

Global Laggards

May 23, 2019

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 highlighted in yellow are believed by our analysts to warrant greater attention due to their vulnerability.

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
BG	Bunge Ltd	Basic Material	Agricultural Operations	7,191	81,639	0.029	5	44	27	B-
DAR	Darling Ingredients Inc	Basic Material	Agricultural Operations	3,242	18,900	0.019	4	32	50	B-
CX	Cemex Sab De Cv Ads	Basic Material	Bldg-Cement/Concrt/Ag	6,248	32,174	0.009	2	50	16	D
EXP	Eagle Materials Inc	Basic Material	Bldg-Cement/Concrt/Ag	4,083	60,983	0.057	2	90	81	B+
SUM	Summit Materials Cl A	Basic Material	Bldg-Cement/Concrt/Ag	1,842	29,465	0.124	3	17	31	B-
CRH	C R H Plc Adr	Basic Material	Bldg-Cement/Concrt/Ag	26,594	14,535	0.002	2	59	62	D-
MLM	Martin Marietta Materls	Basic Material	Bldg-Cement/Concrt/Ag	13,336	126,295	0.049	3	91	82	B+
LPX	Louisiana Pacific Corp	Basic Material	Bldg-Wood Prds	3,103	51,485	0.076	4	49	24	D
MOS	Mosaic Company	Basic Material	Chemicals-Agricultural	8,364	97,713	0.014	7	68	9	C-
SMG	Scotts Miracle-Gro Co	Basic Material	Chemicals-Agricultural	4,888	39,998	0.109	2	29	87	B+
NTR	Nutrien Ltd	Basic Material	Chemicals-Agricultural	28,913	85,621	0.015	6	58	31	E
CF	C F Industries Holdings	Basic Material	Chemicals-Agricultural	8,996	105,072	0.032	3	72	33	B
SQM	Sociedad Quimica Y Minra	Basic Material	Chemicals-Agricultural	3,728	23,569	0.094	3	41	10	D-
CE	Celanese Corp	Basic Material	Chemicals-Basic	12,471	107,698	0.028	5	78	35	C
HUN	Huntsman Corp	Basic Material	Chemicals-Basic	4,502	55,905	0.026	6	34	13	D+
WLK	Westlake Chemical Corp	Basic Material	Chemicals-Basic	7,792	62,590	0.088	6	29	10	C+
DWDP	DowDuPont Inc	Basic Material	Chemicals-Basic	70,337	537,384	0.009	6	49	14	C+
PPG	P P G Industries	Basic Material	Chemicals-Paints	25,251	142,597	0.021	3	54	62	C-
AXTA	Axalta Coating Systems	Basic Material	Chemicals-Paints	5,835	51,481	0.022	4	60	29	B-
RPM	R P M International Inc	Basic Material	Chemicals-Paints	7,195	33,068	0.021	4	43	37	B-
POL	Polyone Corp	Basic Material	Chemicals-Plastics	1,984	20,341	0.014	8	58	9	D+
EMN	Eastman Chemical Co	Basic Material	Chemicals-Plastics	9,703	84,503	0.021	7	44	14	E
TSE	Trinseo SA	Basic Material	Chemicals-Plastics	1,619	12,589	0.017	5	47	8	D-
ESI	Element Solutions Inc	Basic Material	Chemicals-Specialty	2,529	28,665	0.060	4	49	24	B+
ALB	Albemarle Corp	Basic Material	Chemicals-Specialty	7,108	100,825	0.126	6	57	12	E
FUL	Fuller H B Co	Basic Material	Chemicals-Specialty	2,112	14,674	0.054	4	62	19	C
UNVR	Univar Inc	Basic Material	Chemicals-Specialty	3,770	39,313	0.045	4	66	27	B
VVV	Valvoline Inc	Basic Material	Chemicals-Specialty	3,315	23,578	0.039	4	55	24	D+
OLN	Olin Corp	Basic Material	Chemicals-Specialty	3,591	55,039	0.058	5	58	18	B-
MEOH	Methanex Corp	Basic Material	Chemicals-Specialty	3,499	17,452	0.014	5	10	11	D+
CC	The Chemours Company	Basic Material	Chemicals-Specialty	3,834	57,902	0.037	6	49	5	E
ASH	Ashland Global Holdings	Basic Material	Chemicals-Specialty	4,535	49,447	0.034	4	66	29	D+
CBT	Cabot Corp	Basic Material	Chemicals-Specialty	2,433	14,973	0.014	5	48	16	B-
FOE	Ferro Corp	Basic Material	Chemicals-Specialty	1,188	20,671	0.039	6	72	14	D-
PAAS	Pan American Silver Corp	Basic Material	Mining-Gold/Silver/Gems	1,613	20,980	0.030	2	43	8	C-

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IAG	Iamgold Corp	Basic Material	Mining-Gold/Silver/Gems	1,174	12,630	0.011	3	12	5	B-
KGC	Kinross Gold Corp	Basic Material	Mining-Gold/Silver/Gems	3,963	27,479	0.017	2	17	37	C-
SSRM	SSR Mining Inc	Basic Material	Mining-Gold/Silver/Gems	1,315	10,190	0.021	2	70	37	C-
HL	Hecla Mining Company	Basic Material	Mining-Gold/Silver/Gems	679	8,253	0.062	3	5	2	D-
GOLD	Barrick Gold Corporation	Basic Material	Mining-Gold/Silver/Gems	21,295	153,901	0.012	3	16	35	C-
AUY	Yamana Gold Inc	Basic Material	Mining-Gold/Silver/Gems	1,828	21,793	0.013	2	41	10	D
NEM	Newmont Goldcorp Corp	Basic Material	Mining-Gold/Silver/Gems	17,001	394,410	0.028	4	52	27	B-
TRQ	Turquoise Hill Resources	Basic Material	Mining-Metal Ores	2,415	6,638	0.027	3	82	4	E
TECK	Teck Resources Ltd	Basic Material	Mining-Metal Ores	11,217	56,815	0.014	3	59	24	D-
CLF	Cleveland-Cliffs Inc	Basic Material	Mining-Metal Ores	2,705	98,717	0.243	3	79	37	D+
ARNC	Arconic Inc	Basic Material	Mining-Metal Ores	10,004	96,108	0.025	2	53	89	B
CCJ	Cameco Corp	Basic Material	Mining-Metal Ores	4,021	19,248	0.021	6	15	27	E
FCX	Freeport McMoRan Inc	Basic Material	Mining-Metal Ores	14,390	198,845	0.027	4	6	10	D-
VALE	Vale Sa Adr	Basic Material	Mining-Metal Ores	61,379	259,877	0.011	5	27	27	D
PKG	Packaging Cp Of America	Basic Material	Paper & Paper Products	8,574	76,923	0.019	4	94	24	D-
UFS	Domtar Inc	Basic Material	Paper & Paper Products	2,682	25,412	0.048	5	87	24	D-
GPK	Graphic Packaging Hldg	Basic Material	Paper & Paper Products	3,744	54,962	0.082	4	74	47	D
X	United States Steel Corp	Basic Material	Steel-Producers	2,378	168,878	0.132	4	73	3	E
GGB	Gerdau S A Adr	Basic Material	Steel-Producers	3,965	40,637	0.061	5	18	18	B-
NUE	Nucor Corp	Basic Material	Steel-Producers	15,727	119,583	0.017	5	98	21	D+
PKX	P O S C O	Basic Material	Steel-Producers	16,595	8,820	0.000	6	53	11	E
STLD	Steel Dynamics Inc	Basic Material	Steel-Producers	6,213	60,555	0.019	4	89	8	D+
MT	Arcelor Mittal CI A	Basic Material	Steel-Producers	15,915	46,649	0.005	6	49	6	D
EAF	Grahtech International	Basic Material	Steel-Specialty Alloys	2,865	12,707	0.326	4	43	7	D-
ATI	Allegheny Technologies	Basic Material	Steel-Specialty Alloys	2,799	40,520	0.141	5	17	16	D
ERJ	Embraer Sa Adr	Capital Equipment	Aerospace/Defense	3,405	16,751	0.020	3	12	25	C+
AIR	A A R Corp	Capital Equipment	Aerospace/Defense	1,062	9,657	0.045	4	99	12	D
AVAV	Aerovironment Inc	Capital Equipment	Aerospace/Defense	1,588	16,640	0.123	5	47	27	C
GVA	Granite Construction Inc	Capital Equipment	Bldg-Heavy Construction	1,898	14,480	0.056	4	42	19	C
R	Ryder System Inc	Capital Equipment	Comm1 Svcs-Leasing	2,934	27,751	0.049	3	71	24	C
GATX	G A T X Corp	Capital Equipment	Comm1 Svcs-Leasing	2,685	15,445	0.170	4	48	40	D
RHI	Robert Half Intl Inc	Capital Equipment	Comm1 Svcs-Staffing	6,646	67,538	0.080	5	89	21	D-
OI	Owens Illinois Inc	Capital Equipment	Containers/Packaging	2,578	18,639	0.050	3	47	27	D+
JEF	Jefferies Financial Grp	Capital Equipment	Diversified Operations	5,459	32,645	0.031	4	12	21	D
EMR	Emerson Electric Co	Capital Equipment	Diversified Operations	38,807	191,740	0.010	5	62	33	E
MMM	Three M Company	Capital Equipment	Diversified Operations	96,008	537,651	0.015	7	60	19	E
ABB	A B B Ltd	Capital Equipment	Electrical-Power/Equipmt	39,740	36,411	0.002	4	58	27	B-

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NVT	Nvent Electric Plc	Capital Equipment	Electrical-Power/Equipmt	4,191	31,950	0.014	5	56	29	D+
ROK	Rockwell Automation Inc	Capital Equipment	Electrical-Power/Equipmt	18,433	125,209	0.023	4	70	31	D-
RBC	Regal Beloit Corp	Capital Equipment	Electrical-Power/Equipmt	3,210	16,150	0.013	3	78	35	C+
BWXT	B W X Technologies Inc	Capital Equipment	Electrical-Power/Equipmt	4,514	22,742	0.051	3	65	27	D-
ENS	Energys	Capital Equipment	Electrical-Power/Equipmt	2,573	20,258	0.027	3	66	14	D
CNHI	C N H Industrial Nv	Capital Equipment	Machinery-Constr/Mining	11,684	19,296	0.005	4	81	16	D-
CAT	Caterpillar Inc	Capital Equipment	Machinery-Constr/Mining	70,251	531,184	0.012	6	66	27	D-
TEX	Terex Corp	Capital Equipment	Machinery-Constr/Mining	2,016	29,175	0.085	6	56	16	D
DE	Deere & Co	Capital Equipment	Machinery-Farm	43,662	262,239	0.019	8	59	31	D-
CFX	Colfax Corp	Capital Equipment	Machinery-Gen Industrial	2,998	62,539	0.113	4	69	33	C+
PRLB	Proto Labs Inc	Capital Equipment	Machinery-Mtl Hdlg/Autmn	2,800	17,895	0.058	6	76	25	D-
KMT	Kennametal Inc	Capital Equipment	Machinery-Tools & Rel	2,674	22,933	0.029	5	67	21	E
LECO	Lincoln Electric Hldgs	Capital Equipment	Machinery-Tools & Rel	4,917	25,967	0.031	4	68	29	D+
B	Barnes Group Inc	Capital Equipment	Metal Proc & Fabrication	2,785	13,435	0.008	7	71	29	D
CMC	Commercial Metals Co	Capital Equipment	Metal Proc & Fabrication	1,708	19,627	0.066	5	70	13	D
VMI	Valmont Industries Inc	Capital Equipment	Metal Proc & Fabrication	2,613	19,068	0.011	6	42	25	C-
SRCL	Stericycle Inc	Capital Equipment	Pollution Control	4,308	56,885	0.108	5	34	37	D+
ADT	ADT Inc	Capital Equipment	Security/Sfty	4,749	17,667	0.038	5	40	14	C-
TRN	Trinity Industries Inc	Capital Equipment	Transportation-Equip Mfg	2,644	28,241	0.078	6	47	19	D
WAB	Wabtec Corp	Capital Equipment	Transportation-Equip Mfg	10,326	149,197	0.113	5	59	12	E
GBX	Greenbrier Companies Inc	Capital Equipment	Transportation-Equip Mfg	960	18,274	0.135	7	18	6	E
NAV	Navistar Intl Corp	Capital Equipment	Trucks & Parts-Hvy Duty	3,101	14,858	0.025	3	71	24	D+
GIII	G Iii Apparel Group Inc	Consumer Cyclical	Apparel-Clothing Mfg	1,449	16,905	0.072	4	67	13	E
TPR	Tapestry Inc	Consumer Cyclical	Apparel-Clothing Mfg	8,870	156,257	0.040	4	32	13	D
CPRI	Capri Holdings Ltd	Consumer Cyclical	Apparel-Clothing Mfg	5,983	94,692	0.041	4	54	12	D-
OXM	Oxford Industries Inc	Consumer Cyclical	Apparel-Clothing Mfg	1,234	13,360	0.090	6	62	27	E
CRI	Carters Inc	Consumer Cyclical	Apparel-Clothing Mfg	3,986	66,840	0.072	3	74	33	E
RL	Ralph Lauren Corp Cl A	Consumer Cyclical	Apparel-Clothing Mfg	5,865	118,430	0.061	4	64	27	E
HBI	Hanesbrands Inc	Consumer Cyclical	Apparel-Clothing Mfg	5,774	82,740	0.096	5	58	31	C-
PVH	P V H Corp	Consumer Cyclical	Apparel-Clothing Mfg	8,014	127,134	0.028	4	72	22	C+
CROX	Crocs Inc	Consumer Cyclical	Apparel-Shoes & Rel Mfg	1,614	36,094	0.075	7	30	53	E
SKX	Skechers U S A Inc Cl A	Consumer Cyclical	Apparel-Shoes & Rel Mfg	3,894	61,600	0.097	4	87	43	D+
SHOO	Steven Madden Limited	Consumer Cyclical	Apparel-Shoes & Rel Mfg	2,637	17,613	0.041	5	86	35	E
WWW	Wolverine World Wide Inc	Consumer Cyclical	Apparel-Shoes & Rel Mfg	2,586	21,488	0.024	7	65	22	D
TM	Toyota Motor Corp Adr	Consumer Cyclical	Auto Manufacturers	168,476	16,659	0.000	6	36	37	E
TSLA	Tesla Inc	Consumer Cyclical	Auto Manufacturers	33,392	2,095,129	0.285	6	51	6	E
HMC	Honda Motor Co Ltd Adr	Consumer Cyclical	Auto Manufacturers	44,598	12,573	0.000	6	25	25	E

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APTV	Aptiv Plc	Consumer Cyclical	Auto/Truck-Original Eqp	17,560	102,444	0.031	6	54	18	E
AXL	Amer Axle & Mfg Holdings	Consumer Cyclical	Auto/Truck-Original Eqp	1,215	19,710	0.080	7	39	10	E
ALV	Autoliv Inc	Consumer Cyclical	Auto/Truck-Original Eqp	5,542	38,645	0.046	6	35	10	E
DAN	Dana Incorporated	Consumer Cyclical	Auto/Truck-Original Eqp	2,204	24,667	0.019	5	80	19	C-
LEA	Lear Corporation	Consumer Cyclical	Auto/Truck-Original Eqp	7,796	83,229	0.025	6	67	15	D
MGA	Magna Intl Inc	Consumer Cyclical	Auto/Truck-Original Eqp	15,008	60,032	0.005	8	61	16	E
CTB	Cooper Tire & Rubber Co	Consumer Cyclical	Auto/Truck-Tires & Misc	1,434	10,679	0.119	4	51	33	D+
THO	Thor Industries Inc	Consumer Cyclical	Bldg-Mobile/Mfg & Rv	3,164	40,564	0.060	5	51	10	D-
ENR	Energizer Holdings Inc	Consumer Cyclical	Consumer Prod-Specialty	3,183	30,743	0.093	5	35	27	B-
ATGE	Adtalem Global Education	Consumer Cyclical	Consumer Svcs-Education	2,501	13,778	0.071	5	45	25	D
TUP	Tupperware Brands Corp	Consumer Cyclical	Hsehold-Appliances/Wares	1,029	15,832	0.058	6	40	6	E
MLCO	Melco Resorts & Ent Ads	Consumer Cyclical	Leisure-Gaming/Equip	9,955	55,851	0.022	4	44	29	D
WYNN	Wynn Resorts Ltd	Consumer Cyclical	Leisure-Gaming/Equip	12,500	261,701	0.063	5	22	27	E
SGMS	Scientific Games	Consumer Cyclical	Leisure-Gaming/Equip	1,772	28,746	0.190	4	65	10	B
MGM	M G M Resorts Intl	Consumer Cyclical	Leisure-Gaming/Equip	13,720	169,803	0.034	4	72	29	B-
RRR	Red Rock Resorts Cl A	Consumer Cyclical	Leisure-Gaming/Equip	1,574	10,840	0.047	4	27	15	C
PENN	Penn Natl Gaming Inc	Consumer Cyclical	Leisure-Gaming/Equip	2,473	43,851	0.078	5	27	16	B
IGT	Intl Game Technology Plc	Consumer Cyclical	Leisure-Gaming/Equip	2,710	35,502	0.047	5	45	9	C+
H	Hyatt Hotels Corp Cl A	Consumer Cyclical	Leisure-Lodging	2,920	43,532	0.073	2	93	58	C+
HOG	Harley Davidson Inc	Consumer Cyclical	Leisure-Products	5,509	77,593	0.098	6	31	25	D-
PII	Polaris Industries Inc	Consumer Cyclical	Leisure-Products	5,346	64,937	0.069	6	46	33	D-
BC	Brunswick Corp	Consumer Cyclical	Leisure-Products	3,995	48,364	0.032	5	73	19	D-
ELY	Callaway Golf Co	Consumer Cyclical	Leisure-Products	1,431	18,417	0.079	6	56	18	E
SIX	Six Flags Entertainment	Consumer Cyclical	Leisure-Services	4,326	63,041	0.067	4	81	22	D
MTN	Vail Resorts Inc	Consumer Cyclical	Leisure-Services	8,560	71,571	0.044	3	76	29	D+
CCL	Carnival Corporation	Consumer Cyclical	Leisure-Services	27,167	218,909	0.028	5	78	24	D-
HTZ	Hertz Global Holdings	Consumer Cyclical	Leisure-Services	1,296	35,685	0.392	3	39	22	C
CUK	Carnival Plc Adr	Consumer Cyclical	Leisure-Services	9,606	16,729	0.002	4	78	21	C-
CAR	Avis Budget Group Inc	Consumer Cyclical	Leisure-Services	2,272	31,853	0.099	4	50	40	C+
MAT	Mattel Inc	Consumer Cyclical	Leisure-Toys/Games/Hobby	3,858	58,004	0.201	3	58	13	C
TRIP	TripAdvisor Inc	Consumer Cyclical	Leisure-Travel Booking	5,834	83,346	0.140	5	73	22	D
EXPE	Expedia Group Inc	Consumer Cyclical	Leisure-Travel Booking	15,737	190,611	0.118	6	81	40	D+
SABR	Sabre Corporation	Consumer Cyclical	Leisure-Travel Booking	5,416	43,776	0.025	6	65	20	C+
BKNG	Booking Holdings Inc	Consumer Cyclical	Leisure-Travel Booking	75,187	803,407	0.030	4	83	31	B-
TVPT	Travelport Worldwide Ltd	Consumer Cyclical	Leisure-Travel Booking	1,891	25,717	0.058	5	52	31	E
JWA	Wiley John & Sons Cl A	Consumer Cyclical	Media-Books	2,160	14,874	0.032	3	33	16	D-
LSXMA	Liberty Media Sr A LibSr	Consumer Cyclical	Media-Diversified	3,836	22,840	0.047	4	47	29	C+

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VIAB	Viacom Inc Cl B	Consumer Cyclical	Media-Diversified	10,132	143,217	0.057	5	45	47	C
LSXMK	Liberty Media Sr C LibSr	Consumer Cyclical	Media-Diversified	8,385	25,719	0.025	4	47	31	D
MSGN	M S G Networks Inc	Consumer Cyclical	Media-Radio/Tv	1,334	13,244	0.193	8	56	37	E
TAP	Molson Coors Brewing B	Consumer Staple	Beverages-Alcoholic	11,604	90,635	0.044	4	71	37	D-
ABEV	Ambev SA Adr	Consumer Staple	Beverages-Alcoholic	67,507	120,111	0.004	3	29	27	D+
FIZZ	National Beverage Corp	Consumer Staple	Beverages-Non-Alcoholic	2,420	17,366	0.280	4	79	5	E
COT	Cott Corp	Consumer Staple	Beverages-Non-Alcoholic	1,801	16,215	0.017	5	17	22	D
PBH	Prestige Consumer Hlthcr	Consumer Staple	Cosmetics/Personal Care	1,530	14,976	0.198	4	81	27	D+
HLF	Herbalife Nutrition Ltd	Consumer Staple	Cosmetics/Personal Care	6,687	84,420	0.176	8	41	16	E
USNA	U S A N A Health Science	Consumer Staple	Cosmetics/Personal Care	1,743	18,000	0.136	6	74	7	E
NUS	Nu Skin Enterprise Cl A	Consumer Staple	Cosmetics/Personal Care	2,795	42,558	0.043	6	36	11	D+
EPC	Edgewell Personal Care	Consumer Staple	Cosmetics/Personal Care	1,693	21,514	0.071	4	62	8	C+
INGR	Ingredion Inc	Consumer Staple	Food-Grain & Related	5,307	38,408	0.049	6	50	16	E
ADM	Archer Daniels Midland	Consumer Staple	Food-Grain & Related	21,981	145,037	0.017	6	35	27	C-
CALM	Cal-Maine Foods Inc	Consumer Staple	Food-Meat Products	1,736	11,560	0.141	5	15	22	D-
HRL	Hormel Foods Co	Consumer Staple	Food-Meat Products	21,052	112,941	0.151	4	77	47	D
K	Kellogg Company	Consumer Staple	Food-Packaged	19,619	128,504	0.074	5	46	31	D
LW	Lamb Weston Holdings Inc	Consumer Staple	Food-Packaged	9,138	116,014	0.065	4	78	31	D+
KHC	The Kraft Heinz Company	Consumer Staple	Food-Packaged	38,461	257,208	0.021	4	64	5	E
LANC	Lancaster Colony Corp	Consumer Staple	Food-Packaged	4,040	17,515	0.075	6	70	50	D+
BGS	B & G Foods Inc	Consumer Staple	Food-Packaged	1,441	21,647	0.390	5	42	14	E
CLX	Clorox Co	Consumer Staple	Soap & Clnng Preparatns	19,114	159,711	0.074	5	65	74	C
VGR	Vector Group Ltd	Consumer Staple	Tobacco	1,302	9,954	0.137	4	83	7	D-
BTU	Peabody Energy Corp	Energy	Energy-Coal	2,702	19,175	0.020	5	39	13	E
CNX	CNX Resources Corp	Energy	Energy-Coal	1,482	28,442	0.093	6	36	5	D
SEDG	Solaredge Technologies	Energy	Energy-Solar	2,556	37,790	0.152	5	61	93	B
RIG	Transocean Ltd	Energy	Oil&Gas-Drilling	4,067	93,047	0.097	4	23	10	D
PTEN	Patterson-Uti Energy Inc	Energy	Oil&Gas-Drilling	2,373	43,543	0.056	4	38	11	D-
APY	Apergy Corporation	Energy	Oil&Gas-Drilling	2,496	15,833	0.024	4	38	16	D-
CLB	Core Laboratories Nv	Energy	Oil&Gas-Field Services	2,330	30,081	0.068	6	19	6	C-
HAL	Halliburton Company	Energy	Oil&Gas-Field Services	20,479	241,485	0.020	7	13	8	E
MRO	Marathon Oil Corp	Energy	Oil&Gas-Integrated	12,009	176,791	0.020	3	74	20	C-
EQT	E Q T Corp	Energy	Oil&Gas-Integrated	5,007	74,198	0.037	4	65	33	D-
SU	Suncor Energy Inc	Energy	Oil&Gas-Integrated	48,644	90,122	0.003	5	35	25	E
YPF	Y P F Sociedad Anonima	Energy	Oil&Gas-Integrated	5,821	24,606	0.037	4	22	47	B-
EC	Ecopetrol Sa Adr	Energy	Oil&Gas-Integrated	36,265	16,735	0.040	5	34	43	D+
PBR	Petroleo Bras Sa Ptr Adr	Energy	Oil&Gas-Integrated	51,465	267,528	0.020	3	39	58	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
IMO	Imperial Oil Ltd	Energy	Oil&Gas-Integrated	21,088	9,557	0.035	4	33	37	B-
EQNR	Equinor ASA Adr	Energy	Oil&Gas-Integrated	66,300	24,791	0.004	4	63	21	D-
CNQ	Canadian Natural Res Ltd	Energy	Oil&Gas-Intl Expl&Prod	31,472	71,446	0.009	4	15	25	D+
APA	Apache Corp	Energy	Oil&Gas-Intl Expl&Prod	10,560	117,485	0.065	4	12	15	D-
COP	Conocophillips	Energy	Oil&Gas-Intl Expl&Prod	68,037	452,945	0.009	4	54	31	C
ECA	Encana Corp	Energy	Oil&Gas-Intl Expl&Prod	9,109	158,194	0.026	4	89	12	D-
MUR	Murphy Oil Corp	Energy	Oil&Gas-Intl Expl&Prod	4,450	59,980	0.072	3	75	24	D
MRC	M R C Global Inc	Energy	Oil&Gas-Machinery/Equip	1,301	14,956	0.054	5	36	22	D
DRQ	Dril Quip Inc	Energy	Oil&Gas-Machinery/Equip	1,486	15,021	0.108	4	19	53	D
FTI	TechnipFmc plc	Energy	Oil&Gas-Machinery/Equip	9,907	90,737	0.024	5	7	22	D
NOV	National Oilwell Varco	Energy	Oil&Gas-Machinery/Equip	8,359	94,116	0.030	5	34	7	D-
BHGE	Baker Hughes a G E Co	Energy	Oil&Gas-Machinery/Equip	11,811	103,718	0.025	6	73	19	D
UGI	U G I Corp Hldg Co	Energy	Oil&Gas-Refining/Mktg	9,229	75,989	0.027	7	47	58	B
DK	Delek U S Holdings Inc	Energy	Oil&Gas-Refining/Mktg	2,761	43,768	0.069	5	78	22	C-
MPC	Marathon Petroleum	Energy	Oil&Gas-Refining/Mktg	33,674	369,458	0.010	6	33	11	E
HFC	Hollyfrontier Corp	Energy	Oil&Gas-Refining/Mktg	7,089	97,616	0.037	4	52	8	D-
PBF	P B F Energy Inc Cl A	Energy	Oil&Gas-Refining/Mktg	3,570	56,179	0.047	5	21	13	D
PSX	Phillips 66	Energy	Oil&Gas-Refining/Mktg	38,107	214,865	0.015	6	46	18	E
GLNG	Golar Lng Ltd	Energy	Oil&Gas-Transprt/Pipeline	1,967	19,246	0.135	4	3	16	C-
MTDR	Matador Resources Co	Energy	Oil&Gas-U S Expl&Prod	2,162	44,160	0.170	5	28	19	D+
CPE	Callon Petroleum Co	Energy	Oil&Gas-U S Expl&Prod	1,696	44,512	0.235	5	69	16	C-
NBL	Noble Energy Inc	Energy	Oil&Gas-U S Expl&Prod	10,589	129,008	0.059	5	7	22	D+
CLR	Continental Res Inc	Energy	Oil&Gas-U S Expl&Prod	14,946	92,682	0.077	6	32	16	D+
MGY	Magnolia O&G Corp Cl A	Energy	Oil&Gas-U S Expl&Prod	1,867	12,282	0.095	6	27	53	C+
JAG	Jagged Peak Energy Inc	Energy	Oil&Gas-U S Expl&Prod	1,982	11,798	0.193	5	83	20	C
WPX	W P X Energy Inc	Energy	Oil&Gas-U S Expl&Prod	4,767	88,004	0.052	4	75	15	D+
CXO	Concho Resources Inc	Energy	Oil&Gas-U S Expl&Prod	20,396	224,201	0.042	5	42	24	D-
EOG	E O G Resources Inc	Energy	Oil&Gas-U S Expl&Prod	50,982	381,944	0.019	5	43	22	D-
XEC	Cimarex Energy Co	Energy	Oil&Gas-U S Expl&Prod	6,579	97,274	0.027	5	29	19	B-
QEP	Q E P Resources Inc	Energy	Oil&Gas-U S Expl&Prod	1,778	29,820	0.063	5	38	18	C+
SM	S M Energy Co	Energy	Oil&Gas-U S Expl&Prod	1,476	32,696	0.067	5	4	5	D-
CHK	Chesapeake Energy Corp	Energy	Oil&Gas-U S Expl&Prod	3,361	95,846	0.099	6	5	6	E
GPOR	Gulfport Energy Corp	Energy	Oil&Gas-U S Expl&Prod	1,054	23,171	0.135	5	62	9	D-
PXD	Pioneer Natural Resource	Energy	Oil&Gas-U S Expl&Prod	24,414	306,377	0.024	5	32	43	C
DVN	Devon Energy Corp	Energy	Oil&Gas-U S Expl&Prod	11,482	186,221	0.031	4	75	24	C+
PE	Parsley Energy Inc Cl A	Energy	Oil&Gas-U S Expl&Prod	5,209	102,294	0.030	6	17	25	C-
SWN	Southwestern Energy Co	Energy	Oil&Gas-U S Expl&Prod	2,021	60,451	0.198	7	42	15	D

