	Japan	Consumer Staple	Food-Misc Preparation	3,126	12,913	3	59	47	D+
KOBS.JP	Kobayashi Pharmaceutical	Japan	Consumer Staple	Soap & Clng Preparatns	5,223	14,077	5	72	32	C-
CONF.JP	Concordia Financial Gp.	Japan	Financial	Banks-Money Center	3,987	12,912	6	46	40	D
ORIX.JP	Orix	Japan	Financial	Finance-Consumer Loans	21,086	68,770	6	83	47	E
NM@N.JP	Nomura Hdg.	Japan	Financial	Finance-Invest Bnk/Bkrs	12,144	38,213	5	32	52	C-
DS@N.JP	Daiwa Securities Group	Japan	Financial	Finance-Invest Bnk/Bkrs	7,052	24,255	6	34	36	E
NPPR.JP	Nippon Prologis Reit	Japan	Financial	Finance-Property REIT	6,982	13,417	4	53	47	C-
DALF.JP	Dai-Ichi Life Holdings	Japan	Financial	Insurance-Life	17,329	61,436	7	33	23	E
TADH.JP	T & D Holdings	Japan	Financial	Insurance-Life	6,347	26,563	7	16	26	E
CK@N.JP	Sumitomo Real.&Dev.	Japan	Financial	Real Estate Dvlpmt/Ops	12,442	28,060	3	92	43	D+
HULI.JP	Hulic	Japan	Financial	Real Estate Dvlpmt/Ops	6,044	14,769	3	76	36	C-
SQ@N.JP	Shionogi	Japan	Health Care	Medical-Diversified	16,089	90,629	3	79	43	D-
JU@N.JP	Nippon Shinyaku	Japan	Health Care	Medical-Diversified	4,176	11,762	3	65	29	C
TOHP.JP	Toho Holdings	Japan	Retail	Retail-Drug Stores	1,110	2,133	6	61	43	C-
SKEN.JP	Suzuken	Japan	Retail	Retail-Drug Stores	2,691	4,355	4	36	52	D
MEHD.JP	Medipal Holdings	Japan	Retail	Retail-Drug Stores	3,570	11,532	5	48	21	D
MCJP.JP	Mcdonald's	Japan	Retail	Retail-Restaurants	4,982	24,806	5	75	52	E

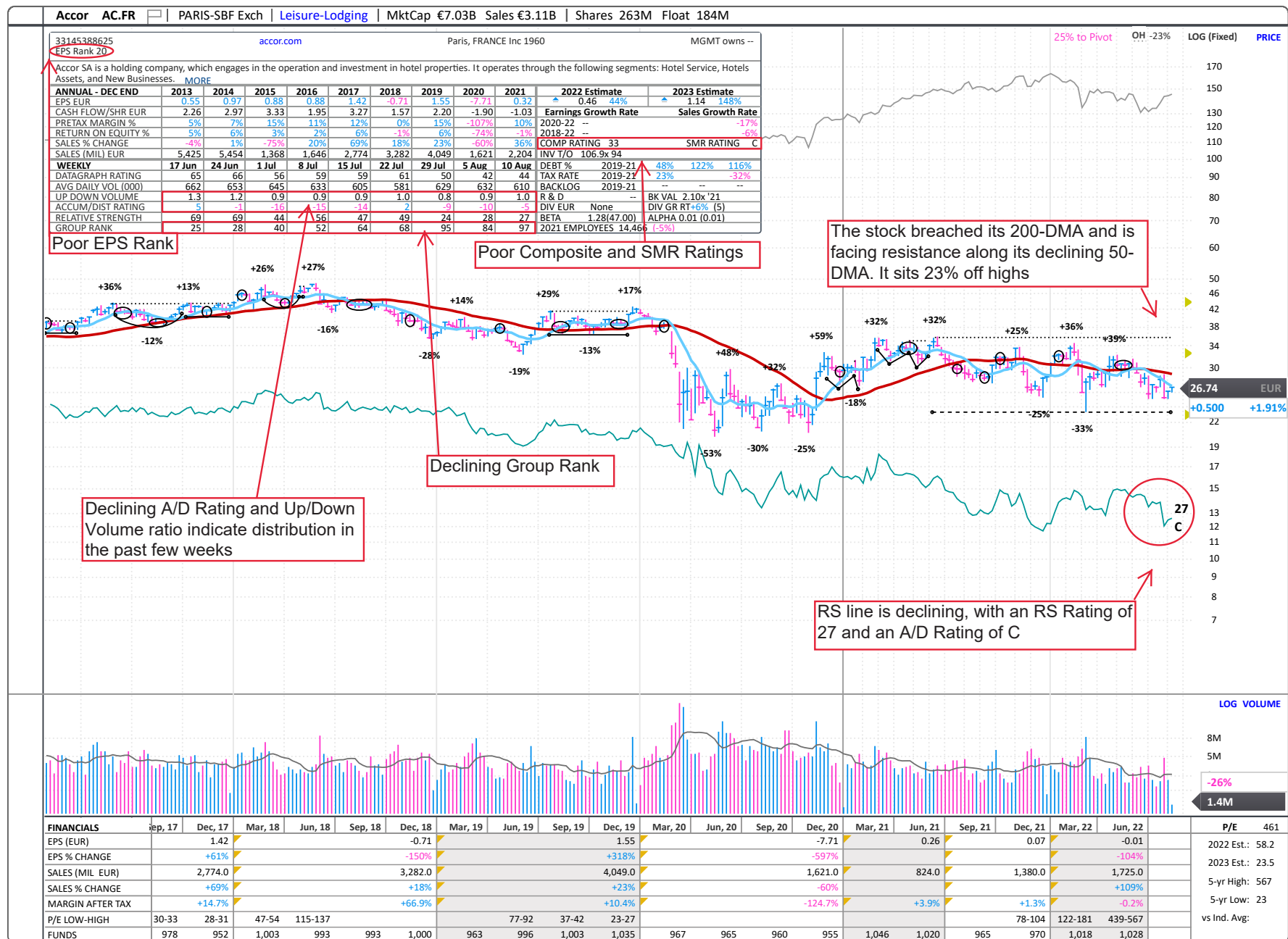
Symbol	Name	Trading Country	Sector Name	Industry Group Name	Market Value, USD (Mil)	Avg Daily Dollar Vol (000), USD	Negative Alert Score, 10 Wks	EPS Rank	RS Rating	A/D Rating
YAOK.JP	Yaoko	Japan	Retail	Retail-Super/Mini Mkts	1,939	2,858	5	59	32	D-
DAKI.JP	Dcm Holdings	Japan	Retail	Retail/Whlsle-Bldg Prds	1,220	2,781	3	85	32	C
KOME.JP	Komeri	Japan	Retail	Retail/Whlsle-Bldg Prds	1,066	1,751	3	64	40	C-
NJ@N.JP	Nec	Japan	Technology	Computer-Tech Services	10,153	40,563	4	64	26	C+
NETO.JP	Net One Systems	Japan	Technology	Computer-Tech Services	1,806	12,154	4	78	21	C-
FT@N.JP	Fujitsu	Japan	Technology	Computer-Tech Services	26,713	82,666	4	46	23	D+
TYTS.JP	Toyota Tsusho	Japan	Technology	Elec-Misc Products	12,122	22,371	6	61	32	C
EP@N.JP	Screen Holdings	Japan	Technology	Elec-Semiconductor Equip	3,620	49,375	7	85	16	D+
RENE.JP	Renesas Electronics	Japan	Technology	Elec-Semiconductor Mfg	18,692	103,575	5	76	36	D
SM@N.JP	Murata Manufacturing	Japan	Technology	Electronic-Parts	38,893	124,689	6	82	23	D
HM@N.JP	Hitachi Metals	Japan	Technology	Electronic-Parts	6,477	19,023	3	66	40	C-
UY@N.JP	Kyushu Elec.Power	Japan	Utility	Utility-Electric Power	2,983	13,083	3	5	47	D-
CU@N.JP	Chugoku Elec.Power	Japan	Utility	Utility-Electric Power	2,459	11,701	4	7	26	D+
UL@N.JP	Tohoku Electric Pwr.	Japan	Utility	Utility-Electric Power	2,452	14,928	4	2	10	D+
DSM.NL	Dsm Koninklijke	Netherlands	Basic Material	Chemicals-Specialty	26,083	65,349	4	22	25	C-
MT.NL	Arcelormittal	Netherlands	Basic Material	Steel-Producers	22,479	107,267	6	41	21	D
GLPG.NL	Galapagos	Netherlands	Health Care	Medical-Biomed/Biotech	3,569	10,936	3	23	61	B-
PHIL.NL	Philips Eltn.Koninklijke	Netherlands	Health Care	Medical-Systems/Equip	17,797	68,596	4	24	9	E
UNMG.NL	Universal Music Group	Netherlands	Technology	Internet-Content	39,797	34,933	3	71	53	C
MHG.NO	Mowi	Norway	Consumer Staple	Food-Meat Products	11,855	19,001	4	50	38	C
BCP.PT	Banco Comr.Portugues 'R'	Portugal	Financial	Banks-Money Center	2,363	13,586	5	67	43	C-
JMTS.SG	Jardine Matheson Hdq.	Singapore	Capital Equipment	Diversified Operations	15,844	17,490	4	75	55	D+
UOBS.SG	United Overseas Bank	Singapore	Financial	Banks-Money Center	33,733	53,951	6	53	46	D+
CAPL.SG	CapitaLand Integrated Commercial Trust	Singapore	Financial	Finance-Property REIT	10,211	33,153	6	49	55	D
ACX.ES	Acerinox 'R'	Spain	Basic Material	Steel-Producers	2,688	12,636	5	82	28	D-
AENA.ES	Aena Sme	Spain	Consumer Cyclical	Leisure-Services	19,820	18,373	6	54	36	D-
BSAB.ES	Banco De Sabadell	Spain	Financial	Banks-Money Center	3,861	23,149	5	58	39	D+
BKT.ES	Bankinter 'R'	Spain	Financial	Banks-Money Center	4,704	16,333	4	45	47	D-
SAN.ES	Banco Santander	Spain	Financial	Banks-Money Center	45,220	97,970	4	52	24	E
TEF.ES	Telefonica	Spain	Technology	Telecom Svcs- Foreign	25,254	56,188	4	20	60	E
SW@G.SE	Svenska Cellulosa Aktiebolaget Sca B	Sweden	Basic Material	Paper & Paper Products	9,703	25,465	4	82	70	E
SM@G.SE	Holmen B	Sweden	Basic Material	Paper & Paper Products	5,023	17,707	5	95	64	C
EPIA.SE	Epiroc A	Sweden	Capital Equipment	Machinery-Constr/Mining	14,614	19,422	4	90	64	C-
SKFB.SE	Skf B	Sweden	Capital Equipment	Machinery-Gen Industrial	7,175	25,330	3	58	57	D+
SEA.SE	Skandinaviska Enskilda Banken A	Sweden	Financial	Banks-Money Center	23,665	34,850	4	54	70	D-
SVK.SE	Svenska Handelsbanken A	Sweden	Financial	Banks-Money Center	17,789	36,660	5	74	70	D
GIND.SE	Gefinge B	Sweden	Health Care	Medical-Systems/Equip	5,608	22,736	3	84	20	C+

