



WILLIAM
O'NEIL+CO.

Global Laggards

July 25, 2024

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
NUE	Nucor Corp	Basic Material	Steel-Producers	37,863	2,41,952	1.8%	6	62	22	D-
CSTM	Constellium Se	Basic Material	Steel-Specialty Alloys	2,538	21,697	2.2%	3	57	23	E
IPG	Interpublic Group Of Cos	Capital Equipment	Comml Svcs-Advertising	11,568	1,15,770	6.4%	4	64	23	D-
SONO	Sonos Inc	Consumer Cyclical	Consumer Prod-Electronic	1,660	20,315	5.9%	3	26	19	C
CELH	Celsius Holdings Inc	Consumer Staple	Beverages-Non-Alcoholic	10,474	2,56,323	17.9%	6	81	11	E
COTY	Coty Inc	Consumer Staple	Cosmetics/Personal Care	8,401	34,143	3.7%	4	67	14	D+
OXY	Occidental Petroleum	Energy	Oil&Gas-Intl Expl&Prod	53,531	4,18,039	3.8%	6	10	23	C-
BEKE	Ke Holdings Inc Ads Cl A	Financial	Real Estate Dvlpmnt/Ops	15,409	1,15,176	2.6%	6	19	20	D-
IDXX	Idexx Laboratories Inc	Health Care	Medical-Systems/Equip	39,509	2,49,527	3.3%	5	91	24	C-
DASH	Doordash Inc Cl A	Retail	Retail-Internet	37,957	4,07,207	4.1%	5	64	46	D-
YUM	Yum! Brands Inc	Retail	Retail-Restaurants	36,224	2,43,222	3.8%	5	80	22	D
SHOP	Shopify Inc Cl A	Technology	Computer Sftwr-Enterprise	70,286	5,83,774	1.6%	7	98	19	C-
VEEV	Veeva Systems Inc Cl A	Technology	Computer Sftwr-Medical	29,976	2,00,151	1.5%	6	98	20	C
MCHP	Microchip Tech	Technology	Elec-Semiconductor Mfg	45,243	5,23,671	4.9%	4	54	35	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
LVMH.FR	Lvmh	France	Consumer Cyclical	Apparel-Clothing Mfg	3,57,927	2,48,350	4	83	21	E
OROC.HK	Orient Overseas (Intl.)	Hong Kong	Transportation	Transportation-Ship	8,828	18,816	4	55	55	D-
MONC.IT	Moncler	Italy	Consumer Cyclical	Apparel-Clothing Mfg	16,231	41,816	4	87	29	E
LM@N.JP	Mitsubishi Materials	Japan	Capital Equipment	Diversified Operations	2,271	15,921	4	18	42	E
FJ@N.JP	Subaru	Japan	Consumer Cyclical	Auto Manufacturers	14,068	55,407	4	92	38	D-
KFGI.JP	Kyushu Financial Gp.	Japan	Financial	Banks-Money Center	2,573	10,895	5	86	35	D
CLNX.ES	Cellnex Telecom	Spain	Technology	Telecom-Infrastructure	24,390	43,365	5	33	52	D+
SKFB.SE	Skf B	Sweden	Capital Equipment	Machinery-Gen Industrial	7704	22438	3	46	39	E

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
MMC.IN	Poonawalla Fincorp	India	Financial	Finance-Consumer Loans	3,364	12,514	5	56	9	D
SYX.TW	Synnex Tech.Intl.	Taiwan	Technology	Computer-Hardware/Perip	3706	25268	5	67	44	E

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
CX	Cemex Sab De Cv Ads	Basic Material	Bldg-Cement/Concrt/Ag	9,365	48,531	0.6%	6	24	14	E
CF	C F Industries Holdings	Basic Material	Chemicals-Agricultural	13,332	1,49,164	2.8%	5	52	19	D-
SQM	Sociedad Quimica Y Minra	Basic Material	Chemicals-Agricultural	5,354	37,409	4.4%	4	44	10	E
CE	Celanese Corp	Basic Material	Chemicals-Basic	14,881	1,02,724	4.0%	5	73	31	D-
PPG	P P G Industries	Basic Material	Chemicals-Paints	29,692	1,87,309	1.0%	5	75	22	D-
OLN	Olin Corp	Basic Material	Chemicals-Specialty	5,687	51,333	2.4%	6	8	20	E
KWR	Quaker Houghton	Basic Material	Chemicals-Specialty	3,244	20,339	7.4%	6	85	28	D+
NXE	Nexgen Energy Ltd	Basic Material	Mining-Metal Ores	3,292	28,782	9.7%	3	24	25	D-
UEC	Uranium Energy Corp	Basic Material	Mining-Metal Ores	2,214	35,528	11.7%	5	7	39	D-
MP	M P Materials Corp	Basic Material	Mining-Metal Ores	2,238	41,082	22.9%	4	40	11	D+
DNN	Denison Mines Corp	Basic Material	Mining-Metal Ores	1,643	29,082	4.6%	3	30	70	E
SUZ	Suzano S A Adr	Basic Material	Paper & Paper Products	12,513	23,479	0.4%	4	54	16	D
NUE	Nucor Corp	Basic Material	Steel-Producers	37,523	2,41,952	1.8%	6	62	22	D-
MT	Arcelor Mittal	Basic Material	Steel-Producers	18,734	35,729	0.9%	3	37	17	D-
CLF	Cleveland-Cliffs Inc	Basic Material	Steel-Producers	7,268	1,37,584	7.5%	5	66	15	D+
TS	Tenaris Sa Adr	Basic Material	Steel-Producers	18,375	54,600	2.4%	6	86	19	D-
CSTM	Constellium Se	Basic Material	Steel-Specialty Alloys	2,530	21,697	2.2%	3	57	23	E
NOC	Northrop Grumman Corp	Capital Equipment	Aerospace/Defense	69,443	3,99,632	0.9%	7	40	22	D-
CAE	C A E Inc	Capital Equipment	Aerospace/Defense	5,631	11,758	1.1%	5	22	17	D
HXL	Hexcel Corp	Capital Equipment	Aerospace/Defense	5,209	55,845	1.3%	4	44	22	D
IPG	Interpublic Group Of Cos	Capital Equipment	Comml Svcs-Advertising	11,549	1,15,770	6.4%	4	64	23	D-
SAIC	Science Applications Int	Capital Equipment	Comml Svcs-Consulting	6,261	44,182	1.7%	6	60	28	C
FDS	Factset Research Sys Inc	Capital Equipment	Comml Svcs-Market Rsrch	15,757	1,24,511	5.8%	6	89	21	D-
CSGP	Costar Group Inc	Capital Equipment	Comml Svcs-Market Rsrch	31,626	2,02,686	1.9%	7	30	19	C
MAN	Manpowergroup	Capital Equipment	Comml Svcs-Staffing	3,503	32,992	4.1%	5	27	24	D+
GEF	Greif Inc Cl A	Capital Equipment	Containers/Packaging	1,658	11,224	2.4%	3	71	27	D+
DE	Deere & Co	Capital Equipment	Machinery-Farm	1,04,269	5,94,238	1.2%	5	80	21	C
LNN	Lindsay Corporation	Capital Equipment	Machinery-Farm	1,337	15,204	3.6%	4	94	23	D
AGCO	A G C O Corp	Capital Equipment	Machinery-Farm	7,651	78,724	3.4%	4	72	12	D-
FTV	Fortive Corporation	Capital Equipment	Machinery-Gen Industrial	24,818	1,11,978	0.7%	4	83	24	D
HI	Hillenbrand Inc	Capital Equipment	Machinery-Gen Industrial	3,049	17,314	2.6%	3	59	20	D+
NDSN	Nordson Corp	Capital Equipment	Machinery-Gen Industrial	13,698	62,726	1.8%	7	77	24	D+
GGG	Graco Inc	Capital Equipment	Machinery-Gen Industrial	14,294	66,915	1.2%	5	78	27	C-
SYM	Symbolic Inc Cl A	Capital Equipment	Machinery-Gen Industrial	3,727	44,130	46.0%	5	53	19	D
ITW	Illinois Tool Works Inc	Capital Equipment	Machinery-Gen Industrial	72,768	2,56,171	1.8%	3	69	24	D

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TKR	Timken Co	Capital Equipment	Metal Proc & Fabrication	5,822	33,871	2.4%	3	68	28	D
WOR	Worthington Enterprises	Capital Equipment	Metal Proc & Fabrication	2,492	15,273	3.7%	5	43	23	D-
MEG	Montrose Environmentl Gp	Capital Equipment	Pollution Control	1,015	10,515	5.6%	5	31	19	E
PCAR	Paccar Inc	Capital Equipment	Trucks & Parts-Hvy Duty	51,416	2,88,086	2.7%	5	72	35	C-
LEVI	Levi Strauss & Co Cl A	Consumer Cyclical	Apparel-Clothing Mfg	1,778	39,188	6.9%	6	83	43	C-
OXM	Oxford Industries Inc	Consumer Cyclical	Apparel-Clothing Mfg	1,549	30,719	15.4%	6	68	28	C
PVH	P V H Corp	Consumer Cyclical	Apparel-Clothing Mfg	5,373	82,177	3.4%	5	95	31	D-
UAA	Under Armour Inc Cl A	Consumer Cyclical	Apparel-Clothing Mfg	1,267	72,972	15.8%	5	48	19	C-
UA	Under Armour Inc Cl C	Consumer Cyclical	Apparel-Clothing Mfg	1,387	19,860	6.6%	5	47	20	D
NKE	Nike Inc Cl B	Consumer Cyclical	Apparel-Shoes & Rel Mfg	87,482	11,12,971	2.0%	6	93	8	D-
HMC	Honda Motor Co Ltd Adr	Consumer Cyclical	Auto Manufacturers	49,569	25,285	0.2%	6	61	23	C
TM	Toyota Motor Corp Adr	Consumer Cyclical	Auto Manufacturers	3,16,862	55,413	0.0%	6	95	31	D-
APTV	Aptiv Plc	Consumer Cyclical	Auto/Truck-Original Eqp	18,481	2,00,844	2.8%	5	73	12	C-
LEA	Lear Corporation	Consumer Cyclical	Auto/Truck-Original Eqp	6,889	93,770	4.0%	5	59	15	D-
GNTX	Gentex Corp	Consumer Cyclical	Auto/Truck-Original Eqp	7,548	41,938	2.1%	4	81	31	D+
ALV	Autoliv Inc	Consumer Cyclical	Auto/Truck-Original Eqp	8,039	78,629	2.5%	7	79	20	D-
ADNT	Adient Plc	Consumer Cyclical	Auto/Truck-Original Eqp	2,298	26,971	5.8%	4	52	10	C-
BWA	Borgwarner Inc	Consumer Cyclical	Auto/Truck-Original Eqp	7,327	88,710	4.4%	4	73	17	C
BLDR	Builders Firstsource Inc	Consumer Cyclical	Bldg-Constr Prds/Misc	19,170	3,10,783	2.4%	6	86	39	C+
ATKR	Atkore Inc	Consumer Cyclical	Bldg-Constr Prds/Misc	4,923	73,477	16.2%	6	77	15	D-
SWK	Stanley Black & Decker	Consumer Cyclical	Bldg-Hand Tools	13,806	1,14,830	3.5%	4	75	25	C-
SNA	Snap On Inc	Consumer Cyclical	Bldg-Hand Tools	14,523	80,616	4.8%	4	79	31	D-
THO	Thor Industries Inc	Consumer Cyclical	Bldg-Mobile/Mfg & Rv	5,308	52,351	7.4%	4	37	21	C+
SONO	Sonos Inc	Consumer Cyclical	Consumer Prod-Electronic	1,670	20,315	5.9%	3	26	19	C
TAL	T A L Education Gp A Ads	Consumer Cyclical	Consumer Svcs-Education	4,791	56,953	7.3%	4	55	51	D+
MIDD	Middleby Corp	Consumer Cyclical	Hsehold-Appliances/Wares	6,882	73,120	5.1%	4	65	20	D-
IGT	Intl Game Technology Plc	Consumer Cyclical	Leisure-Gaming/Equip	4,061	24,009	1.6%	4	40	12	D+
LVS	Las Vegas Sands Corp	Consumer Cyclical	Leisure-Gaming/Equip	29,794	2,53,951	2.3%	4	81	13	D
CZR	Caesars Entertainment	Consumer Cyclical	Leisure-Gaming/Equip	7,374	1,61,762	8.9%	5	24	12	C
WYNN	Wynn Resorts Ltd	Consumer Cyclical	Leisure-Gaming/Equip	9,054	1,42,621	3.5%	5	82	14	E
HTHT	H World Group Ltd Ads	Consumer Cyclical	Leisure-Lodging	9,710	56,028	5.2%	4	81	12	C-
ROKU	Roku Inc Cl A	Consumer Cyclical	Leisure-Movies & Related	7,112	1,86,738	9.0%	2	61	13	C+
YETI	Yeti Holdings Inc	Consumer Cyclical	Leisure-Products	3,156	50,068	11.3%	3	96	20	C-
PII	Polaris Inc	Consumer Cyclical	Leisure-Products	4,410	66,857	6.2%	4	33	10	D-
VAC	Marriott Vacations Wrld	Consumer Cyclical	Leisure-Services	2,942	34,523	5.0%	5	15	13	C
WMG	Warner Music Group Cl A	Consumer Cyclical	Leisure-Services	4,176	74,925	7.4%	7	79	20	D+
LYFT	Lyft Inc Cl A	Consumer Cyclical	Leisure-Services	4,832	1,65,626	13.1%	5	81	24	D

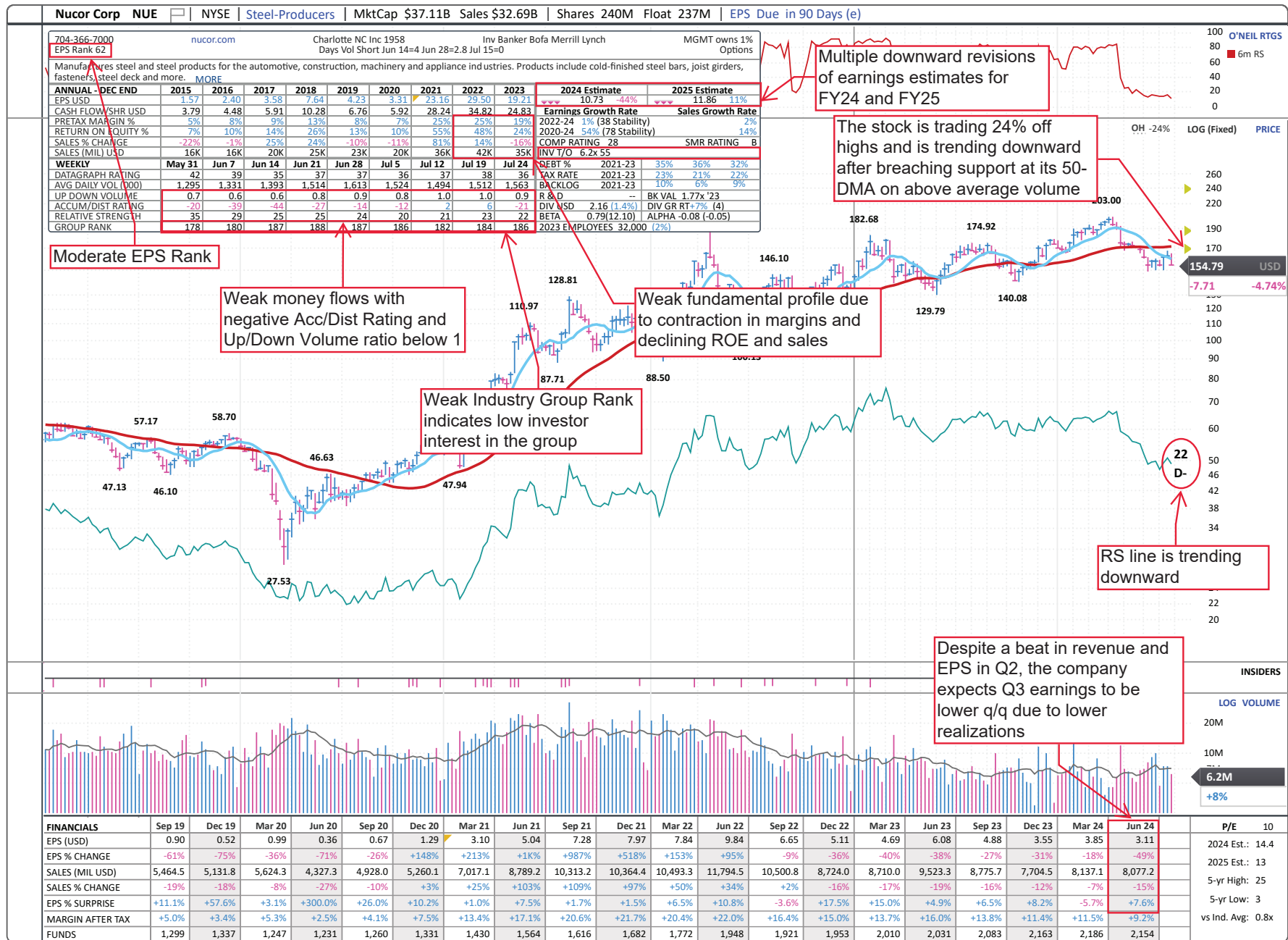
Symbol	Name	Sector Name	Industry Group Name	Market Value, USD (Mil)	Avg Daily Dollar Vol (000), USD	Short Interest, % of Float	Negative Alert Score, 10 Wks	EPS Rank	RS Rating	A/D Rating
DIS	Walt Disney Company	Consumer Cyclical	Media-Diversified	1,63,782	8,79,393	1.2%	5	74	22	E
STZ	Constellation Brands A	Consumer Staple	Beverages-Alcoholic	45,587	3,03,736	1.6%	3	88	25	C-
BUD	Anheuser Busch Inbev Adr	Consumer Staple	Beverages-Alcoholic	1,22,871	78,237	0.1%	4	60	43	D-
SAM	Boston Beer Company	Consumer Staple	Beverages-Alcoholic	2,713	55,050	3.0%	3	40	14	D+
TAP	Molson Coors Bev Cl B	Consumer Staple	Beverages-Alcoholic	10,684	1,18,476	4.6%	3	78	15	C-
DEO	Diageo Plc Ads	Consumer Staple	Beverages-Alcoholic	73,949	83,203	0.1%	4	63	16	D
CELH	Celsius Holdings Inc	Consumer Staple	Beverages-Non-Alcoholic	10,687	2,56,323	17.9%	6	81	11	E
EL	Estee Lauder Cos Cl A	Consumer Staple	Cosmetics/Personal Care	23,510	2,90,049	2.0%	5	51	8	E
BRBR	Bellring Brands Inc	Consumer Staple	Cosmetics/Personal Care	6,374	78,345	2.7%	4	93	46	E
COTY	Coty Inc	Consumer Staple	Cosmetics/Personal Care	8,392	34,143	3.7%	4	67	14	D+
SMPL	Simply Good Foods Co	Consumer Staple	Food-Confectionery	3,371	26,476	3.3%	4	95	20	C-
GIS	General Mills Inc	Consumer Staple	Food-Packaged	37,861	2,65,682	3.1%	5	77	22	D
CLX	Clorox Co	Consumer Staple	Soap & Cng Preparatns	16,723	1,55,482	4.3%	4	76	22	C
FLNC	Fluence Energy Inc Cl A	Energy	Energy-Alternative/Other	2,007	43,147	14.5%	4	54	12	D+
AMR	Alpha Metallurgical Res	Energy	Energy-Coal	3,779	55,238	9.5%	5	17	78	C
ARCH	Arch Resources Inc	Energy	Energy-Coal	2,470	44,816	5.2%	5	7	25	C-
VET	Vermilion Energy Inc	Energy	Oil&Gas-Cdn Expl&Prod	1,700	10,456	8.1%	3	4	14	E
NFE	New Fortress Energy Cl A	Energy	Oil&Gas-Integrated	4,212	50,896	17.7%	4	31	8	D
EQT	E Q T Corp	Energy	Oil&Gas-Integrated	15,509	2,87,339	9.8%	3	80	18	D-
TTE	Totalenergies S E Adr	Energy	Oil&Gas-Integrated	1,59,680	86,342	0.2%	5	63	35	E
APA	A P A Corp	Energy	Oil&Gas-Intl Expl&Prod	11,527	1,65,668	4.6%	5	60	16	C-
COP	Conocophillips	Energy	Oil&Gas-Intl Expl&Prod	1,30,415	6,70,722	1.6%	7	73	20	D
KOS	Kosmos Energy Ltd	Energy	Oil&Gas-Intl Expl&Prod	2,549	27,569	6.9%	4	73	13	D-
OVV	Ovintiv Inc	Energy	Oil&Gas-Intl Expl&Prod	12,266	1,35,583	1.4%	6	84	24	C
OXY	Occidental Petroleum	Energy	Oil&Gas-Intl Expl&Prod	53,712	4,18,039	3.8%	6	10	23	C-
MPC	Marathon Petroleum	Energy	Oil&Gas-Refining/Mktg	59,417	4,39,517	2.3%	3	10	46	D-
PARR	Par Pacific Holdings Inc	Energy	Oil&Gas-Refining/Mktg	1,418	18,422	4.6%	4	8	9	C-
PBF	P B F Energy Inc Cl A	Energy	Oil&Gas-Refining/Mktg	4,675	73,209	10.7%	4	6	11	C-
SWN	Southwestern Energy Co	Energy	Oil&Gas-U S Expl&Prod	7,053	95,943	3.3%	6	32	20	E
CHK	Chesapeake Energy Corp	Energy	Oil&Gas-U S Expl&Prod	10,213	1,20,598	14.9%	6	8	19	E
RRC	Range Resources Corp	Energy	Oil&Gas-U S Expl&Prod	7,691	75,244	4.7%	5	90	22	E
CRC	California Resources	Energy	Oil&Gas-U S Expl&Prod	3,434	50,582	8.9%	3	52	22	D-
CTRA	Coterra Energy Inc	Energy	Oil&Gas-U S Expl&Prod	19,279	1,52,989	1.8%	5	48	22	D-
PYPL	Paypal Holdings Inc	Financial	Finance-CrdtCard/PmtPr	60,990	6,44,949	2.0%	4	94	21	D+
EVTC	Evertec Inc	Financial	Finance-CrdtCard/PmtPr	2,222	18,559	3.3%	4	72	17	C
SCHW	Charles Schwab Corp	Financial	Finance-Invest Bnk/Bkrs	1,18,484	5,58,893	1.1%	4	56	28	D+
PEB	Pebblebrook Hotel Tr	Financial	Finance-Property REIT	1,616	20,295	14.9%	6	13	20	C+