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WLL	Whiting Petroleum Corp	Energy	Oil&Gas-U S Expl&Prod	1,814	106,633	0.134	4	16	4	D-
RRC	Range Resources Corp	Energy	Oil&Gas-U S Expl&Prod	1,967	59,343	0.208	7	17	4	E
PDCE	P D C Energy Inc	Energy	Oil&Gas-U S Expl&Prod	2,184	34,729	0.126	5	38	14	C+
FANG	Diamondback Energy Inc	Energy	Oil&Gas-U S Expl&Prod	17,058	201,570	0.031	5	61	40	B+
APC	Anadarko Petroleum Corp	Energy	Oil&Gas-U S Expl&Prod	36,235	956,329	0.031	4	52	96	A-
BSAC	Banco Santander CI Ads	Financial	Banks-Foreign	13,158	10,661	0.010	4	33	27	C
ASB	Associated Banc Corp	Financial	Banks-Midwest	3,450	22,762	0.018	5	76	22	C
FMBI	First Midwest Bancorp II	Financial	Banks-Midwest	2,138	10,787	0.025	5	93	19	D-
CBSH	Commerce Bancshares	Financial	Banks-Midwest	6,539	26,200	0.035	6	74	37	E
ONB	Old Natl Bancorp Ind	Financial	Banks-Midwest	2,838	13,131	0.037	4	70	29	E
UMBF	U M B Financial Corp	Financial	Banks-Midwest	3,198	16,334	0.040	5	54	35	C-
GS	Goldman Sachs Group Inc	Financial	Banks-Money Center	70,491	551,875	0.014	4	45	33	C-
WFC	Wells Fargo & Company	Financial	Banks-Money Center	204,538	1,103,924	0.006	4	76	24	E
TD	Toronto Dominion Bank	Financial	Banks-Money Center	101,427	62,880	0.003	4	78	40	E
MS	Morgan Stanley	Financial	Banks-Money Center	71,627	490,911	0.007	5	64	40	D
C	Citigroup Inc	Financial	Banks-Money Center	146,587	944,340	0.007	4	77	47	C-
BK	Bank Of New York Mellon	Financial	Banks-Money Center	43,575	230,472	0.015	4	65	24	D-
DB	Deutsche Bk Ag Adr	Financial	Banks-Money Center	15,157	38,436	0.024	4	30	10	E
SBNY	Signature Bank	Financial	Banks-Northeast	6,411	57,301	0.025	6	82	35	E
WBS	Webster Financial Corp	Financial	Banks-Northeast	4,365	23,097	0.039	5	93	16	D+
HWC	Hancock Whitney Corp	Financial	Banks-Southeast	3,349	19,004	0.021	4	73	24	D-
SSB	South State Corp	Financial	Banks-Southeast	2,451	10,856	0.042	5	61	35	D-
BXS	Bancorpsouth Bank	Financial	Banks-Southeast	2,765	13,442	0.042	6	75	24	D-
ABCB	Ameris Bancorp	Financial	Banks-Southeast	1,672	11,050	0.045	4	97	16	D
CMA	Comerica Inc	Financial	Banks-Super Regional	11,107	140,588	0.024	5	96	18	C-
RF	Regions Financial Corp	Financial	Banks-Super Regional	14,340	181,657	0.013	5	78	19	C-
EWBC	East West Bancorp Inc	Financial	Banks-West/Southwest	6,610	42,015	0.010	5	87	15	D-
CFR	Cullen Frost Bankers Inc	Financial	Banks-West/Southwest	6,032	26,604	0.033	4	85	31	D
BOKF	B O K Financial Corp	Financial	Banks-West/Southwest	5,680	12,543	0.033	5	84	22	D
TCBI	Texas Capital Bancshares	Financial	Banks-West/Southwest	2,979	46,698	0.045	6	88	21	D+
ZION	Zions Bancorp NA	Financial	Banks-West/Southwest	8,331	100,796	0.140	5	76	24	D+
COLB	Columbia Banking System	Financial	Banks-West/Southwest	2,563	12,838	0.030	6	85	27	D
CATY	Cathay General Bancorp	Financial	Banks-West/Southwest	2,828	16,916	0.029	7	85	25	E
PB	Prosperity Bancshares	Financial	Banks-West/Southwest	4,710	21,117	0.071	4	70	37	C
ADS	Alliance Data Sys Corp	Financial	Finance-CrdtCard/PmtPr	7,465	101,513	0.040	6	77	11	D
CS	Credit Suisse Grp AG Adr	Financial	Finance-Invest Bnk/Bkrs	29,290	34,149	0.002	4	23	27	D+
SEIC	S E I Investments Co	Financial	Finance-Investment Mgmt	7,901	36,553	0.011	5	66	35	D-

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AMG	Affiliated Managers Grp	Financial	Finance-Investment Mgmt	4,500	54,209	0.025	6	48	10	E
STT	State Street Corp	Financial	Finance-Investment Mgmt	21,860	125,480	0.020	5	52	12	E
NOAH	Noah Holdings Ltd Ads	Financial	Finance-Investment Mgmt	1,711	13,509	0.248	4	77	14	E
RYN	Rayonier Inc Reit	Financial	Finance-Property REIT	3,799	16,294	0.016	3	20	33	D+
SLG	S L Green Realty Corp	Financial	Finance-Property REIT	7,328	42,247	0.030	3	13	35	C
AX	Axos Financial Inc	Financial	Finance-Savings & Loan	1,750	10,542	0.124	5	89	22	D
WU	Western Union Co	Financial	Financial Svcs-Specialty	8,377	113,315	0.103	3	62	76	B
UNM	Unum Group	Financial	Insurance-Acc & Health	7,138	71,937	0.020	4	76	37	D-
CNO	C N O Financial Group	Financial	Insurance-Acc & Health	2,591	16,361	0.019	4	41	25	D+
BHF	Brighthouse Financial	Financial	Insurance-Life	4,322	81,770	0.043	5	13	27	C
MKL	Markel Corp	Financial	Insurance-Prop/Cas/Titl	14,912	61,816	0.018	3	38	58	B+
JLL	Jones Lang Lasalle Inc	Financial	Real Estate Dvlpmt/Ops	5,896	41,735	0.023	4	63	19	D-
HCSG	Healthcare Svcs Group	Health Care	Comml Svcs-Healthcare	2,437	37,550	0.204	4	97	18	D+
REGN	Regeneron Pharmaceutical	Health Care	Medical-Biomed/Biotech	33,855	275,501	0.037	7	83	24	D-
SUPN	Supernus Pharmaceuticals	Health Care	Medical-Biomed/Biotech	1,770	19,960	0.140	4	72	15	D-
EDIT	Editas Medicine Inc	Health Care	Medical-Biomed/Biotech	1,038	17,367	0.181	3	35	21	D-
HALO	Halozyne Therapeutics	Health Care	Medical-Biomed/Biotech	2,221	12,316	0.043	3	38	27	D
BLUE	Bluebird Bio Inc	Health Care	Medical-Biomed/Biotech	6,725	59,742	0.097	3	12	25	D
IRWD	Ironwood Pharma Cl A	Health Care	Medical-Biomed/Biotech	1,727	18,121	0.103	3	27	27	C
ZGNX	Zogenix Inc	Health Care	Medical-Biomed/Biotech	1,648	34,338	0.217	6	36	22	C-
BIIB	Biogen Inc	Health Care	Medical-Biomed/Biotech	44,818	678,137	0.021	7	93	10	D
AERI	Aerie Pharmaceuticals	Health Care	Medical-Biomed/Biotech	1,804	24,110	0.110	3	33	25	B-
ALNY	Alnylam Pharmaceuticals	Health Care	Medical-Biomed/Biotech	7,079	69,241	0.064	5	10	16	E
AMGN	Amgen Inc	Health Care	Medical-Biomed/Biotech	105,153	491,974	0.016	5	81	31	E
IMMU	Immunomedics Inc	Health Care	Medical-Biomed/Biotech	2,810	37,972	0.192	4	4	19	B-
ICPT	Intercept Pharmaceutical	Health Care	Medical-Biomed/Biotech	2,531	75,029	0.246	5	33	31	D
SRPT	Sarepta Therapeutics Inc	Health Care	Medical-Biomed/Biotech	8,537	134,512	0.156	6	1	62	D-
HRTX	Heron Therapeutics Inc	Health Care	Medical-Biomed/Biotech	1,434	23,442	0.213	5	28	4	E
INVA	Innoviva Inc	Health Care	Medical-Biomed/Biotech	1,457	13,567	0.234	5	74	50	C+
FOLD	Amicus Therapeutics Inc	Health Care	Medical-Biomed/Biotech	2,732	34,870	0.081	3	9	53	D
EXEL	Exelixis Inc	Health Care	Medical-Biomed/Biotech	6,050	67,886	0.059	4	34	74	C-
MYOK	Myokardia Inc	Health Care	Medical-Biomed/Biotech	2,275	26,306	0.088	4	4	66	C
AGIO	Agios Pharmaceuticals	Health Care	Medical-Biomed/Biotech	2,917	26,630	0.182	3	24	13	C
SGEN	Seattle Genetics Inc	Health Care	Medical-Biomed/Biotech	10,982	60,625	0.084	5	24	79	C-
FGEN	Fibrogen Inc	Health Care	Medical-Biomed/Biotech	3,020	30,770	0.047	4	35	8	D-
ALKS	Alkermes Plc	Health Care	Medical-Biomed/Biotech	3,852	28,846	0.028	5	12	7	D-
EBS	Emergent Biosolutions	Health Care	Medical-Biomed/Biotech	2,222	26,475	0.080	9	42	9	D-

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RGNX	Regenxbio Inc	Health Care	Medical-Biomed/Biotech	1,574	22,797	0.132	6	27	18	D-
BGNE	Beigene Ltd Ads	Health Care	Medical-Biomed/Biotech	7,842	37,736	0.068	3	5	22	C
UTHR	United Therapeutics Corp	Health Care	Medical-Biomed/Biotech	3,746	47,825	0.097	3	59	12	D-
BMRN	Biomarin Pharmaceutical	Health Care	Medical-Biomed/Biotech	15,620	104,474	0.051	5	28	40	B-
XLRN	Acceleron Pharma Inc	Health Care	Medical-Biomed/Biotech	2,246	13,118	0.100	4	11	58	C
RARE	Ultragenyx Pharma	Health Care	Medical-Biomed/Biotech	3,300	31,751	0.090	4	12	35	D-
ATRA	Atara Biotherapeutics	Health Care	Medical-Biomed/Biotech	1,070	14,475	0.154	4	8	4	D
GILD	Gilead Sciences Inc	Health Care	Medical-Biomed/Biotech	85,220	465,686	0.011	4	55	47	D+
NBIX	Neurocrine Biosciences	Health Care	Medical-Biomed/Biotech	7,209	71,811	0.040	3	21	27	D-
AIMT	Aimmune Therapeutics Inc	Health Care	Medical-Biomed/Biotech	1,246	11,129	0.237	3	20	15	D-
BMJ	Bristol-Myers Squibb Co	Health Care	Medical-Ethical Drugs	77,294	808,572	0.056	5	94	27	B-
ABBV	AbbVie Inc	Health Care	Medical-Ethical Drugs	119,998	453,632	0.015	4	94	33	B-
AZN	Astrazeneca Plc Ads	Health Care	Medical-Ethical Drugs	98,395	210,807	0.008	5	79	50	D+
GSK	Glaxosmithkline Plc Adr	Health Care	Medical-Ethical Drugs	107,498	98,144	0.003	4	58	50	D+
TXMD	TherapeuticsMD Inc	Health Care	Medical-Ethical Drugs	759	9,440	0.406	5	7	4	E
MNK	Mallinckrodt Plc	Health Care	Medical-Ethical Drugs	751	22,791	0.312	5	83	1	E
AGN	Allergan plc	Health Care	Medical-Ethical Drugs	45,418	291,632	0.010	5	67	31	C
GRFS	Grifols Sa CI B Ads	Health Care	Medical-Ethical Drugs	4,731	16,593	0.007	5	43	27	C+
PFE	Pfizer Inc	Health Care	Medical-Ethical Drugs	232,399	974,663	0.009	5	71	71	D+
TEVA	Teva Pharmaceutical Ads	Health Care	Medical-Generic Drugs	12,368	148,851	0.017	5	20	4	E
MYL	Mylan N V	Health Care	Medical-Generic Drugs	9,971	139,450	0.017	6	50	4	D-
SEM	Select Medical Holdings	Health Care	Medical-Hospitals	2,005	9,404	0.020	5	35	24	D+
HCA	H C A Healthcare Inc	Health Care	Medical-Hospitals	43,581	244,420	0.018	6	91	53	B+
UHS	Universal Health Svcs B	Health Care	Medical-Hospitals	10,316	95,736	0.035	6	77	50	C
THC	Tenet Healthcare Corp	Health Care	Medical-Hospitals	2,304	35,054	0.087	5	16	22	C-
CI	Cigna Corp	Health Care	Medical-Managed Care	37,051	439,906	0.016	5	78	16	D-
UNH	Unitedhealth Group Inc	Health Care	Medical-Managed Care	235,025	1,529,676	0.007	6	95	43	B-
HUM	Humana Inc	Health Care	Medical-Managed Care	34,828	409,737	0.017	6	95	21	D+
DVA	Davita Healthcare Prtns	Health Care	Medical-Outpnt/Hm Care	8,009	79,342	0.042	3	36	14	C-
EHC	Encompass Health Corp	Health Care	Medical-Outpnt/Hm Care	5,917	59,431	0.034	4	88	24	D
LIVN	Livanova Plc	Health Care	Medical-Products	1,861	49,922	0.044	5	80	10	C
MDT	Medtronic Plc	Health Care	Medical-Products	121,642	492,325	0.007	6	74	47	D+
QDEL	Quidel Corp	Health Care	Medical-Products	2,253	10,485	0.098	5	81	22	C-
ZBH	Zimmer Biomet Hldgs Inc	Health Care	Medical-Products	23,312	144,916	0.012	3	56	43	D-
ABMD	Abiomed Inc	Health Care	Medical-Products	11,971	224,596	0.054	4	98	12	C
GHDX	Genomic Health Inc	Health Care	Medical-Products	1,993	31,676	0.081	7	76	29	E
STAA	Staar Surgical Co	Health Care	Medical-Products	1,096	11,543	0.041	6	75	8	D

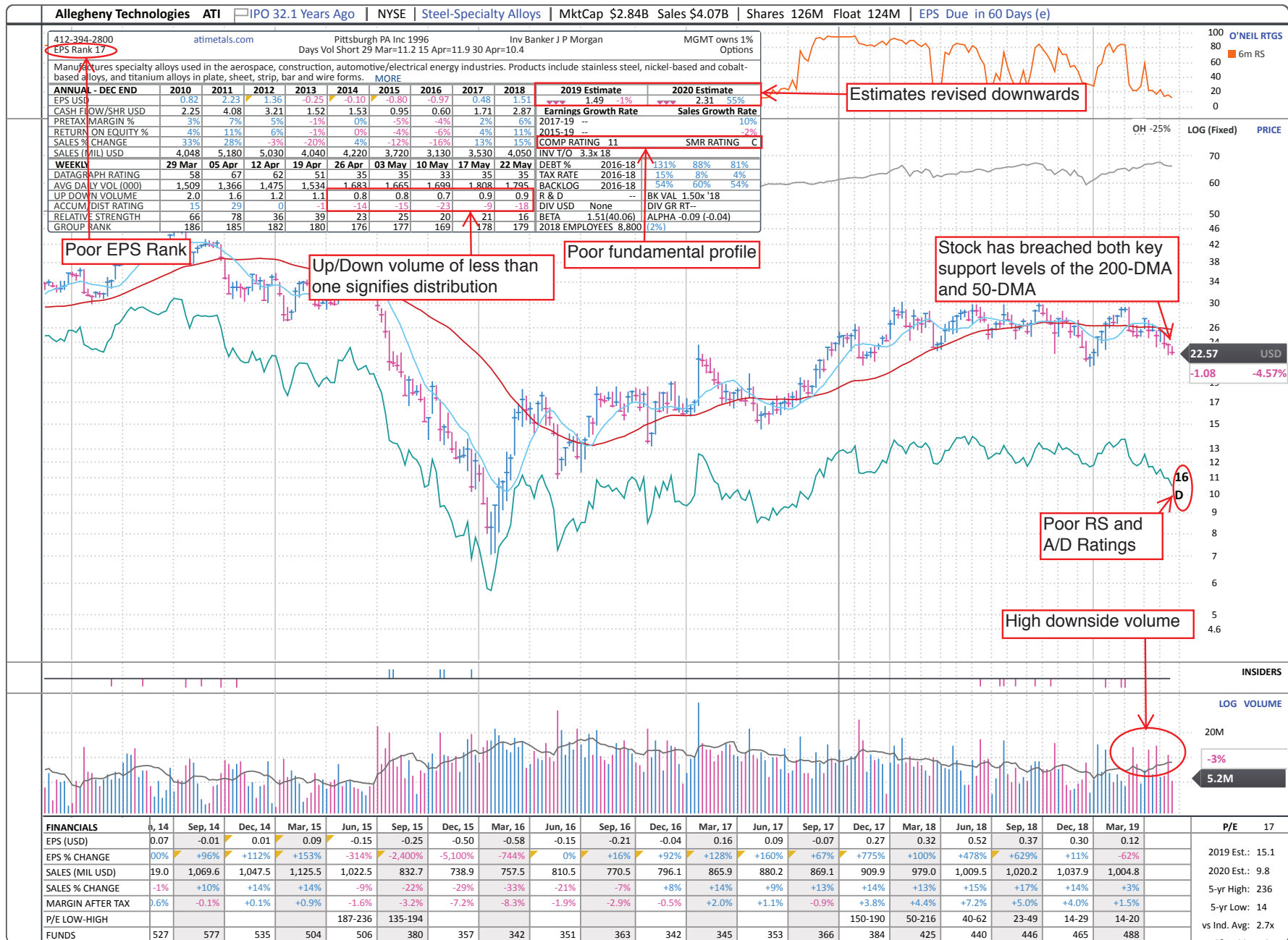
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ICUI	I C U Medical Inc	Health Care	Medical-Products	4,602	47,891	0.045	6	82	24	E
MYGN	Myriad Genetics	Health Care	Medical-Research Eqp/Svc	1,812	22,073	0.226	4	58	9	C-
IRTC	Irhythm Technologies Inc	Health Care	Medical-Services	1,634	40,431	0.213	7	29	20	D
PDCO	Patterson Companies Inc	Health Care	Medical-Supplies	2,103	16,321	0.131	4	28	47	C
AVNS	Avanos Medical Inc	Health Care	Medical-Supplies	1,984	14,029	0.056	5	75	16	D-
CMD	Cantel Medical Corp	Health Care	Medical-Systems/Equip	2,856	18,971	0.055	4	74	11	D-
DXCM	Dexcom Inc	Health Care	Medical-Systems/Equip	10,503	160,467	0.058	6	66	47	C+
CAH	Cardinal Health Inc	Health Care	Medical-Whlsle Drg/Suppl	13,803	151,588	0.058	3	64	24	B-
URBN	Urban Outfitters Inc	Retail	Retail-Apparel/Shoes/Acc	2,562	73,305	0.140	4	56	8	D-
GPS	Gap Inc Del	Retail	Retail-Apparel/Shoes/Acc	8,282	102,607	0.135	6	67	14	E
AEO	American Eagle Outfitters	Retail	Retail-Apparel/Shoes/Acc	3,258	72,514	0.104	5	83	24	E
DDS	Dillards Inc	Retail	Retail-Department Stores	1,271	20,453	0.366	5	46	16	C
KSS	Kohls Corp	Retail	Retail-Department Stores	8,419	212,766	0.180	6	59	15	E
JWN	Nordstrom Inc	Retail	Retail-Department Stores	5,351	111,631	0.206	5	41	8	D
BIG	Big Lots Inc	Retail	Retail-Discoun&Variety	1,195	38,582	0.182	4	60	16	D-
WBA	Walgreens Boots Alliance	Retail	Retail-Drug Stores	47,594	376,260	0.029	6	78	12	E
CVS	C V S Health Corp	Retail	Retail-Drug Stores	68,739	677,143	0.016	5	81	15	D-
RH	R H	Retail	Retail-Home Furnishings	1,834	134,542	0.438	7	96	10	D-
WSM	Williams Sonoma Inc	Retail	Retail-Home Furnishings	4,178	91,345	0.227	4	83	50	C
GRPN	Groupon Inc	Retail	Retail-Internet	1,999	12,916	0.058	4	60	43	C-
CARS	Cars.com Inc	Retail	Retail-Internet	1,439	24,422	0.268	5	63	22	B-
PDD	Pinduoduo Inc Cl A Ads	Retail	Retail-Internet	15,524	196,928	0.102	7	3	19	E
TGT	Target Corporation	Retail	Retail-Major Disc Chains	40,790	381,021	0.051	5	76	76	C
CAKE	Cheesecake Factory Inc	Retail	Retail-Restaurants	2,093	35,260	0.230	3	68	53	C
BLMN	Bloomin' Brands Inc	Retail	Retail-Restaurants	1,692	23,430	0.042	4	79	47	C-
CBRL	Cracker Barrl Old Cnt St	Retail	Retail-Restaurants	3,992	60,240	0.133	5	80	71	B-
TXRH	Texas Roadhouse Inc	Retail	Retail-Restaurants	3,691	56,628	0.077	5	79	24	C-
JACK	Jack In The Box Inc	Retail	Retail-Restaurants	2,097	49,186	0.141	4	85	53	B
EAT	Brinker International	Retail	Retail-Restaurants	1,473	37,816	0.353	4	72	33	D
EYE	National Vision Holdings	Retail	Retail-Specialty	2,174	22,798	0.107	5	88	12	C-
SBH	Sally Beauty Holdings	Retail	Retail-Specialty	1,967	23,118	0.182	7	65	43	D-
MIK	Michaels Companies Inc	Retail	Retail-Specialty	1,530	27,655	0.153	5	87	5	D-
BID	Sothebys	Retail	Retail-Specialty	1,757	16,382	0.199	6	38	24	D
CBD	Companhia Brasileira Adr	Retail	Retail-Super/Mini Mkts	3,346	14,881	0.009	6	71	33	C+
KR	Kroger Co	Retail	Retail-Super/Mini Mkts	19,074	184,104	0.042	7	55	20	D-
SFM	Sprouts Farmers Market	Retail	Retail-Super/Mini Mkts	2,545	36,516	0.109	6	76	21	B
AN	Autonation Inc	Retail	Retail/Whlsle-Automobile	3,557	37,826	0.090	6	62	47	B-