Symbol	Name	Trading Country	Sector Name	Industry Group Name	Market Value, USD (Mil)	Avg Daily Dollar Vol (000), USD	Negative Alert Score, 10 Wks	EPS Rank	RS Rating	A/D Rating
THQ.SE	Embracer Group	Sweden	Technology	Computer Sftwr-Gaming	8,943	24,881	2	5	76	C
HOLN.CH	Holcim	Switzerland	Basic Material	Bldg-Cement/Concrt/Ag	29,735	68,907	5	88	57	C-
SGSN.CH	Sgs 'N'	Switzerland	Capital Equipment	Comml Svcs-Outsourcing	18,044	38,685	5	29	41	D
BARN.CH	Barry Callebaut	Switzerland	Consumer Staple	Food-Confectionery	12,114	12,989	3	90	59	D-
NESN.CH	Nestle 'N'	Switzerland	Consumer Staple	Food-Misc Preparation	333,618	372,127	4	65	60	D+
UBSG.CH	Ubs Group	Switzerland	Financial	Finance-Investment Mgmt	58,975	139,452	6	90	53	C-
SLHN.CH	Swiss Life Holding	Switzerland	Financial	Insurance-Life	17,014	48,912	6	83	67	C-
SPSN.CH	Swiss Prime Site	Switzerland	Financial	Real Estate Dvlpmt/Ops	7,338	13,270	7	36	64	D+
ROG.CH	Roche Holding	Switzerland	Health Care	Medical-Diversified	236,262	286,034	4	85	49	D-
SCMN.CH	Swisscom 'R'	Switzerland	Technology	Telecom Svcs-Integrated	27,855	51,022	5	26	53	E
ITRK.GB	Intertek Group	United Kingdom	Capital Equipment	Comml Svcs-Outsourcing	8,378	20,097	4	64	20	C-
PNN.GB	Pennon Group	United Kingdom	Capital Equipment	Pollution Control	3,318	11,904	5	40	41	E
BLND.GB	British Land	United Kingdom	Financial	Finance-Property REIT	5,510	13,238	5	74	49	C
SN.GB	Smith & Nephew	United Kingdom	Health Care	Medical-Products	11,386	28,818	4	47	20	E
TSCO.GB	Tesco	United Kingdom	Retail	Wholesale-Food	24,524	58,419	6	94	63	D-
BT,A.GB	Bt Group	United Kingdom	Technology	Telecom Svcs-Integrated	19,330	52,334	5	81	29	E