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CME	C M E Group Inc	Financial	Financial Svcs-Specialty	71,825	4,52,235	1.3%	7	78	23	C-
PUK	Prudential Plc Adr	Financial	Insurance-Life	24,376	11,941	0.0%	3	43	15	D
KNSL	Kinsale Capital Group	Financial	Insurance-Prop/Cas/Titl	8,810	54,297	6.3%	4	99	16	D-
BEKE	Ke Holdings Inc Ads Cl A	Financial	Real Estate Dvlpmt/Ops	15,460	1,15,176	2.6%	6	19	20	D-
HHH	Howard Hughes Holdings	Financial	Real Estate Dvlpmt/Ops	3,525	17,524	4.7%	4	5	24	D
VTMX	Vesta Real Estate Ads	Financial	Real Estate Dvlpmt/Ops	2,501	5,482	0.6%	6	80	15	D+
FOR	Forestar Group Inc	Financial	Real Estate Dvlpmt/Ops	1,569	5,647	2.3%	6	88	51	D+
DVAX	Dynavax Technologies	Health Care	Medical-Biomed/Biotech	1,499	24,256	13.6%	3	26	16	D
CNC	Centene Corp	Health Care	Medical-Managed Care	36,353	2,52,949	2.6%	7	69	19	D+
ACHC	Acadia Healthcare Inc	Health Care	Medical-Outpnt/Hm Care	6,129	59,175	3.9%	2	93	18	B
ENOV	Enovis Corp	Health Care	Medical-Products	2,571	28,244	8.3%	4	61	13	B
DXCM	Dexcom Inc	Health Care	Medical-Products	44,540	3,02,171	2.6%	3	98	22	D
ZBH	Zimmer Biomet Hldgs Inc	Health Care	Medical-Products	23,153	1,72,049	2.9%	4	68	20	C-
TXG	10x Genomics Inc Cl A	Health Care	Medical-Products	2,117	34,635	10.1%	4	7	4	B
QGEN	Qiagen Nv	Health Care	Medical-Products	9,638	43,232	1.3%	4	63	27	C
RGEN	Repligen Corp	Health Care	Medical-Research Eqp/Svc	7,409	97,807	8.2%	5	45	13	D-
AVTR	Avantor Inc	Health Care	Medical-Research Eqp/Svc	15,467	1,48,369	3.2%	6	62	27	E
WST	West Pharmaceutical Svcs	Health Care	Medical-Supplies	20,550	1,88,175	1.7%	3	76	16	B-
ELAN	Elanco Animal Health Inc	Health Care	Medical-Supplies	6,397	67,387	2.8%	5	29	57	D
IDXX	Idexx Laboratories Inc	Health Care	Medical-Systems/Equip	39,582	2,49,527	3.3%	5	91	24	C-
MASI	Masimo Corp	Health Care	Medical-Systems/Equip	5,833	80,947	6.0%	5	50	23	D
NVST	Envista Holdings Corp	Health Care	Medical-Systems/Equip	2,839	40,476	6.7%	5	29	7	B-
CAH	Cardinal Health Inc	Health Care	Medical-Whlsle Drg/Suppl	23,926	1,90,809	2.8%	4	88	27	C+
BBWI	Bath & Body Works Inc	Retail	Retail-Apparel/Shoes/Acc	7,606	1,09,566	4.2%	5	82	19	D-
LULU	Lululemon Athletica	Retail	Retail-Apparel/Shoes/Acc	30,858	7,02,132	5.2%	4	95	8	E
DLTR	Dollar Tree Inc	Retail	Retail-Discount&Variety	22,720	3,02,889	4.2%	4	72	13	C
MNSO	Miniso Group Hldg Cl A	Retail	Retail-Discount&Variety	5,266	21,430	6.3%	5	98	10	D
DG	Dollar General Corp	Retail	Retail-Discount&Variety	26,075	3,17,077	3.3%	4	35	14	D-
GO	Grocery Outlet Hdq Corp	Retail	Retail-Discount&Variety	1,909	40,701	12.8%	4	36	7	D
JD	JD.com Inc Cl A Ads	Retail	Retail-Internet	40,893	3,05,763	2.5%	6	93	20	D
VIPS	Vipshop Holdings Ltd Ads	Retail	Retail-Internet	6,276	62,212	3.1%	5	97	14	E
W	Wayfair Inc Cl A	Retail	Retail-Internet	4,722	1,71,032	23.6%	5	63	20	C+
DASH	Doordash Inc Cl A	Retail	Retail-Internet	38,115	4,07,207	4.1%	5	64	46	D-
HAYW	Hayward Holdings Inc	Retail	Retail-Leisure Products	2,688	14,624	8.2%	5	96	24	D
ARCO	Arcos Dorados Hldgs Cl A	Retail	Retail-Restaurants	1,254	13,123	4.4%	7	21	16	C
YUM	Yum! Brands Inc	Retail	Retail-Restaurants	36,102	2,43,222	3.8%	5	80	22	D
SHAK	Shake Shack Inc Cl A	Retail	Retail-Restaurants	3,133	63,961	11.7%	2	81	43	E

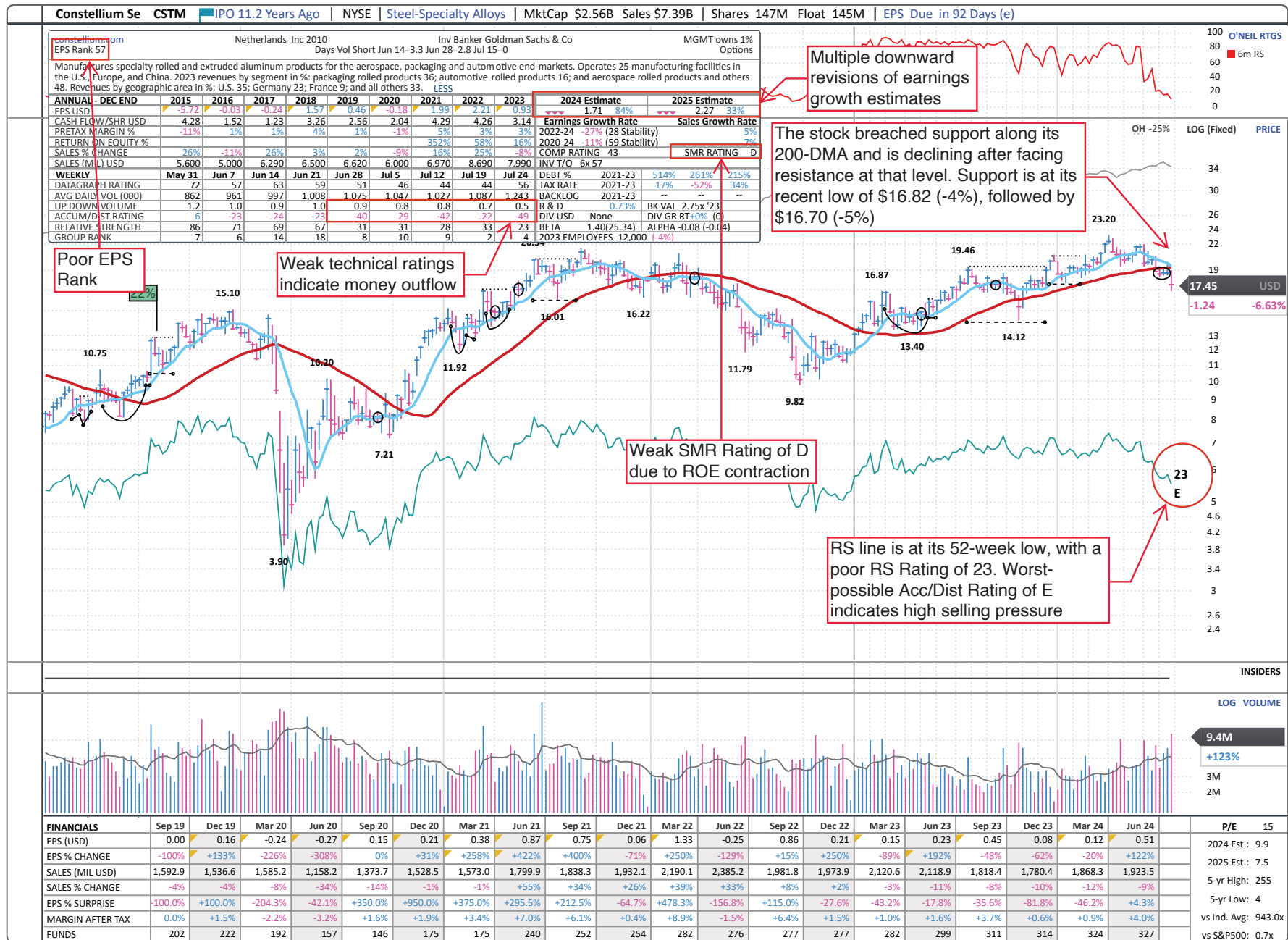
Symbol	Name	Sector Name	Industry Group Name	Market Value, USD (Mil)	Avg Daily Dollar Vol (000), USD	Short Interest, % of Float	Negative Alert Score, 10 Wks	EPS Rank	RS Rating	A/D Rating
DRI	Darden Restaurants Inc	Retail	Retail-Restaurants	16,907	1,76,937	5.4%	3	80	18	D-
PLAY	Dave & Buster's Entmnt	Retail	Retail-Restaurants	1,421	50,931	10.4%	6	33	10	D
ULTA	Ulta Beauty Inc	Retail	Retail-Specialty	17,544	3,31,984	4.4%	4	86	16	D-
AAP	Advance Auto Parts Inc	Retail	Retail/Whlsle-Auto Parts	3,592	93,909	13.7%	3	12	18	C+
MCW	Mister Car Wash Inc	Retail	Retail/Whlsle-Automobile	2,310	13,793	16.1%	2	79	28	D
SITE	SiteOne Landscape Supply	Retail	Retail/Whlsle-Bldg Prds	6,271	61,685	5.3%	5	31	16	C-
FND	Floor & Decor Hldgs Cl A	Retail	Retail/Whlsle-Bldg Prds	9,782	1,45,236	13.0%	6	58	19	D+
ODP	The ODP Corporation	Retail	Retail/Whlsle-Office Sup	1,528	23,207	11.2%	6	60	15	D
PFGC	Performance Food Group	Retail	Wholesale-Food	10,079	74,171	1.3%	5	88	27	D+
HUBS	Hubspot Inc	Technology	Comp Sftwr-Spec Enterprs	24,275	3,94,805	1.9%	6	99	15	E
BL	Blackline Inc	Technology	Comp Sftwr-Spec Enterprs	2,939	53,815	9.3%	5	98	13	C
LSPD	Lightspeed Commerce Inc	Technology	Comp Sftwr-Spec Enterprs	2,005	14,878	3.9%	4	81	18	D+
NTCT	Netscout Systems Inc	Technology	Computer Sftwr-Database	1,469	15,332	2.1%	4	85	13	C
ANSS	Ansys Inc	Technology	Computer Sftwr-Design	27,212	1,52,480	1.8%	5	76	25	D-
BSY	Bentley Systems Class B	Technology	Computer Sftwr-Design	14,002	67,346	3.7%	6	91	21	D+
CDNS	Cadence Design Systems	Technology	Computer Sftwr-Design	71,211	4,52,086	1.2%	4	84	39	D-
DUOL	Duolingo Inc Cl A	Technology	Computer Sftwr-Edu/Media	6,096	1,24,947	6.1%	7	81	19	D
DOCN	Digitalocean Holdings	Technology	Computer Sftwr-Enterprse	2,881	37,220	11.7%	3	99	28	C
CXM	Sprinklr Inc Cl A	Technology	Computer Sftwr-Enterprse	1,402	21,198	7.6%	7	79	9	C
AZPN	Aspen Technology Inc	Technology	Computer Sftwr-Enterprse	11,951	34,809	2.1%	5	91	28	D
AKAM	Akamai Technologies Inc	Technology	Computer Sftwr-Enterprse	14,724	1,55,094	4.8%	4	91	19	C-
DAY	Dayforce Inc	Technology	Computer Sftwr-Enterprse	8,216	97,990	10.9%	5	97	12	D-
NET	Cloudflare Inc Cl A	Technology	Computer Sftwr-Enterprse	22,842	2,25,272	3.3%	5	81	43	C-
PCTY	Paylocity Holding Corp	Technology	Computer Sftwr-Enterprse	8,214	81,729	5.0%	6	99	13	C
INFA	Informatica Inc Cl A	Technology	Computer Sftwr-Enterprse	6,108	37,086	2.3%	6	96	24	E
WDAY	Workday Inc Cl A	Technology	Computer Sftwr-Enterprse	47,847	6,21,955	2.3%	8	98	19	C
SHOP	Shopify Inc Cl A	Technology	Computer Sftwr-Enterprse	70,598	5,83,774	1.6%	7	98	19	C-
SNOW	Snowflake Inc Cl A	Technology	Computer Sftwr-Enterprse	42,493	8,85,935	4.1%	7	44	10	D-
NTNX	Nutanix Inc Class A	Technology	Computer Sftwr-Enterprse	11,947	1,53,433	2.0%	6	80	61	E
TWLO	Twilio Inc Cl A	Technology	Computer Sftwr-Enterprse	10,016	1,29,404	1.5%	5	81	21	C
CCCS	CCC Intelligent Sol Hldg	Technology	Computer Sftwr-Enterprse	6,870	52,218	2.1%	6	74	28	C
FRSH	Freshworks Inc Cl A	Technology	Computer Sftwr-Enterprse	2,894	27,787	7.9%	5	81	7	C+
NTES	Netease Inc Adr	Technology	Computer Sftwr-Gaming	61,539	1,60,389	1.2%	4	92	22	C-
FTNT	Fortinet Inc	Technology	Computer Sftwr-Security	43,548	2,88,881	2.6%	4	98	16	D
NICE	Nice Ltd Ads	Technology	Computer Sftwr-Security	12,098	1,38,347	3.7%	7	94	17	D
VRSN	Verisign Inc	Technology	Computer Sftwr-Security	17,614	1,21,902	2.4%	4	86	17	E
QLYS	Qualys Inc	Technology	Computer Sftwr-Security	5,311	57,004	10.2%	7	98	15	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
RAMP	Liveramp Holdings Inc	Technology	Computer-Tech Services	2,001	21,185	2.5%	8	91	22	D
JBL	Jabil Inc	Technology	Elec-Contract Mfg	13,350	1,84,976	4.6%	7	80	21	D+
RMBS	Rambus Inc	Technology	Elec-Semiconductor Fablss	6,330	74,381	3.3%	2	99	35	C-
MBLY	Mobileye Global Inc Cl A	Technology	Elec-Semiconductor Fablss	2,061	83,090	16.5%	3	66	8	C
LSCC	Lattice Semiconductor	Technology	Elec-Semiconductor Fablss	7,386	1,20,094	7.2%	5	75	10	D-
ALGM	Allegro Microsystems Inc	Technology	Elec-Semiconductor Fablss	4,712	34,439	10.1%	3	75	11	E
MRVL	Marvell Technology Inc	Technology	Elec-Semiconductor Fablss	54,373	7,11,338	4.4%	3	69	48	C-
SLAB	Silicon Laboratories Inc	Technology	Elec-Semiconductor Fablss	3,604	35,033	4.8%	4	4	27	C-
ACMR	Acm Research Inc Cl A	Technology	Elec-Semiconductor Equip	1,056	23,663	10.2%	2	99	28	C-
TOELY	Tokyo Electron Ltd Ads	Technology	Elec-Semiconductor Equip	1,75,711	10,644	0.0%	2	45	61	C-
PLAB	Photronics Inc	Technology	Elec-Semiconductor Equip	1,590	12,867	3.5%	6	88	35	D-
STM	StmicroelectronicsNV Adr	Technology	Elec-Semiconductor Mfg	31,458	1,27,026	1.5%	3	67	19	C
MCHP	Microchip Tech	Technology	Elec-Semiconductor Mfg	45,474	5,23,671	4.9%	4	54	35	D+
ON	ON Semiconductor Corp	Technology	Elec-Semiconductor Mfg	29,260	3,91,039	5.8%	3	76	21	C
ARW	Arrow Electronics Inc	Technology	Electronic-Parts	6,390	53,537	3.9%	3	58	27	D-
BIDU	Baidu Inc Ads	Technology	Internet-Content	25,266	3,44,936	3.2%	4	90	12	D+
WB	Weibo Corp Cl A Ads	Technology	Internet-Content	1,151	13,633	11.8%	4	30	13	C+
RCI	Rogers Communicatns Cl B	Technology	Telecom Svcs- Foreign	15,614	32,344	1.5%	6	67	19	D-
AAL	American Airlines Group	Transportation	Transportation-Airline	6,922	3,55,546	17.0%	4	5	9	C-
LUV	Southwest Airlines Co	Transportation	Transportation-Airline	16,326	2,58,295	7.7%	4	32	19	D-
RYAAY	Ryanair Hldgs Plc Adr	Transportation	Transportation-Airline	22,524	71,674	1.6%	7	8	13	E
ALK	Alaska Air Group Inc	Transportation	Transportation-Airline	4,921	71,491	7.4%	4	14	23	D-
ZTO	Zto Express Ads Cl A	Transportation	Transportation-Logistics	15,383	59,456	3.0%	5	81	19	C-
NSC	Norfolk Southern Corp	Transportation	Transportation-Rail	50,997	2,57,153	1.2%	4	50	28	D-
CNI	Canadian Natl Ry Co	Transportation	Transportation-Rail	73,069	1,39,400	0.6%	6	70	27	E
KNX	Knight-Swift Trans Hldg	Transportation	Transportation-Truck	8,682	95,320	3.7%	3	19	22	C
JBHT	Hunt J B Trans Svcs Inc	Transportation	Transportation-Truck	17,729	1,50,352	1.6%	4	49	19	C+