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
AIT	Applied Industrial Tech	Retail	Retail/Whlsle-Bldg Prds	2,109	9,255	0.013	4	80	20	C+
GWW	Grainger W W Inc	Retail	Retail/Whlsle-Bldg Prds	14,552	118,974	0.058	6	73	18	D-
MSM	M S C Industrial Drct	Retail	Retail/Whlsle-Bldg Prds	3,263	30,920	0.045	5	82	20	E
TIF	Tiffany & Co	Retail	Retail/Whlsle-Jewelry	11,694	166,689	0.078	4	48	35	D-
ODP	Office Depot Inc	Retail	Retail/Whlsle-Office Sup	1,054	13,941	0.035	6	68	7	E
CLDR	Cloudera Inc	Technology	Comp Sftwr-Spec Enterprs	2,691	52,483	0.079	5	12	15	D
BOX	Box Inc Cl A	Technology	Computer Sftwr-Database	2,793	30,703	0.040	2	60	22	C-
CVLT	Commvault Systems Inc	Technology	Computer Sftwr-Database	2,187	30,827	0.039	3	78	11	D-
SPOT	Spotify Technology S A	Technology	Computer Sftwr-Edu/Media	22,233	189,224	0.034	5	53	19	D-
NTNX	Nutanix Inc Class A	Technology	Computer Sftwr-Enterprse	5,287	132,612	0.072	3	13	10	D+
BB	BlackBerry Limited	Technology	Computer Sftwr-Enterprse	4,415	35,620	0.036	3	74	27	D+
AVYA	Avaya Holdings Corp	Technology	Computer Sftwr-Enterprse	1,502	27,753	0.094	3	29	14	D+
LOGM	Logmein Inc	Technology	Computer Sftwr-Enterprse	3,823	53,832	0.052	4	88	24	C+
EPAY	Bottomline Technologies	Technology	Computer Sftwr-Financial	1,920	11,519	0.020	4	56	25	D-
BNFT	Benefitfocus Inc	Technology	Computer Sftwr-Medical	951	18,721	0.158	6	52	8	D+
SAIL	Sailpoint Tech Holdings	Technology	Computer Sftwr-Security	1,635	22,193	0.019	7	16	8	D
TENB	Tenable Holdings Inc	Technology	Computer Sftwr-Security	2,841	25,497	0.108	4	20	66	C+
TDC	Teradata Corp	Technology	Computer-Data Storage	4,067	41,823	0.093	7	45	22	C-
MU	Micron Technology Inc	Technology	Computer-Data Storage	37,013	937,717	0.030	5	69	13	D-
SIMO	Silicon Motion Tech Ads	Technology	Computer-Data Storage	1,379	13,306	0.021	5	58	27	C-
HPQ	H P Inc	Technology	Computer-Hardware/Perip	29,129	223,421	0.011	4	50	19	D-
JNPR	Juniper Networks Inc	Technology	Computer-Networking	8,729	89,680	0.079	4	55	37	D
DXC	Dxc Technology Company	Technology	Computer-Tech Services	14,141	90,008	0.019	3	58	12	E
FLEX	Flex Ltd	Technology	Elec-Contract Mfg	4,959	57,108	0.024	4	55	27	E
TTMI	T T M Technologies Inc	Technology	Elec-Contract Mfg	1,012	10,353	0.121	7	63	10	E
IDCC	Interdigital Inc	Technology	Elec-Misc Products	2,135	22,762	0.046	4	13	22	D
NVDA	Nvidia Corp	Technology	Elec-Semiconductor Fablss	89,297	1,987,352	0.025	4	56	19	D-
AMBA	Ambarella Inc	Technology	Elec-Semiconductor Fablss	1,238	20,125	0.163	1	14	53	D-
MXIM	Maxim Integrated Prods	Technology	Elec-Semiconductor Fablss	14,613	95,815	0.027	4	55	40	D-
MKSI	M K S Instruments Inc	Technology	Elec-Semiconductor Equip	4,009	48,182	0.033	5	62	21	D-
COHR	Coherent Inc	Technology	Elec-Semiconductor Equip	2,774	41,811	0.085	3	54	16	D
QRVO	Qorvo Inc	Technology	Elec-Semiconductor Mfg	7,348	91,366	0.031	3	79	21	E
SWKS	Skyworks Solutions Inc	Technology	Elec-Semiconductor Mfg	11,591	139,623	0.028	5	62	16	E
STM	Stmicroelectronics N V	Technology	Elec-Semiconductor Mfg	14,023	65,689	0.007	4	79	33	C-
ON	O N Semiconductor Corp	Technology	Elec-Semiconductor Mfg	7,300	128,426	0.061	4	87	20	E
LFUS	Littelfuse Inc	Technology	Electronic-Parts	4,133	27,237	0.037	5	66	22	D-
VSH	Vishay Intertechnology	Technology	Electronic-Parts	2,082	21,695	0.101	4	95	11	D-

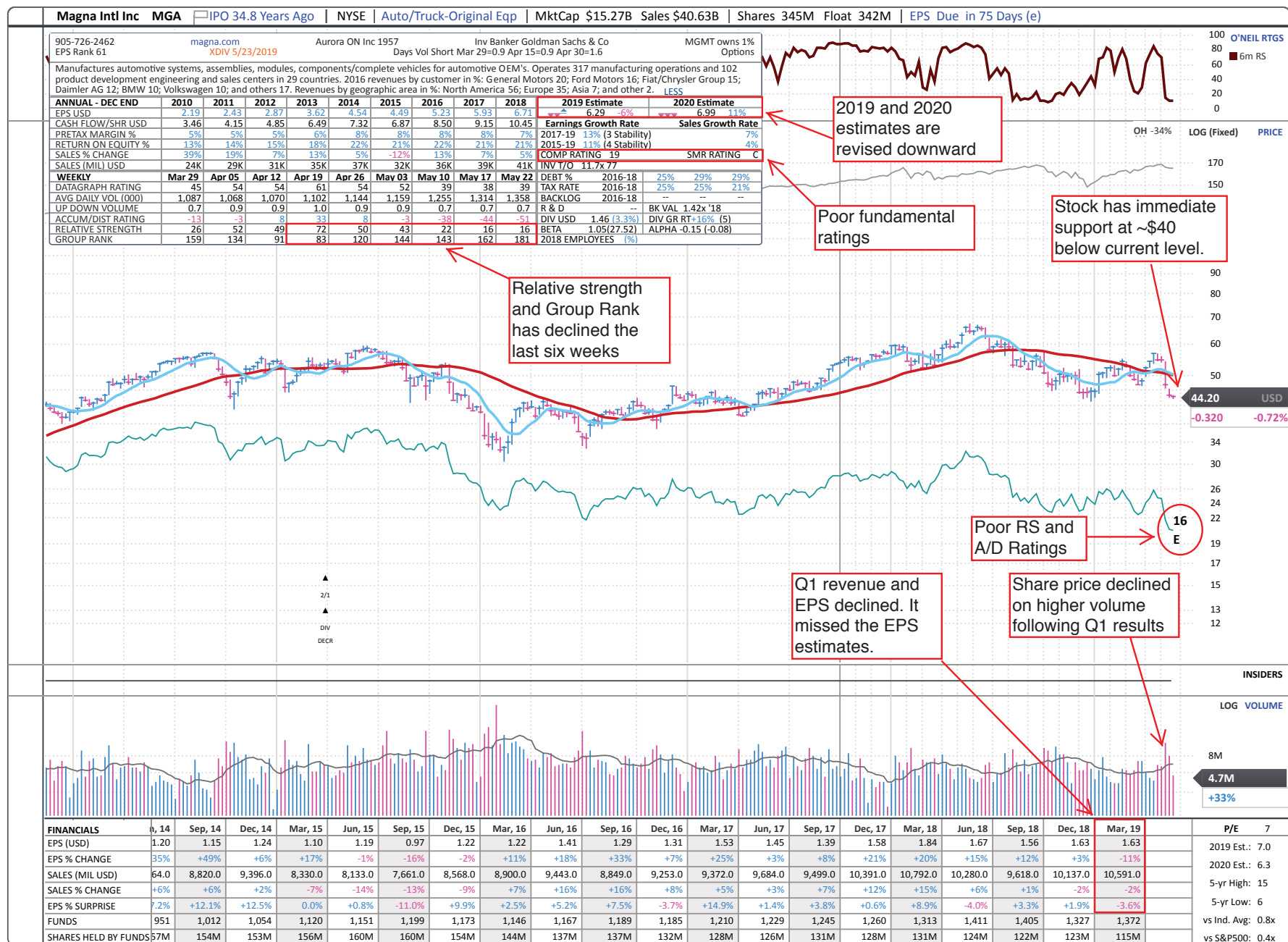
Symbol	Name	Sector Name	Industry Group Name	Market Value, USD (Mil)	Avg Daily Dollar Vol (000), USD	Short Interest, % of Float	Negative Alert Score, 10 Wks	EPS Rank	RS Rating	A/D Rating
KEM	Kemet Corp	Technology	Electronic-Parts	983	18,306	0.122	4	99	22	D
IIVI	Ii-Vi Incorporated	Technology	Electronic-Parts	2,006	25,256	0.124	4	98	16	C
ARW	Arrow Electronics Inc	Technology	Electronic-Parts	5,521	39,441	0.026	6	64	21	D-
RDFN	Redfin Corporation	Technology	Internet-Content	1,546	18,463	0.253	3	4	40	C-
MOMO	Momo Inc Ads Cl A	Technology	Internet-Content	5,620	107,288	0.031	4	88	14	D-
SINA	Sina Corporation	Technology	Internet-Content	2,910	39,904	0.028	4	82	8	E
CARG	Cargurus Inc Cl A	Technology	Internet-Content	3,204	32,908	0.162	4	74	31	E
YELP	Yelp Inc	Technology	Internet-Content	2,511	52,251	0.134	3	96	19	C-
BILI	Bilibili Inc Cl Z Ads	Technology	Internet-Content	4,406	71,771	0.061	4	1	66	D+
ANGI	ANGI Homeservices Cl A	Technology	Internet-Content	1,199	17,187	0.138	4	75	21	C-
WUBA	58.com Inc Cl A Ads	Technology	Internet-Content	7,119	49,592	0.019	2	68	18	D-
YY	YY Inc	Technology	Internet-Content	3,211	67,691	0.044	4	76	24	E
FFIV	F 5 Networks Inc	Technology	Internet-Network Sltns	8,151	86,908	0.080	5	90	16	D+
KT	K T Corp Adr	Technology	Telecom Svcs- Foreign	5,659	10,285	0.003	6	54	22	E
TSU	T I M Participacoes Ads	Technology	Telecom Svcs- Foreign	6,304	11,982	0.012	5	23	18	D-
CHL	China Mobile Ltd Adr	Technology	Telecom Svcs- Foreign	184,771	48,120	0.001	8	41	37	D-
SIRI	Sirius X M Holdings Inc	Technology	Telecom Svcs-Cable/Satl	25,340	162,997	0.126	3	83	24	D
TDS	Telephone & Data Sys Inc	Technology	Telecom Svcs-Wireless	3,252	23,750	0.032	5	84	40	C-
COMM	Commscope Holding Co Inc	Technology	Telecom-Infrastructure	3,393	51,044	0.038	4	54	11	C
FDX	Fedex Corp	Transportation	Transport-Air Freight	41,416	331,322	0.022	5	81	12	E
ATSG	Air Transport Svcs Grp	Transportation	Transport-Air Freight	1,297	8,693	0.040	4	93	62	C
UPS	United Parcel Svc Cl B	Transportation	Transport-Air Freight	66,937	294,245	0.017	4	68	22	D+
AAWW	Atlas Air Worldwide Hldg	Transportation	Transport-Air Freight	988	10,742	0.090	3	84	7	D
ALGT	Allegiant Travel Company	Transportation	Transportation-Airline	2,319	23,438	0.057	5	55	79	B+
DAL	Delta Air Lines Inc	Transportation	Transportation-Airline	36,629	328,620	0.031	4	90	62	C-
ALK	Alaska Air Group Inc	Transportation	Transportation-Airline	7,521	85,571	0.060	5	66	43	C
JBLU	Jetblue Airways Corp	Transportation	Transportation-Airline	5,303	88,488	0.042	4	72	47	B-
SKYW	Skywest Inc	Transportation	Transportation-Airline	3,029	13,465	0.018	3	97	76	C
AAL	American Airlines Group	Transportation	Transportation-Airline	13,220	184,292	0.050	5	32	16	D
LUV	Southwest Airlines Co	Transportation	Transportation-Airline	27,718	221,278	0.015	5	81	47	B
HA	Hawaiian Holdings Inc	Transportation	Transportation-Airline	1,247	21,691	0.122	5	61	11	D
RYAAY	Ryanair Hldgs Plc Adr	Transportation	Transportation-Airline	16,029	40,700	0.004	5	34	16	D-
CPA	Copa Holdings Sa	Transportation	Transportation-Airline	3,091	32,372	0.037	4	16	66	B-
XPO	X P O Logistics Inc	Transportation	Transportation-Logistics	5,121	141,580	0.176	4	36	13	D-
SNDR	Schneider National Cl B	Transportation	Transportation-Logistics	1,741	12,171	0.078	5	80	12	C
HUBG	Hub Group Inc Cl A	Transportation	Transportation-Logistics	1,360	10,114	0.015	3	85	24	C
CHRW	C H Robinson Worldwide	Transportation	Transportation-Logistics	11,118	105,761	0.078	4	87	27	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
KEX	Kirby Corp	Transportation	Transportation-Ship	4,937	40,405	0.070	3	69	76	C+
JBHT	Hunt J B Trans Svcs Inc	Transportation	Transportation-Truck	9,993	108,654	0.022	6	67	16	E
WERN	Werner Enterprises Inc	Transportation	Transportation-Truck	2,091	22,612	0.183	4	75	40	B
KNX	Knight-Swift Trans Hldg	Transportation	Transportation-Truck	5,322	61,387	0.200	4	76	25	C-
SAIA	Saia Inc	Transportation	Transportation-Truck	1,660	12,361	0.082	4	88	33	D+
ARCB	Arcbest Corporation	Transportation	Transportation-Truck	697	7,681	0.161	6	66	7	E
FWRD	Forward Air Corp	Transportation	Transportation-Truck	1,665	10,361	0.020	5	85	35	E
SJI	South Jersey Industries	Utility	Utility-Diversified	3,035	19,942	0.075	2	31	71	A-
PAM	Pampa Energia Sa Adr	Utility	Utility-Electric Power	1,965	17,474	0.067	4	31	9	B-

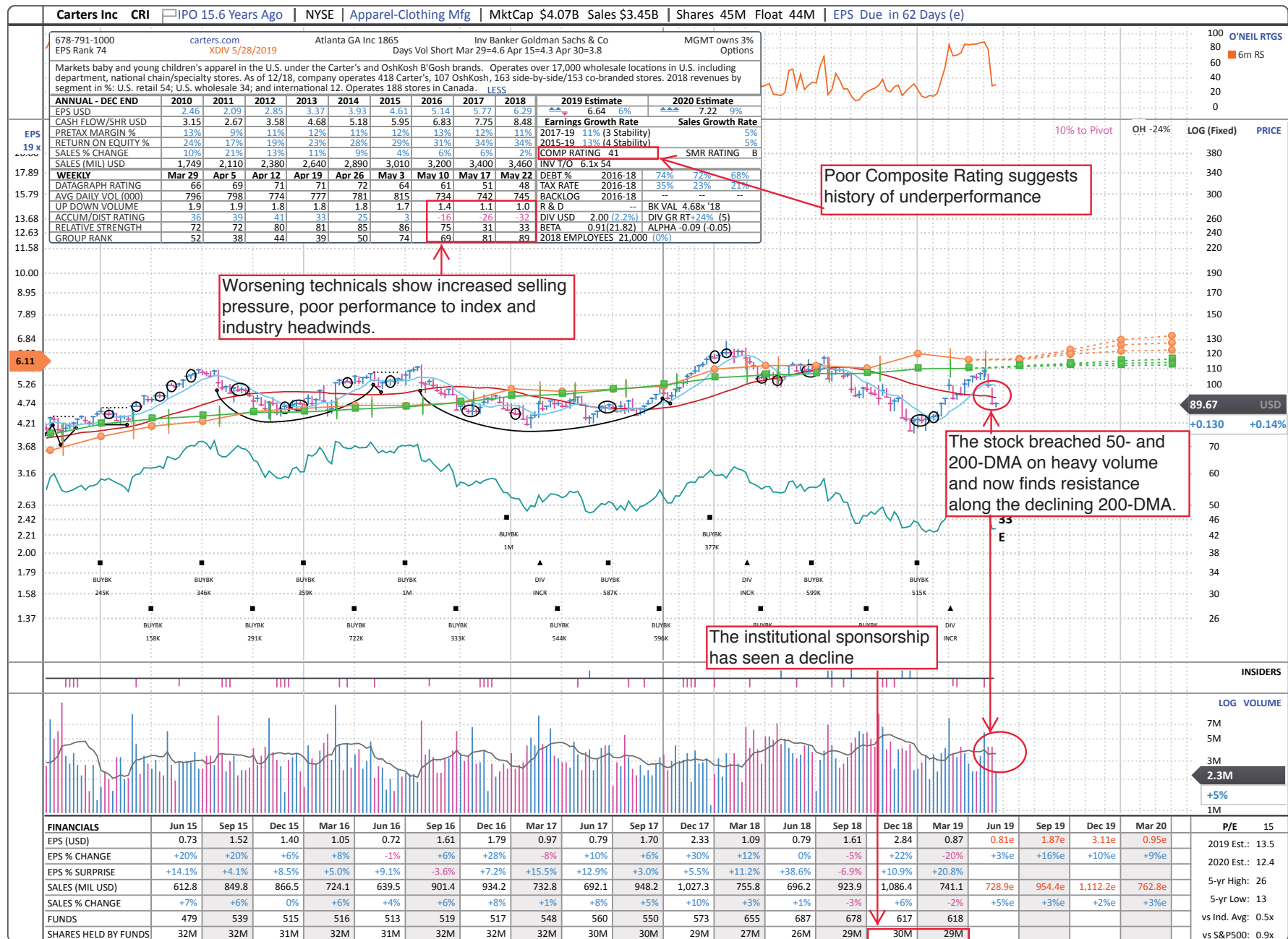
U.S. — Basic Material — Highlighted Laggard



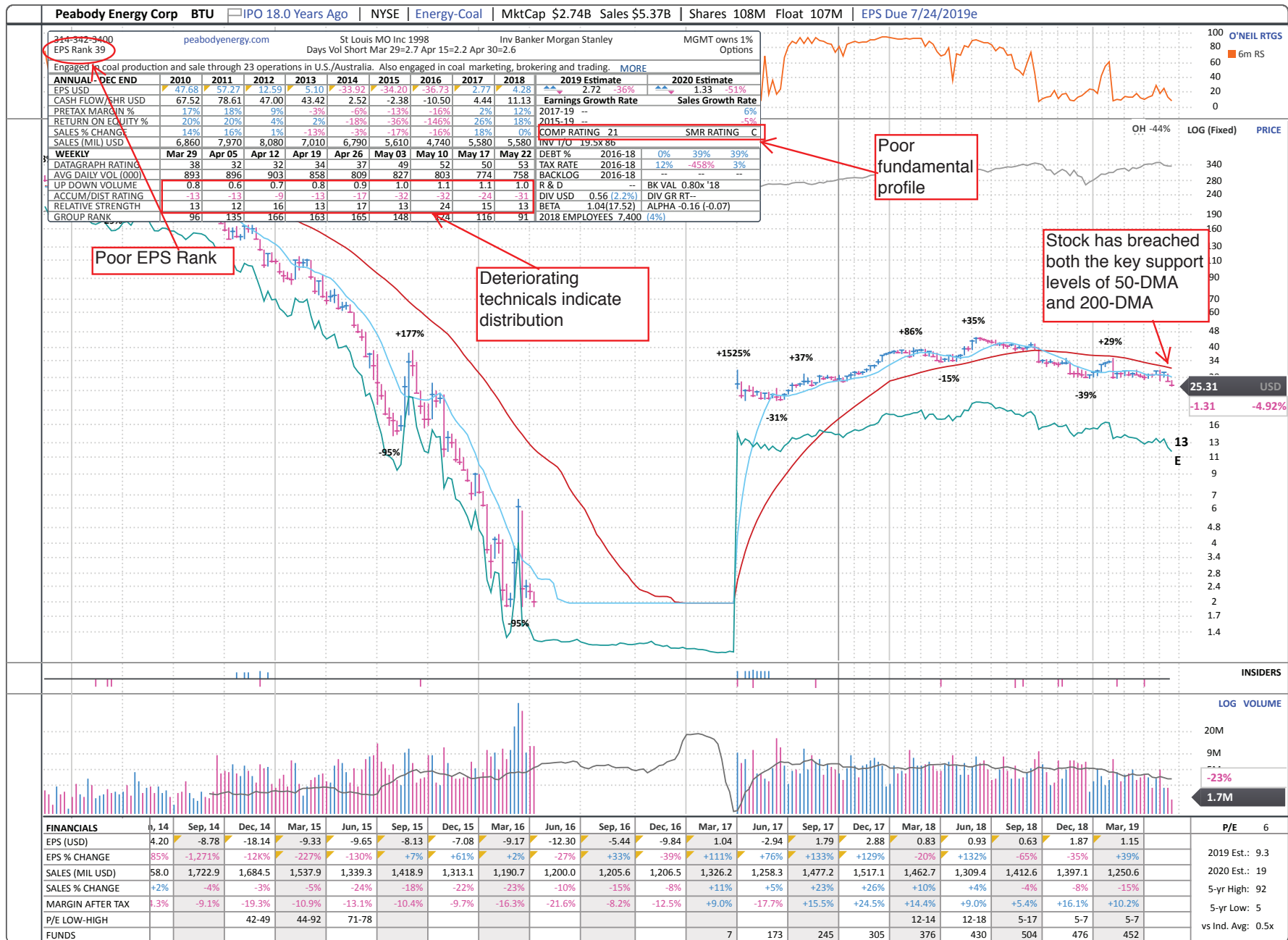
U.S. — Consumer Cyclical — Highlighted Laggard