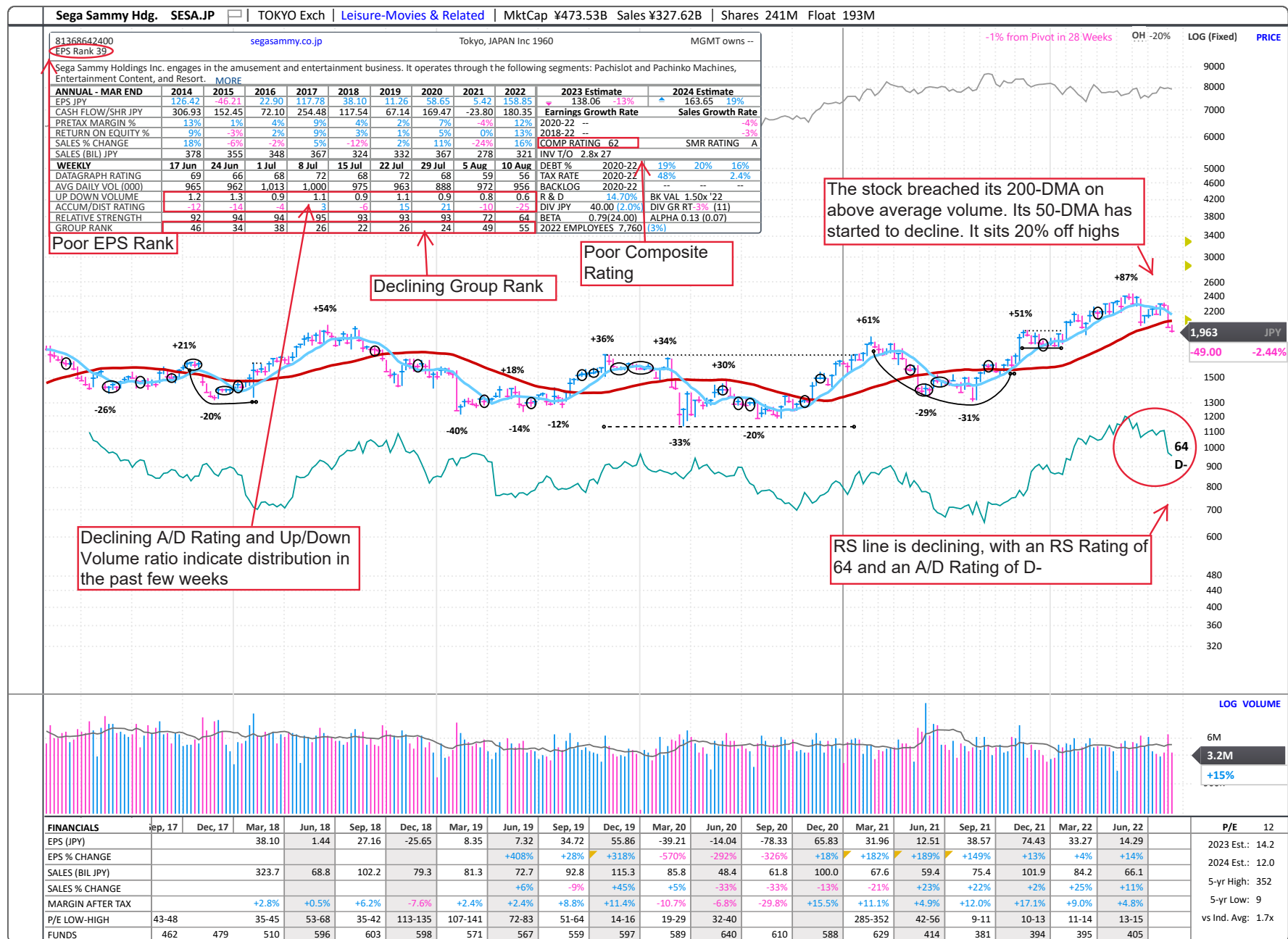
Developed — Consumer Cyclical — Highlighted Laggard



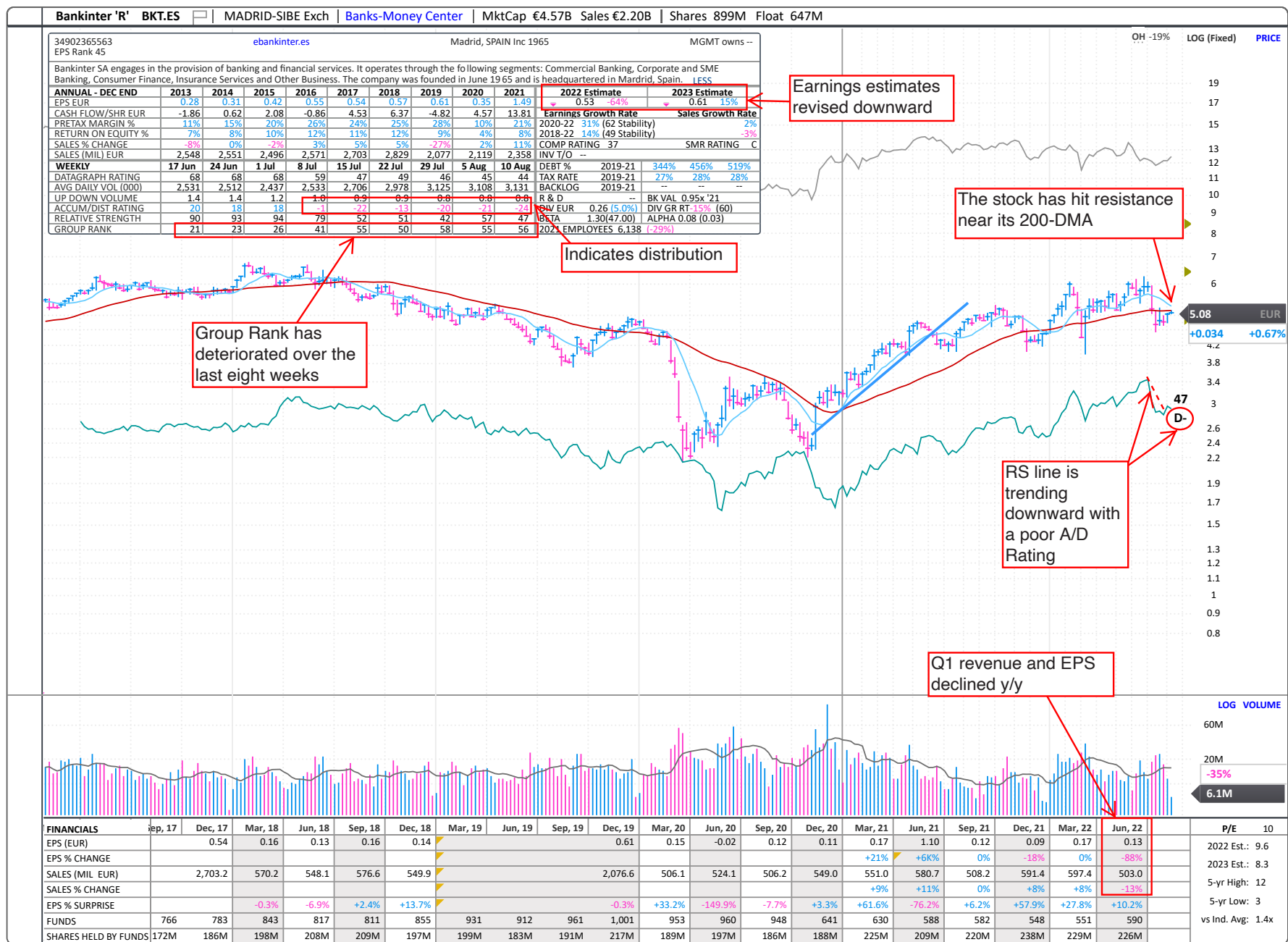
Developed — Consumer Cyclical — Highlighted Laggard