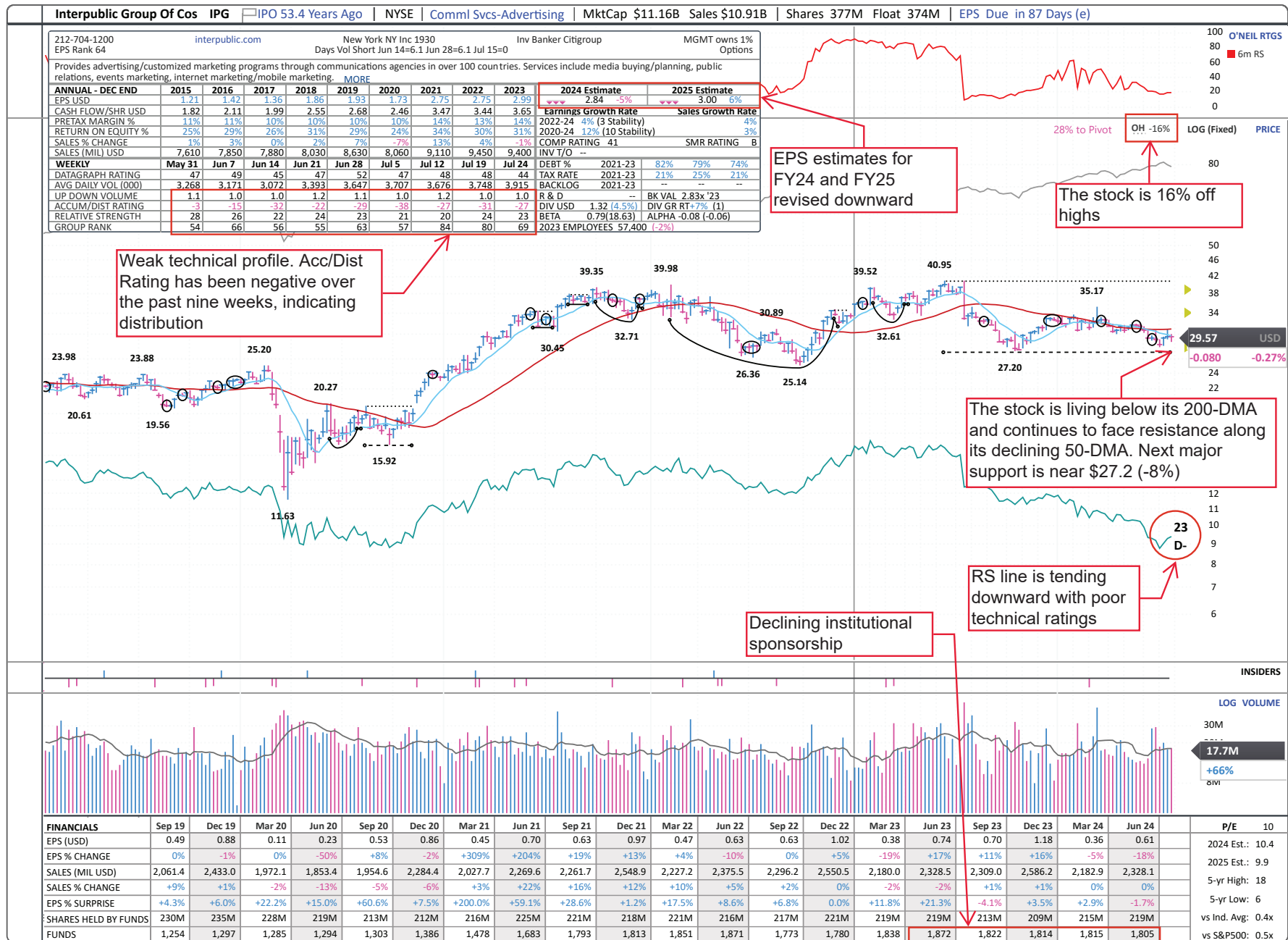
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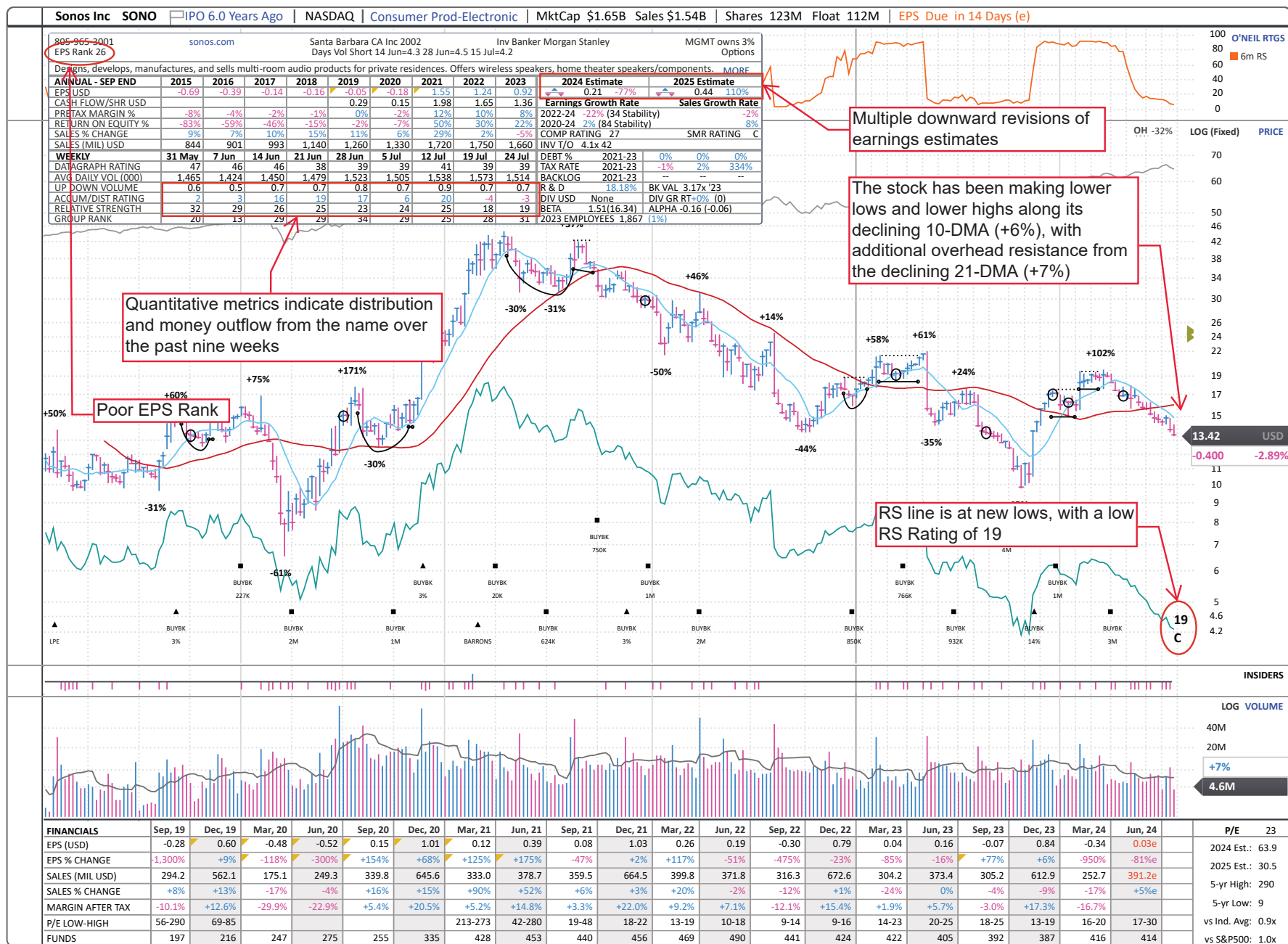
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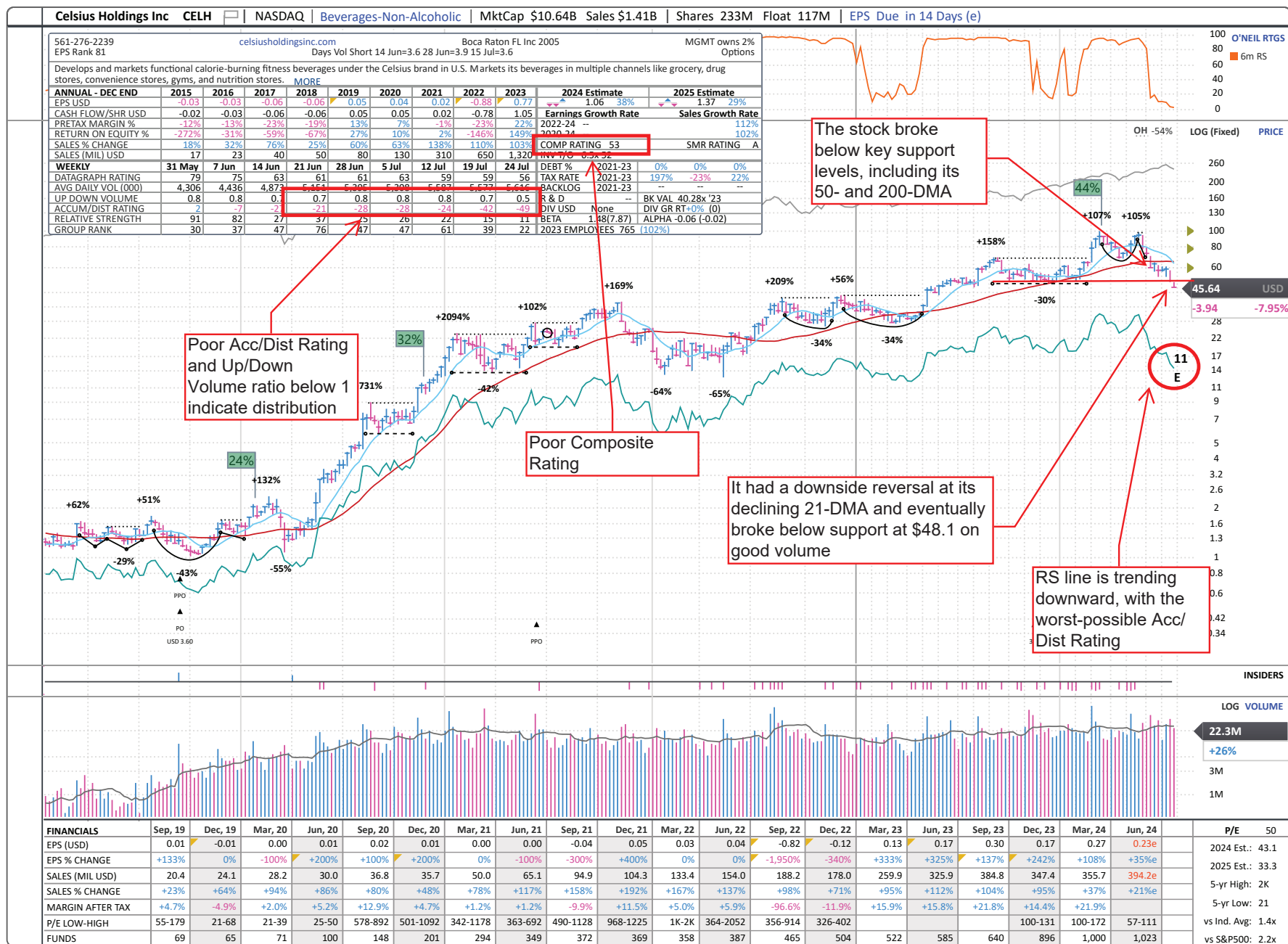
U.S.—Capital Equipment—Highlighted Laggard



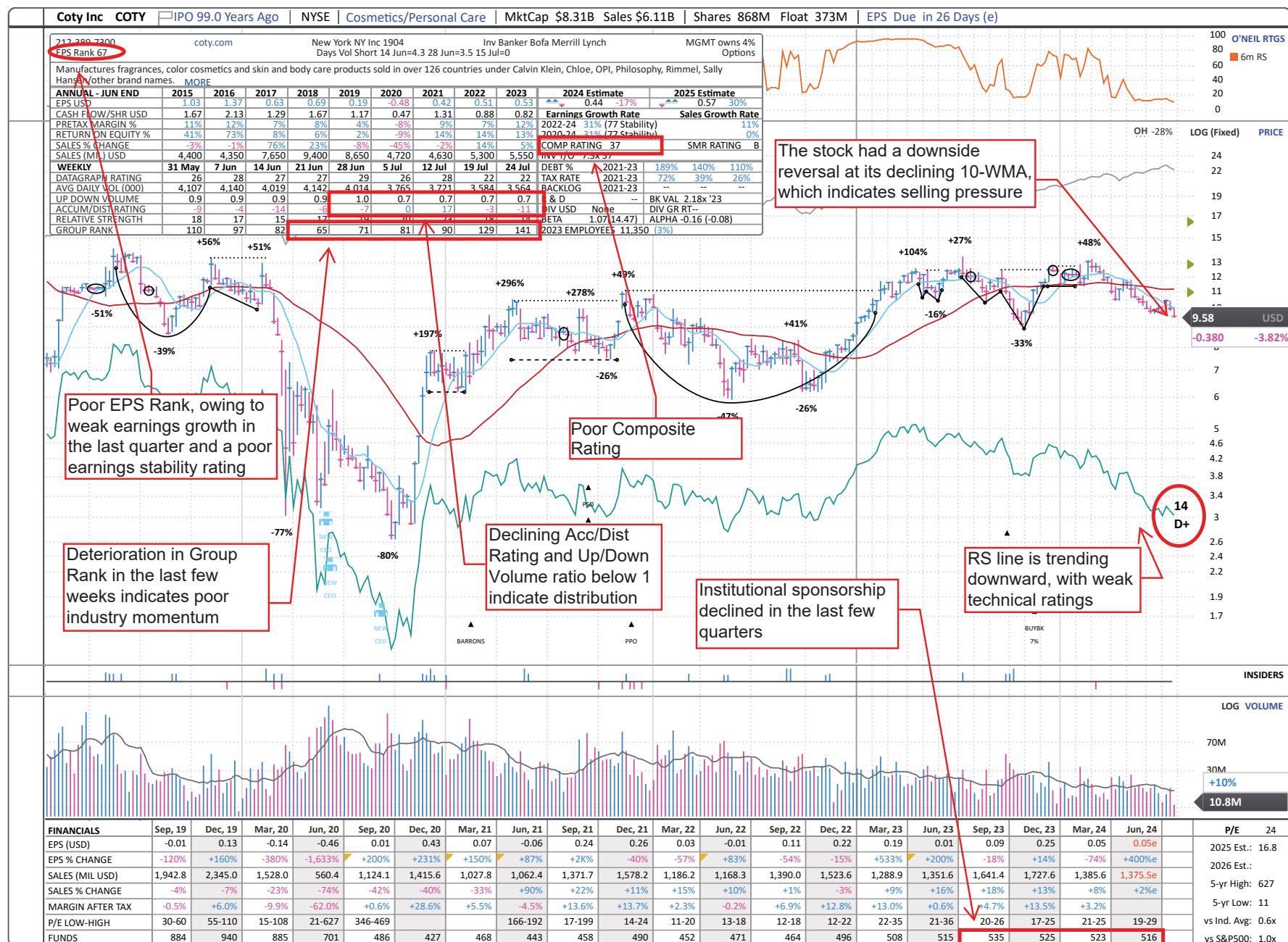
U.S. — Consumer Cyclical — Highlighted Laggard



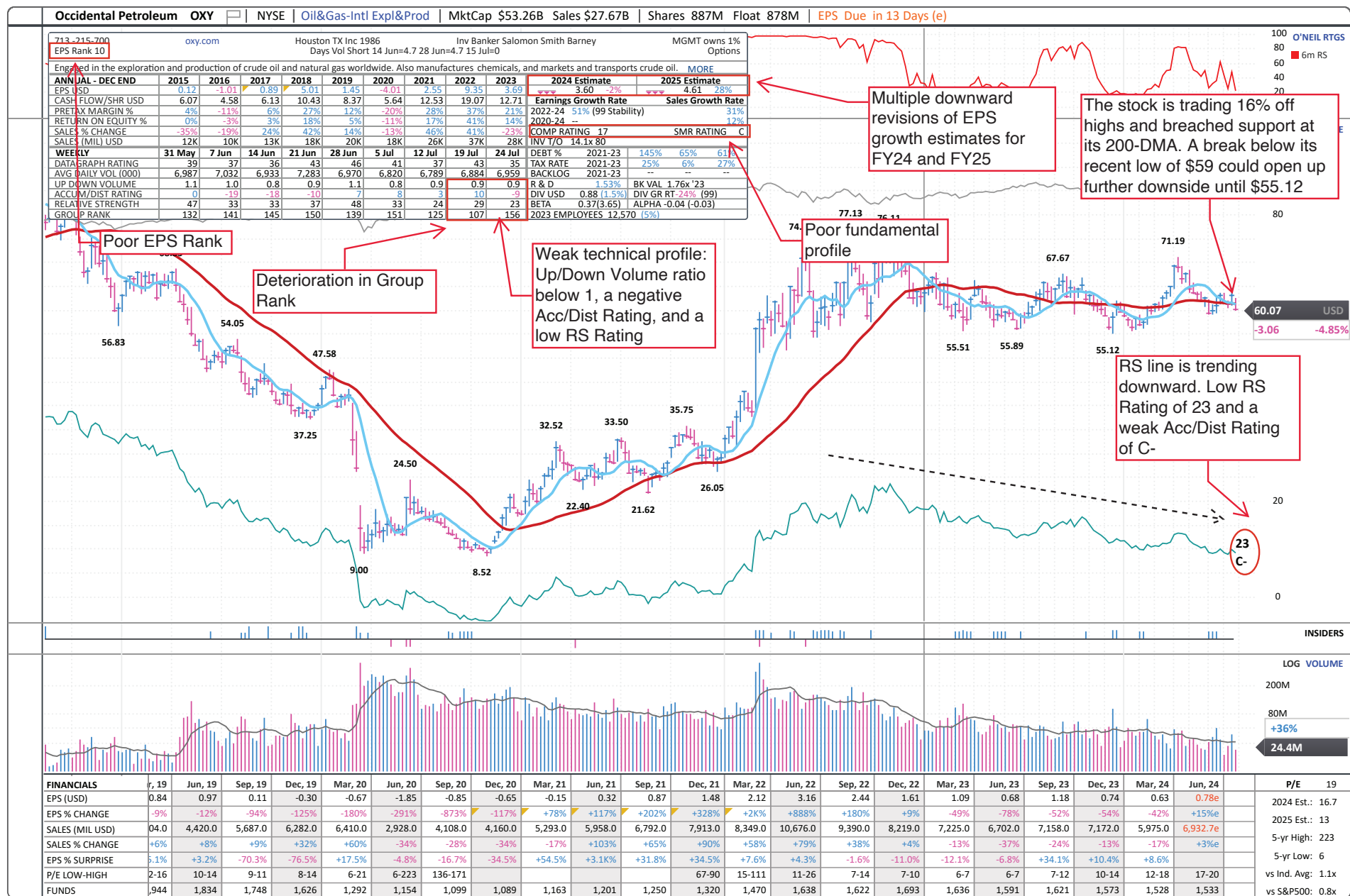
U.S. — Consumer Staple — Highlighted Laggard