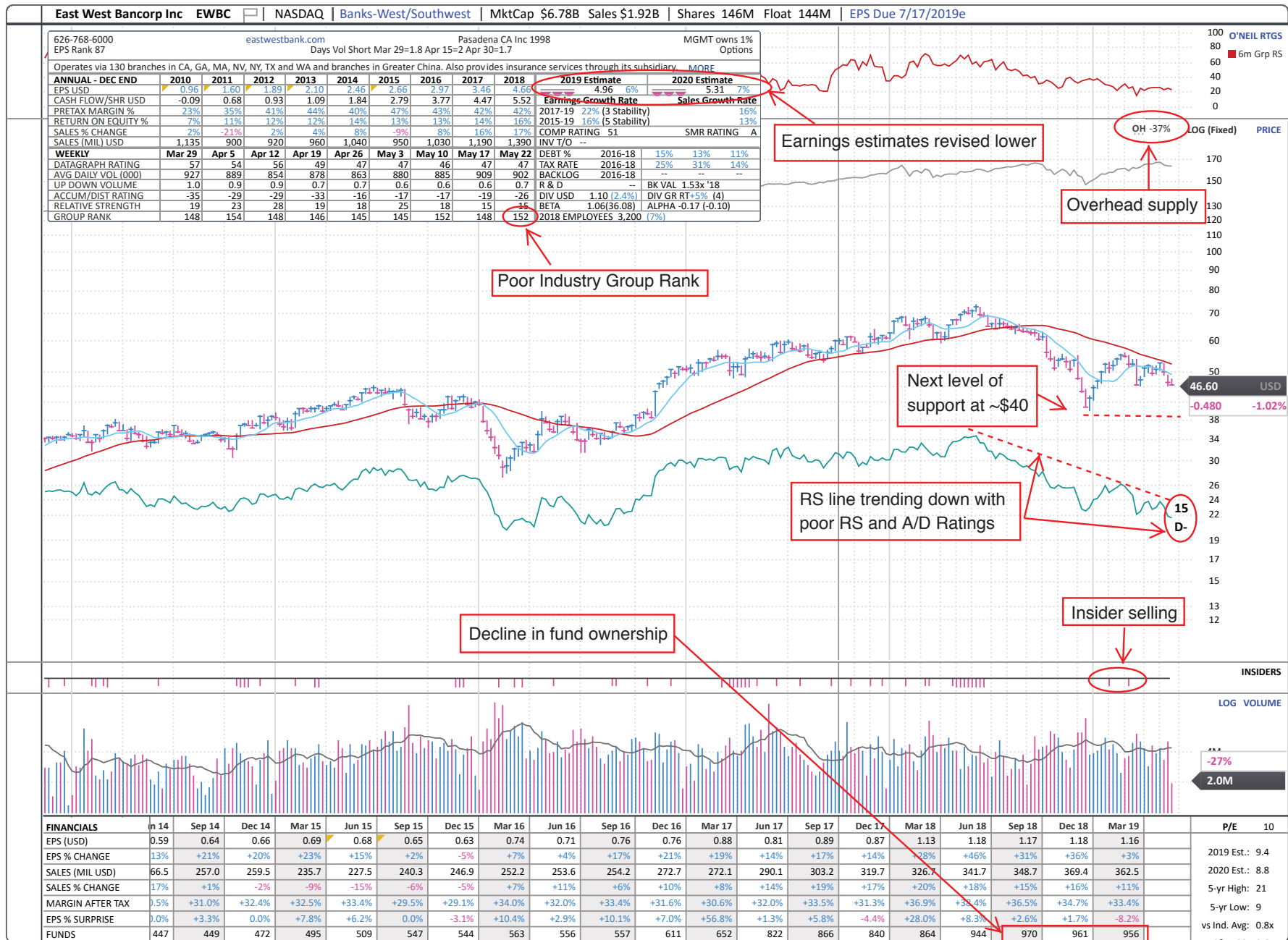
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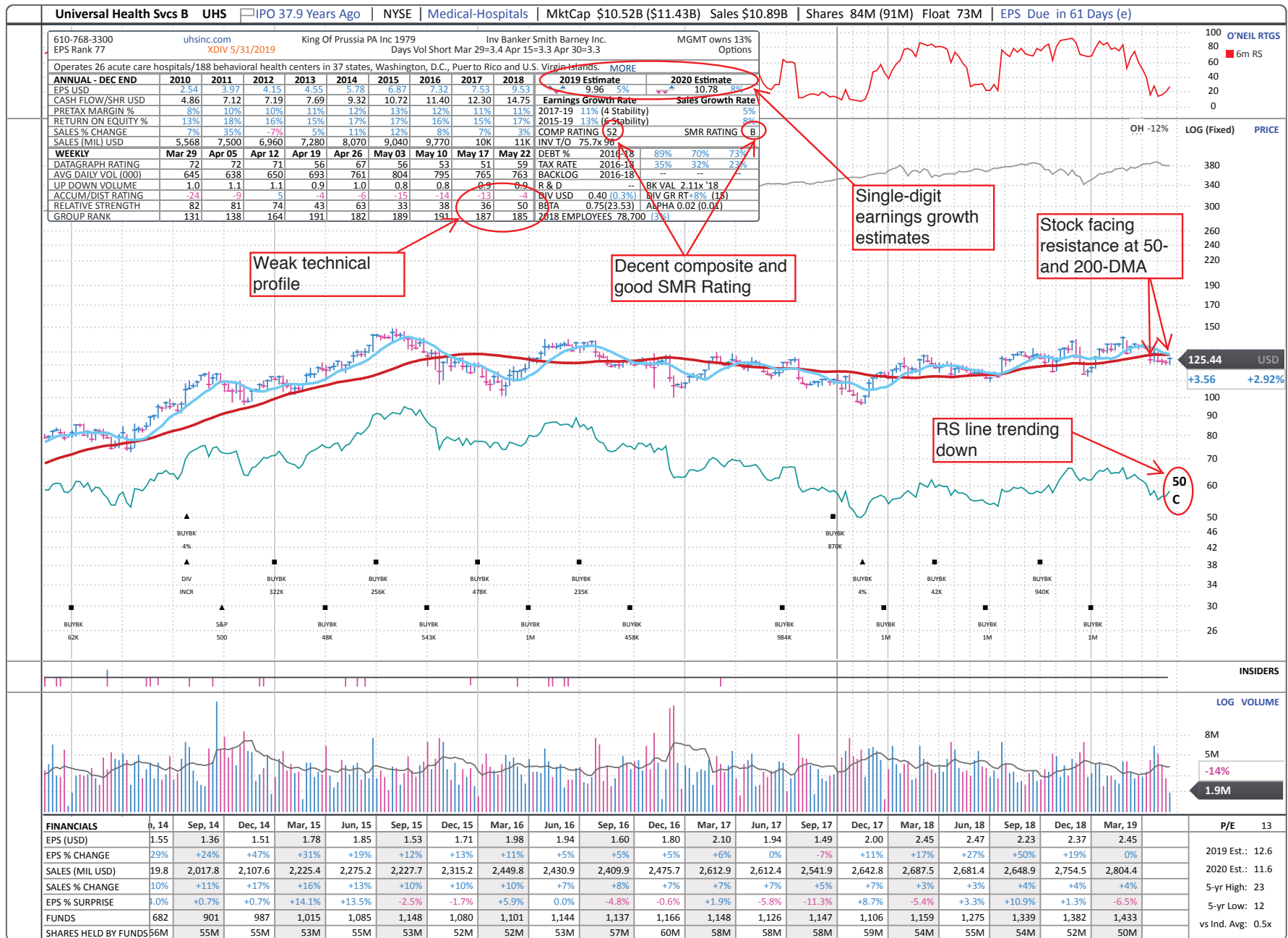
U.S. — Energy — Highlighted Laggard



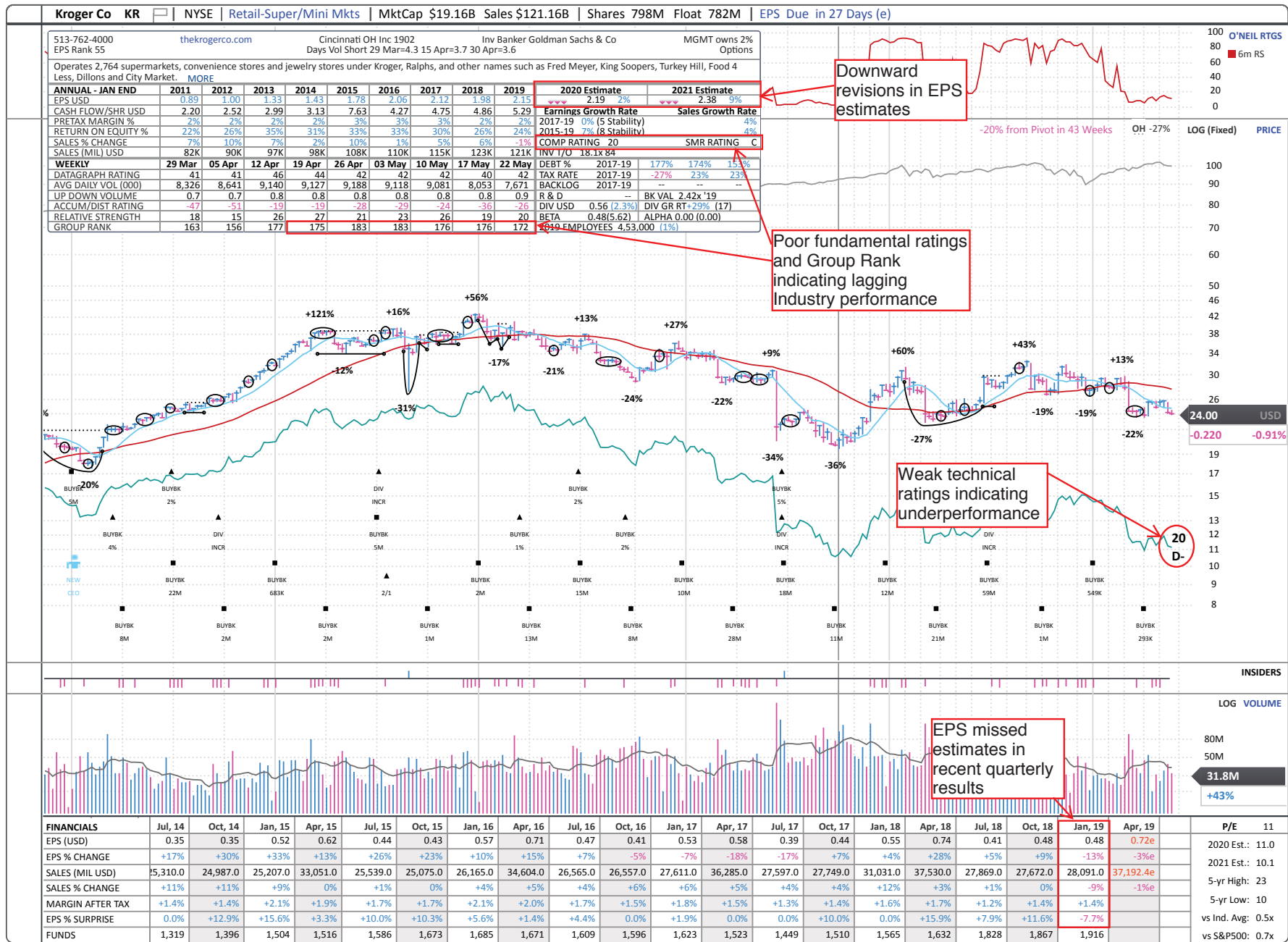
U.S. — Financial — Highlighted Laggard



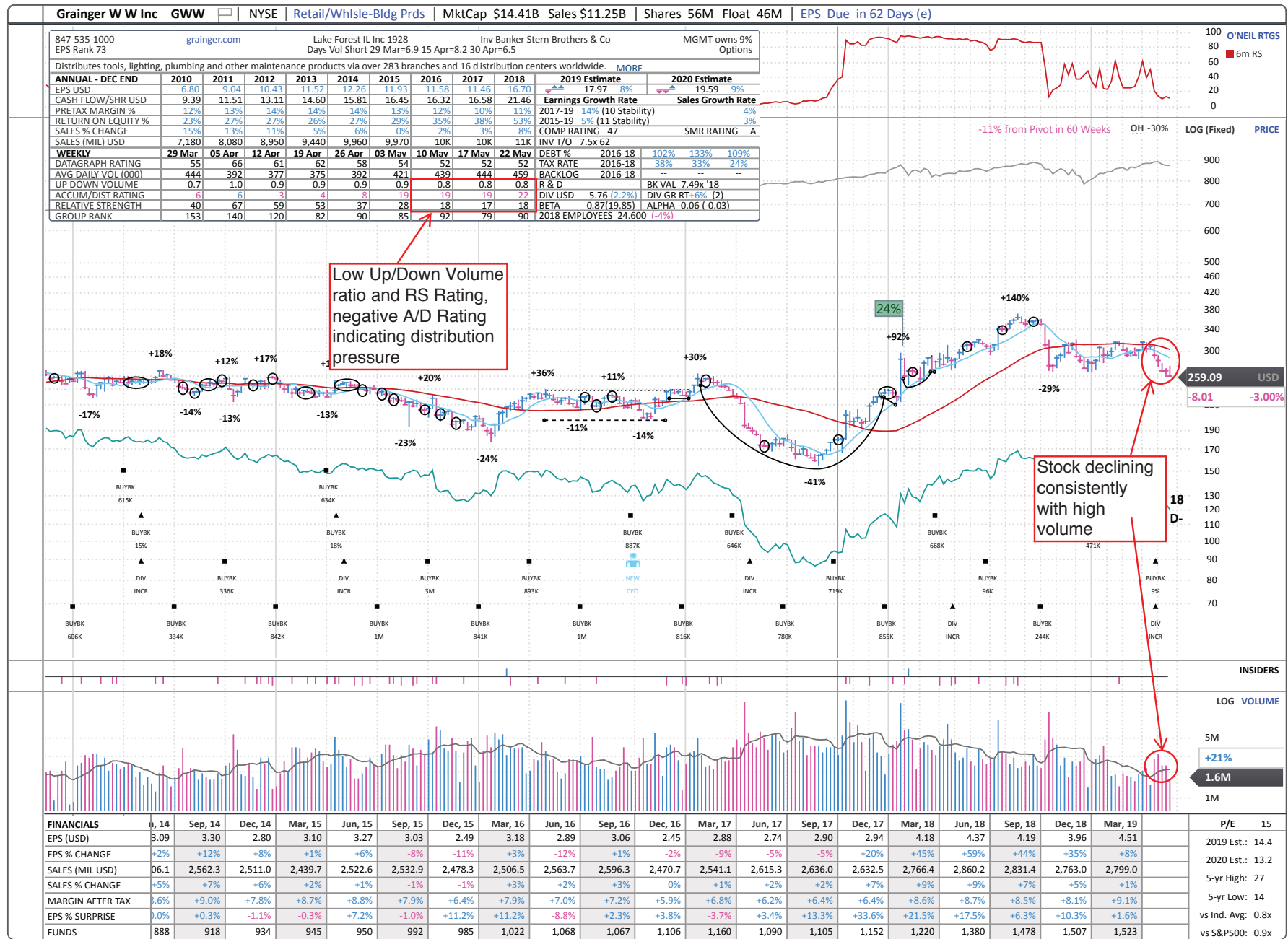
U.S. — Health Care — Highlighted Laggard