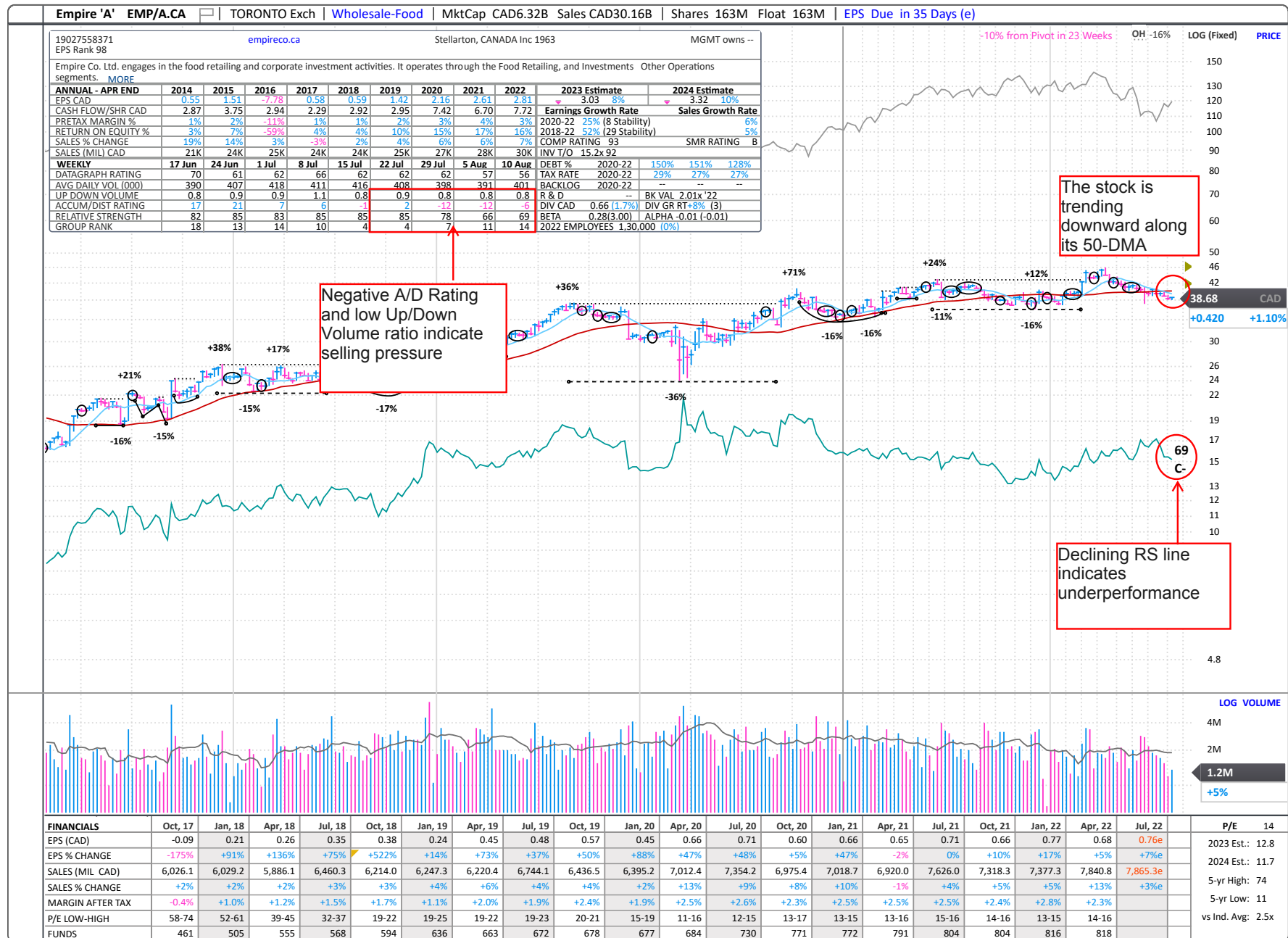
Developed — Consumer Cyclical — Highlighted Laggard