U.S. — Consumer Staple — Highlighted Laggard



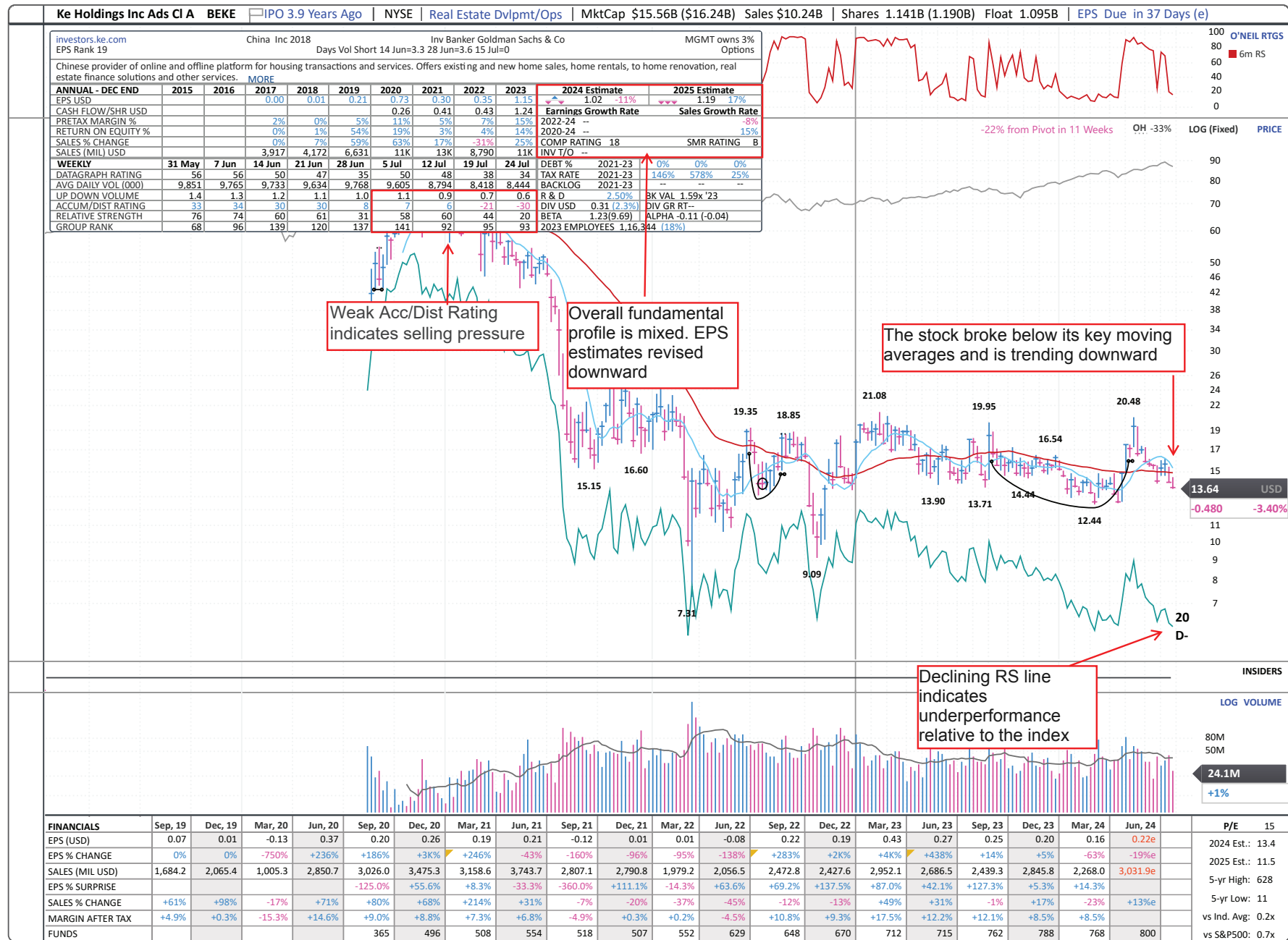
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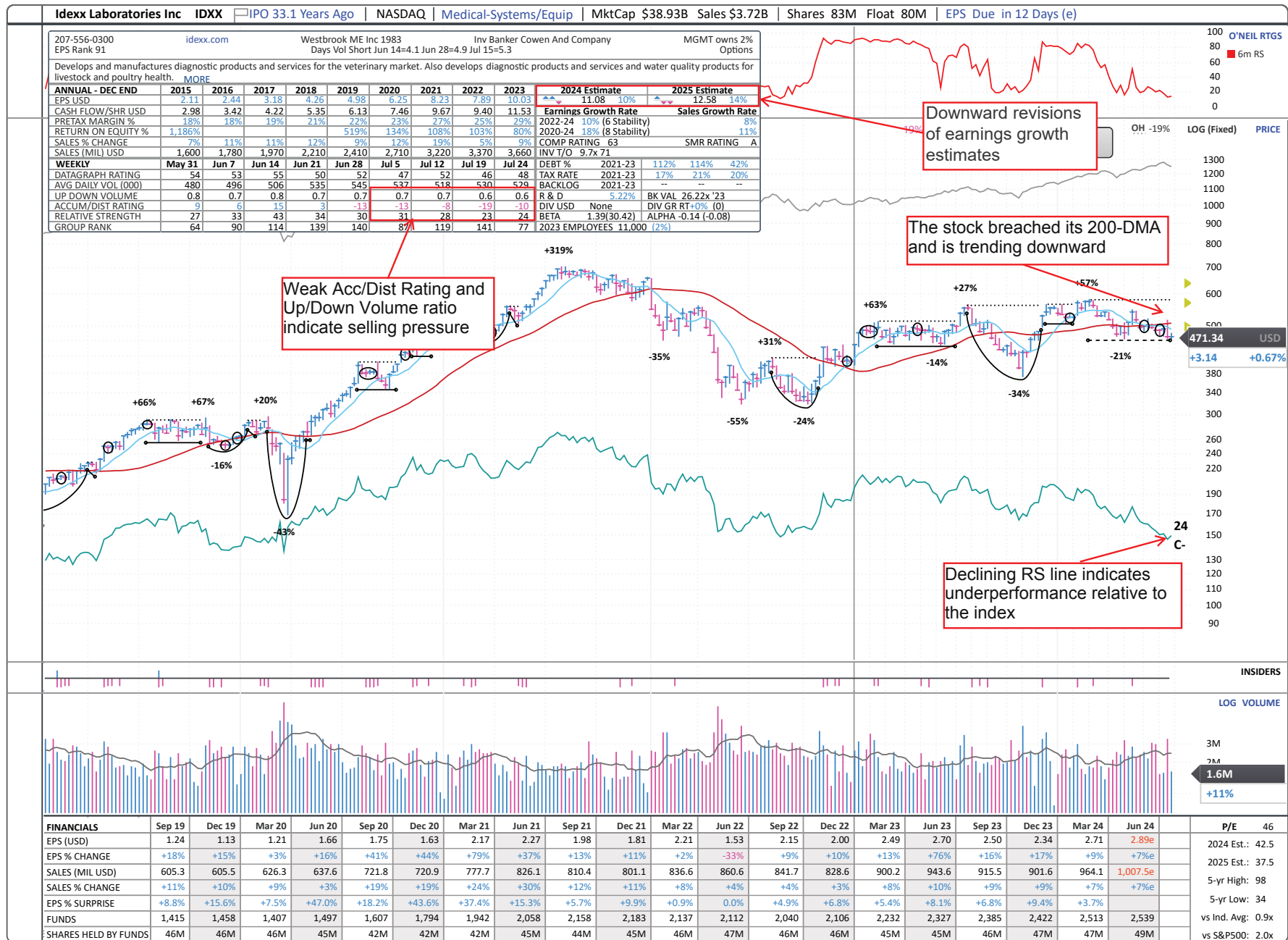
PANARAY® 2024 WILLIAM O'NEIL + CO. INC.

Occidental Petroleum (OXY) Weekly as of WED 24 July 2024

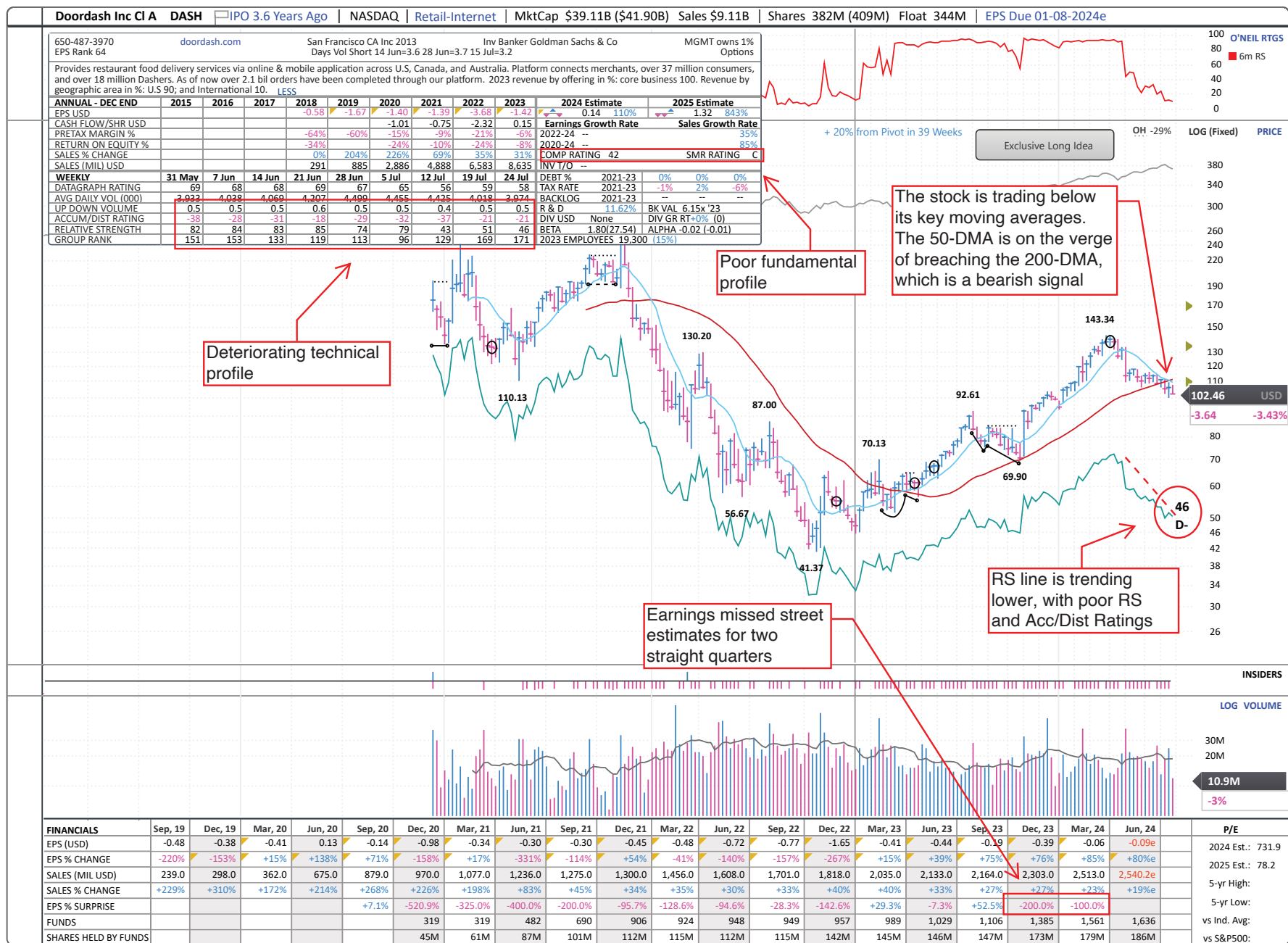
U.S.—Financial—Highlighted Laggard



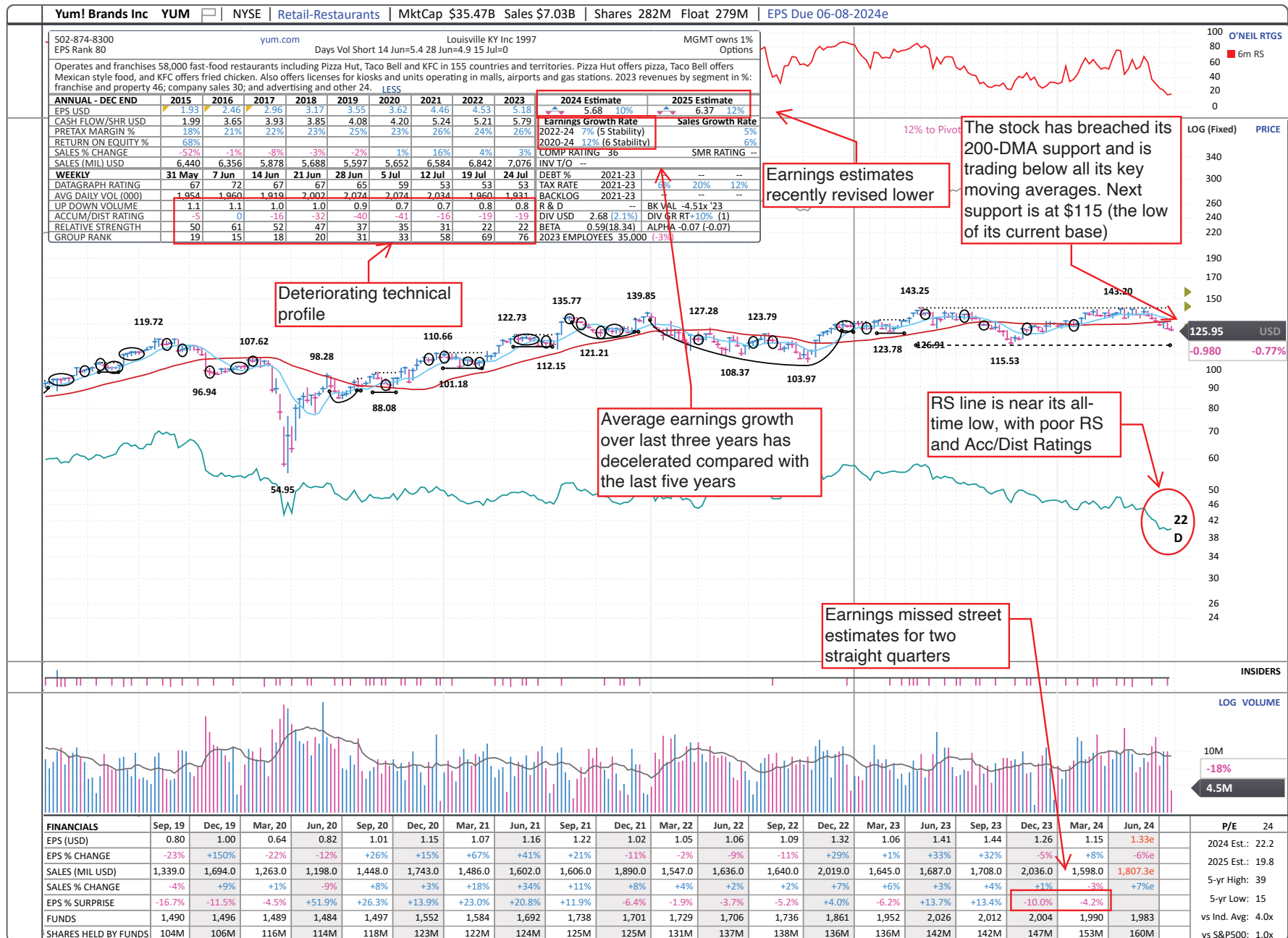
U.S. — Health Care — Highlighted Laggard