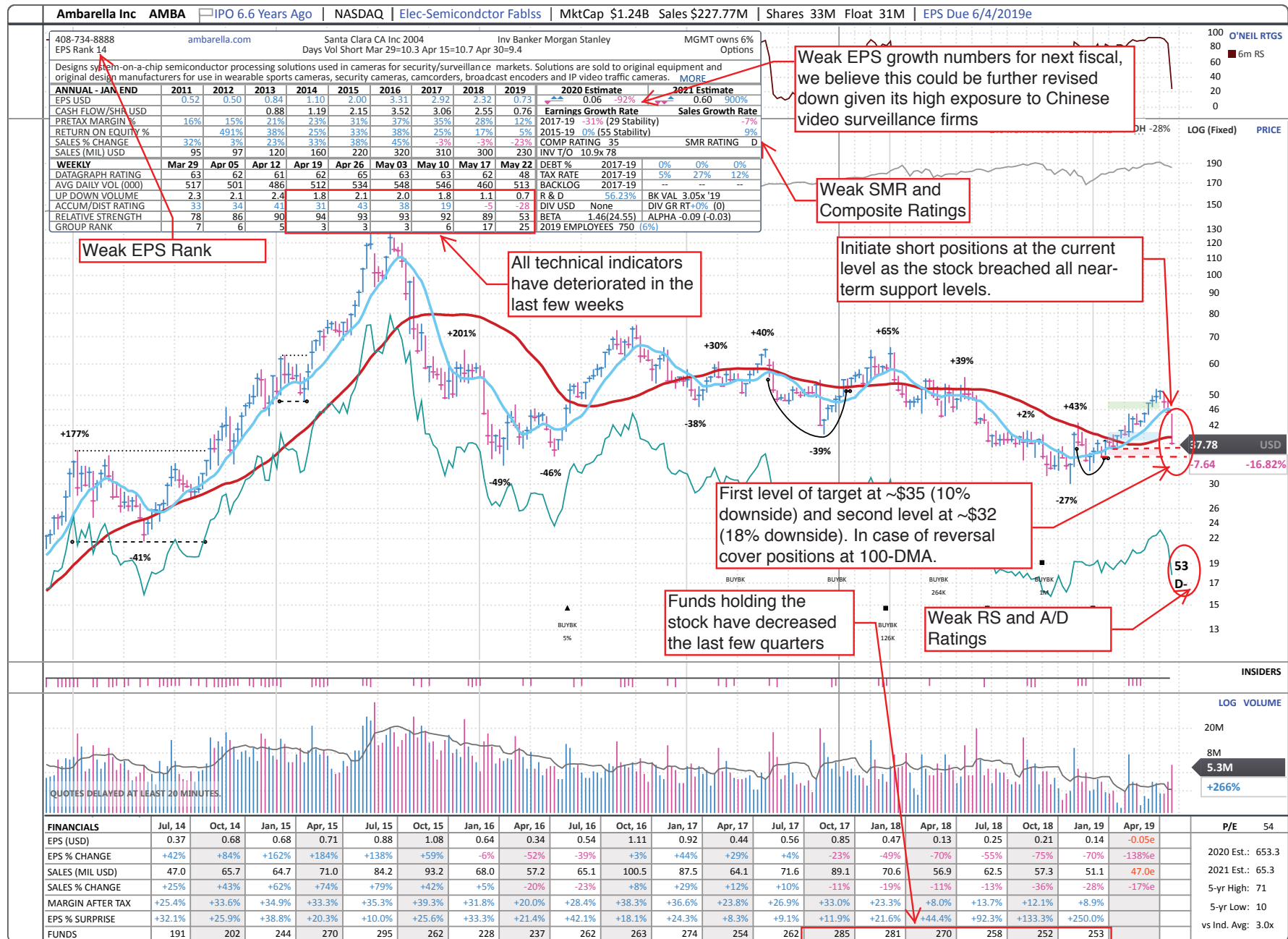
U.S. — Retail — Highlighted Laggard



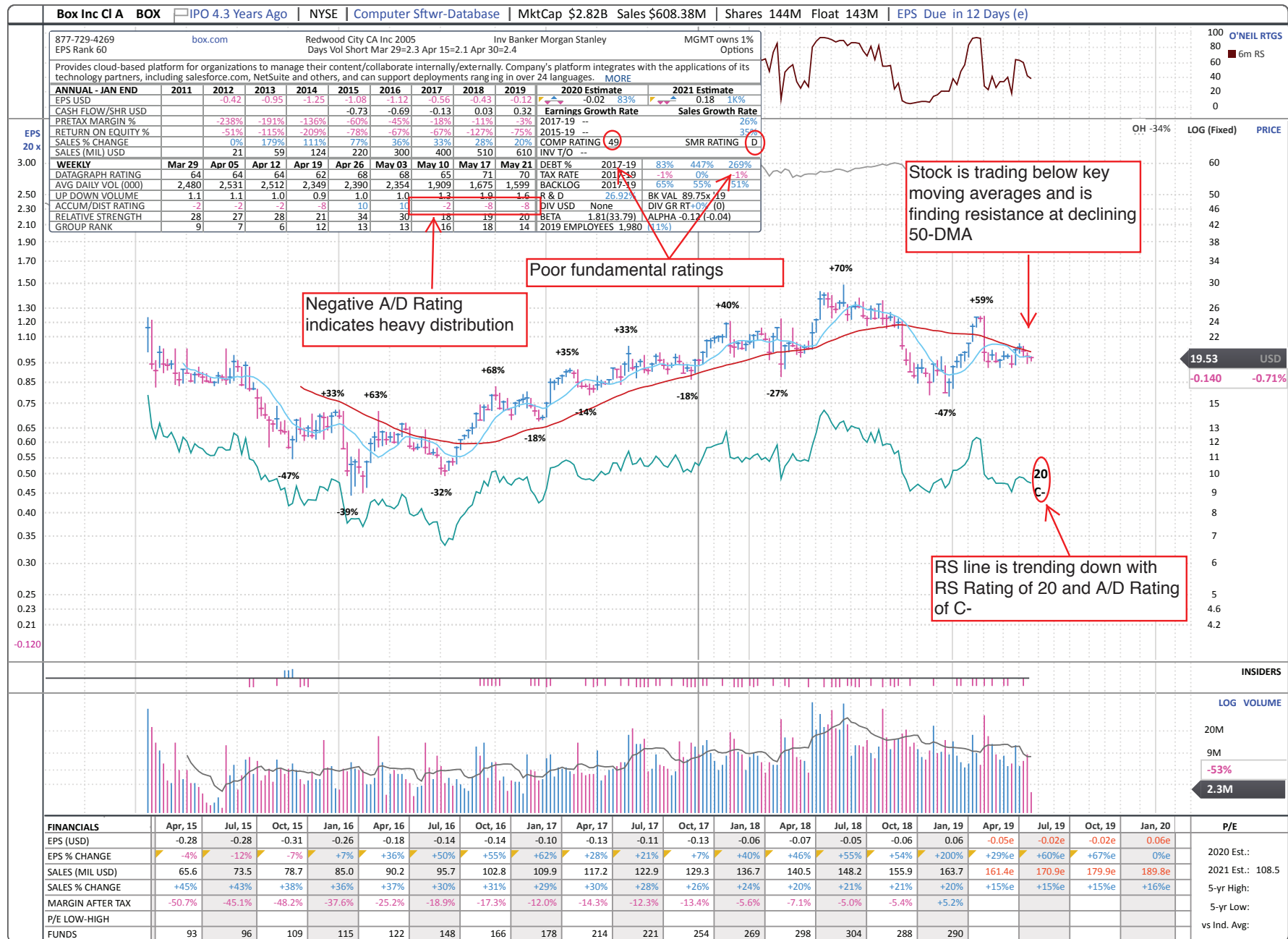
U.S. — Retail — Highlighted Laggard



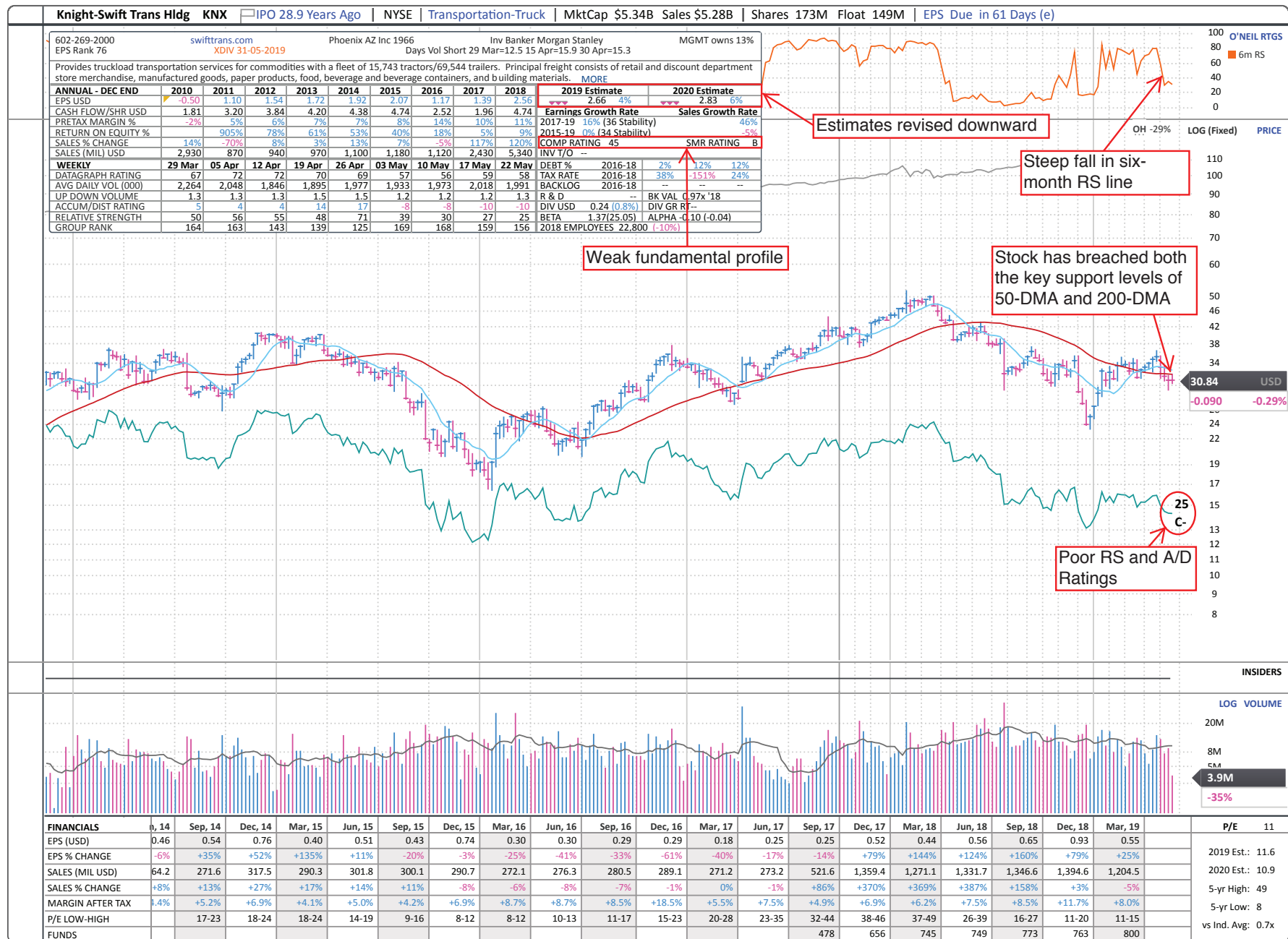
U.S. — Technology — Highlighted Laggard



U.S.—Technology—Highlighted Laggard



U.S. — 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	11,933	41,416	4	79	51	B-
BSL.AU	Bluescope Steel	Australia	Basic Material	Steel-Producers	4,280	24,216	3	99	34	E
ORI.AU	Orica	Australia	Basic Material	Chemicals-Specialty	5,442	14,670	3	86	81	B+
JHX.AU	James Hardie Inds.Cdi.	Australia	Basic Material	Bldg-Cement/Concrt/Ag	5,650	19,289	3	64	62	B-
MIN.AU	Mineral Resources	Australia	Basic Material	Mining-Metal Ores	2,063	12,856	4	23	55	C+
OZL.AU	Oz Minerals	Australia	Basic Material	Mining-Metal Ores	2,004	10,254	5	73	44	D-
IPL.AU	Incitec Pivot	Australia	Basic Material	Chemicals-Specialty	3,721	11,390	5	89	51	D
EVN.AU	Evolution Mining	Australia	Basic Material	Mining-Gold/Silver/Gems	4,247	19,784	5	36	77	B-
CIM.AU	Cimic Group	Australia	Capital Equipment	Bldg-Heavy Construction	10,423	12,188	5	93	54	D-
TAH.AU	Tabcorp Holdings	Australia	Consumer Cyclical	Leisure-Gaming/Equip	6,414	16,965	4	90	65	D-
SGR.AU	Star Entertainment Group	Australia	Consumer Cyclical	Leisure-Gaming/Equip	2,832	10,671	3	97	49	B
CTX.AU	Caltex Australia	Australia	Energy	Oil&Gas-Refining/Mktg	4,588	22,549	4	57	46	C+
OSH.AU	Oil Search	Australia	Energy	Oil&Gas-Intl Expl&Prod	7,947	18,075	2	81	44	C-
COH.AU	Cochlear	Australia	Health Care	Medical-Products	8,020	29,445	4	95	77	B-
DMP.AU	Domino's Pizza Ents.	Australia	Retail	Retail-Restaurants	2,354	9,566	5	91	35	D-
CPU.AU	Computershare	Australia	Technology	Computer-Tech Services	6,261	16,337	2	97	44	D-
QAN.AU	Qantas Airways	Australia	Transportation	Transportation-Airline	5,992	24,643	4	73	41	C
OMV.AT	Omv	Austria	Energy	Oil&Gas-Refining/Mktg	15,978	17,814	3	27	30	C
ERS.AT	Erste Group Bank	Austria	Financial	Banks-Money Center	15,596	27,987	3	90	32	D+
SOL.BE	Solvay	Belgium	Basic Material	Chemicals-Specialty	10,168	24,032	4	87	12	D-
UCB.BE	Ucb	Belgium	Health Care	Medical-Diversified	15,066	26,376	7	51	30	D
WFT.CA	West Fraser Timber	Canada	Basic Material	Bldg-Wood Prds	2,756	17,212	4	69	19	D
CNQ.CA	Canadian Natural Res.	Canada	Energy	Oil&Gas-Intl Expl&Prod	32,182	109,032	3	59	40	D+
SU.CA	Suncor Energy	Canada	Energy	Oil&Gas-Refining/Mktg	50,241	121,618	3	59	40	B
KEY.CA	Keyera	Canada	Energy	Oil&Gas-Refining/Mktg	5,325	14,506	3	86	79	B-
IMO.CA	Imperial Oil	Canada	Energy	Oil&Gas-Refining/Mktg	21,643	23,662	3	63	50	D+
CM.CA	Canadian Imp.Bk.Com.	Canada	Financial	Banks-Foreign	35,513	141,684	3	88	44	D-
FFH.CA	Fairfax Finl.Hdg.	Canada	Financial	Insurance-Prop/Cas/Titl	12,617	19,149	3	57	43	D
CTC/A.CA	Canadian Tire 'A'	Canada	Retail	Retail-Department Stores	6,062	23,250	4	87	41	D+
NZY.DK	Novozymes B	Denmark	Basic Material	Chemicals-Specialty	11,449	26,075	3	53	61	B-
RBR.DK	Royal Unibrew	Denmark	Consumer Staple	Beverages-Alcoholic	3,791	12,767	4	83	62	C
AMB.DK	Ambu B	Denmark	Health Care	Medical-Systems/Equip	3,934	22,076	3	92	10	D-
LUN.DK	H Lundbeck	Denmark	Health Care	Medical-Diversified	8,189	13,255	3	25	21	C-
DSB.DK	A P Moller Maersk B	Denmark	Transportation	Transportation-Ship	11,617	29,622	3	21	42	B-
UPM.FI	Upm-Kymmene	Finland	Basic Material	Paper & Paper Products	13,979	40,436	3	87	24	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
WRT.FI	Wartsila	Finland	Capital Equipment	Diversified Operations	9,204	16,028	5	50	35	E
ORNB.FI	Orion B	Finland	Health Care	Medical-Diversified	3,478	11,443	6	44	67	D-
KESK.FI	Kesko B	Finland	Retail	Retail-Super/Mini Mkts	3,557	10,388	5	88	42	D-
NOK1.FI	Nokia	Finland	Technology	Computer-Networking	28,853	93,436	5	5	40	C-
AKE.FR	Arkema	France	Basic Material	Chemicals-Specialty	6,763	24,855	3	74	21	C-
ENT.FR	Bouygues	France	Capital Equipment	Bldg-Heavy Construction	13,395	35,997	3	93	33	C
CSF.FR	Thales	France	Capital Equipment	Aerospace/Defense	24,044	30,935	3	77	31	C
SEV.FR	Suez	France	Capital Equipment	Pollution Control	8,203	20,282	3	35	44	D
AC.FR	Accor	France	Consumer Cyclical	Leisure-Lodging	10,869	35,466	4	23	17	E
ADP.FR	Adp	France	Consumer Cyclical	Leisure-Services	17,231	12,520	4	74	24	C-
RUI.FR	Rubis	France	Energy	Oil&Gas-Refining/Mktg	5,125	11,832	3	74	31	B-
TAL.FR	Total	France	Energy	Oil&Gas-Integrated	145,221	350,917	4	76	42	C
IPN.FR	Ipsen	France	Health Care	Medical-Ethical Drugs	10,433	15,057	5	94	23	B-
SQ@F.FR	Sanofi	France	Health Care	Medical-Diversified	104,443	198,279	4	53	64	C-
UTA.FR	Air France-Klm	France	Transportation	Transportation-Airline	3,729	24,959	5	27	18	E
EDF.FR	Edf	France	Utility	Utility-Diversified	41,368	31,277	4	15	28	B
EVKX.DE	Evonik Industries (Xet)	Germany	Basic Material	Chemicals-Specialty	13,421	22,907	4	32	42	C+
BASX.DE	Basf (Xet)	Germany	Basic Material	Chemicals-Specialty	63,561	219,341	4	39	25	D-
SY1X.DE	Symrise (Xet)	Germany	Basic Material	Chemicals-Specialty	13,043	24,696	4	73	83	B-
HEN3X.DE	Henkel Pref. (Xet)	Germany	Basic Material	Chemicals-Specialty	16,654	63,112	4	67	24	D+
HOTX.DE	Hochtief (Xet)	Germany	Capital Equipment	Bldg-Heavy Construction	8,873	17,853	6	95	20	D
BOSSX.DE	Boss (Hugo) (Xet)	Germany	Consumer Cyclical	Apparel-Clothing Mfg	4,363	19,996	3	54	21	D-
VOW3X.DE	Volkswagen Pref. (Xet)	Germany	Consumer Cyclical	Auto Manufacturers	33,191	202,809	4	26	50	C+
BMW.DE	Bmw (Xet)	Germany	Consumer Cyclical	Auto Manufacturers	43,130	148,918	5	41	22	D
DWNIX.DE	Deutsche Wohnen (Xet) Br.Shs.	Germany	Consumer Cyclical	Bldg-Resident/Comml	16,961	40,250	7	88	58	B-
DBKX.DE	Deutsche Bank (Xet)	Germany	Financial	Banks-Money Center	15,250	111,062	4	64	14	E
BAYNX.DE	Bayer (Xet)	Germany	Health Care	Medical-Diversified	58,096	255,872	6	25	14	D
FMEX.DE	Fresenius Med.Care (Xet)	Germany	Health Care	Medical-Hospitals	23,726	67,575	4	86	33	C-
MRKX.DE	Merck Kgaa (Xet)	Germany	Health Care	Medical-Ethical Drugs	13,061	58,398	4	87	45	D-
LHAX.DE	Deutsche Lufthansa (Xet)	Germany	Transportation	Transportation-Airline	9,297	93,506	6	50	17	E
DPWX.DE	Deutsche Post (Xet)	Germany	Transportation	Transport-Air Freight	38,123	115,426	4	74	47	D-
CHNR.HK	China Railway Con.'H'	Hong Kong	Capital Equipment	Bldg-Heavy Construction	2,394	20,743	8	86	48	C-
ZCSR.HK	Zhuzhou Crrc Times Elec. 'H'	Hong Kong	Capital Equipment	Electrical-Power/Equipmt	2,845	14,924	7	77	62	C
CHGK.HK	Ck Hutchison Holdings	Hong Kong	Capital Equipment	Diversified Operations	36,770	62,562	3	53	52	D
CHRL.HK	China Railway Gro.	Hong Kong	Capital Equipment	Bldg-Heavy Construction	3,023	18,788	7	71	27	E
CCON.HK	China Comms.Con.'H'	Hong Kong	Capital Equipment	Bldg-Heavy Construction	3,937	15,246	3	87	39	D-
BYD.HK	Byd 'H'	Hong Kong	Consumer Cyclical	Auto Manufacturers	5,228	37,249	5	85	41	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
HENG.HK	Hengan Intl.Gp.	Hong Kong	Consumer Staple	Cosmetics/Personal Care	9,161	26,562	4	70	59	C-
PECH.HK	Petrochina 'H'	Hong Kong	Energy	Oil&Gas-Integrated	12,122	54,678	5	67	29	E
CSHE.HK	China Shenhua En.Co.'H'	Hong Kong	Energy	Energy-Coal	7,005	36,234	4	59	41	E
CNOO.HK	Cnooc	Hong Kong	Energy	Oil&Gas-Intl Expl&Prod	74,622	90,043	2	85	68	C
GFSE.HK	Gf Securities 'H'	Hong Kong	Financial	Finance-Invest Bnk/Bkrs	1,934	10,533	3	28	20	D+
CCBN.HK	China Con.Bank 'H'	Hong Kong	Financial	Banks-Money Center	190,805	293,476	4	82	45	E
PICC.HK	Picc Property & Clty.'H'	Hong Kong	Financial	Insurance-Prop/Cas/Titl	6,926	34,656	5	45	45	E
BOC.HK	Boc Hong Kong (Hdg.)	Hong Kong	Financial	Banks-Money Center	40,675	49,650	3	82	52	D
ABOC.HK	Agricultural Bk.Of Chin. 'H'	Hong Kong	Financial	Banks-Money Center	13,118	65,980	4	69	45	E
CBCC.HK	China Citic Bank 'H'	Hong Kong	Financial	Banks-Money Center	8,778	23,212	3	70	52	D-
CINS.HK	China Taiping In.Hdg.	Hong Kong	Financial	Insurance-Life	8,809	28,269	3	44	22	D-
PICL.HK	People's Insurance Co 'H'	Hong Kong	Financial	Insurance-Prop/Cas/Titl	3,213	19,899	4	45	34	E
EVRG.HK	China Evergrande	Hong Kong	Financial	Real Estate Dvlpmt/Ops	34,862	57,702	4	92	41	D
CLS.HK	China Life Insurance 'H'	Hong Kong	Financial	Insurance-Life	17,233	117,552	3	28	57	D-
ICBC.HK	Indl.& Coml.Bk.Of China 'H'	Hong Kong	Financial	Banks-Money Center	61,807	175,521	4	71	59	C-
HUAT.HK	Huatai Securities 'H'	Hong Kong	Financial	Finance-Investment Mgmt	2,672	16,615	4	34	36	D-
CSCY.HK	Citic Securities 'H'	Hong Kong	Financial	Finance-Invest Bnk/Bkrs	4,191	55,513	3	42	39	D
FOSN.HK	Fosun International	Hong Kong	Financial	Insurance-Brokers	10,975	15,357	5	75	19	D-
LUYE.HK	Luye Pharma Group	Hong Kong	Health Care	Medical-Generic Drugs	2,491	11,826	4	96	43	D+
SFPG.HK	Shai.Fosun Pharm.(Group) 'H'	Hong Kong	Health Care	Medical-Generic Drugs	1,621	10,113	4	66	25	D-
WISH.HK	China Traditional Chinese Medicine	Hong Kong	Health Care	Medical-Diversified	2,637	9,694	5	91	15	D+
SPHL.HK	Sinopharm Group 'H'	Hong Kong	Retail	Retail-Drug Stores	4,407	27,908	6	92	31	C-
CTC.HK	China Telecom 'H'	Hong Kong	Technology	Telecom Svcs-Wireless	6,789	23,994	6	90	59	E
UNIC.HK	China Unicom (Hong Kong)	Hong Kong	Technology	Telecom Svcs-Wireless	32,236	38,821	5	48	43	D-
KDEE.HK	Kingdee Intl.Sftw.Gp.	Hong Kong	Technology	Computer Sftwr-Desktop	3,530	30,367	2	83	73	C-
ASMP.HK	Asm Pacific Tech.	Hong Kong	Technology	Elec-Semiconductor Equip	3,911	13,040	3	48	45	E
CHT.HK	China Mobile	Hong Kong	Technology	Telecom Svcs-Wireless	188,064	176,718	7	67	59	D
HPI.HK	Huaneng Power Intl.'H'	Hong Kong	Utility	Utility-Electric Power	2,689	18,091	3	18	43	B-
GL9.IE	Glanbia	Ireland	Consumer Staple	Food-Dairy Products	5,234	10,717	2	97	51	D-
BIRG.IE	Bank Of Ireland Group	Ireland	Financial	Banks-Money Center	6,119	10,367	3	80	24	D+
A5G.IE	Aib Group	Ireland	Financial	Banks-Money Center	12,075	10,505	3	72	48	D
ICL.IL	Icl	Israel	Basic Material	Chemicals-Agricultural	6,738	9,171	4	15	36	D
TEVA.IL	Teva Pharmaceutical Industries	Israel	Health Care	Medical-Diversified	12,708	10,176	4	23	3	E
CNHI.IT	Cnh Industrial	Italy	Capital Equipment	Machinery-Constr/Mining	12,035	28,254	5	63	18	E
ENI.IT	Eni	Italy	Energy	Oil&Gas-Integrated	58,447	186,555	5	28	38	D
SPM.IT	Saipem	Italy	Energy	Oil&Gas-Field Services	4,688	37,278	5	23	60	C
FCBK.IT	Finecobank Spa	Italy	Financial	Banks-Money Center	6,629	33,055	6	79	54	E

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UCG.IT	Unicredit	Italy	Financial	Banks-Money Center	25,505	192,492	3	16	18	D+
DC@N.JP	Daicel	Japan	Basic Material	Chemicals-Plastics	2,837	10,868	5	50	17	D+
MCHC.JP	Mitsubishi Chm.Hdg.	Japan	Basic Material	Chemicals-Specialty	9,742	45,556	6	78	17	D-
NPPT.JP	Nippon Paint Holdings	Japan	Basic Material	Chemicals-Paints	12,211	19,018	3	36	77	B
NSSM.JP	Nippon Stl.& Sumit.Mtl.	Japan	Basic Material	Steel-Producers	15,854	44,699	5	35	37	D
RK@N.JP	Kuraray	Japan	Basic Material	Chemicals-Specialty	3,857	16,315	6	30	11	E
OJIH.JP	Oji Holdings	Japan	Basic Material	Paper & Paper Products	5,425	15,971	3	80	34	D+
JFEH.JP	Jfe Holdings	Japan	Basic Material	Steel-Producers	8,636	39,330	6	35	10	E
NIPN.JP	Nippon Shokubai	Japan	Basic Material	Chemicals-Specialty	2,385	7,328	5	63	32	E
NH@N.JP	Nissan Chemical Inds.	Japan	Basic Material	Chemicals-Specialty	6,382	26,399	8	79	37	D-
TNSC.JP	Taiyo Nippon Sanso	Japan	Basic Material	Chemicals-Specialty	8,287	13,454	4	85	96	B
UBEI.JP	Ube Industries	Japan	Basic Material	Chemicals-Specialty	2,049	12,923	5	92	16	D+
NPIC.JP	Nippon Paper Industries	Japan	Basic Material	Paper & Paper Products	2,075	10,134	1	30	72	C-
JASR.JP	J S R	Japan	Basic Material	Chemicals-Specialty	3,062	13,522	7	51	17	D-
EC@N.JP	Denka	Japan	Basic Material	Chemicals-Specialty	2,537	9,471	4	89	40	B
IP@N.JP	Kansai Paint	Japan	Basic Material	Chemicals-Paints	4,626	14,132	5	60	43	E
BS@N.JP	Kobe Steel	Japan	Basic Material	Steel-Producers	2,282	16,609	7	8	10	E
SC@N.JP	Sumitomo Chemical	Japan	Basic Material	Chemicals-Specialty	7,173	30,440	4	82	24	D-
EQ@N.JP	Dic	Japan	Basic Material	Chemicals-Specialty	2,352	9,059	8	52	14	E
TSHC.JP	Tosoh	Japan	Basic Material	Chemicals-Specialty	4,143	19,278	5	61	29	D-
PC@N.JP	Mitsui Chemicals	Japan	Basic Material	Chemicals-Specialty	4,445	17,525	6	91	29	D-
UC@N.JP	Shin-Etsu Chemical	Japan	Basic Material	Chemicals-Specialty	36,218	127,623	4	85	55	D+
PHOT.JP	Hamamatsu Photonics	Japan	Capital Equipment	Electrical-Power/Equipmt	6,043	12,605	3	65	72	C-
XE@N.JP	Yokogawa Electric	Japan	Capital Equipment	Machinery-Gen Industrial	5,213	15,700	3	66	79	C
AM@N.JP	Amada Holdings	Japan	Capital Equipment	Machinery-Gen Industrial	3,704	20,189	3	71	65	C
GT@N.JP	Kurita Water Ind.	Japan	Capital Equipment	Pollution Control	2,679	10,253	5	81	32	D
MT@N.JP	Mitsui	Japan	Capital Equipment	Diversified Operations	26,344	72,617	4	36	55	D
TOYS.JP	Toyo Seikan Group Hdg.	Japan	Capital Equipment	Containers/Packaging	3,937	11,735	3	41	75	C
ZJ@N.JP	Mitsubishi	Japan	Capital Equipment	Diversified Operations	40,919	113,552	6	21	49	D-
CHOC.JP	Comsys Holdings	Japan	Capital Equipment	Bldg-Heavy Construction	3,314	14,053	4	85	46	E
DU@N.JP	Fanuc	Japan	Capital Equipment	Machinery-Gen Industrial	34,466	188,948	3	31	52	C-
DFUK.JP	Daifuku	Japan	Capital Equipment	Machinery-Gen Industrial	6,117	55,023	1	90	65	D-
LM@N.JP	Mitsubishi Materials	Japan	Capital Equipment	Diversified Operations	3,327	15,834	4	7	52	D
OB@N.JP	Obayashi	Japan	Capital Equipment	Bldg-Heavy Construction	6,645	21,324	4	97	65	D-
UM@N.JP	Mitsubishi Electric	Japan	Capital Equipment	Diversified Operations	26,821	60,953	2	46	62	D
SMCC.JP	Smc	Japan	Capital Equipment	Machinery-Gen Industrial	22,045	102,372	3	54	58	C
MISM.JP	Misumi Group	Japan	Capital Equipment	Machinery-Mtl Hdlg/Autmn	6,466	21,431	3	82	52	D

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OZ@N.JP	Sumitomo Heavy Inds.	Japan	Capital Equipment	Machinery-Gen Industrial	3,827	15,699	4	92	49	D
DP@N.JP	Dai Nippon Printing	Japan	Capital Equipment	Comml Svcs-Documents Mgmt	7,248	17,780	3	7	72	C
IA@N.JP	Minebea Mitsumi	Japan	Capital Equipment	Machinery-Gen Industrial	6,175	35,436	3	97	37	D-
KYEX.JP	Kyowa Exeo	Japan	Capital Equipment	Bldg-Heavy Construction	2,641	11,425	5	92	37	E
NIIW.JP	Sojitz	Japan	Capital Equipment	Diversified Operations	4,050	32,391	6	91	43	E
OUMA.JP	Okuma	Japan	Capital Equipment	Machinery-Tools & Rel	1,643	12,749	3	87	46	E
KI@N.JP	Ngk Insulators	Japan	Capital Equipment	Machinery-Gen Industrial	4,516	16,476	5	23	37	E
KU@N.JP	Kubota	Japan	Capital Equipment	Machinery-Constr/Mining	18,005	49,100	4	61	62	D
YM@N.JP	Yamaha Motor	Japan	Consumer Cyclical	Leisure-Products	5,958	30,317	5	53	14	E
FD@N.JP	Asics	Japan	Consumer Cyclical	Leisure-Products	2,289	14,008	4	9	32	D-
OU@N.JP	Nikon	Japan	Consumer Cyclical	Leisure-Products	5,556	31,202	5	82	32	C+
SUEL.JP	Sumitomo Electric Ind.	Japan	Consumer Cyclical	Auto/Truck-Original Eqp	9,708	25,861	6	52	29	E
TYAL.JP	Toyota Inds.	Japan	Consumer Cyclical	Auto Manufacturers	16,452	25,526	3	81	62	D-
KO@N.JP	Mazda Motor	Japan	Consumer Cyclical	Auto Manufacturers	6,629	35,147	3	23	49	E
BR@N.JP	Bridgestone	Japan	Consumer Cyclical	Auto/Truck-Tires & Misc	28,281	80,350	4	46	62	D-
JRCE.JP	Central Japan Railway	Japan	Consumer Cyclical	Leisure-Services	42,042	73,204	5	86	67	D-
JR@N.JP	Tokyu	Japan	Consumer Cyclical	Leisure-Services	11,379	24,208	5	59	88	A-
HO@N.JP	Honda Motor	Japan	Consumer Cyclical	Auto Manufacturers	46,082	93,765	5	23	40	E
MI@N.JP	Panasonic	Japan	Consumer Cyclical	Hsehold-Appliances/Wares	19,937	65,121	6	88	14	D-
IM@N.JP	Isuzu Motors	Japan	Consumer Cyclical	Auto Manufacturers	9,467	26,914	5	58	16	C-
AG@N.JP	AGC Inc	Japan	Consumer Cyclical	Bldg-Constr Prds/Misc	7,649	34,431	5	85	52	C
FJ@N.JP	Subaru	Japan	Consumer Cyclical	Auto Manufacturers	17,940	66,123	4	24	37	D-
YORU.JP	Yokohama Rubber	Japan	Consumer Cyclical	Auto/Truck-Tires & Misc	2,919	10,051	5	42	24	E
HISS.JP	His	Japan	Consumer Cyclical	Leisure-Travel Booking	2,050	10,651	5	77	37	E
AQ@N.JP	Haseko	Japan	Consumer Cyclical	Bldg-Resident/Comml	3,007	19,816	5	91	17	E
SEBU.JP	Seibu Holdings	Japan	Consumer Cyclical	Leisure-Services	5,500	18,207	7	71	58	C-
TYMO.JP	Toyota Motor	Japan	Consumer Cyclical	Auto Manufacturers	192,225	275,792	3	35	65	D-
CC@N.JP	Casio Computer	Japan	Consumer Cyclical	Hsehold-Appliances/Wares	2,968	12,830	7	55	19	E
DE@N.JP	Denso	Japan	Consumer Cyclical	Auto/Truck-Original Eqp	30,662	90,588	5	41	34	C+
TJ@N.JP	Teijin	Japan	Consumer Cyclical	Apparel-Clothing Mfg	3,207	12,628	5	53	46	D
SHMO.JP	Shimano	Japan	Consumer Cyclical	Leisure-Products	14,212	33,470	4	48	81	C
UNRM.JP	Uni Charm	Japan	Consumer Staple	Cosmetics/Personal Care	19,128	41,873	2	86	75	D-
RZ@N.JP	Nichirei	Japan	Consumer Staple	Food-Misc Preparation	3,497	16,055	4	95	65	B-
PIGC.JP	Pigeon	Japan	Consumer Staple	Cosmetics/Personal Care	4,995	38,153	4	63	52	C
KB@N.JP	Kirin Holdings	Japan	Consumer Staple	Beverages-Alcoholic	19,308	49,997	3	6	43	C-
AJ@N.JP	Ajinomoto	Japan	Consumer Staple	Food-Misc Preparation	9,635	29,260	3	34	85	B
MEJH.JP	Meiji Holdings	Japan	Consumer Staple	Food-Misc Preparation	11,238	29,907	4	63	65	C+