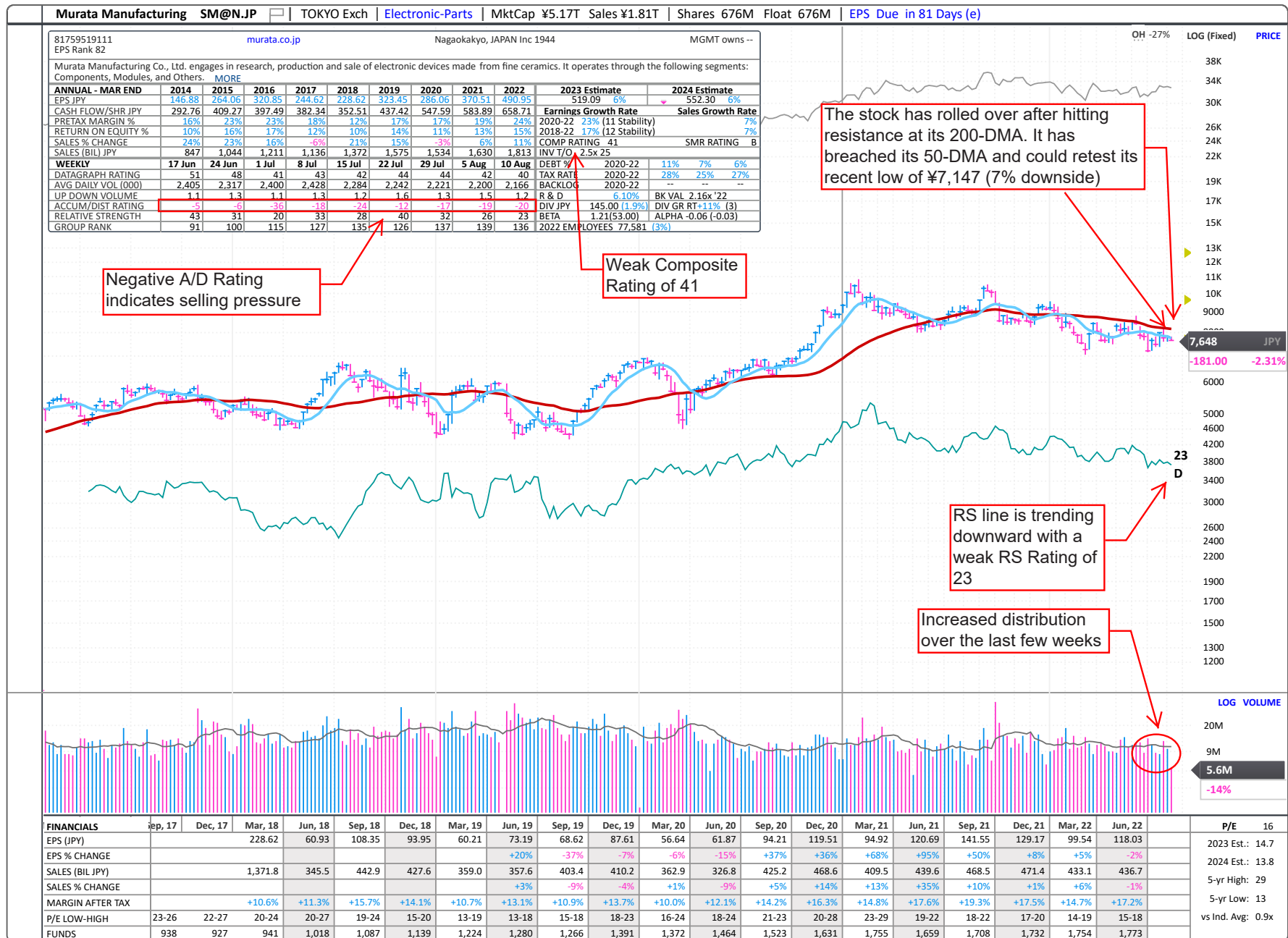
Developed — Financial — Highlighted Laggard



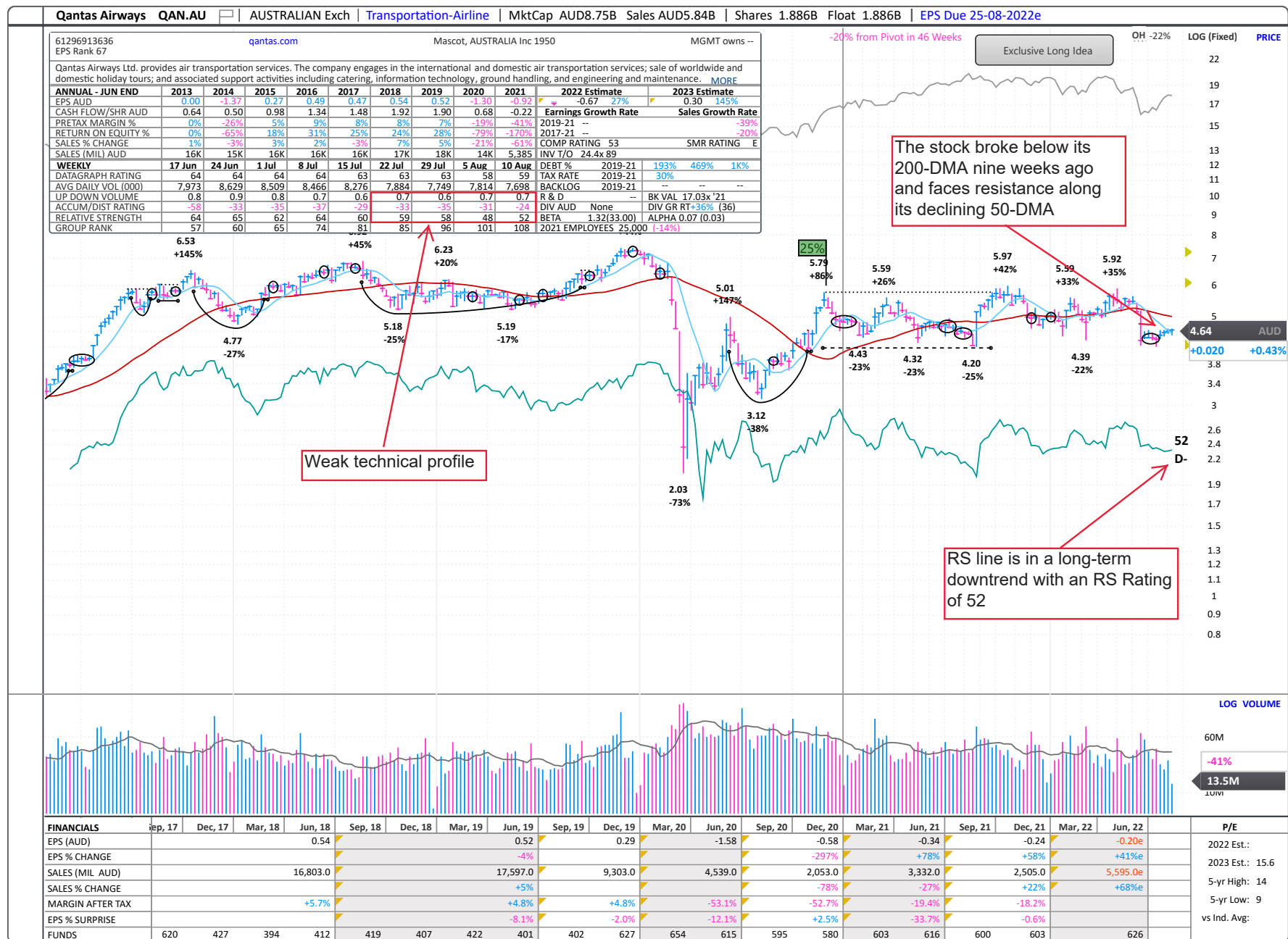
Developed — Retail — Highlighted Laggard