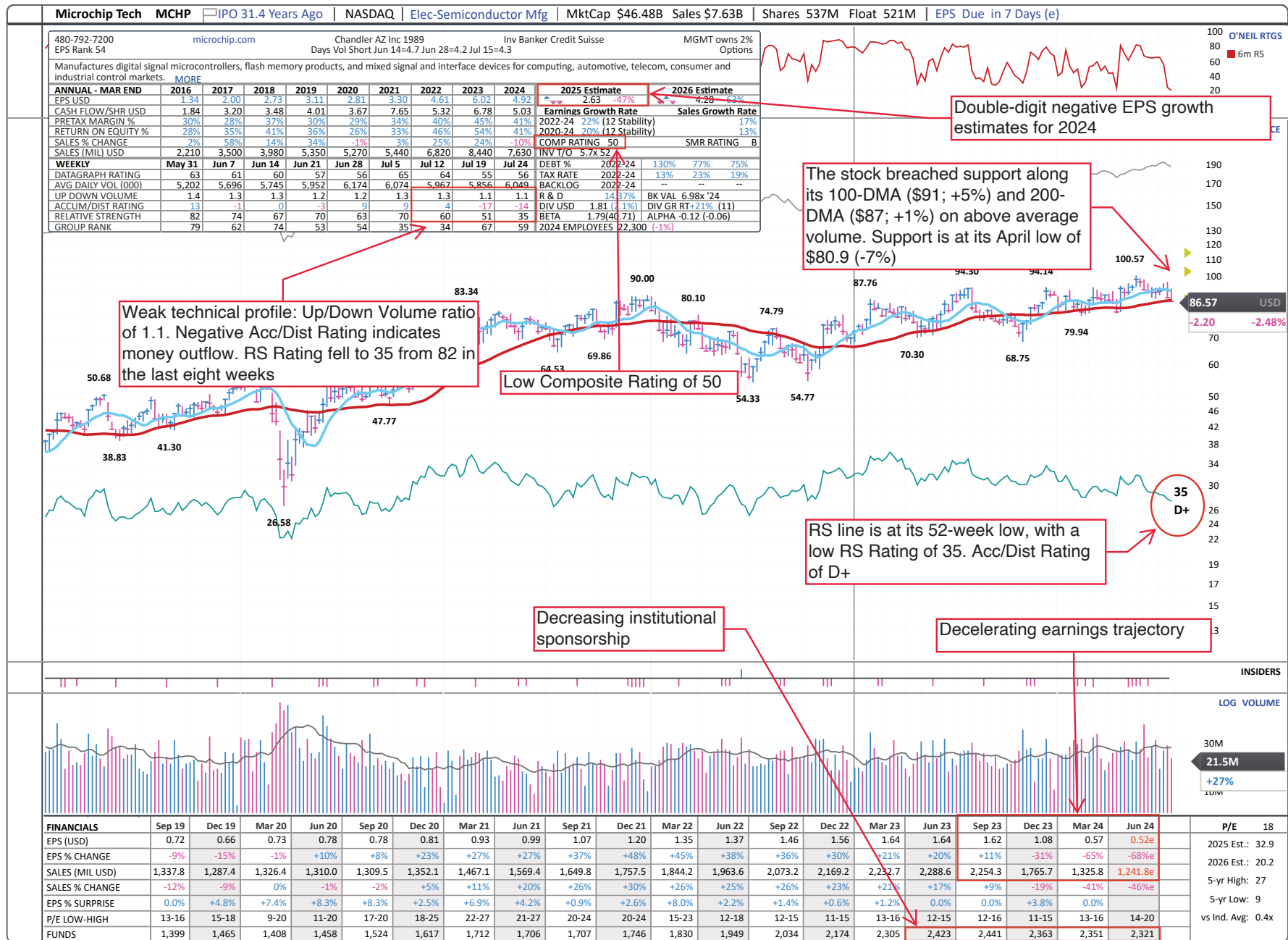
U.S. — Retail — Highlighted Laggard



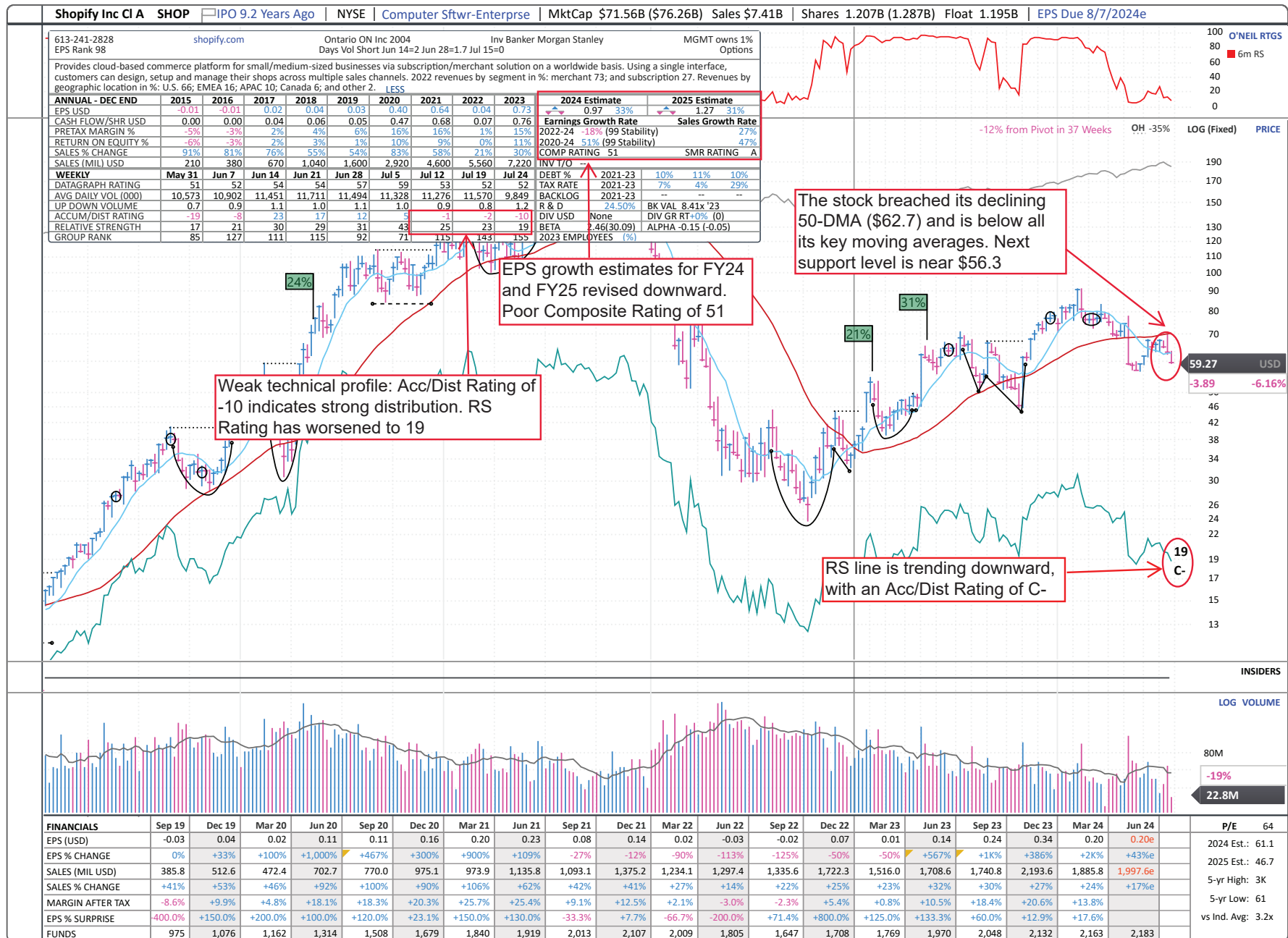
U.S. — Retail — Highlighted Laggard



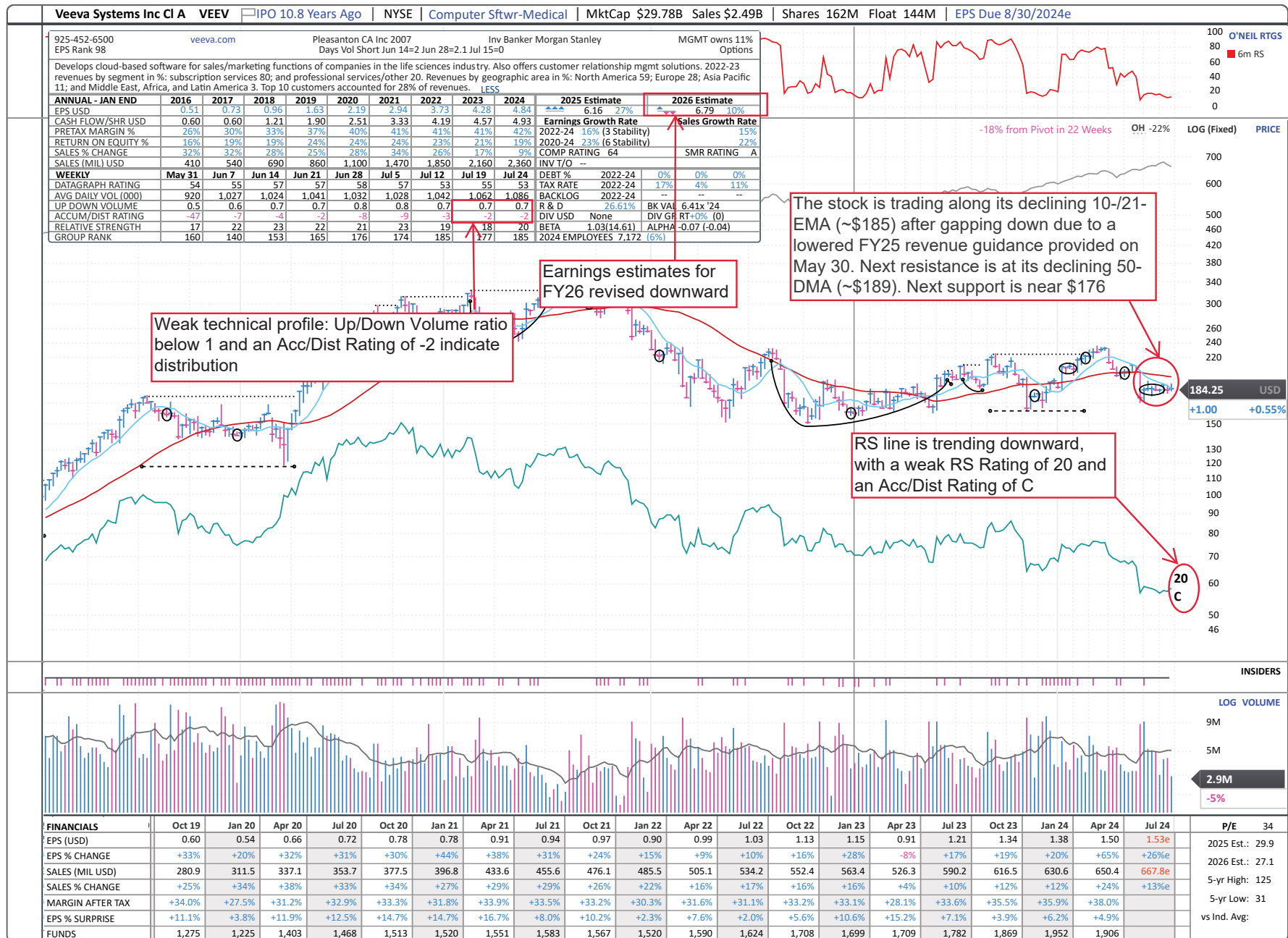
U.S. — Technology — Highlighted Laggard



U.S. — Technology — Highlighted Laggard



U.S. — Technology — Highlighted Laggard



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
BHP.AU	Bhp Group	Australia	Basic Material	Mining-Metal Ores	1,38,186	2,21,373	5	48	42	E
LYC.AU	Lynas Rare Earths	Australia	Basic Material	Mining-Metal Ores	3,741	14,577	4	59	44	D+
S32.AU	South32	Australia	Basic Material	Mining-Metal Ores	8,719	34,606	3	19	36	D+
RHC.AU	Ramsay Health Care	Australia	Health Care	Medical-Hospitals	7,064	16,187	3	95	38	D-
MTS.AU	Metcash	Australia	Retail	Wholesale-Food	2,571	10,632	5	68	48	D-
SQ2.AU	Block Cdi	Australia	Technology	Computer-Tech Services	34,415	11,605	5	84	58	C
SEK.AU	Seek	Australia	Technology	Internet-Content	4,768	16,405	4	54	34	D
CAIM.AT	Ca Im.Anlagen	Austria	Financial	Real Estate Dvlpmnt/Ops	3,514	15,429	8	8	45	C
ABI.BE	Anheuser-Busch Inbev	Belgium	Consumer Staple	Beverages-Alcoholic	1,08,604	85,041	4	51	57	C
AZE.BE	Azelis Group	Belgium	Financial	Finance-Investment Mgmt	4,717	4,824	5	79	17	D-
CAE.CA	Cae	Canada	Capital Equipment	Aerospace/Defense	5,678	12,865	3	19	34	C-
DOO.CA	Brp	Canada	Consumer Cyclical	Leisure-Products	2,369	15,412	3	69	40	D
QBR/B.CA	Quebecor 'B'	Canada	Technology	Telecom Svcs-Integrated	3,332	18,186	5	97	44	D-
RCI/B.CA	Rogers Comms.'B'	Canada	Technology	Telecom Svcs-Wireless	15,651	58,416	6	36	38	E
AC.CA	Air Canada Vtg.&.Var. Vtg.Shs.	Canada	Transportation	Transportation-Airline	4,169	22,111	4	27	26	E
CAB.DK	Carlsberg B	Denmark	Consumer Staple	Beverages-Alcoholic	12,816	29,816	5	8	28	C
VEW.DK	Vestas Windsystems	Denmark	Energy	Energy-Alternative/Other	23,628	50,761	6	20	26	C-
WDH.DK	Demant	Denmark	Health Care	Medical-Systems/Equip	8,226	11,376	6	71	19	C-
DSB.DK	A P Moller Maersk B	Denmark	Transportation	Transportation-Ship	9,525	46,476	4	42	43	E
EGR.FI	Stora Enso R	Finland	Basic Material	Paper & Paper Products	7,890	18,704	3	16	57	D-
UPM.FI	Upm-Kymmene	Finland	Basic Material	Paper & Paper Products	17,471	28,930	5	39	37	D
OTE1.FI	Metso Corporation	Finland	Capital Equipment	Machinery-Gen Industrial	8,225	12,066	5	86	30	D
AKE.FR	Arkema	France	Basic Material	Chemicals-Specialty	6,813	13,736	6	35	22	C-
AIRS.FR	Airbus	France	Capital Equipment	Aerospace/Defense	1,12,299	1,69,444	6	67	25	E
CSF.FR	Thales	France	Capital Equipment	Aerospace/Defense	33,126	34,239	3	90	39	D-
FGR.FR	Eiffage	France	Capital Equipment	Bldg-Heavy Construction	9,717	26,813	7	87	32	D+
ENT.FR	Bouygues	France	Capital Equipment	Bldg-Heavy Construction	13,212	28,509	6	41	28	E
DG@F.FR	Vinci	France	Capital Equipment	Bldg-Heavy Construction	67,385	1,25,060	7	82	32	D-
RMS.FR	Hermes Intl.	France	Consumer Cyclical	Apparel-Clothing Mfg	2,33,618	1,21,862	4	96	48	E
LVMH.FR	Lvmh	France	Consumer Cyclical	Apparel-Clothing Mfg	3,57,927	2,48,350	4	83	21	E
OR@F.FR	L'Oreal	France	Consumer Staple	Cosmetics/Personal Care	2,31,120	1,25,569	5	91	28	E
BSN.FR	Danone	France	Consumer Staple	Food-Dairy Products	42,924	72,552	5	32	39	D
FP.FR	Totalenergies	France	Energy	Oil&Gas-Integrated	1,62,534	2,33,676	5	94	43	D
EUF.FR	Eurofins Scien.	France	Health Care	Medical-Research Eqp/Svc	10,455	26,443	5	54	24	C+
DIM.FR	Sartorius Stedim Biotech	France	Health Care	Medical-Systems/Equip	17,076	18,915	5	37	12	D

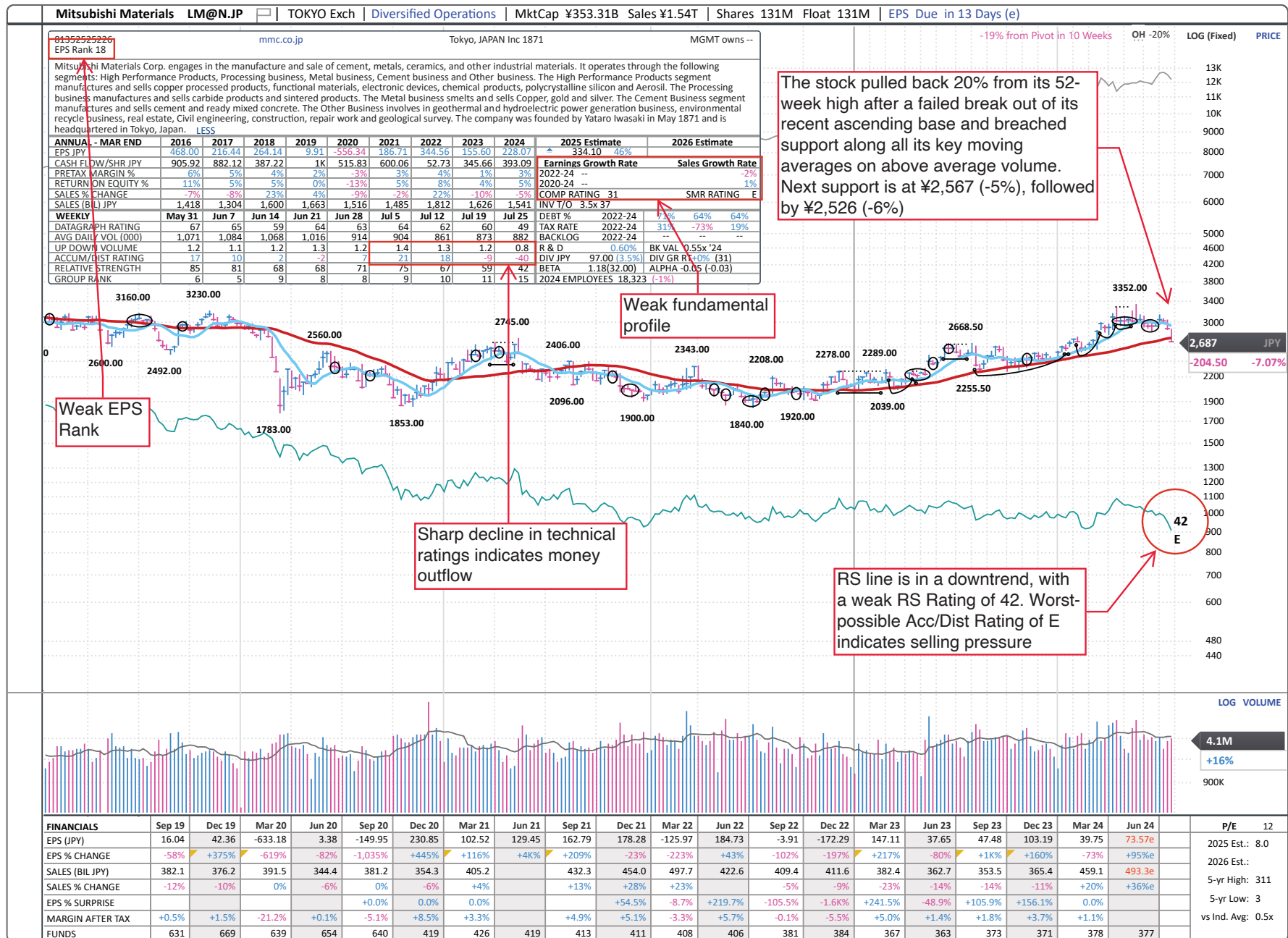
Symbol	Name	Trading Country	Sector Name	Industry Group Name	Market Value, USD (Mil)	Avg Daily Dollar Vol (000), USD	Negative Alert Score, 10 Wks	EPS Rank	RS Rating	A/D Rating
VIE.FR	Veolia Environ	France	Utility	Utility-Water Supply	22,508	61,887	6	59	43	D-
BNRX.DE	Brenntag (Xet)	Germany	Basic Material	Chemicals-Specialty	10,233	26,392	7	80	21	D-
PAH3X.DE	Porsche Aml.Hldg. (Xet) Pref.	Germany	Consumer Cyclical	Auto Manufacturers	6,849	34,047	5	63	19	E
TUI1X.DE	Tui (Xet)	Germany	Consumer Cyclical	Leisure-Lodging	3,312	28,136	3	32	36	E
AFXX.DE	Carl Zeiss Meditec (Xet)	Germany	Health Care	Medical-Products	5,941	13,771	6	66	7	E
SRT3X.DE	Sartorius Pref. (Xet)	Germany	Health Care	Medical-Research Eqp/Svc	9,248	27,130	5	31	13	C+
DHLX.DE	Deutsche Post (Xet)	Germany	Transportation	Transport-Air Freight	51,977	1,04,405	5	65	36	D+
SZIN.HK	Shenzhou Intl.Gp.Hdg.	Hong Kong	Consumer Cyclical	Apparel-Clothing Mfg	12,820	36,487	5	71	40	E
ANIT.HK	Anta Sports Products	Hong Kong	Consumer Cyclical	Apparel-Shoes & Rel Mfg	25,173	58,473	4	98	31	D-
YNCL.HK	Yankuang Energy Grp Co Ltd	Hong Kong	Energy	Energy-Coal	5,041	53,382	4	58	45	D+
HKEX.HK	Hong Kong Exs. & Clear.	Hong Kong	Financial	Financial Svcs-Specialty	37,340	1,53,414	4	67	38	C-
FOSN.HK	Fosun International	Hong Kong	Financial	Insurance-Brokers	4,228	1,409	4	85	36	D+
WUXA.HK	Wuxi Apptec Co	Hong Kong	Health Care	Medical-Biomed/Biotech	1,437	24,659	4	95	6	B-
WISH.HK	China Traditional Chinese Medicine	Hong Kong	Health Care	Medical-Diversified	2,180	11,487	5	90	42	D-
CPHA.HK	Cspc Pharmaceutical Gp	Hong Kong	Health Care	Medical-Diversified	8,869	32,383	3	74	55	C+
BOSI.HK	Bosideng Intl.Holdings	Hong Kong	Retail	Retail-Apparel/Shoes/Acc	5,356	20,934	3	99	65	C-
SPHL.HK	Sinopharm Group 'H'	Hong Kong	Retail	Retail-Drug Stores	3,158	13,775	5	89	45	D+
KINC.HK	Kingboard Holdings	Hong Kong	Technology	Electronic-Parts	2,254	11,031	3	43	55	D+
OROC.HK	Orient Overseas (Intl.)	Hong Kong	Transportation	Transportation-Ship	8,828	18,816	4	55	55	D-
IWAI.HK	China Gas Holdings.	Hong Kong	Utility	Utility-Gas Distribution	4,796	11,430	4	69	47	E
ESLT.IL	Elbit Systems	Israel	Capital Equipment	Aerospace/Defense	8,250	11,220	4	66	11	E
ARPT.IL	Airport City	Israel	Financial	Real Estate Dvlpmnt/Ops	1,795	3,177	5	46	25	C
TEN.IT	Tenaris	Italy	Basic Material	Steel-Producers	18,185	40,604	7	83	26	D+
MONC.IT	Moncler	Italy	Consumer Cyclical	Apparel-Clothing Mfg	16,231	41,816	4	87	29	E
ERG.IT	Erg	Italy	Energy	Energy-Alternative/Other	3,915	12,768	5	95	34	D+
NEXI.IT	Nexi	Italy	Financial	Financial Svcs-Specialty	7,962	24,330	3	9	29	D-
AMP.IT	Amplifon	Italy	Health Care	Medical-Systems/Equip	7,356	18,457	3	76	44	D-
STM.IT	Stmicroelectronics (Mil)	Italy	Technology	Elec-Semiconductor Mfg	36,623	98,420	3	60	28	D
NPPT.JP	Nippon Paint Holdings	Japan	Basic Material	Chemicals-Paints	14,016	19,891	5	85	11	E
JFEH.JP	Jfe Holdings	Japan	Basic Material	Steel-Producers	8,836	59,371	6	71	29	E
BS@N.JP	Kobe Steel	Japan	Basic Material	Steel-Producers	4,667	42,099	5	69	52	C-
NV@N.JP	Yamato Kogyo	Japan	Basic Material	Steel-Producers	3,238	11,883	4	89	57	E
NSSM.JP	Nippon Stl. & Sumit.Mtl.	Japan	Basic Material	Steel-Producers	20,273	84,186	6	52	31	D-
SZ@N.JP	Shimizu	Japan	Capital Equipment	Bldg-Heavy Construction	4,238	32,645	6	21	17	C-
DENN.JP	Dentsu	Japan	Capital Equipment	Comm Svcs-Advertising	6,819	23,852	4	6	21	D+
TYTS.JP	Toyota Tsusho	Japan	Capital Equipment	Diversified Operations	19,671	45,610	5	90	35	D
LM@N.JP	Mitsubishi Materials	Japan	Capital Equipment	Diversified Operations	2,271	15,921	4	18	42	E