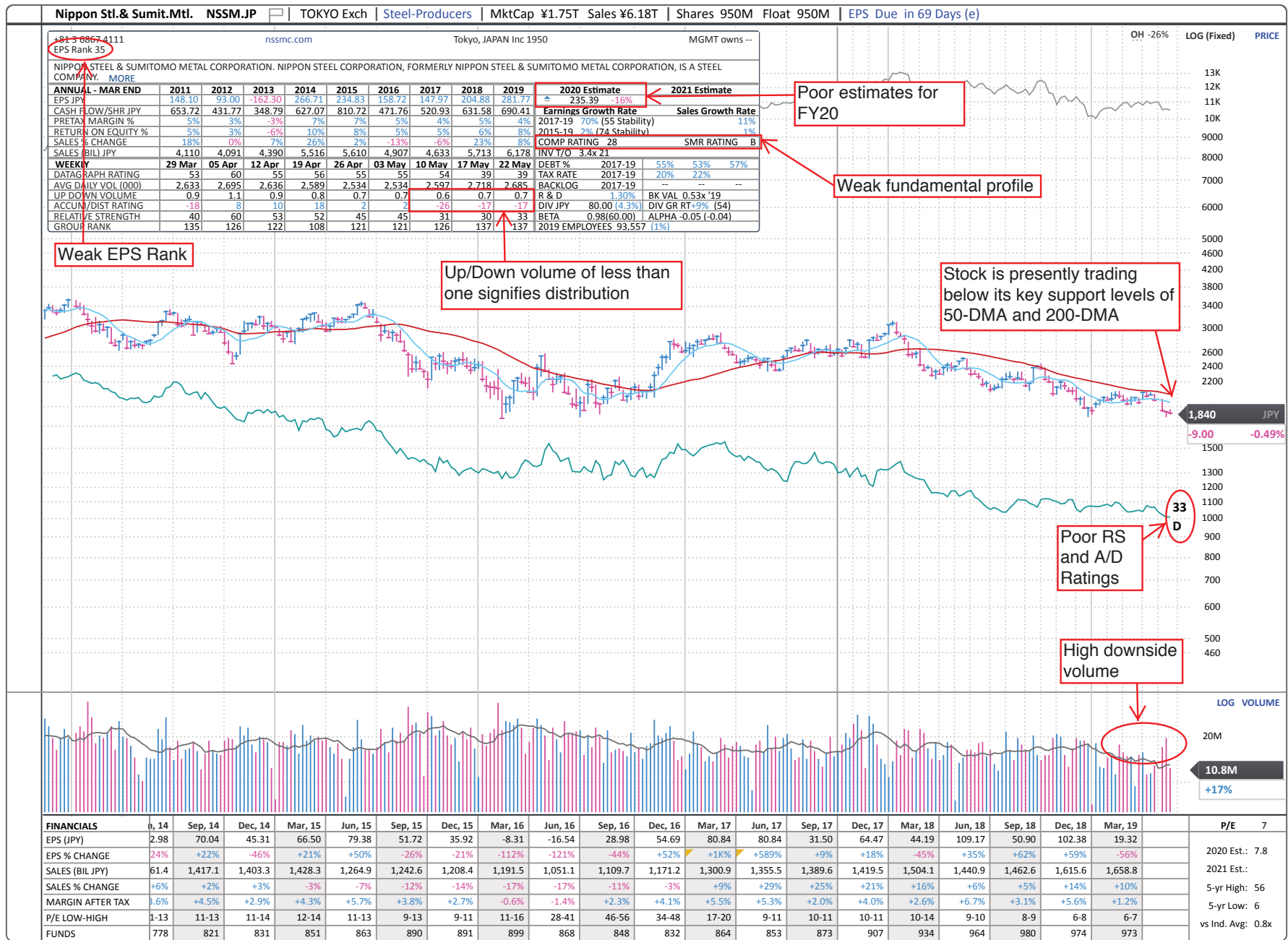
Symbol	Name	Trading Country	Sector Name	Industry Group Name	Market Value, USD (Mil)	Avg Daily Dollar Vol (000), USD	Negative Alert Score, 10 Wks	EPS Rank	RS Rating	A/D Rating
NIFP.JP	Nissin Foods Holdings	Japan	Consumer Staple	Food-Packaged	6,439	13,900	6	33	49	C
ABOT.JP	Japan Tobacco	Japan	Consumer Staple	Tobacco	45,767	117,653	6	47	40	E
CALB.JP	Calbee	Japan	Consumer Staple	Food-Misc Preparation	3,957	13,228	4	65	65	B-
YAHU.JP	Yakult Honsha	Japan	Consumer Staple	Food-Misc Preparation	10,233	24,387	4	45	37	D-
SBFL.JP	Suntory Beverage & Food	Japan	Consumer Staple	Beverages-Non-Alcoholic	13,375	17,715	2	50	75	D+
KN@N.JP	Kikkoman	Japan	Consumer Staple	Food-Misc Preparation	8,945	28,131	6	78	55	D-
KITK.JP	Coca-Cola Bottlers Jap.	Japan	Consumer Staple	Beverages-Non-Alcoholic	5,142	17,876	3	9	29	B-
NS@N.JP	Nippon Suisan Kaisha	Japan	Consumer Staple	Food-Meat Products	1,965	15,839	3	57	86	E
ORIX.JP	Orix	Japan	Financial	Finance-Consumer Loans	18,509	73,306	5	74	46	D+
MITF.JP	Mitsubishi Ufj Finl.Gp.	Japan	Financial	Banks-Money Center	62,590	230,918	7	29	21	E
NKSJ.JP	Sompo Holdings	Japan	Financial	Insurance-Prop/Cas/Titl	13,536	35,935	3	49	52	D-
AOZR.JP	Aozora Bank	Japan	Financial	Banks-Money Center	2,844	23,496	6	49	10	D
JPBC.JP	Japan Post Bank	Japan	Financial	Banks-Money Center	46,623	20,377	6	30	40	E
SECR.JP	Credit Saison	Japan	Financial	Finance-Consumer Loans	1,857	13,041	5	79	4	E
CHBK.JP	Chiba Bank	Japan	Financial	Banks-Money Center	4,053	14,649	5	58	11	E
DBHI.JP	Resona Holdings	Japan	Financial	Banks-Money Center	9,752	48,125	5	31	26	C-
JPIC.JP	Japan Post Insurance	Japan	Financial	Insurance-Life	10,709	40,380	10	70	17	E
OSEX.JP	Japan Exchange Group	Japan	Financial	Financial Svcs-Specialty	8,625	21,536	4	65	46	D+
SEVN.JP	Seven Bank	Japan	Financial	Banks-Money Center	3,091	12,713	6	51	29	D+
PARR.JP	Park24	Japan	Financial	Real Estate Dvlpmt/Ops	3,043	19,542	4	66	13	E
DITC.JP	Daito Tst.Construction	Japan	Financial	Real Estate Dvlpmt/Ops	9,611	50,408	4	89	40	D-
CONF.JP	Concordia Financial Gp.	Japan	Financial	Banks-Money Center	4,787	14,417	6	24	32	C-
JPHC.JP	Japan Post Holdings	Japan	Financial	Insurance-Life	49,193	57,578	8	22	52	D-
FUKU.JP	Fukuoka Financial Gp.	Japan	Financial	Banks-Money Center	3,521	17,805	6	42	16	E
MIZH.JP	Mizuho Finl.Gp.	Japan	Financial	Banks-Money Center	36,091	138,307	7	9	34	E
JTER.JP	Japan Airport Term.	Japan	Financial	Real Estate Dvlpmt/Ops	3,170	10,239	3	68	52	D
NM@N.JP	Nomura Hdg.	Japan	Financial	Finance-Invest Bnk/Bkrs	11,011	44,531	6	5	7	E
DS@N.JP	Daiwa Securities Group	Japan	Financial	Finance-Invest Bnk/Bkrs	7,412	25,506	5	17	17	E
YP@N.JP	Astellas Pharma	Japan	Health Care	Medical-Diversified	27,153	79,380	5	95	43	E
TA@N.JP	Takeda Pharmaceutical	Japan	Health Care	Medical-Diversified	54,928	216,915	4	24	40	C-
PS@N.JP	Ono Pharm.	Japan	Health Care	Medical-Generic Drugs	9,518	31,011	6	71	14	C-
XY@N.JP	Santen Pharm.	Japan	Health Care	Medical-Diversified	5,951	18,063	3	48	65	B-
ALCH.JP	Alfresa Holdings	Japan	Health Care	Medical-Systems/Equip	5,997	11,456	3	71	65	D-
TERU.JP	Terumo	Japan	Health Care	Medical-Systems/Equip	21,501	59,739	5	63	72	D-
DPPH.JP	Sumitomo Dainippon Pha.	Japan	Health Care	Medical-Diversified	8,270	25,561	5	98	52	D
SQ@N.JP	Shionogi	Japan	Health Care	Medical-Diversified	18,303	67,394	6	97	67	C+
EF@N.JP	Mitsubishi Tanabe Pharma	Japan	Health Care	Medical-Diversified	6,539	13,083	4	23	13	E

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OTHD.JP	Otsuka Holdings	Japan	Health Care	Medical-Generic Drugs	19,569	43,210	5	17	19	E
ES@N.JP	Eisai	Japan	Health Care	Medical-Diversified	17,756	81,116	5	52	10	B-
SEVI.JP	Seven & I Hdg.	Japan	Retail	Retail-Super/Mini Mkts	30,325	113,739	8	54	17	E
JT@N.JP	Aeon	Japan	Retail	Wholesale-Food	15,914	46,449	6	12	32	E
MNTR.JP	Monotaro	Japan	Retail	Retail-Internet	5,087	32,431	4	95	52	D-
ZW@N.JP	Isetan Mitsukoshi Hdg.	Japan	Retail	Retail-Department Stores	3,171	11,214	5	38	10	E
YAEI.JP	Yamada Denki	Japan	Retail	Retail-Consumer Elec	4,442	23,738	5	53	58	E
TYTS.JP	Toyota Tsusho	Japan	Technology	Elec-Misc Products	10,334	17,073	4	30	37	D-
SEEP.JP	Seiko Epson	Japan	Technology	Computer-Hardware/Perip	5,963	23,021	4	43	52	E
CAPO.JP	Capcom	Japan	Technology	Computer Sftwr-Desktop	2,697	13,642	3	83	62	D+
DISC.JP	Disco	Japan	Technology	Elec-Semiconductor Equip	4,951	45,092	3	56	40	D
ZU@N.JP	Shimadzu	Japan	Technology	Elec-Scientific/Msrng	7,356	23,770	3	82	70	D
KONM.JP	Konica Minolta	Japan	Technology	Computer-Hardware/Perip	4,620	20,954	5	55	67	E
BI@N.JP	Brother Industries	Japan	Technology	Computer-Hardware/Perip	4,504	12,015	5	46	49	D-
HM@N.JP	Hitachi Metals	Japan	Technology	Electronic-Parts	4,300	12,588	4	12	55	D
COMM.JP	Ntt Data	Japan	Technology	Computer-Tech Services	16,832	35,966	4	94	85	C-
RH@N.JP	Ricoh	Japan	Technology	Computer-Hardware/Perip	7,191	22,000	6	44	70	C
KRWC.JP	Kyushu Railway	Japan	Transportation	Transportation-Rail	4,909	18,696	7	17	65	E
JAPL.JP	Japan Airlines	Japan	Transportation	Transportation-Airline	11,235	53,686	4	67	37	E
EAJR.JP	East Japan Railway	Japan	Transportation	Transportation-Rail	35,960	71,746	5	83	77	B-
MO@N.JP	Mitsui Osk Lines	Japan	Transportation	Transportation-Ship	2,626	22,358	4	38	40	D-
ANAW.JP	Ana Holdings	Japan	Transportation	Transportation-Airline	11,761	39,466	5	96	52	E
NY@N.JP	Nippon Yusen Kk	Japan	Transportation	Transportation-Ship	2,585	24,386	5	5	37	D-
OJ@N.JP	Yamato Hdg.	Japan	Transportation	Transport-Air Freight	8,518	33,353	6	13	13	E
NX@N.JP	Nippon Express	Japan	Transportation	Transportation-Logistics	5,072	13,108	4	58	21	E
EPDC.JP	Elec.Power Dev.	Japan	Utility	Utility-Electric Power	3,913	12,215	6	34	24	D
AALB.NL	Aalberts	Netherlands	Capital Equipment	Machinery-Gen Industrial	3,834	11,865	3	86	27	D+
VPK.NL	Koninklijke Vopak	Netherlands	Energy	Oil&Gas-Transprt/Pipeline	5,430	15,928	5	78	27	D
AD.NL	Koninklijke Ahold Delhaize	Netherlands	Retail	Wholesale-Food	27,015	97,826	6	36	34	E
SPKZ.NZ	Spark New Zealand	New Zealand	Technology	Telecom Svcs-Integrated	4,531	13,018	6	36	48	C
YARA.NO	Yara International	Norway	Basic Material	Chemicals-Agricultural	11,876	21,834	2	45	72	C-
SALM.NO	Salmar	Norway	Consumer Staple	Food-Meat Products	5,005	10,581	5	94	39	D-
AKEP.NO	Aker Bp	Norway	Energy	Oil&Gas-Intl Expl&Prod	11,173	23,569	5	22	47	C+
EQNR.NO	Equinor	Norway	Energy	Oil&Gas-Integrated	69,756	54,864	3	66	32	D+
DNB.NO	Dnb	Norway	Financial	Banks-Money Center	28,242	30,248	4	88	47	D+
GES.PT	Galp Energia Sgpps	Portugal	Energy	Oil&Gas-Refining/Mktg	12,374	24,994	4	74	50	D+
KEPP.SG	Keppel	Singapore	Capital Equipment	Diversified Operations	8,083	15,275	3	41	47	D+

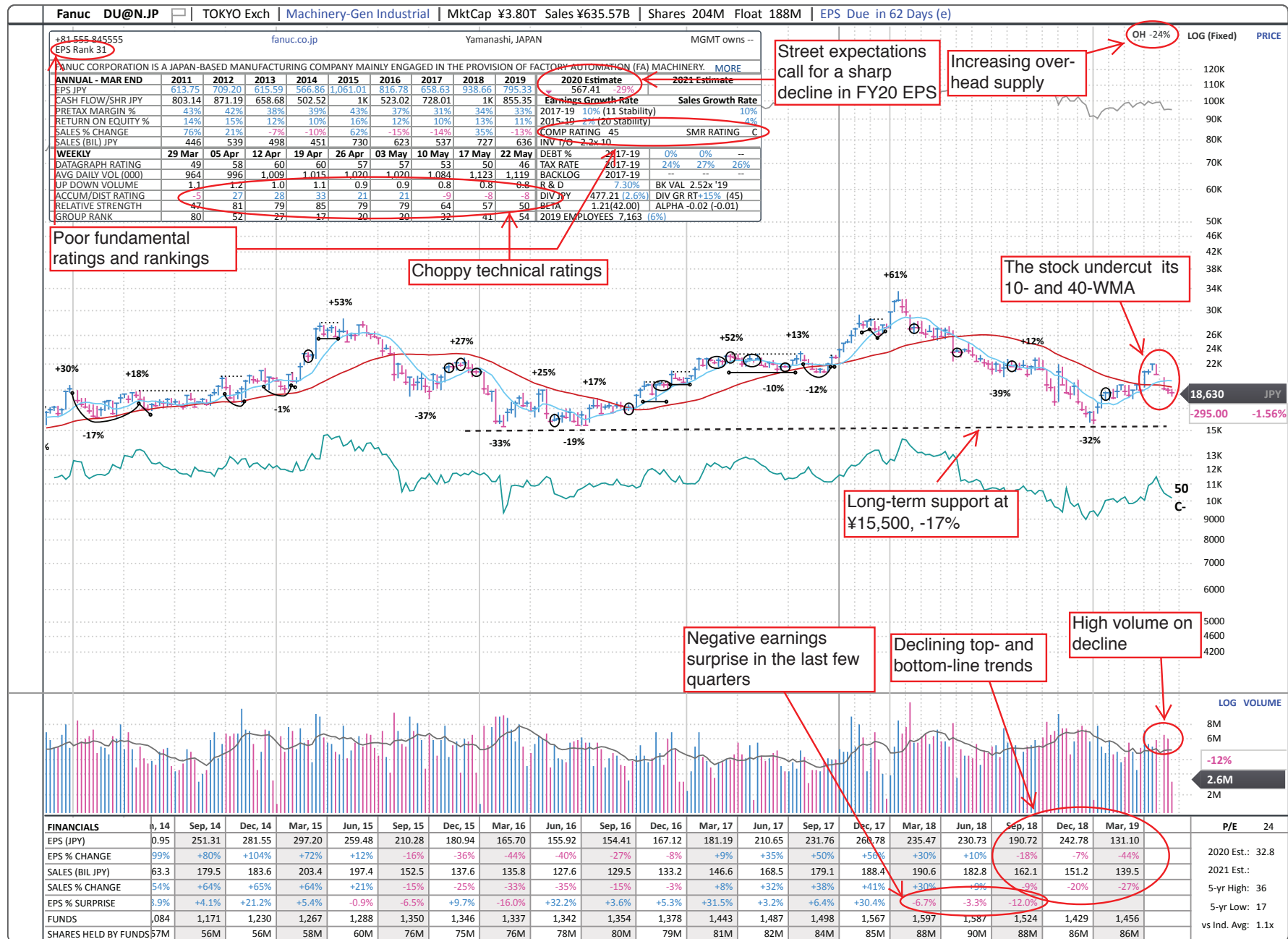
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JMTS.SG	Jardine Matheson Hdq.	Singapore	Capital Equipment	Diversified Operations	45,666	12,878	4	54	50	D
DBSL.SG	Capitaland	Singapore	Financial	Real Estate Dvlpmt/Ops	10,042	20,480	3	95	55	D+
SUNT.SG	Suntec Rlst.It.	Singapore	Financial	Finance-Property REIT	3,522	11,525	4	61	62	C-
UOBS.SG	United Overseas Bank	Singapore	Financial	Banks-Money Center	29,953	43,573	3	86	55	D+
OCBC.SG	Oversea-Chinese Bkg.	Singapore	Financial	Banks-Money Center	33,953	44,371	4	74	55	D+
ACX.ES	Acerinox 'R'	Spain	Basic Material	Steel-Producers	2,667	8,692	4	53	22	D-
REP.ES	Repsol Ypf	Spain	Energy	Oil&Gas-Refining/Mktg	26,013	83,017	4	23	48	C+
BBVA.ES	Bbv.Argentaria	Spain	Financial	Banks-Money Center	37,382	109,117	4	87	36	D-
SAN.ES	Banco Santander	Spain	Financial	Banks-Money Center	73,377	185,296	3	58	37	C-
PROB.ES	Grifols Ord Cl A	Spain	Health Care	Medical-Biomed/Biotech	11,256	16,849	4	47	46	C
IND.ES	Inditex	Spain	Retail	Retail-Apparel/Shoes/Acc	87,920	86,262	4	71	46	E
TEF.ES	Telefonica	Spain	Technology	Telecom Svcs-Integrated	41,861	90,599	4	61	42	E
BOL.SE	Boliden Ord Shs	Sweden	Basic Material	Mining-Metal Ores	6,564	37,298	3	82	36	D+
SW@G.SE	Svenska Cellulosa Aktiebolaget Sca B	Sweden	Basic Material	Paper & Paper Products	5,100	22,903	3	76	27	C
LUPE.SE	Lundin Petroleum	Sweden	Energy	Oil&Gas-Intl Expl&Prod	10,421	20,076	5	6	56	C+
SWED.SE	Swedbank A	Sweden	Financial	Banks-Money Center	16,431	84,027	3	64	14	D+
ELKB.SE	Elektro B	Sweden	Health Care	Medical-Systems/Equip	4,243	11,680	4	32	36	B
SOBI.SE	Swedish Orphan Biovitrum	Sweden	Health Care	Medical-Biomed/Biotech	5,454	15,788	6	98	25	D-
TEL.SE	Telia Company	Sweden	Technology	Telecom Svcs-Integrated	17,730	41,615	4	45	45	D+
EMSN.CH	Ems-Chemie 'N'	Switzerland	Basic Material	Chemicals-Specialty	14,102	14,647	3	73	69	C+
CLN.CH	Clariant	Switzerland	Basic Material	Chemicals-Specialty	6,249	28,251	5	91	18	E
ABBN.CH	Abb Ltd N	Switzerland	Capital Equipment	Electrical-Power/Equipmt	41,152	120,554	4	39	25	E
CFR.CH	Richemont N	Switzerland	Consumer Cyclical	Apparel-Clothing Mfg	38,648	106,315	3	79	43	B
BAER.CH	Julius Baer Gruppe	Switzerland	Financial	Banks-Money Center	9,310	55,315	3	55	27	C-
CSGN.CH	Credit Suisse Group	Switzerland	Financial	Banks-Money Center	30,177	136,284	4	47	25	D-
EVR.GB	Evraz	United Kingdom	Basic Material	Steel-Producers	10,834	20,300	2	72	92	C+
JMAT.GB	Johnson Matthey	United Kingdom	Basic Material	Mining-Gold/Silver/Gems	7,740	14,770	3	80	30	B-
MGGT.GB	Meggitt	United Kingdom	Capital Equipment	Aerospace/Defense	5,050	11,909	4	40	34	B-
MNDI.GB	Mondi	United Kingdom	Capital Equipment	Containers/Packaging	7,936	29,617	6	91	14	C-
BRBY.GB	Burberry Group	United Kingdom	Consumer Cyclical	Apparel-Clothing Mfg	9,530	23,898	3	78	22	C-
CCL.GB	Carnival	United Kingdom	Consumer Cyclical	Leisure-Services	8,336	30,302	5	87	15	D-
IMB.GB	Imperial Brands	United Kingdom	Consumer Staple	Tobacco	25,435	56,808	5	83	8	D+
RB.GB	Reckitt Benckiser Group	United Kingdom	Consumer Staple	Cosmetics/Personal Care	57,279	118,676	4	46	61	B
GLEN.GB	Glencore	United Kingdom	Energy	Energy-Coal	46,427	117,153	6	25	11	E
RDSB.GB	Royal Dutch Shell B	United Kingdom	Energy	Oil&Gas-Integrated	121,056	129,210	3	67	55	B-
DCC.GB	Dcc	United Kingdom	Energy	Oil&Gas-Refining/Mktg	8,767	18,142	4	79	79	B+
TLW.GB	Tullow Oil	United Kingdom	Energy	Oil&Gas-Intl Expl&Prod	4,009	15,493	4	26	55	B-
BP.GB	Bp	United Kingdom	Energy	Oil&Gas-Refining/Mktg	144,359	208,586	5	45	61	B-

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
BLND.GB	British Land	United Kingdom	Financial	Finance-Property REIT	6,519	21,102	4	22	16	D-
RBS.GB	Royal Bank Of Sctl.Gp.	United Kingdom	Financial	Banks-Money Center	33,262	43,188	5	44	13	E
NMC.GB	Nmc Health	United Kingdom	Health Care	Medical-Hospitals	6,533	19,661	5	97	7	C-
MKS.GB	Marks & Spencer Group	United Kingdom	Retail	Retail-Specialty	5,057	17,722	3	40	11	D-
MRW.GB	Morrison(Wm)spmkts.	United Kingdom	Retail	Wholesale-Food	6,342	18,993	4	57	13	E
KGF.GB	Kingfisher	United Kingdom	Retail	Retail/Whlsle-Bldg Prds	5,805	21,157	3	34	12	E
IAG.GB	Intl.Cons.Airl.Gp.(Cdi)	United Kingdom	Transportation	Transportation-Airline	11,877	42,489	4	90	6	D+
CNA.GB	Centrica	United Kingdom	Utility	Utility-Diversified	6,786	26,853	5	22	4	E