Developed — Technology — Highlighted Laggard



Developed — Transportation — Highlighted Laggard

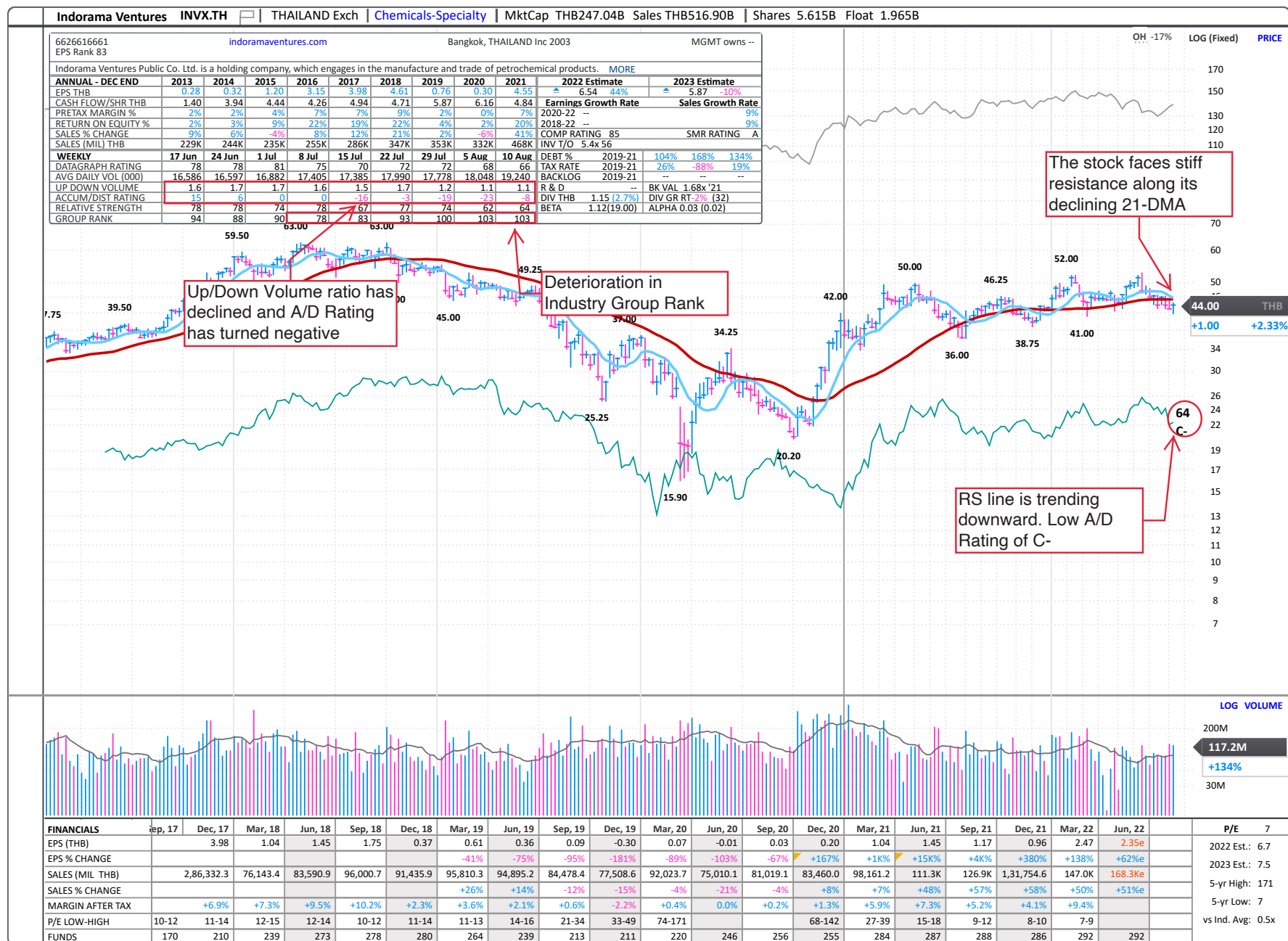


Emerging Markets

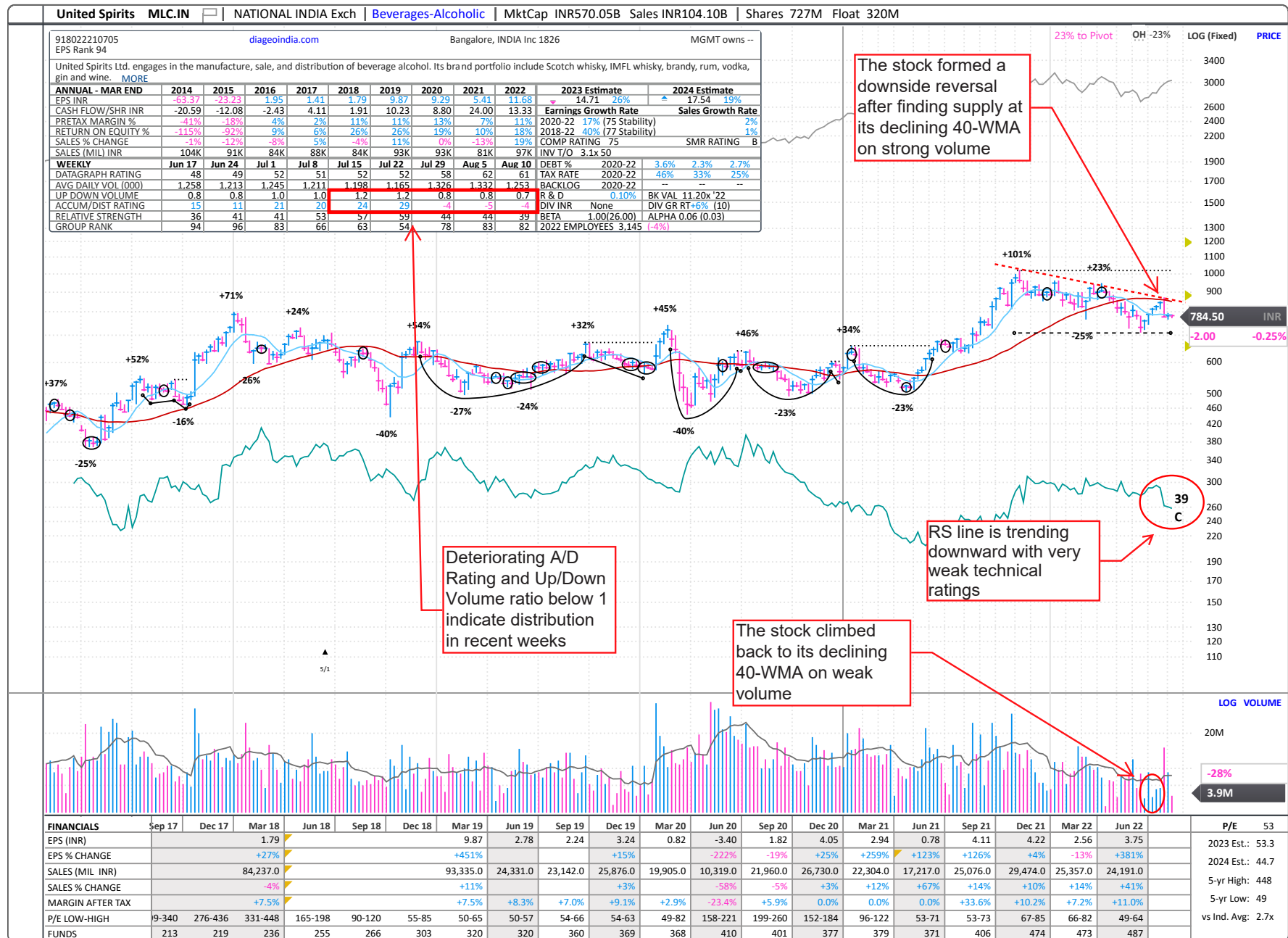
Symbol	Name	Trading Country	Sector Name	Industry Group Name	Market Value, USD (Mil)	Avg Daily Dollar Vol (000), USD	Negative Alert Score, 10 Wks	EPS Rank	RS Rating	A/D Rating
SLC.BR	Slc Agricola On	Brazil	Basic Material	Agricultural Operations	1,836	13,679	4	87	64	D-
SUZ.BR	Suzano On	Brazil	Basic Material	Paper & Paper Products	13,100	53,961	4	27	50	C
HRT.BR	Petro Rio On	Brazil	Energy	Oil&Gas-Intl Expl&Prod	4,297	86,543	6	96	83	C-
VLT.IN	Voltas (Nse)	India	Capital Equipment	Bldg-Heavy Construction	4,140	13,598	4	46	29	D+
MLC.IN	United Spirits	India	Consumer Staple	Beverages-Alcoholic	7,211	12,228	4	94	39	C
HDF.IN	Housing Development Fin.	India	Financial	Banks-Money Center	56,315	86,159	5	80	39	C-
ILG.IN	Icici Lombard General Ins Co	India	Financial	Insurance-Brokers	7,704	12,458	5	85	27	C-
DRR.IN	Dr. Reddy's Laboratories	India	Health Care	Medical-Diversified	8,936	24,878	3	79	43	C-
WIP.IN	Wipro (Nse)	India	Technology	Computer-Tech Services	30,321	39,870	5	66	11	C
TMH.IN	Tech Mahindra	India	Technology	Computer-Tech Services	13,249	43,124	5	75	10	C
TSE.IN	Tata Consultancy Svs.	India	Technology	Computer-Tech Services	158,330	103,034	5	74	37	D-
BFL.IN	Mphasis (Nse)	India	Technology	Computer-Tech Services	5,766	17,058	5	89	16	B-
HTE.IN	Hcl Technologies (Nse)	India	Technology	Computer-Tech Services	32,940	39,040	5	87	20	D-
GGT.ID	Goto Gojek Tokopedia	Indonesia	Technology	Comp Sftwr-Spec Enterprs	23,573	37,371	6	1	63	C-
PCHE.MY	Petronas Chemicals Gp.	Malaysia	Basic Material	Chemicals-Specialty	15,759	14,911	5	89	71	D-
MRDI.MY	Mr Diy Group M Bhd	Malaysia	Retail	Retail-Department Stores	4,547	4,960	6	93	50	E
AUS.MX	Grupo Aeroportuario Del Sureste 'B'	Mexico	Financial	Real Estate Dvlpmnt/Ops	5,776	10,491	6	72	76	D+
SNV.PH	Sm Investments	Philippines	Retail	Retail-Super/Mini Mkts	18,367	4,740	4	68	46	C-
PLK.PL	Plknc.Naftowy Orlen	Poland	Energy	Oil&Gas-Refining/Mktg	6,696	23,039	2	79	60	D
STC.SA	Saudi Telecom	Saudi Arabia	Technology	Telecom Svcs-Integrated	54,901	83,702	4	64	52	C
SLMJ.ZA	Sanlam	South Africa	Financial	Insurance-Life	7,797	18,116	6	76	31	D+
DSYJ.ZA	Discovery	South Africa	Financial	Insurance-Life	5,383	10,454	5	57	34	C-
WHLJ.ZA	Woolworths Hdq.	South Africa	Retail	Retail-Department Stores	3,450	12,876	3	15	50	C-
DCPJ.ZA	Dis-Chem Pharmacies Ord Shs	South Africa	Retail	Retail-Drug Stores	1,765	1,249	4	79	44	C