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FECL.JP	Fuji Electric	Japan	Capital Equipment	Electrical-Power/Equipmt	7,554	40,887	2	90	57	D
GSYU.JP	Gs Yuasa	Japan	Capital Equipment	Electrical-Power/Equipmt	1,696	11,317	2	87	48	E
YE@N.JP	Yaskawa Electric	Japan	Capital Equipment	Electrical-Power/Equipmt	8,592	50,623	6	67	10	C
TMCL.JP	Takeuchi Mnfg.	Japan	Capital Equipment	Machinery-Constr/Mining	1,502	10,201	3	95	29	E
KU@N.JP	Kubota	Japan	Capital Equipment	Machinery-Constr/Mining	16,335	45,325	6	83	31	D+
THAK.JP	Thk	Japan	Capital Equipment	Machinery-Gen Industrial	2,256	11,132	4	74	15	C
OZ@N.JP	Sumitomo Heavy Inds.	Japan	Capital Equipment	Machinery-Gen Industrial	3,115	10,142	2	34	45	C-
HSZK.JP	Hoshizaki	Japan	Capital Equipment	Machinery-Gen Industrial	4,361	15,909	6	37	15	D-
EB@N.JP	Ebara	Japan	Capital Equipment	Machinery-Gen Industrial	6,097	43,496	4	96	81	E
SMCC.JP	Smc	Japan	Capital Equipment	Machinery-Mtl Hdlg/Autmn	30,313	95,659	4	63	19	D-
DFUK.JP	Daifuku	Japan	Capital Equipment	Machinery-Mtl Hdlg/Autmn	6,417	35,139	6	83	13	D-
DU@N.JP	Fanuc	Japan	Capital Equipment	Machinery-Mtl Hdlg/Autmn	25,980	77,718	3	41	24	D
JORT.JP	Organo	Japan	Capital Equipment	Pollution Control	1,990	13,379	2	98	85	C-
KP@N.JP	Secom	Japan	Capital Equipment	Security/Sfty	13,980	35,867	6	54	13	D-
TYMO.JP	Toyota Motor	Japan	Consumer Cyclical	Auto Manufacturers	3,06,571	4,90,401	5	97	55	D
HO@N.JP	Honda Motor	Japan	Consumer Cyclical	Auto Manufacturers	53,786	1,79,089	6	91	35	E
NR@N.JP	Nissan Motor	Japan	Consumer Cyclical	Auto Manufacturers	12,499	83,100	4	12	8	E
TYAL.JP	Toyota Inds.	Japan	Consumer Cyclical	Auto Manufacturers	25,947	37,471	5	50	45	D
FJ@N.JP	Subaru	Japan	Consumer Cyclical	Auto Manufacturers	14,068	55,407	4	92	38	D-
NSKC.JP	Nsk	Japan	Consumer Cyclical	Auto/Truck-Original Eqp	2,489	11,621	5	17	19	D
DE@N.JP	Denso	Japan	Consumer Cyclical	Auto/Truck-Original Eqp	48,433	91,795	4	58	29	D
PF@N.JP	Koito Manufacturing	Japan	Consumer Cyclical	Auto/Truck-Original Eqp	4,240	23,449	3	15	24	D
TYTR.JP	Toyo Tire & Rub.	Japan	Consumer Cyclical	Auto/Truck-Tires & Misc	2,373	13,748	3	99	45	E
YORU.JP	Yokohama Rubber	Japan	Consumer Cyclical	Auto/Truck-Tires & Misc	3,630	14,868	6	94	38	D
BR@N.JP	Bridgestone	Japan	Consumer Cyclical	Auto/Truck-Tires & Misc	27,677	62,462	5	68	31	C-
AG@N.JP	AGC Inc	Japan	Consumer Cyclical	Bldg-Constr Prds/Misc	7,219	28,041	6	17	29	C-
LIXI.JP	Lixil Group	Japan	Consumer Cyclical	Bldg-Constr Prds/Misc	3,225	18,945	5	7	35	E
YM@N.JP	Yamaha Motor	Japan	Consumer Cyclical	Leisure-Products	9,318	37,761	3	70	42	C
NGYR.JP	Nagoya Railroad	Japan	Consumer Cyclical	Leisure-Services	2,249	10,707	6	25	7	D-
WJR.JP	West Japan Railway	Japan	Consumer Cyclical	Leisure-Services	8,975	36,688	5	16	31	D
JR@N.JP	Tokyu	Japan	Consumer Cyclical	Leisure-Services	7,163	21,446	6	78	45	D+
KFGI.JP	Kyushu Financial Gp.	Japan	Financial	Banks-Money Center	2,573	10,895	5	86	35	D
AIFU.JP	Aiful	Japan	Financial	Finance-Consumer Loans	1,159	5,717	6	92	24	D+
TOAF.JP	Sysmex	Japan	Health Care	Medical-Systems/Equip	9,758	21,236	4	79	21	C-
LARK.JP	Skylark	Japan	Retail	Retail-Restaurants	2,967	23,173	8	65	24	D-
SSHI.JP	Sushiro Global Hdg.	Japan	Retail	Retail-Restaurants	1,882	22,217	6	57	17	E
SEVI.JP	Seven & I Hdg.	Japan	Retail	Retail-Super/Mini Mkts	29,394	67,127	7	32	15	E

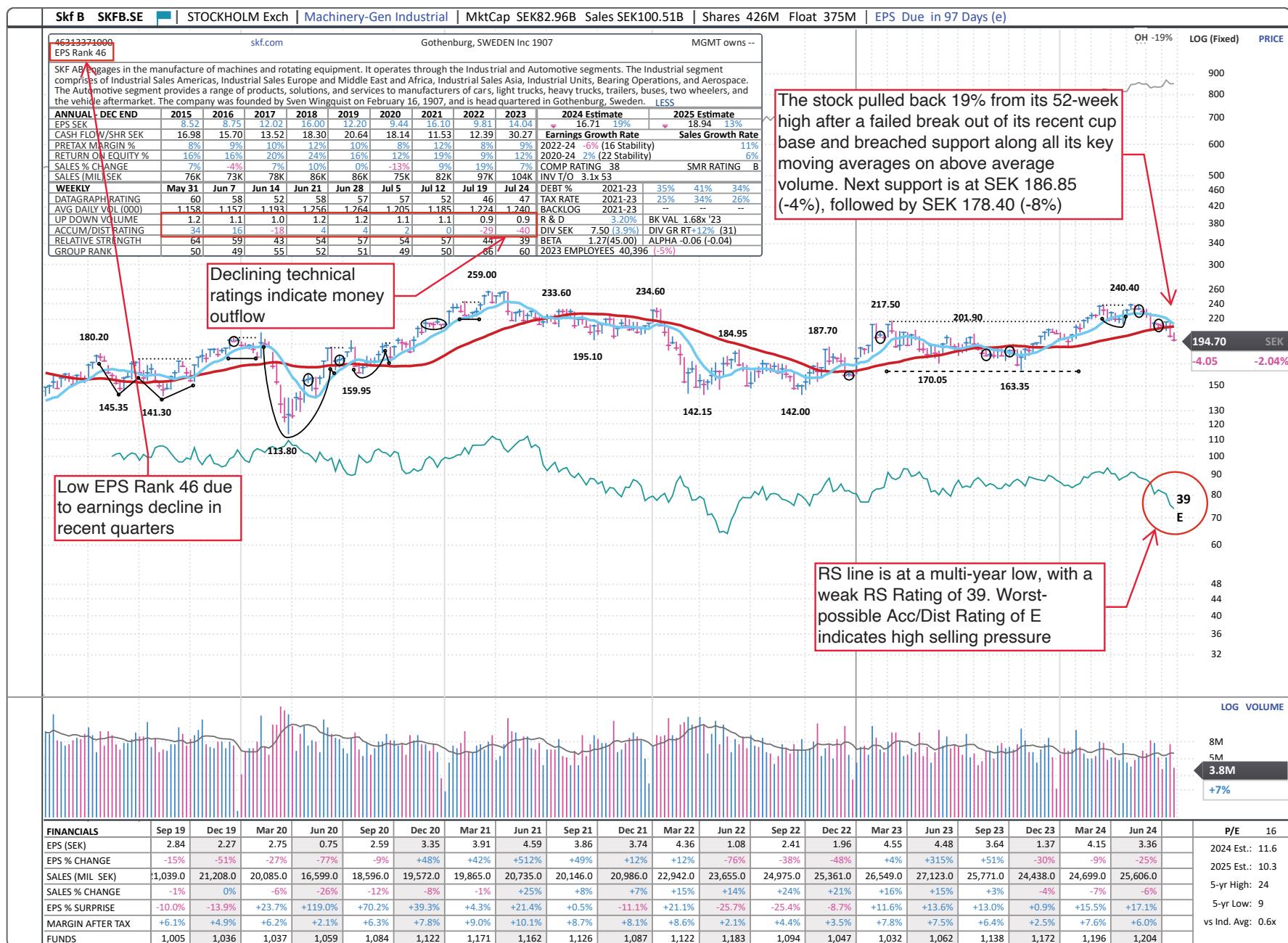
Symbol	Name	Trading Country	Sector Name	Industry Group Name	Market Value, USD (Mil)	Avg Daily Dollar Vol (000), USD	Negative Alert Score, 10 Wks	EPS Rank	RS Rating	A/D Rating
JT@N.JP	Aeon	Japan	Retail	Wholesale-Food	18,644	34,161	4	10	52	C-
RG@N.JP	Tokyo Electron	Japan	Technology	Elec-Semiconductor Equip	87,934	6,04,852	2	84	75	D-
YHOO.JP	Z Holdings Corp	Japan	Technology	Internet-Content	18,068	33,452	4	12	21	C-
NTT.JP	Nippon Telg. & Tel.	Japan	Technology	Telecom Svcs-Integrated	92,008	2,39,289	7	87	19	D-
JAPL.JP	Japan Airlines	Japan	Transportation	Transportation-Airline	6,927	39,175	5	16	10	E
ANAW.JP	Ana Holdings	Japan	Transportation	Transportation-Airline	9,095	29,130	5	14	24	D-
NX@N.JP	Nippon Express Holdings Inc	Japan	Transportation	Transportation-Logistics	4,188	22,642	5	36	12	E
CU@N.JP	Chugoku Elec.Power	Japan	Utility	Utility-Electric Power	2,552	13,741	4	36	38	E
CL@N.JP	Chubu Elec.Power	Japan	Utility	Utility-Electric Power	8,966	32,084	4	26	35	D
TZ@N.JP	Tokyo Gas	Japan	Utility	Utility-Gas Distribution	8,516	30,896	6	40	29	D
AKZA.NL	Akzo Nobel	Netherlands	Basic Material	Chemicals-Paints	10,331	25,940	3	85	7	D-
MT.NL	Arcelormittal	Netherlands	Basic Material	Steel-Producers	19,279	63,580	4	9	8	E
HB.NL	Heineken	Netherlands	Consumer Staple	Beverages-Alcoholic	55,687	54,503	4	55	13	C
HAT.NL	Hal Trust	Netherlands	Financial	Finance-Investment Mgmt	11,103	2,026	3	43	13	C-
AIAY.NZ	Auckland Intl.Airport	New Zealand	Financial	Real Estate Dvlpmt/Ops	6,679	5,343	4	65	41	D-
NHY.NO	Norsk Hydro	Norway	Capital Equipment	Metal Proc & Fabrication	11,132	21,110	4	57	31	D-
MHG.NO	Mowi	Norway	Consumer Staple	Food-Meat Products	8,363	12,662	7	69	33	D-
EQNR.NO	Equinor	Norway	Energy	Oil&Gas-Integrated	73,059	66,276	3	65	25	D
GINT.SG	Genting Singapore Ltd	Singapore	Consumer Cyclical	Leisure-Gaming/Equip	7,549	15,842	3	59	27	C
EZYH.SG	Wilmar Intl.	Singapore	Consumer Staple	Food-Misc Preparation	14,751	11,957	5	64	24	D+
CITY.SG	City Developments	Singapore	Financial	Real Estate Dvlpmt/Ops	3,602	17,827	6	66	15	D-
UL@V.SG	Uol Group	Singapore	Financial	Real Estate Dvlpmt/Ops	3,365	4,421	5	93	25	D
SEMB.SG	Sembcorp Industries	Singapore	Utility	Utility-Diversified	6,163	10,946	6	56	24	C-
ANA.ES	Acciona	Spain	Capital Equipment	Bldg-Heavy Construction	6,745	15,933	4	39	33	C+
REP.ES	Repsol Ypf	Spain	Energy	Oil&Gas-Refining/Mktg	17,493	49,439	5	67	24	E
AMS.ES	Amadeus It Group	Spain	Technology	Computer-Tech Services	29,531	35,640	3	53	52	D
CLNX.ES	Cellnex Telecom	Spain	Technology	Telecom-Infrastructure	24,390	43,365	5	33	52	D+
ELE.ES	Endesa	Spain	Utility	Utility-Electric Power	20,672	21,950	3	35	52	C
SW@G.SE	Svenska Cellulosa Aktiebolaget Sca B	Sweden	Basic Material	Paper & Paper Products	8,926	17,557	4	22	47	C
EPIA.SE	Epiroc A	Sweden	Capital Equipment	Machinery-Constr/Mining	15,377	15,131	3	68	45	C-
SKFB.SE	Skf B	Sweden	Capital Equipment	Machinery-Gen Industrial	7,704	22,438	3	46	39	E
SAND.SE	Sandvik	Sweden	Capital Equipment	Machinery-Gen Industrial	25,361	41,842	4	58	49	C
EVOG.SE	Evolution	Sweden	Consumer Cyclical	Leisure-Gaming/Equip	20,066	58,677	4	96	24	D-
GIND.SE	Gefinge B	Sweden	Health Care	Medical-Systems/Equip	4,850	19,520	5	86	38	B-
HMBF.SE	Hennes & Mauritz B	Sweden	Retail	Retail-Apparel/Shoes/Acc	21,654	42,434	2	88	41	D+
EKBF.SE	Hexagon B	Sweden	Technology	Elec-Misc Products	27,392	29,625	4	69	49	D-
SIGN.CH	Sig Group N	Switzerland	Capital Equipment	Containers/Packaging	7,596	16,835	4	71	6	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
STMN.CH	Straumann Hldg.	Switzerland	Health Care	Medical-Products	20,478	35,652	3	33	6	C-
GLEN.GB	Glencore	United Kingdom	Basic Material	Mining-Metal Ores	68,310	1,82,581	4	49	19	D+
MRO.GB	Melrose Industries	United Kingdom	Capital Equipment	Aerospace/Defense	9,441	43,747	4	77	27	D-
SPX.GB	Spirax Grou	United Kingdom	Capital Equipment	Machinery-Gen Industrial	8,226	28,820	3	49	17	C-
WEIR.GB	Weir Group	United Kingdom	Capital Equipment	Machinery-Gen Industrial	6,417	16,928	3	30	44	D
BP.GB	Bp	United Kingdom	Energy	Oil&Gas-Integrated	96,622	2,34,672	3	19	15	E
DCC.GB	Dcc	United Kingdom	Energy	Oil&Gas-Refining/Mktg	6,739	13,465	4	65	48	E
WISE.GB	WISE A	United Kingdom	Financial	Finance-CrdtCard/PmtPr	9,943	19,236	7	99	24	C-
GSK.GB	Gsk	United Kingdom	Health Care	Medical-Diversified	80,866	1,54,481	4	47	27	D+
BME.GB	B&M European Val.Ret. (Di)	United Kingdom	Retail	Retail-Discount&Variety	5,896	23,064	5	96	11	D
WIZZ.GB	Wizz Air Holdings	United Kingdom	Transportation	Transportation-Airline	2,640	10,083	5	59	24	E
EZJ.GB	Easyjet	United Kingdom	Transportation	Transportation-Airline	4,316	30,940	5	38	18	D-
SVT.GB	Severn Trent	United Kingdom	Utility	Utility-Water Supply	9,636	29,682	4	67	27	C-
UU.GB	United Utilities Group	United Kingdom	Utility	Utility-Water Supply	8,863	30,105	6	18	24	C