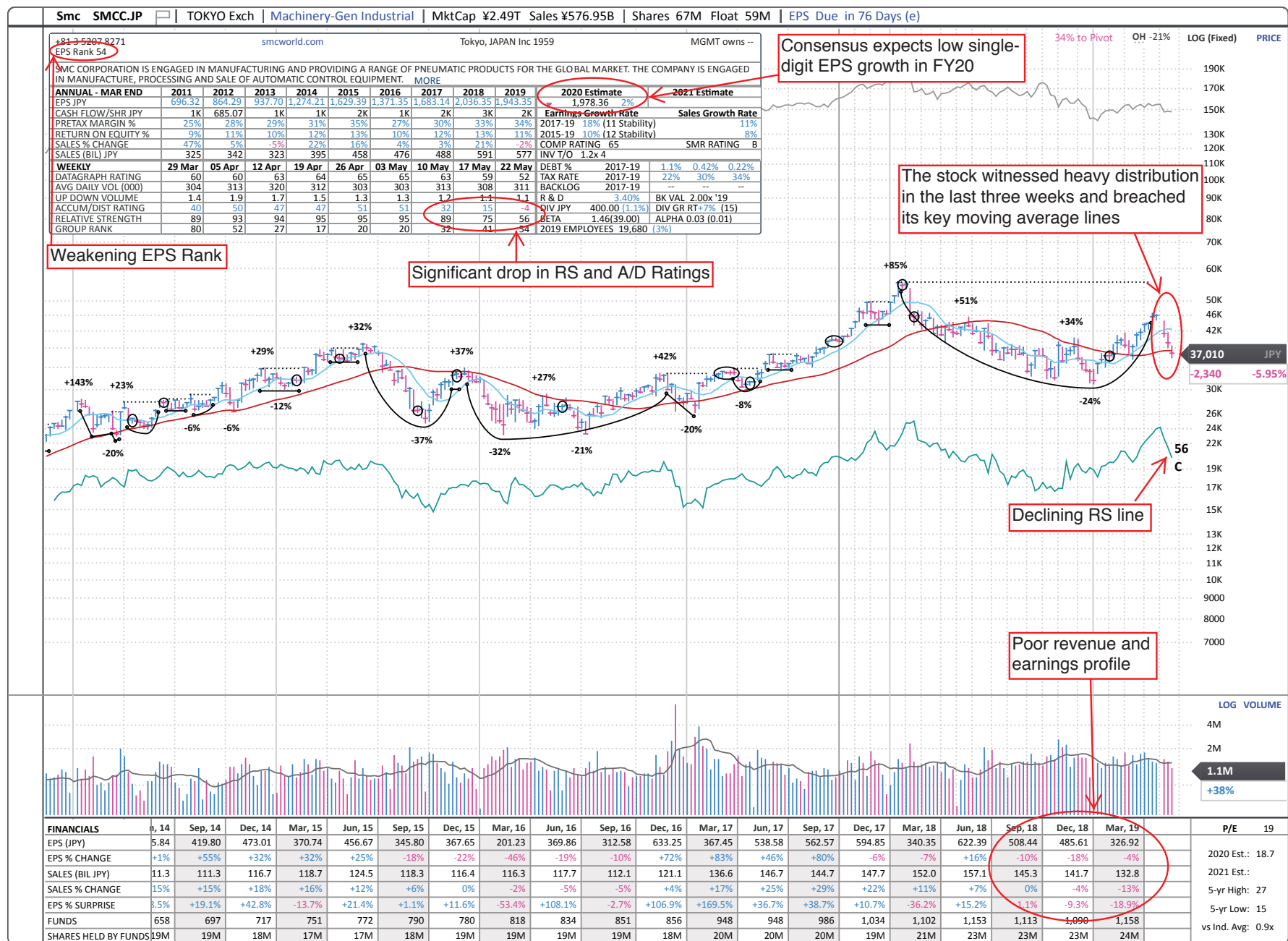
Developed — Basic Material — Highlighted Laggard



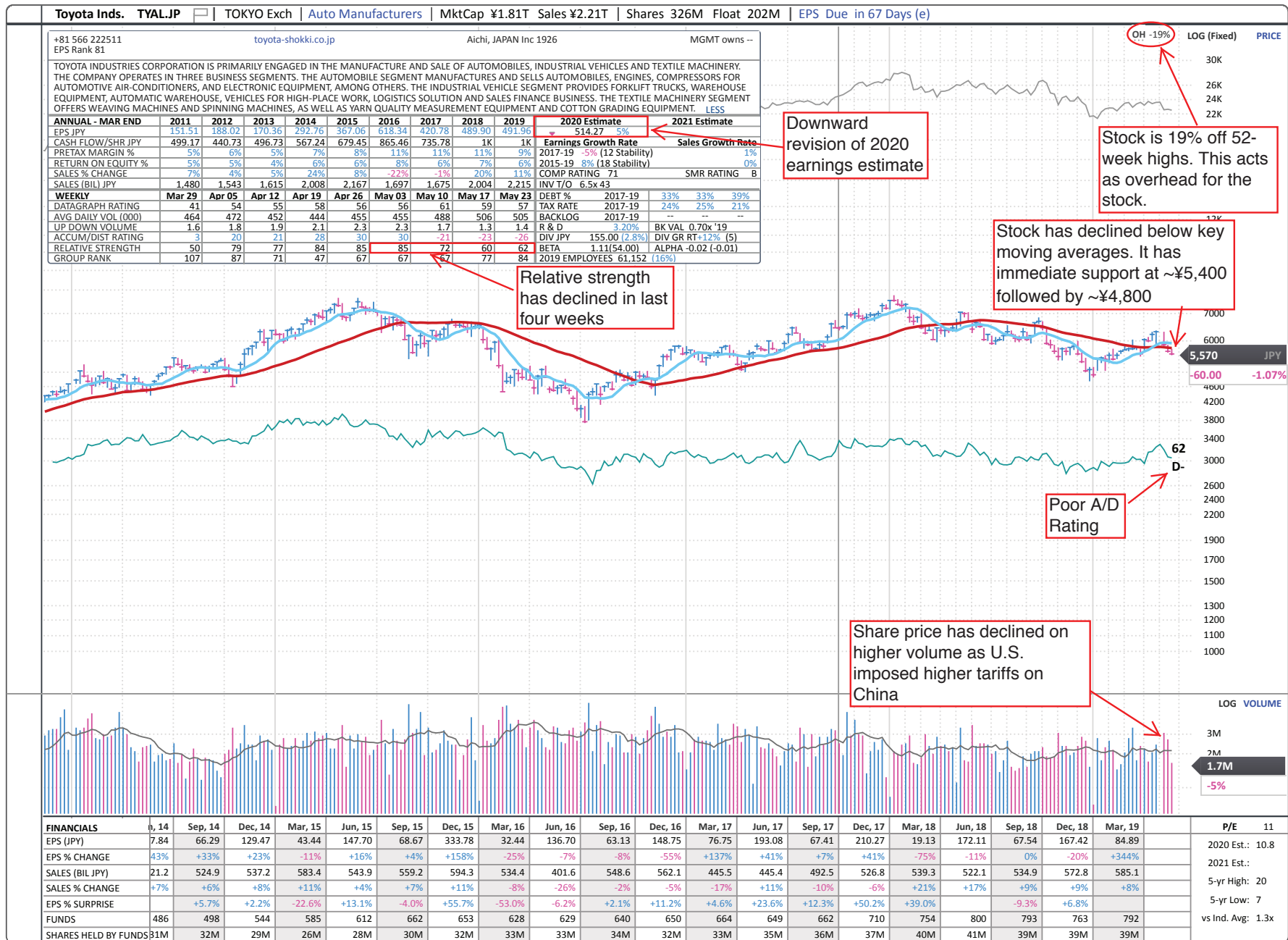
Developed — Capital Equipment — Highlighted Laggard



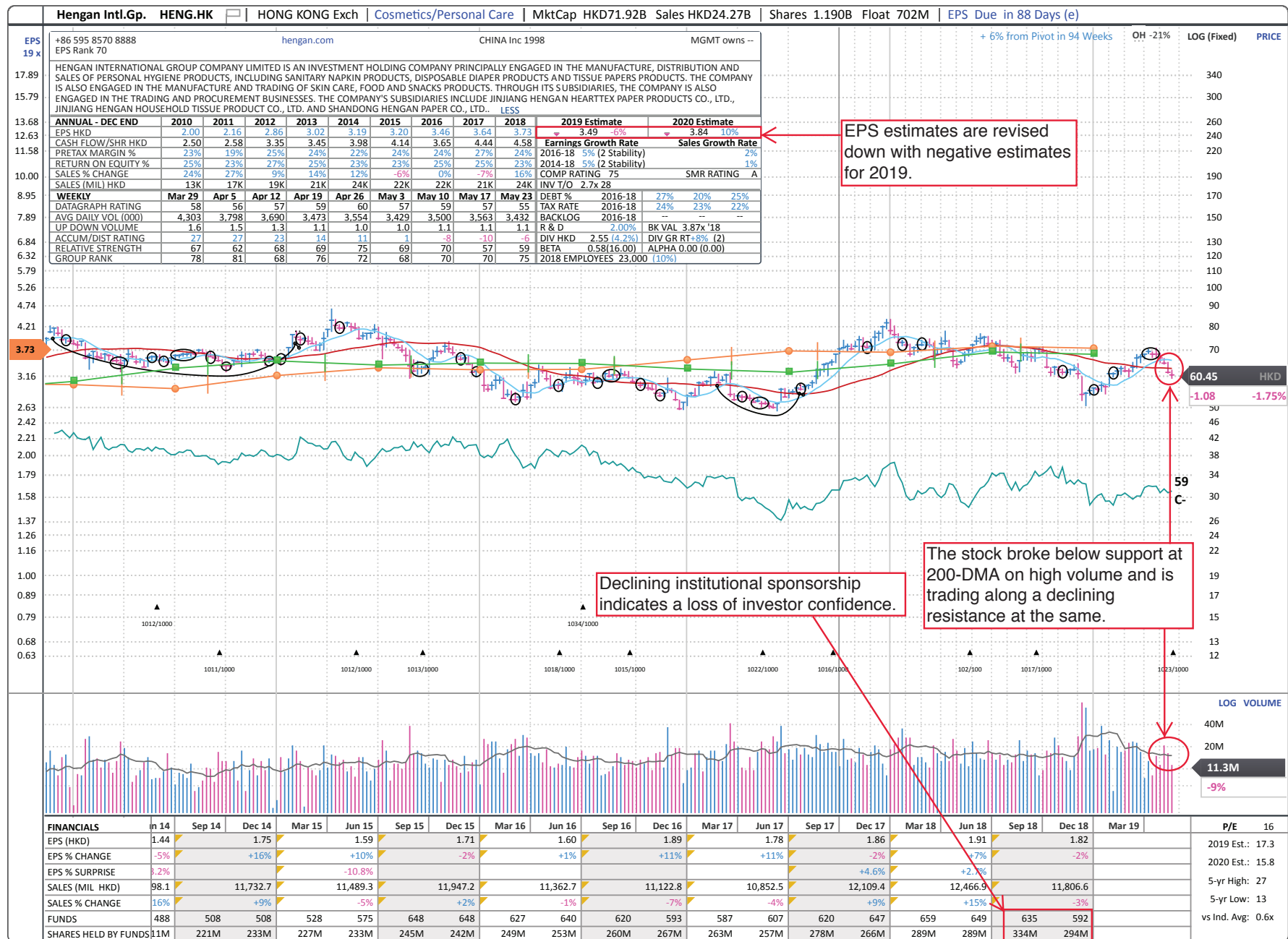
Developed — Capital Equipment — Highlighted Laggard



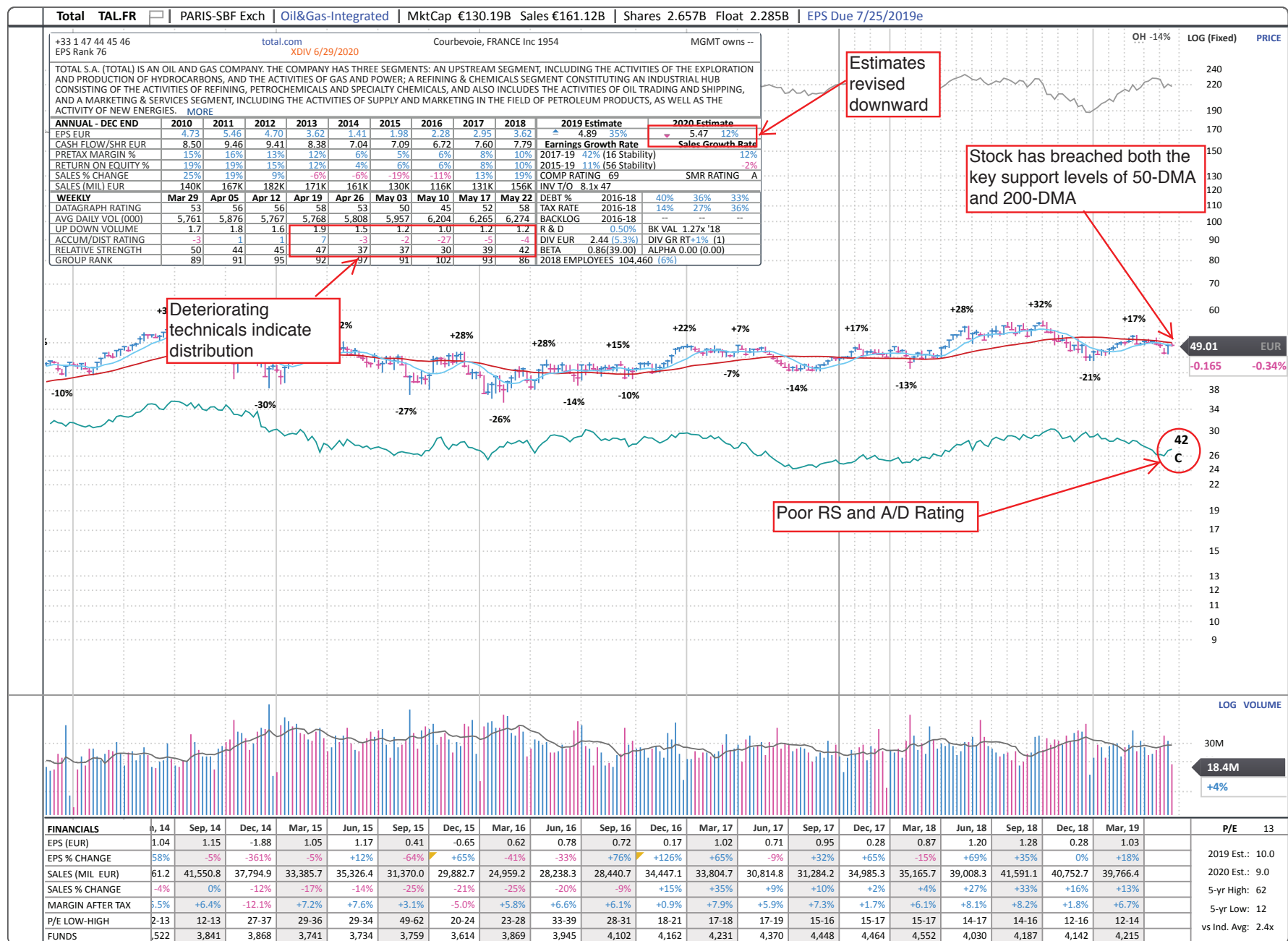
Developed — Consumer Cyclical — Highlighted Laggard



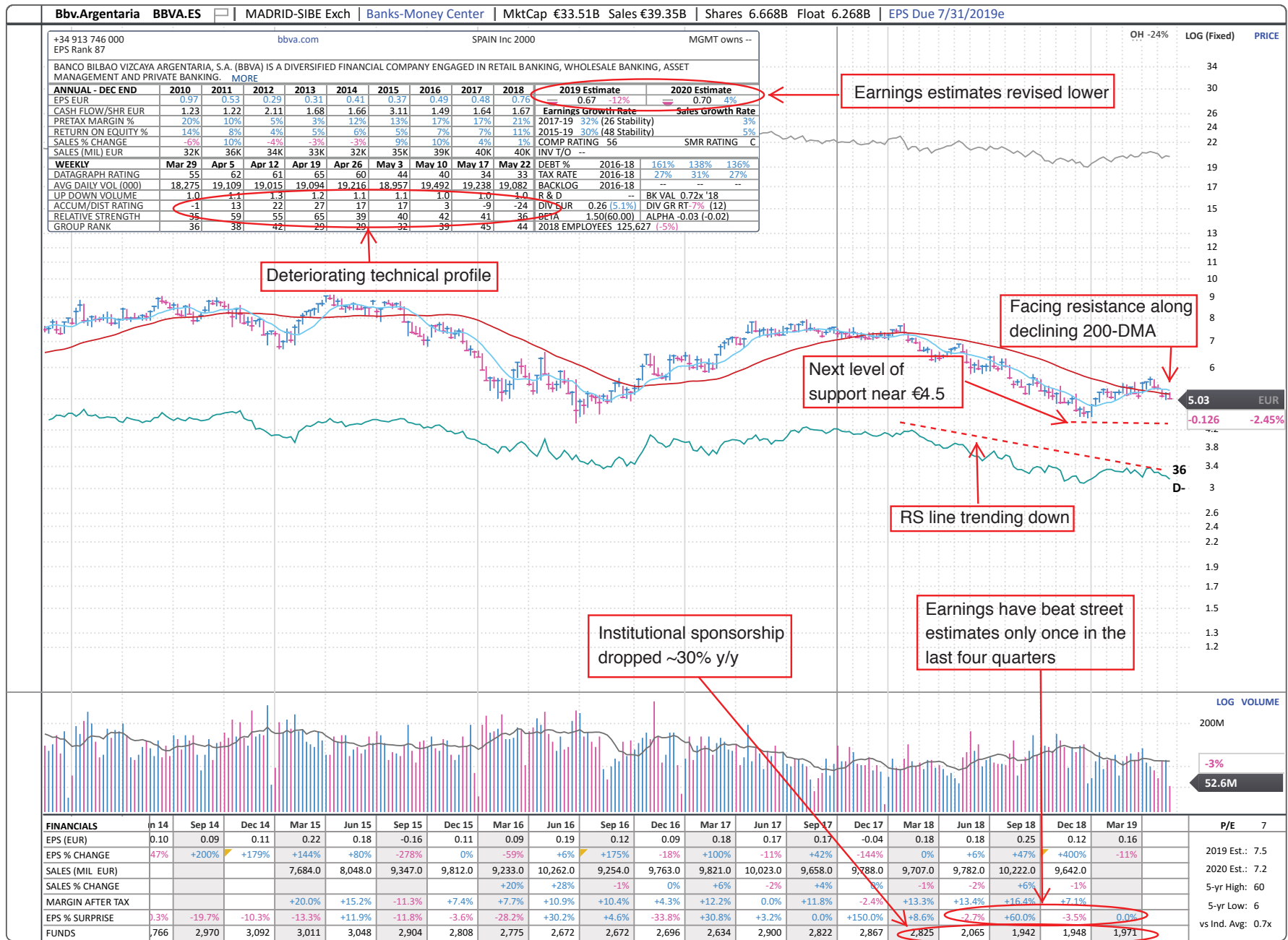
Developed — Consumer Staple — Highlighted Laggard



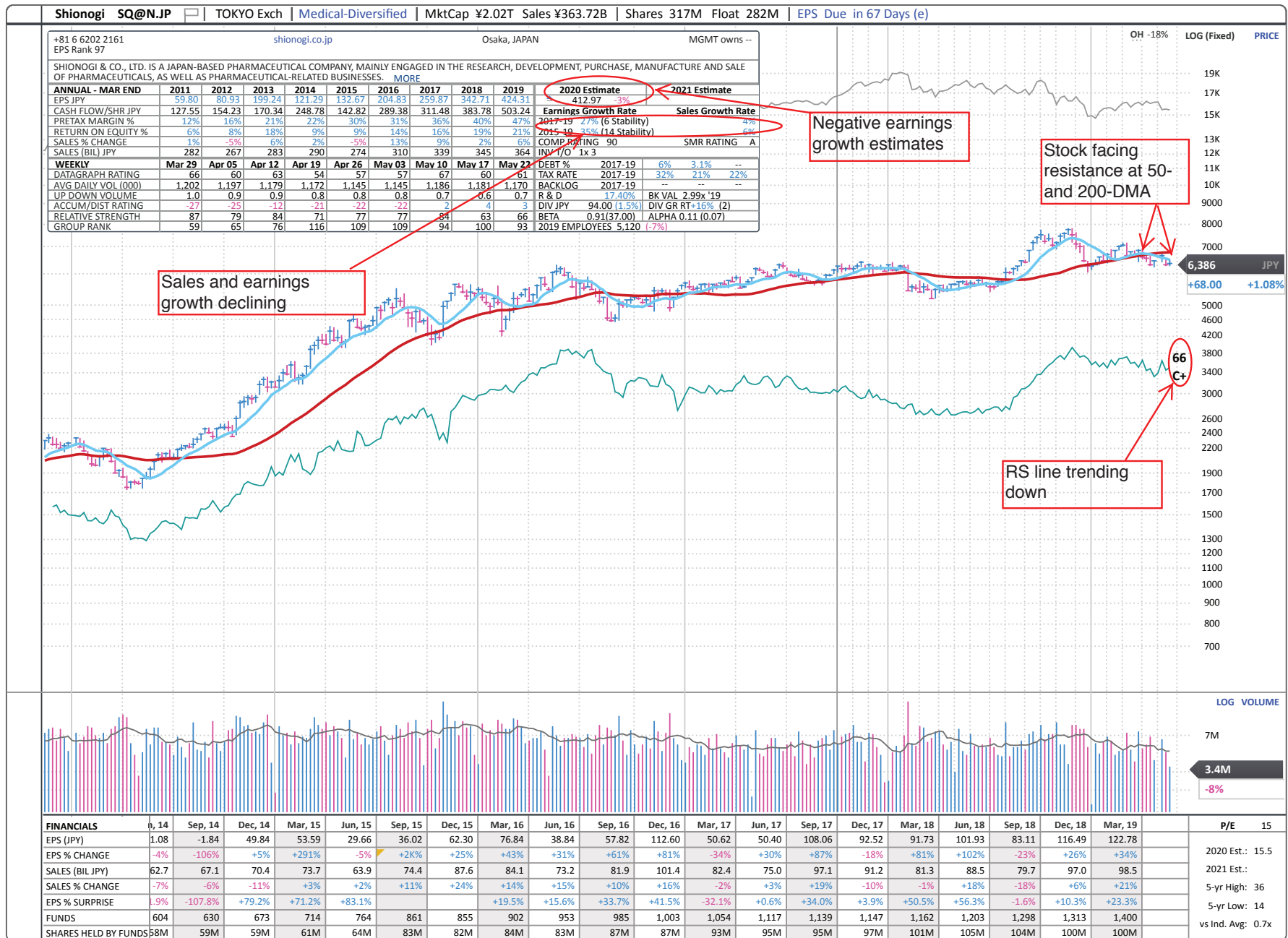
Developed — Energy — Highlighted Laggard