KWL.KR	Kangwon Land	South Korea	Consumer Cyclical	Leisure-Gaming/Equip	4,270	11,170	3	53	72	C
KTB.KR	Kt & G	South Korea	Consumer Staple	Tobacco	8,624	17,331	3	77	74	C-
SSO.KR	S-Oil	South Korea	Energy	Oil&Gas-Refining/Mktg	7,557	28,143	5	77	46	E
C&C.KR	Sk	South Korea	Energy	Oil&Gas-Refining/Mktg	13,058	21,586	3	84	63	C
SGD.KR	Shinsegae	South Korea	Retail	Retail-Department Stores	1,711	7,195	4	78	46	B-
HDO.KR	Hyundai Department Store	South Korea	Retail	Retail-Department Stores	1,214	3,372	4	86	43	C
SGL.KR	Samsung Electronics	South Korea	Technology	Telecom-Consumer Prods	275,593	770,286	4	74	40	D-
KAA.KR	Korean Air Lines	South Korea	Transportation	Transportation-Airline	7,364	26,723	2	71	46	C
GLV.KR	Hyundai Glovis	South Korea	Transportation	Transportation-Logistics	5,289	14,471	2	93	76	B-
KAW.KR	Korea Electric Power	South Korea	Utility	Utility-Electric Power	10,786	22,667	3	7	65	D+
TCM.TW	Taiwan Cement	Taiwan	Basic Material	Bldg-Cement/Concrt/Ag	8,861	23,175	4	41	56	D

Symbol	Name	Trading Country	Sector Name	Industry Group Name	Market Value, USD (Mil)	Avg Daily Dollar Vol (000), USD	Negative Alert Score, 10 Wks	EPS Rank	RS Rating	A/D Rating
YUE.TW	Yulon Motor	Taiwan	Consumer Cyclical	Auto Manufacturers	1,397	15,224	2	17	78	C
RTX.TW	Ruentex Dev.	Taiwan	Consumer Cyclical	Bldg-Resident/Comml	4,542	19,692	7	67	70	B-
PRE.TW	Uni-President Ents.	Taiwan	Consumer Staple	Food-Grain & Related	12,536	16,166	3	29	60	C-
CHI.TW	Ctbc Finl.Hldg.	Taiwan	Financial	Banks-Money Center	15,674	33,104	6	58	49	C-
SHK.TW	Shin Kong Finl.Hldg.	Taiwan	Financial	Insurance-Life	4,654	13,533	5	71	46	D-
FUB.TW	Fubon Finl.Hldg.	Taiwan	Financial	Insurance-Life	23,637	33,871	5	53	29	C-
XTC.TW	Xintec	Taiwan	Technology	Elec-Semiconductor Mfg	1,093	14,669	5	12	29	C
TCE.TW	Taiwan Mobile	Taiwan	Technology	Telecom Svcs-Wireless	11,940	16,387	5	41	62	D-
INVX.TH	Indorama Ventures	Thailand	Basic Material	Chemicals-Specialty	6,788	23,902	3	83	64	C-
SCQT.TH	Siam Cement	Thailand	Capital Equipment	Diversified Operations	12,421	25,874	4	36	47	D-
OSOT.TH	Osotspa	Thailand	Consumer Staple	Beverages-Non-Alcoholic	2,697	10,342	5	67	44	E
ENAP.TH	Energy Absolute	Thailand	Energy	Energy-Alternative/Other	9,045	23,861	4	85	84	C
CPSE.TH	Cp All	Thailand	Retail	Retail-Super/Mini Mkts	15,243	40,265	4	75	47	C
HPC.TH	Home Product Center	Thailand	Retail	Retail/Whlsle-Bldg Prds	5,058	12,928	7	77	50	C
SGHX.TH	Siam Global House	Thailand	Retail	Retail/Whlsle-Bldg Prds	2,539	5,879	3	87	38	C
AIS.TH	Advanced Info Ser.	Thailand	Technology	Telecom Svcs-Wireless	16,780	35,145	5	58	57	C-