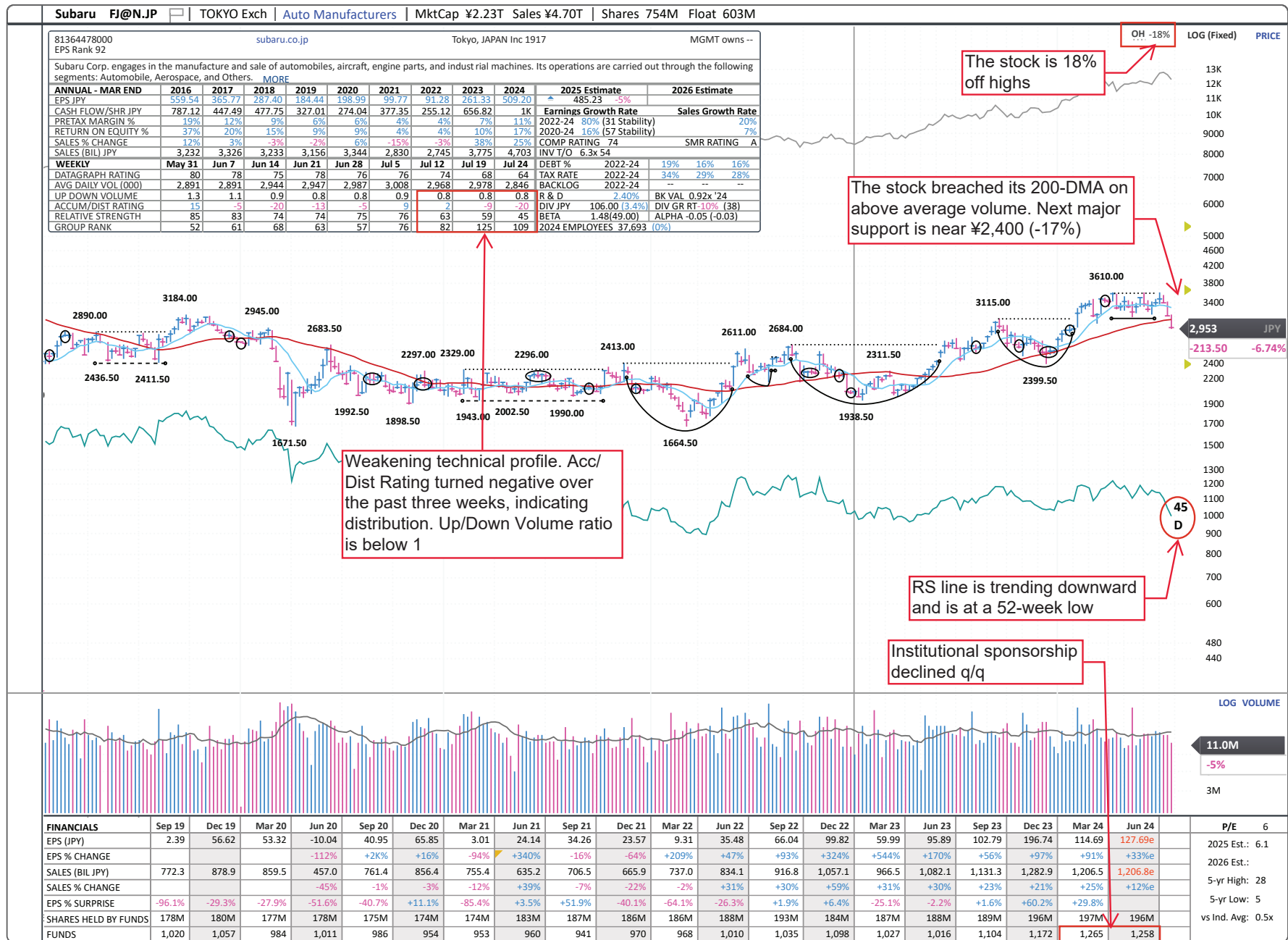
Developed — Capital Equipment — Highlighted Laggard



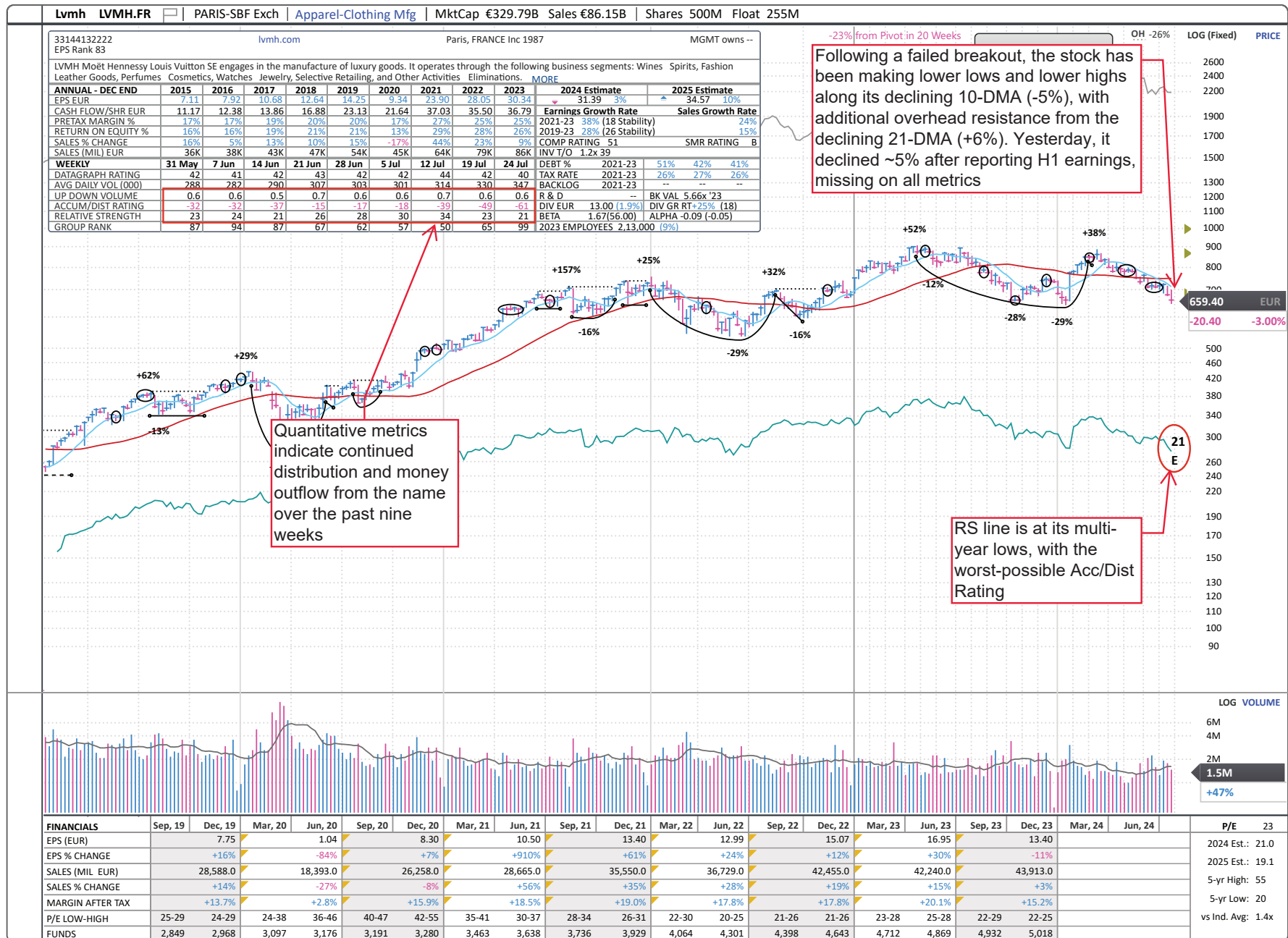
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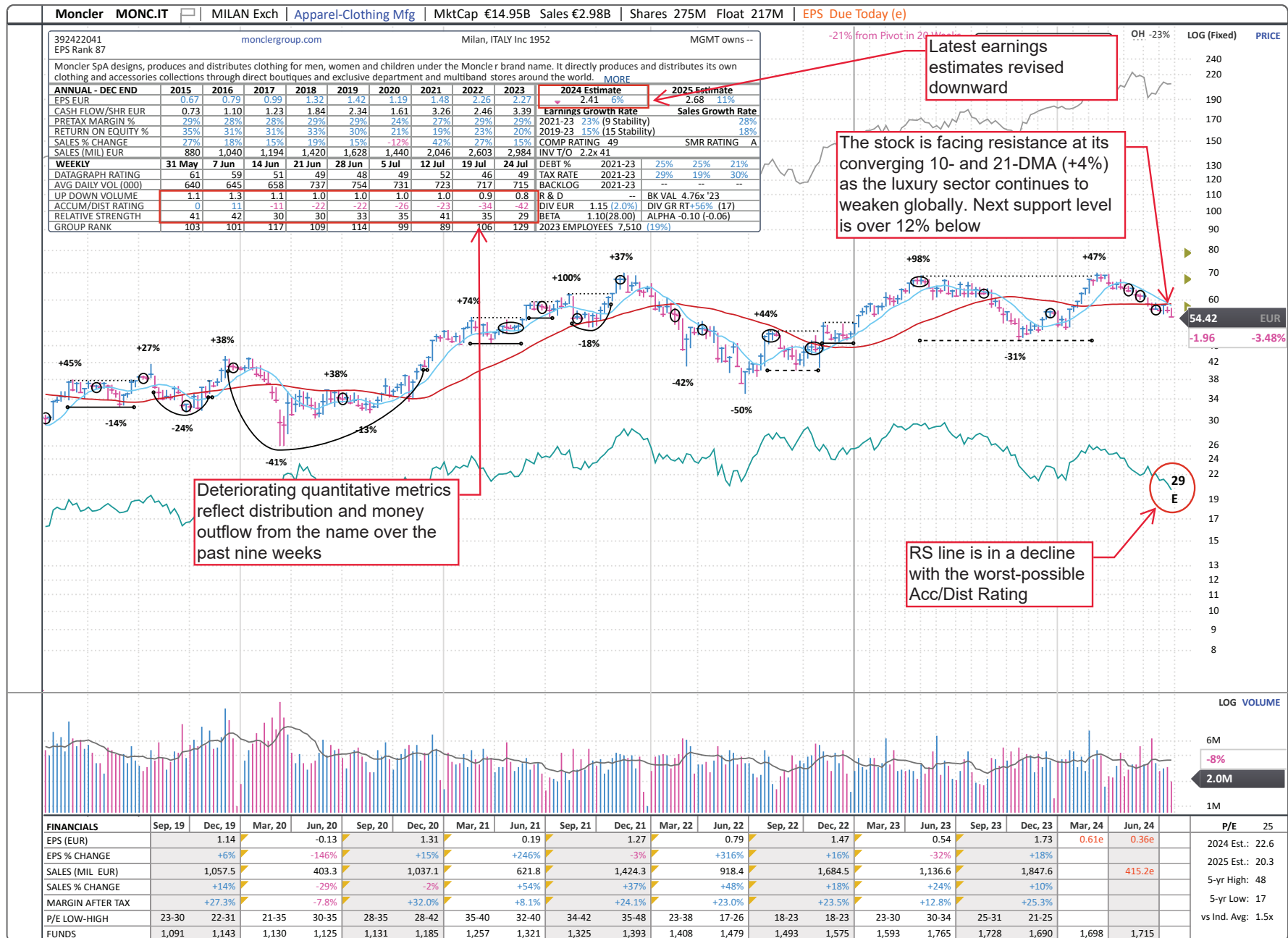
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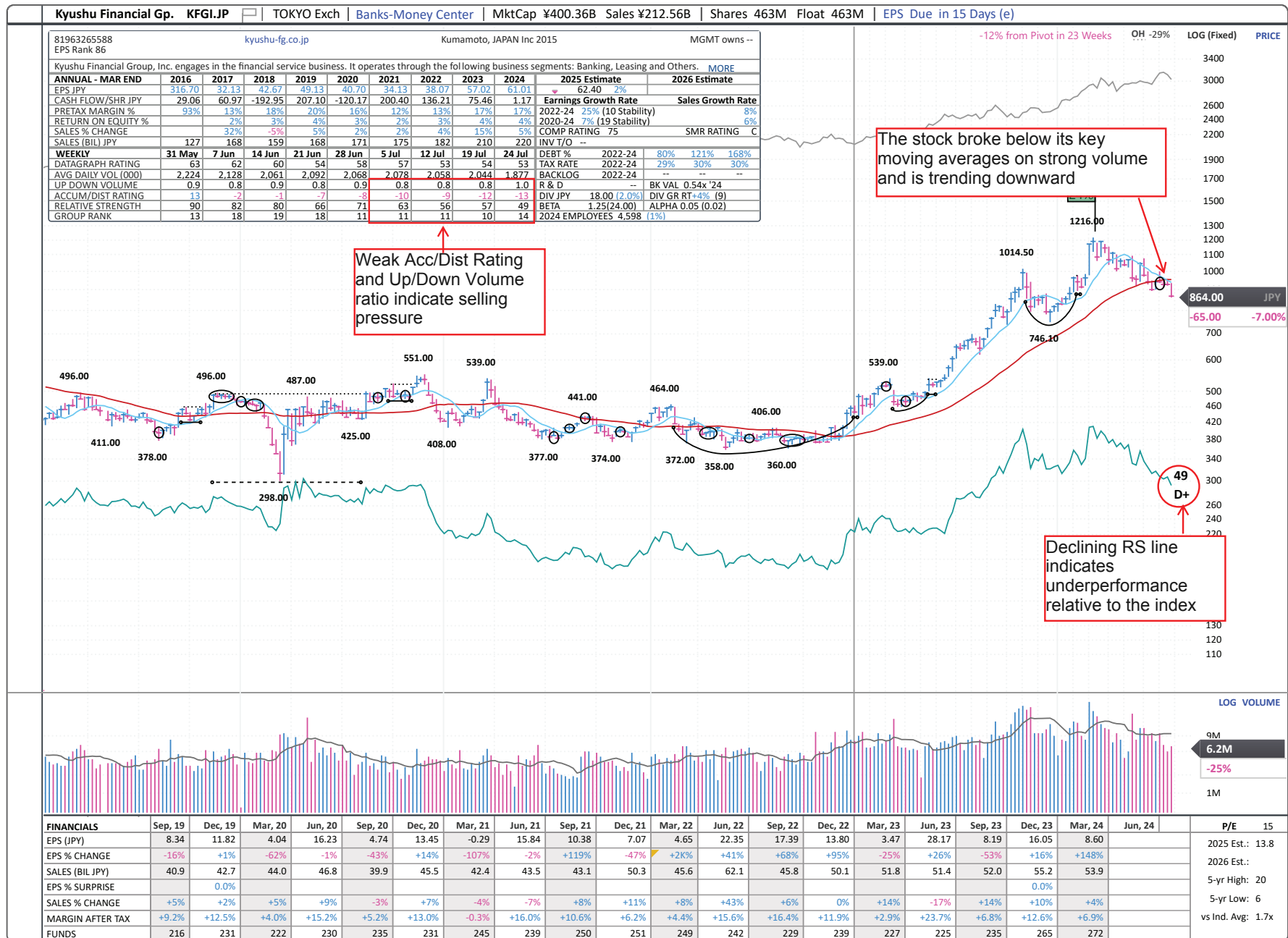
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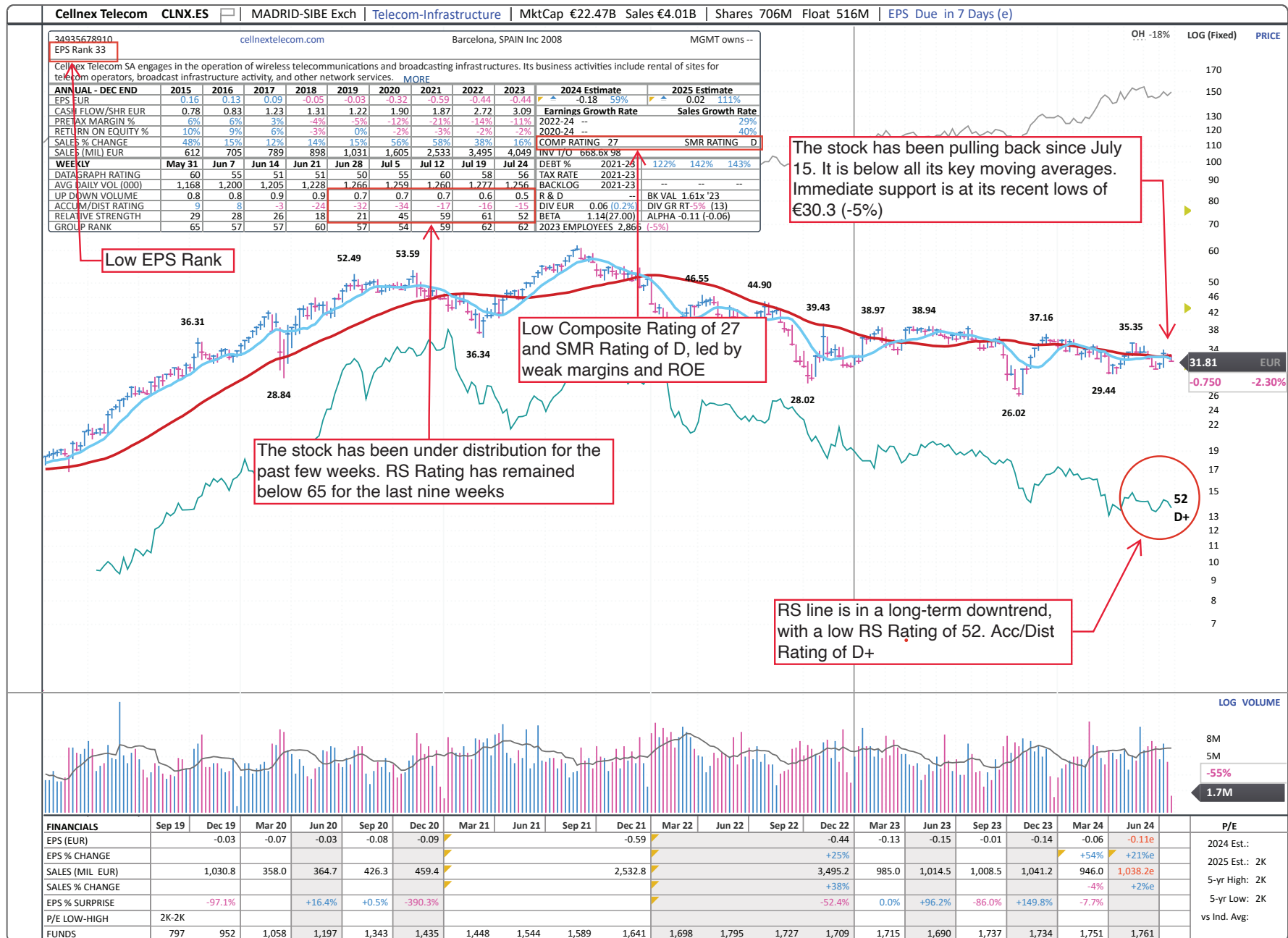
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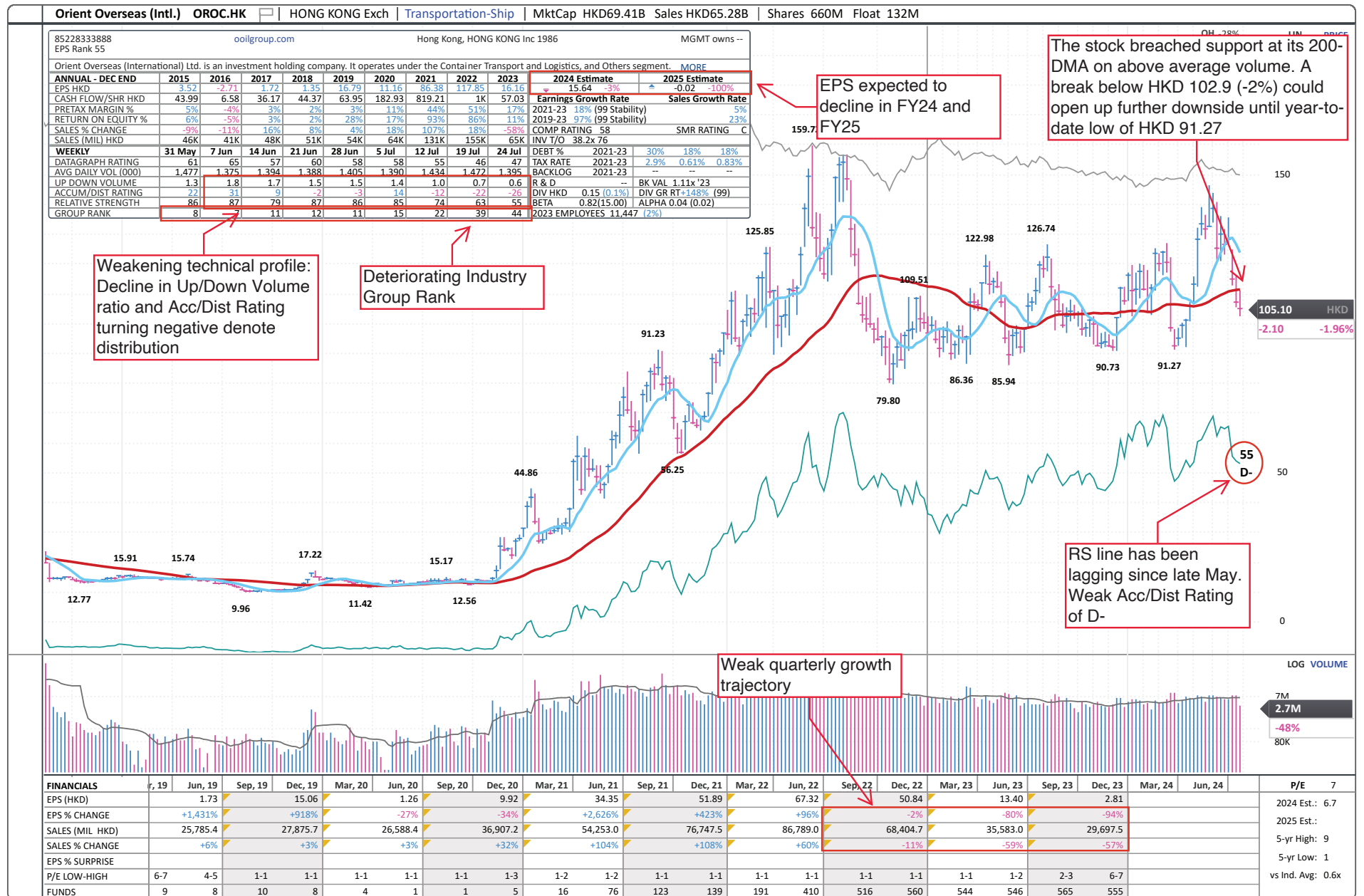
Developed — Financial — Highlighted Laggard