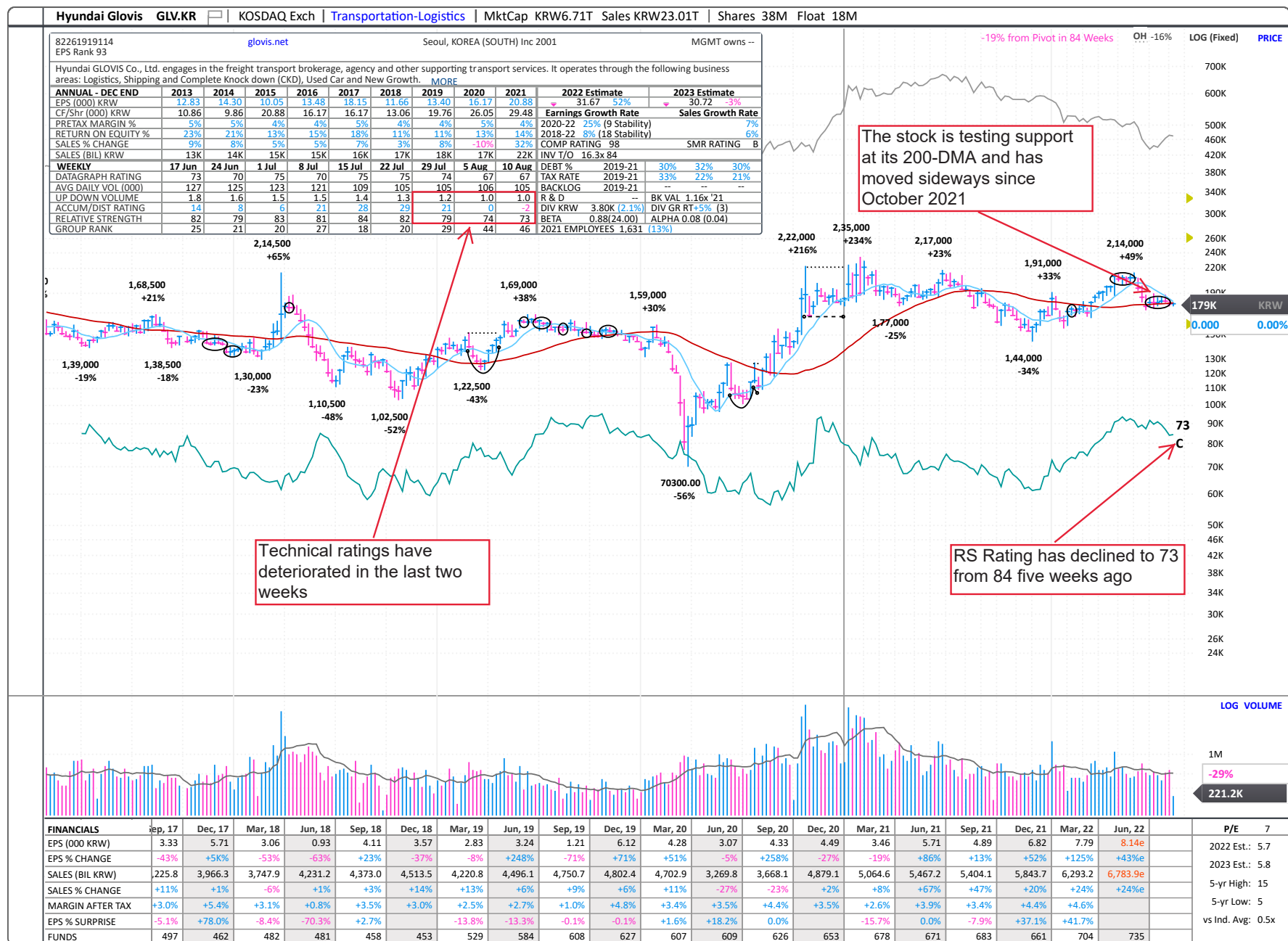
Emerging — Basic Material — Highlighted Laggard



Emerging—Consumer Staple—Highlighted Laggard



Emerging — Transportation — Highlighted Laggard



Disclaimer

William O'Neil + Co. Incorporated offers the world's leading institutional investment managers a distinct blend of quantitative, fundamental, and technical expertise in global stock buy-and-sell recommendations. Its core method profiles stocks displaying the characteristics of outperformance proven persistent over market history—drawn from the firm's industry-leading database.

William O'Neil + Co. Incorporated is an SEC Registered Investment Adviser. William O'Neil India Pvt Ltd Associates and William O'Neil Shanghai Pvt. Ltd. may develop research content on behalf of William O'Neil + Co. Our content should not be relied upon as the sole factor in determining whether to buy, sell, or hold a stock. For important information about reports, our business, and legal notices (including our Privacy Policy), please go to williamoneil.com/legal.

Limitations of Use of Stock Charts

Our content and stock charts, which provide certain current and historical information, should not be relied upon as the sole factor in determining whether to buy, sell, or hold a stock. The charts provide certain current and historical information, but are not a substitute for a comprehensive analysis of the individual stocks.

No Investment Banking

William O'Neil + Co. and its affiliates do not engage in investment banking and do not make a market in any securities. Neither William O'Neil + Co. nor any of its affiliates have, during the past 12 months, received any compensation from any of the companies discussed in this report. None of the companies discussed in this report are, or have been during the past 12 months, clients of William O'Neil + Co. or its affiliates.

Proprietary Positions

William O'Neil + Co. does not maintain proprietary positions in any securities. Employees of William O'Neil + Co. and its affiliates may now or in the future own positions in the companies discussed in this report. As of the end of the month immediately preceding the date of publication of such reports, none of such employees or affiliates beneficially owned 1% or more of the common equity securities of any of the companies discussed in this report.

© 2022, William O'Neil + Company, Inc. All rights reserved.

No part of this material may be copied or duplicated in any form by any means or redistributed without the prior written consent of William O'Neil + Co.