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
AVS.BR	Ambev On	Brazil	Consumer Staple	Beverages-Alcoholic	33,250	63,363	4	56	21	D+
NTC.BR	Natura Cosmeticos On	Brazil	Consumer Staple	Cosmetics/Personal Care	3,689	18,958	4	3	24	D
DC3.BR	Banco Bradesco On	Brazil	Financial	Banks-Money Center	10,849	13,440	4	28	15	D+
DC4.BR	Banco Bradesco Pn	Brazil	Financial	Banks-Money Center	11,934	75,780	4	28	13	C-
BPC.BR	Bco Btg Pactual Unt	Brazil	Financial	Finance-Invest Bnk/Bkrs	19,284	59,784	5	95	28	C-
TOT.BR	Totvs On	Brazil	Technology	Comp Sftwr-Spec Enterprs	3,075	17,726	4	91	34	D-
ERS.BR	Energisa Units	Brazil	Utility	Utility-Electric Power	3,665	21,661	3	64	24	C
EL6.BR	Cti.Eletr Bras- Eletrobras Sr.B Pn	Brazil	Utility	Utility-Electric Power	2,090	11,171	4	36	37	D+
EL3.BR	Centrais Eletr Bras- Eletrobras On	Brazil	Utility	Utility-Electric Power	13,535	48,655	5	36	37	C-
OC.IN	Dalmia Bharat	India	Basic Material	Bldg-Cement/Concrt/Ag	3,970	11,374	3	71	9	C-
MDT.IN	The Ramco Cements	India	Basic Material	Bldg-Cement/Concrt/Ag	2,261	12,880	4	42	10	C+
API.IN	Asian Paints	India	Basic Material	Chemicals-Paints	33,238	49,466	4	58	17	D
SF.IN	SRF Ltd (Nse)	India	Basic Material	Chemicals-Specialty	8,500	14,676	5	46	24	C
TTC.IN	Tata Chemicals	India	Basic Material	Chemicals-Specialty	3,189	17,915	5	10	24	C
NDB.IN	Bandhan Bank	India	Financial	Banks-Money Center	3,577	33,042	3	29	12	C-
RB2.IN	RBL Bank	India	Financial	Banks-Money Center	1,668	16,745	4	40	17	C-
JAK.IN	Jammu & Kashmir Bank	India	Financial	Banks-Money Center	1,420	5,538	5	91	25	C-
SBF.IN	Sbfc Finance Ltd	India	Financial	Finance-Commercial Loans	1,035	1,444	4	95	13	C
ES1.IN	Equitas Small Finance Bank	India	Financial	Finance-Commercial Loans	1,204	3,825	6	80	12	D+
CRG.IN	Creditaccess Grameen Ltd	India	Financial	Finance-Consumer Loans	2,422	5,111	5	87	8	D
MMC.IN	Poonawalla Fincorp	India	Financial	Finance-Consumer Loans	3,364	12,514	5	56	9	D
BJF.IN	Bajaj Finance	India	Financial	Finance-Consumer Loans	49,132	87,415	3	90	11	D-
PH.IN	Pnb Housing Finance	India	Financial	Finance-Consumer Loans	2,425	18,673	5	50	28	C
IDF.IN	IDFC	India	Financial	Financial Svcs-Specialty	2,134	7,417	3	12	15	D+
TIT.IN	Titan Company	India	Retail	Retail/Whlsle-Jewelry	36,102	66,193	7	78	25	C-
CYE.IN	Cyient Ltd (Nse)	India	Technology	Computer-Tech Services	2,490	10,335	5	58	34	C
DE2.IN	Delhivery	India	Transportation	Transportation-Logistics	3,354	11,033	4	47	11	D+
KCA.MX	Kimberly-Clark De Mexico 'A'	Mexico	Consumer Staple	Cosmetics/Personal Care	2,887	12,160	3	79	16	D+
GFR.MX	Regional Sab De Cv	Mexico	Financial	Banks-Money Center	2,447	5,892	5	90	25	D
VES.MX	Corporacion Inmobiliaria Vesta	Mexico	Financial	Real Estate Dvlpmnt/Ops	2,115	7,729	6	92	19	D-
WAV.MX	Walmart De Mexico 'V'	Mexico	Retail	Retail-Super/Mini Mkts	60,338	74,668	4	71	28	D-
ACA.PH	Ayala	Philippines	Financial	Real Estate Dvlpmnt/Ops	6,208	3,402	5	98	34	D
IGR.QA	Estithmar Holding	Qatar	Financial	Finance-Investment Mgmt	1,798	1,147	4	94	48	C
GMK.RU	Mmc Norilsk Nickel	Russia	Basic Material	Mining-Metal Ores	24,413	20,861	3	88	21	C
NFM.RU	Novolipetsk Steel	Russia	Basic Material	Steel-Producers	13,059	22,923	5	91	53	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
SNG.RU	Surgutneftegas	Russia	Energy	Oil&Gas-Integrated	11,844	27,324	4	54	51	D
GKS.RU	Gk Samolet	Russia	Financial	Real Estate Dvlpmt/Ops	2,709	9,394	4	34	25	D+
WHLJ.ZA	Woolworths Hdq.	South Africa	Retail	Retail-Department Stores	3,127	12,008	3	51	9	D-
ZCM.KR	Korea Aerospace Inds.	South Korea	Capital Equipment	Aerospace/Defense	3,492	22,686	4	73	56	C-
HDE.KR	Hyundai Engr.& Con.	South Korea	Capital Equipment	Bldg-Heavy Construction	2,583	10,183	4	71	45	D+
BBC.KR	Doosan Bobcat	South Korea	Capital Equipment	Machinery-Constr/Mining	3,193	16,328	4	89	38	E
HAC.KR	Hyundai Mobis	South Korea	Consumer Cyclical	Auto/Truck-Original Eqp	15,129	38,168	3	83	58	C
SSO.KR	S-Oil	South Korea	Energy	Oil&Gas-Refining/Mktg	5,377	10,575	4	38	43	D+
KAA.KR	Korean Air Lines	South Korea	Transportation	Transportation-Airline	5,605	14,241	3	43	56	C-
KAW.KR	Korea Electric Power	South Korea	Utility	Utility-Electric Power	8,976	22,364	4	75	63	D+
ACM.TW	Asia Cement	Taiwan	Basic Material	Bldg-Cement/Concrt/Ag	4,453	15,120	4	63	36	D-
NYP.TW	Nan Ya Plastics	Taiwan	Basic Material	Chemicals-Plastics	12,160	26,298	5	50	4	C-
CST.TW	China Steel	Taiwan	Basic Material	Steel-Producers	11,130	19,151	6	67	12	E
TEE.TW	Teco Elec.& Machinery	Taiwan	Capital Equipment	Electrical-Power/Equipmt	2,966	19,583	4	57	23	C
WAL.TW	Walsin Lihwa	Taiwan	Capital Equipment	Electrical-Power/Equipmt	4,399	17,201	3	32	23	C-
AIG.TW	Airtac International Gp.	Taiwan	Capital Equipment	Machinery-Gen Industrial	5,913	17,389	5	90	18	D-
CMC.TW	China Motor	Taiwan	Consumer Cyclical	Auto Manufacturers	1,856	12,969	6	31	36	D-
TOY.TW	Tong Yang Ind.	Taiwan	Consumer Cyclical	Auto/Truck-Original Eqp	1,752	15,470	2	90	66	D-
HOF.TW	Hotai Finance	Taiwan	Financial	Finance-Consumer Loans	1,947	3,026	6	49	12	D+
GBT.TW	Giga-Byte Technology	Taiwan	Technology	Computer-Hardware/Perip	5,425	80,941	3	91	28	D
SYX.TW	Synnex Tech.Intl.	Taiwan	Technology	Computer-Hardware/Perip	3,706	25,268	5	67	44	E
COM.TW	Compal Electronics	Taiwan	Technology	Computer-Hardware/Perip	4,440	31,109	4	74	31	D+
ARY.TW	Arcadyan Technology	Taiwan	Technology	Computer-Networking	971	10,408	6	87	12	D-
PWM.TW	Pwrchpsm.Mnfg.	Taiwan	Technology	Elec-Semiconductor Equip	2,940	23,664	4	6	14	C-
NOV.TW	Novatek Microels.	Taiwan	Technology	Elec-Semiconductor Mfg	10,035	91,686	2	86	56	C-
GWC.TW	Globalwafers	Taiwan	Technology	Elec-Semiconductor Mfg	7,462	28,544	4	44	31	D-
NTC.TW	Nuvoton Technology	Taiwan	Technology	Elec-Semiconductor Mfg	1,510	12,397	3	61	14	C-
PHE.TW	Phison Electronics	Taiwan	Technology	Elec-Semiconductor Mfg	3,489	52,071	3	85	50	D-
EME.TW	Ememory Technology	Taiwan	Technology	Elec-Semiconductor Mfg	5,598	36,202	4	92	62	C
WIN.TW	Winbond Eln.	Taiwan	Technology	Elec-Semiconductor Mfg	3,278	21,053	4	20	14	D+
NYT.TW	Nanya Technology	Taiwan	Technology	Elec-Semiconductor Mfg	5,724	32,459	4	14	12	E
CBO.TW	Chipbond Tech.	Taiwan	Technology	Elec-Semiconductor Mfg	1,453	12,881	6	70	11	D-
HIW.TW	Hiwin Technologies	Taiwan	Technology	Electronic-Parts	2,259	12,782	4	35	20	D+
WNE.TW	Wistron Neweb	Taiwan	Technology	Telecom-Cable/Satl Eqp	2,108	21,427	4	72	52	D-
UMM.TW	U-Ming Marine Tran.	Taiwan	Transportation	Transportation-Ship	1,327	16,781	5	96	50	C-
AIRT.TH	Airports Of Thailand	Thailand	Financial	Real Estate Dvlpmt/Ops	22,525	36,907	5	85	49	D-
BDME.TH	Bangkok Dusit Med.Svs.	Thailand	Health Care	Medical-Hospitals	11,540	25,801	5	71	67	D

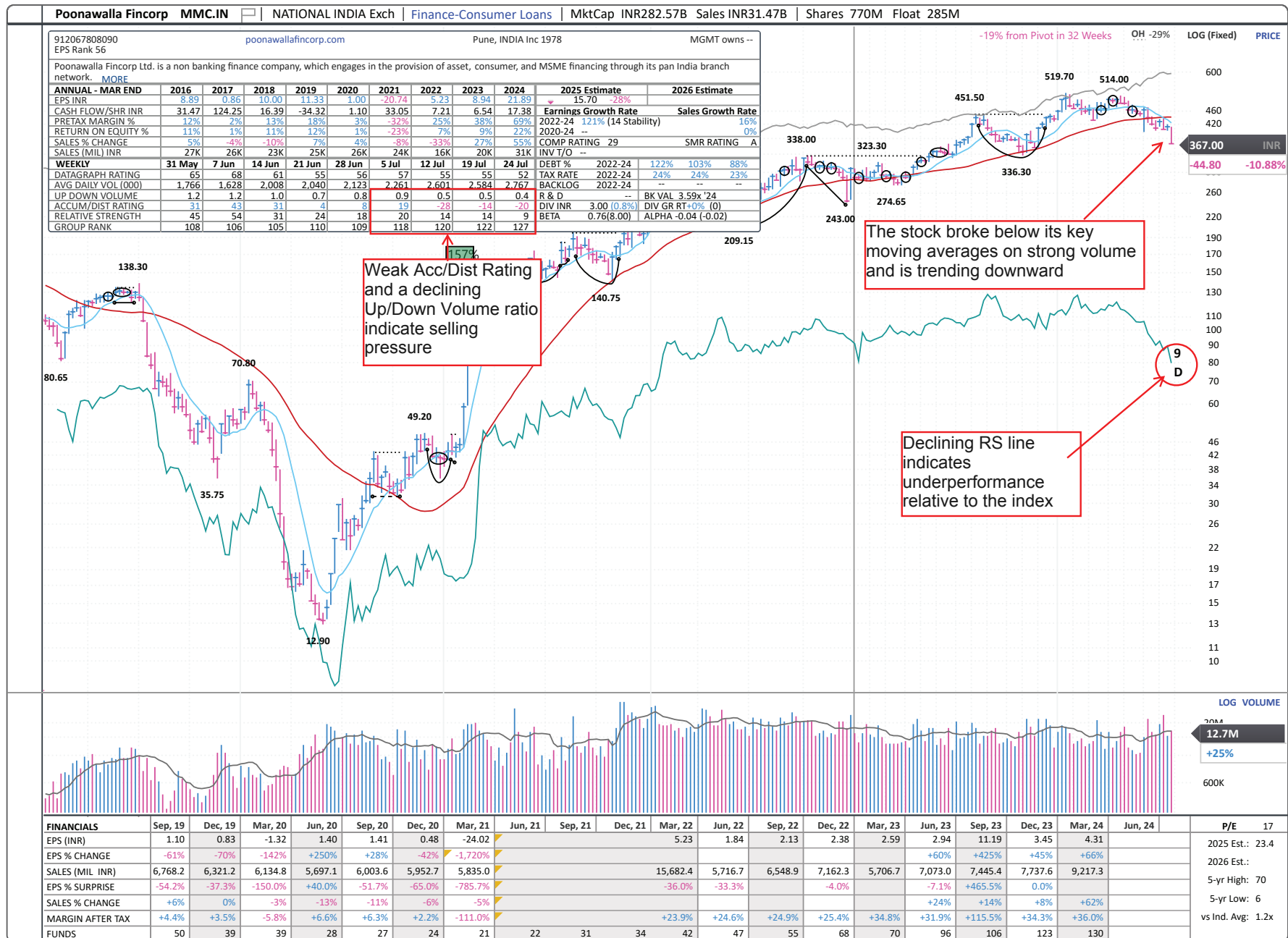
Global Laggards



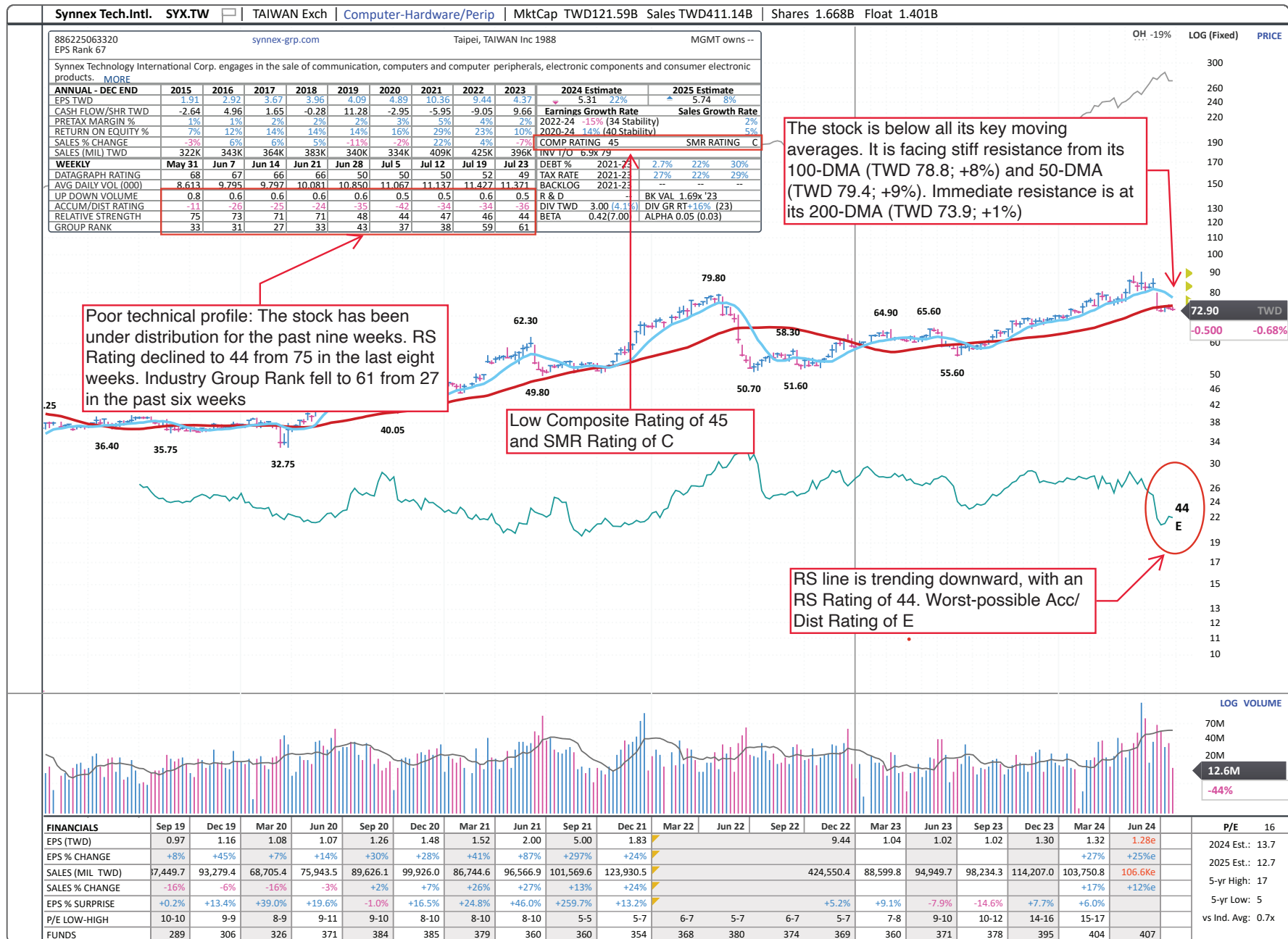
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Symbol	Name	Trading Country	Sector Name	Industry Group Name	Market Value, USD (Mil)	Avg Daily Dollar Vol (000), USD	Negative Alert Score, 10 Wks	EPS Rank	RS Rating	A/D Rating
205.KW	Kuwait Inv.Prjs.	Kuwait	Financial	Banks-Money Center	1,816	2,183	4	80	14	D-
SIP.SA	Sahara Intl. Petroch.	Saudi Arabia	Basic Material	Chemicals-Specialty	5,552	12,435	5	16	15	D-
DRS.SA	Dr Sulaiman Al Habib Med. Grp	Saudi Arabia	Health Care	Medical-Hospitals	26,424	15,025	5	86	42	E

Emerging — Financial — Highlighted Laggard



Emerging — Technology — Highlighted Laggard



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