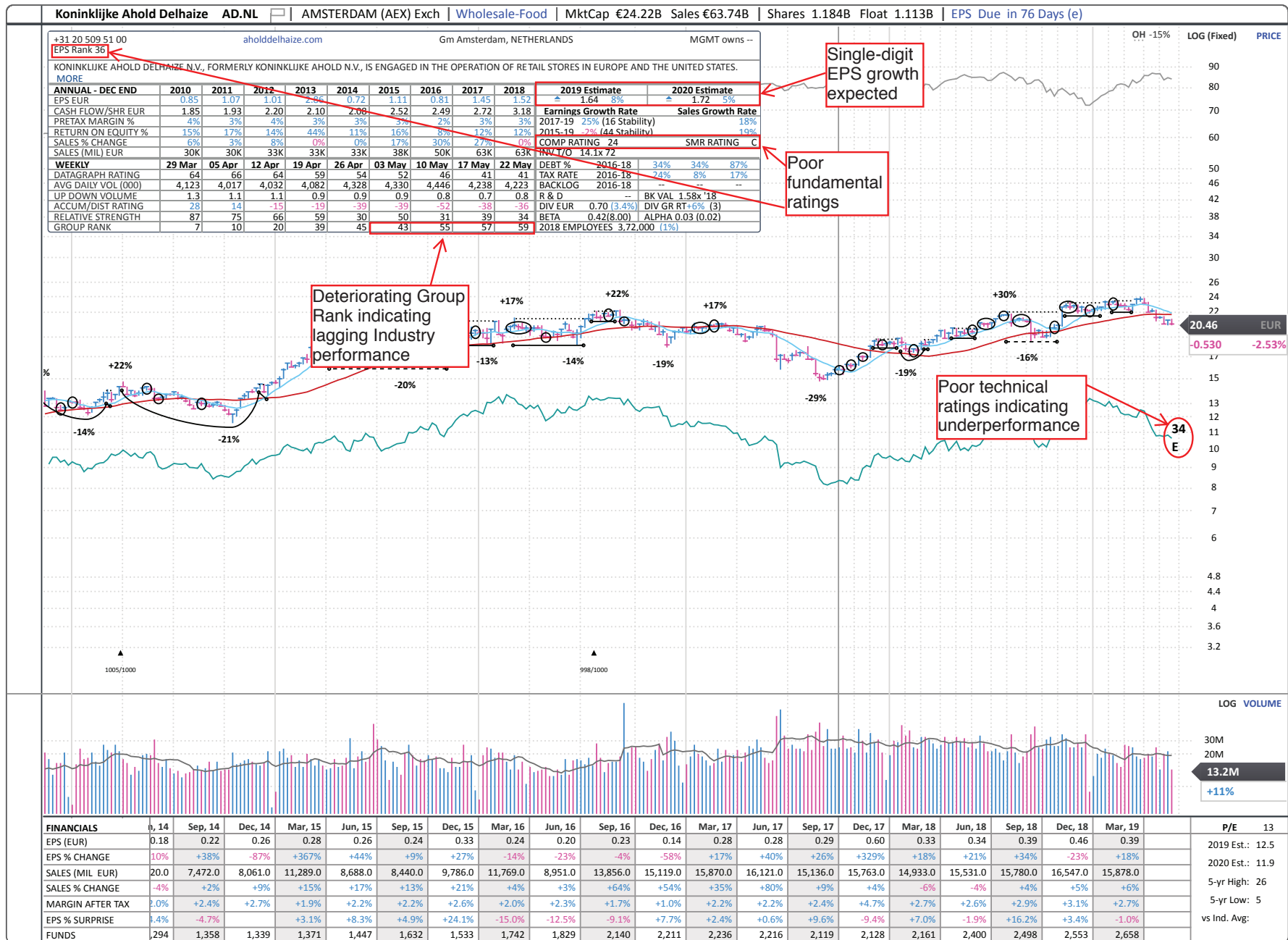
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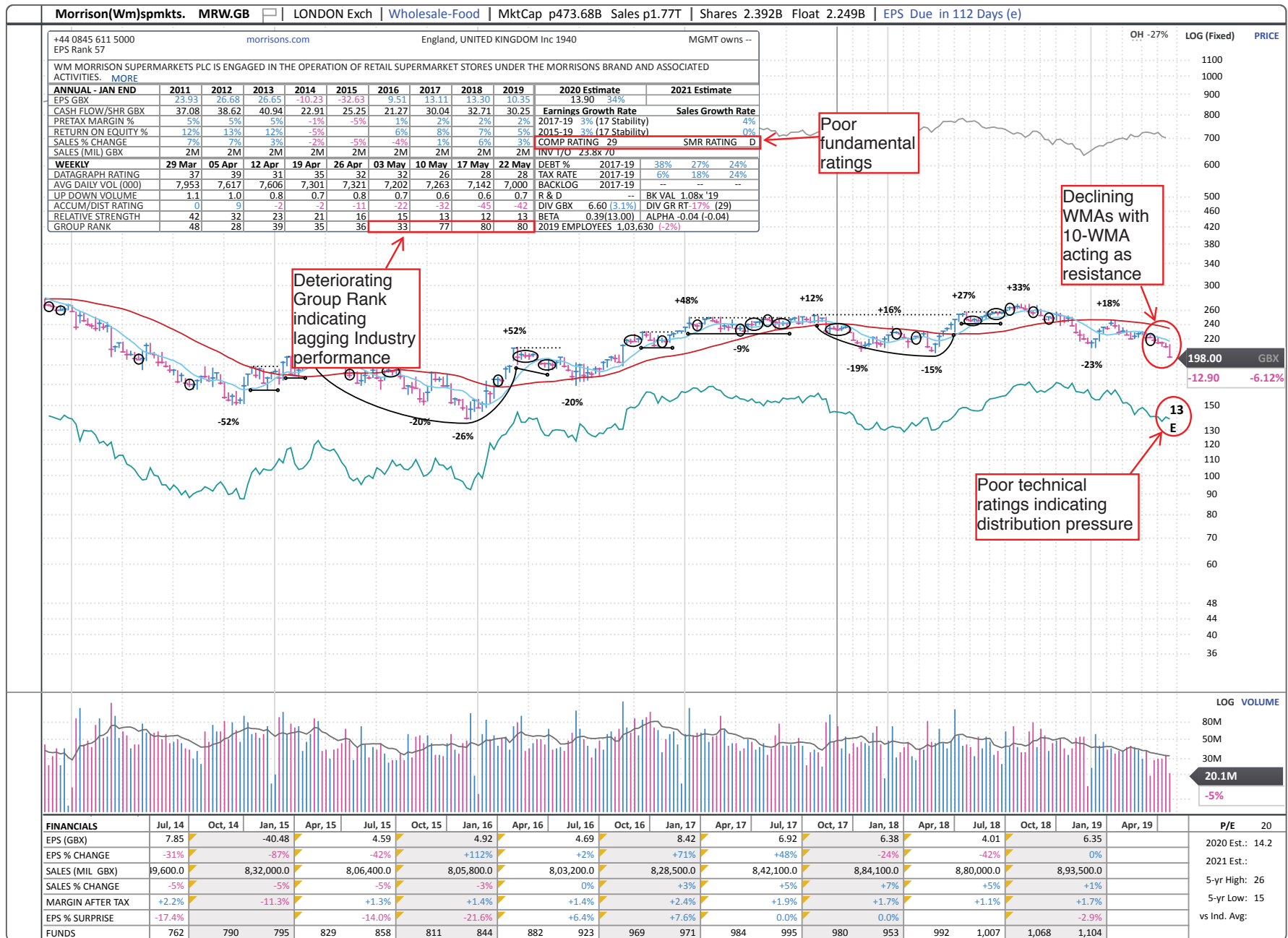
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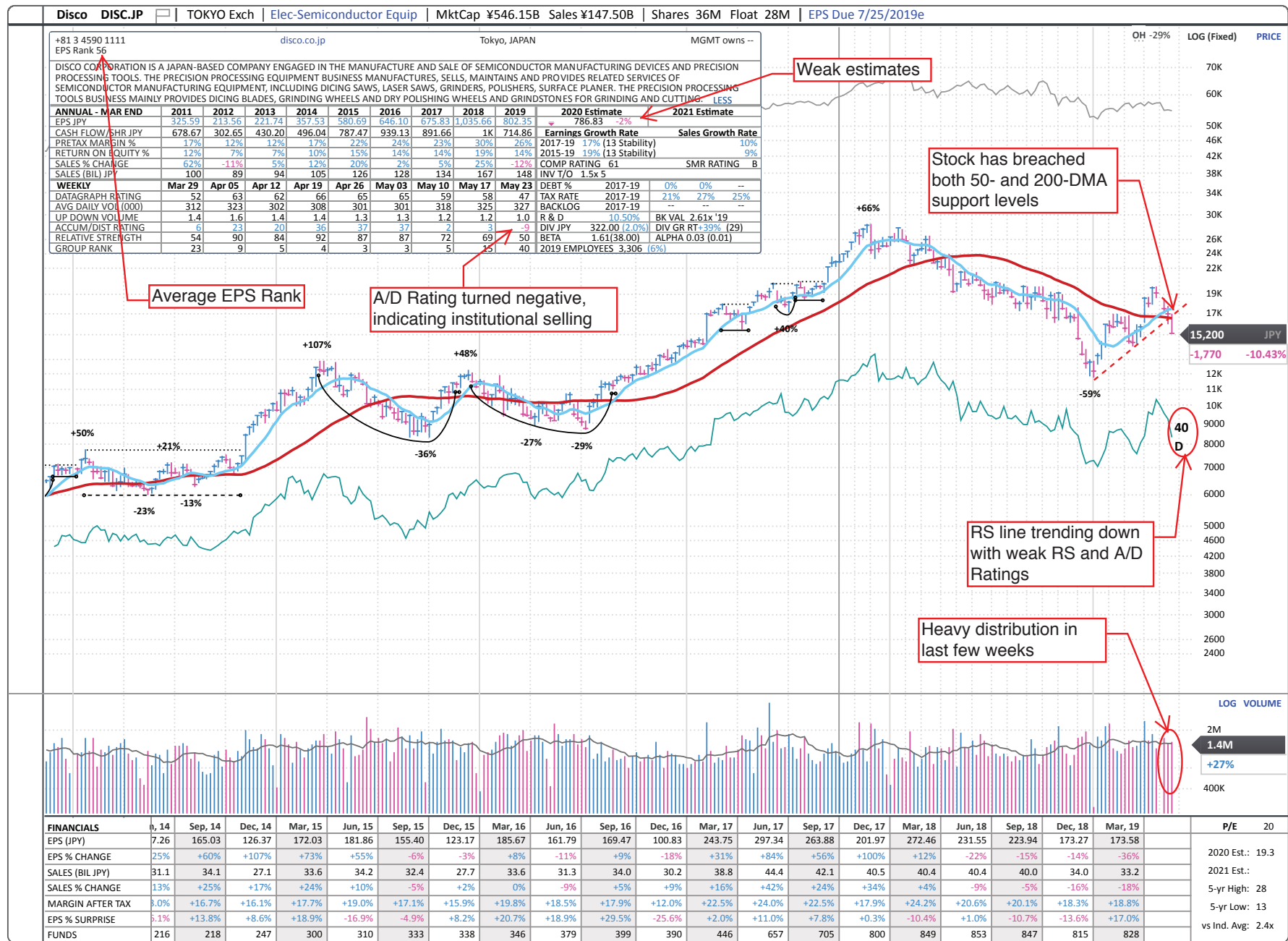
Developed — Retail — Highlighted Laggard



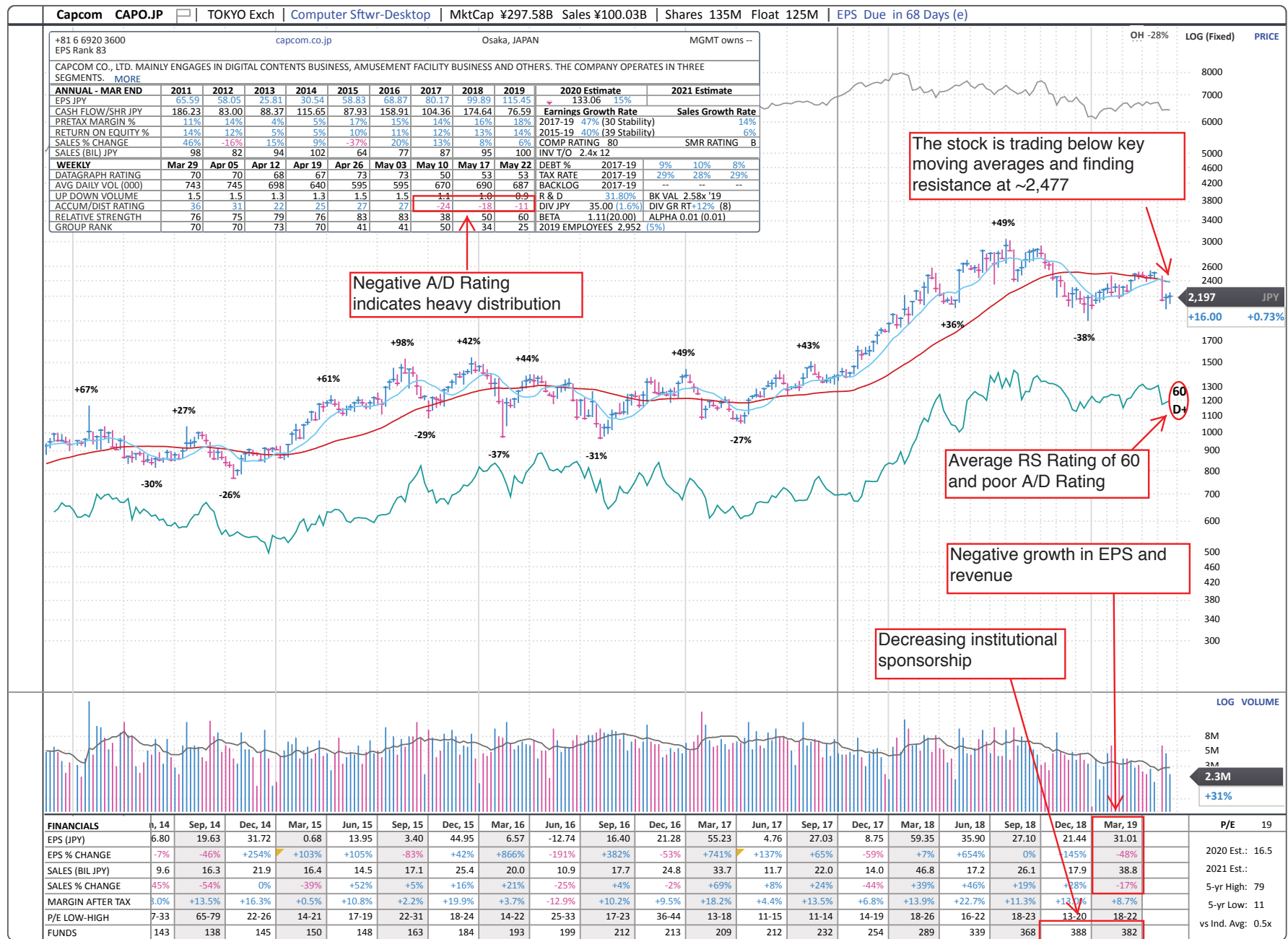
Developed — Retail — Highlighted Laggard



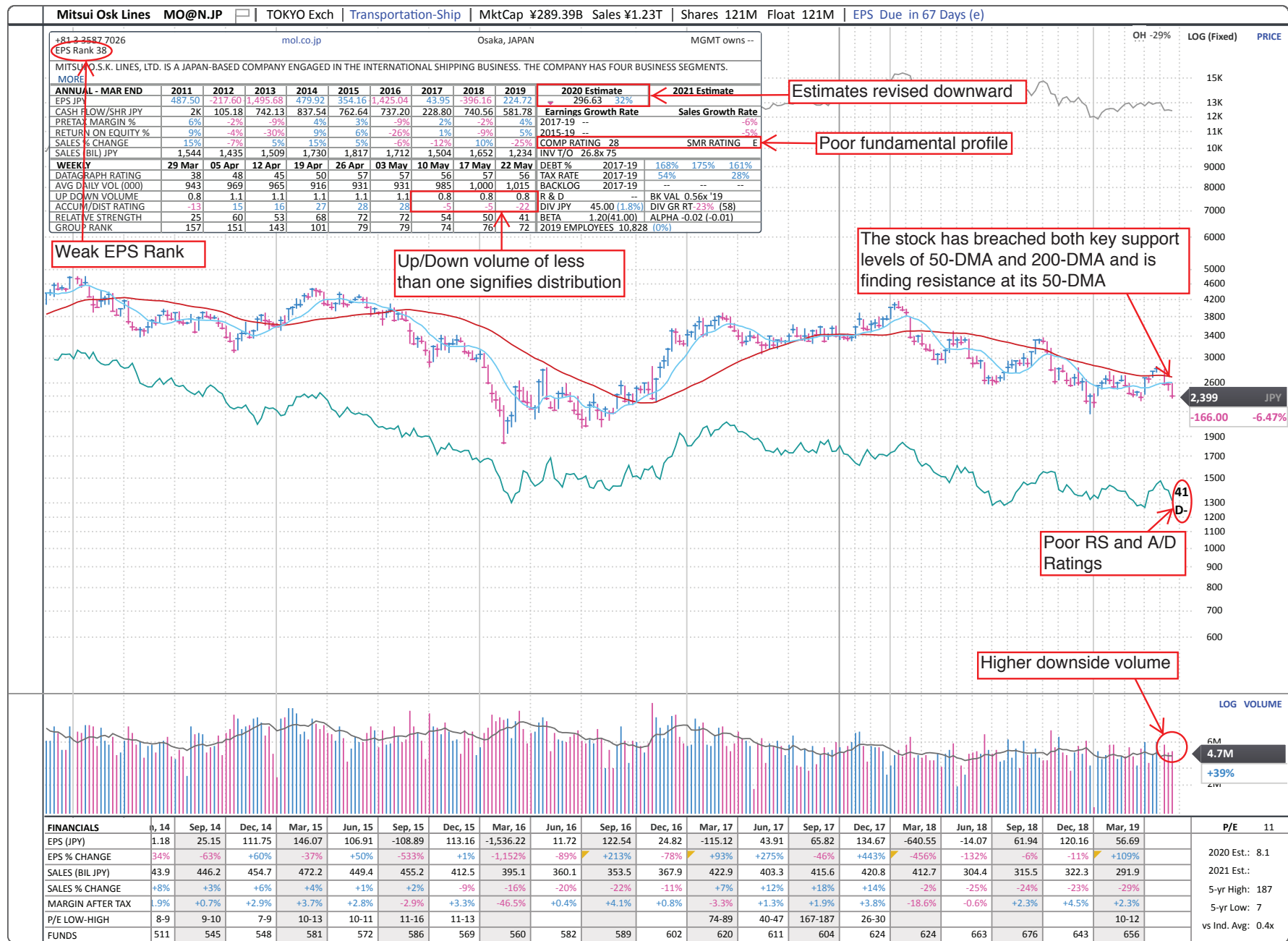
Developed — Technology — Highlighted Laggard



Developed—Technology—Highlighted Laggard



Developed — Transportation—Highlighted Laggard



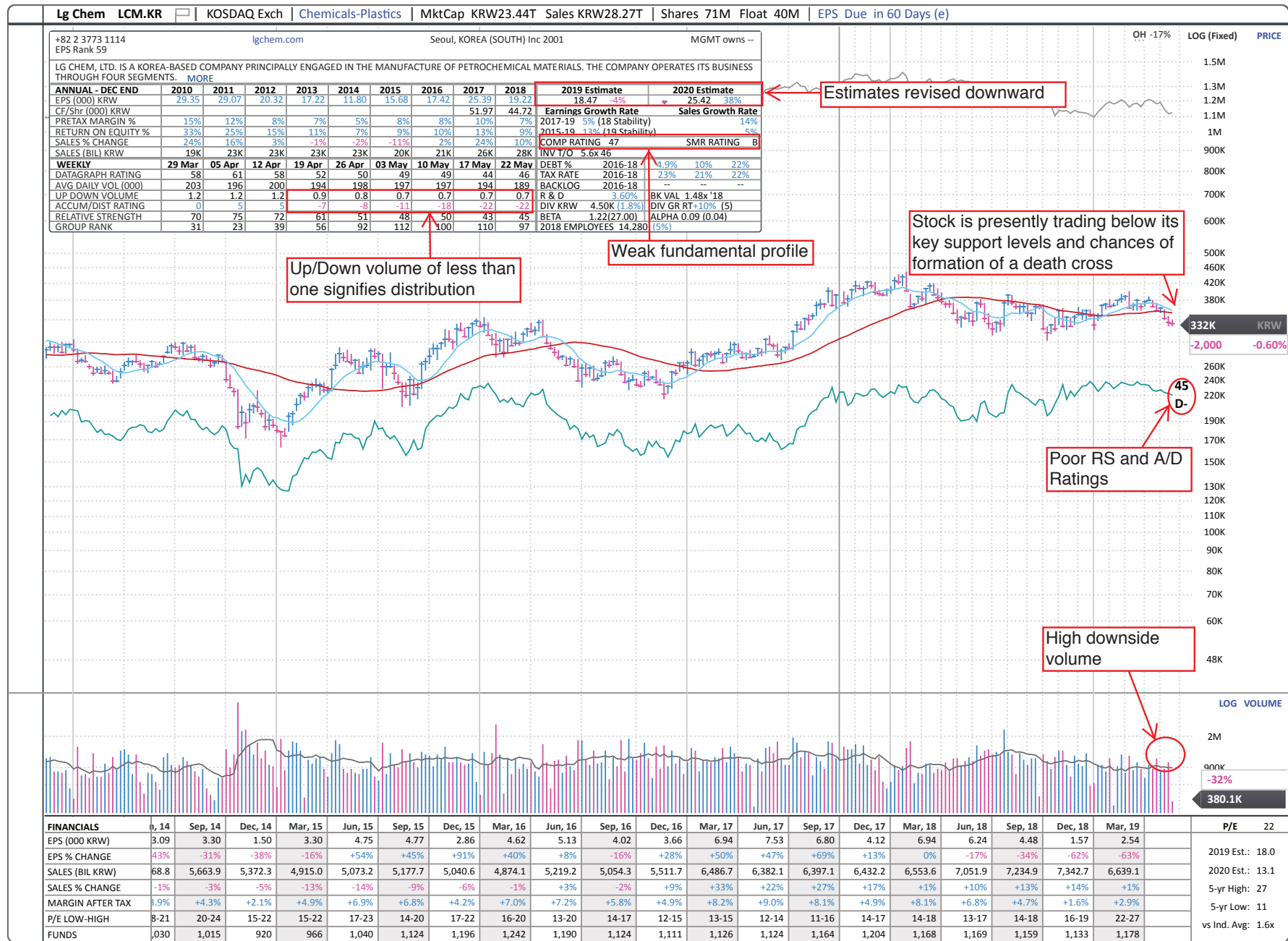
Emerging Markets

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
VA3.BR	Vale On	Brazil	Basic Material	Mining-Metal Ores	62,416	222,446	3	25	30	C
US5.BR	Usinas Siderurgicas De Minas Gerais A Pn	Brazil	Basic Material	Steel-Producers	1,152	28,104	3	21	25	C+
GGB.BR	Gerdau Pn	Brazil	Basic Material	Steel-Producers	4,076	43,950	3	48	22	C+
KM5.BR	Braskem Pn Series 'A'	Brazil	Basic Material	Chemicals-Specialty	3,650	22,906	5	10	11	C+
SUZ.BR	Suzano On	Brazil	Basic Material	Paper & Paper Products	12,653	53,243	4	24	15	D-
KLU.BR	Klabin Units	Brazil	Basic Material	Paper & Paper Products	4,429	18,967	4	32	16	D+
GO4.BR	Metalurgica Gerdau Pn	Brazil	Basic Material	Steel-Producers	1,094	15,415	4	49	21	C
WG3.BR	Weg On	Brazil	Capital Equipment	Electrical-Power/Equipmt	9,803	11,998	5	88	47	C+
CVC.BR	Cvc Bra.Opd.E Acdv. On	Brazil	Consumer Cyclical	Leisure-Travel Booking	1,834	21,641	4	91	27	C-
AVS.BR	Ambev On	Brazil	Consumer Staple	Beverages-Alcoholic	67,360	96,093	4	47	27	D+
R4P.BR	Bradespar Pn	Brazil	Financial	Finance-Investment Mgmt	1,660	13,812	3	22	33	C-
FLE.BR	Fleury On	Brazil	Health Care	Medical-Services	1,527	10,196	3	87	18	C-
CU4.BR	Cmpbra.De Distb. Pn	Brazil	Retail	Retail-Major Disc Chains	3,526	33,039	3	44	34	C-
LM4.BR	Lojas Americanas Pn Rep1 Pn	Brazil	Retail	Retail-Department Stores	4,057	27,698	3	14	15	D+
U3G.BR	Ultrapar Participoes On	Brazil	Retail	Retail-Super/Mini Mkts	5,722	32,573	3	86	14	E
TCS.BR	Tim Participacoes On	Brazil	Technology	Telecom Svcs-Wireless	6,441	10,458	4	29	18	D
SQB.CL	Sociedad Quimica Y Minera De Chile B Pref.	Chile	Basic Material	Chemicals-Agricultural	3,935	10,581	4	55	5	D
FAL.CL	Saci Falabella	Chile	Retail	Retail-Department Stores	16,186	13,604	3	36	10	D
ASC.IN	Acc	India	Basic Material	Bldg-Cement/Concrt/Ag	4,420	20,883	2	79	85	B
HDI.IN	Hindalco Industries	India	Capital Equipment	Metal Proc & Fabrication	6,168	22,067	2	77	50	D
DAB.IN	Dabur India	India	Consumer Staple	Cosmetics/Personal Care	9,772	15,740	6	61	52	C+
NES.IN	Nestle India	India	Consumer Staple	Food-Misc Preparation	14,943	11,859	4	60	74	C+
BRI.IN	Britannia Inds.	India	Consumer Staple	Food-Grain & Related	9,792	19,438	7	82	54	B-
LFH.IN	L&T Finance Holdings	India	Financial	Financial Svcs-Specialty	3,545	11,586	4	88	40	C-
SNN.IN	Shriram Tran.Fin.	India	Financial	Finance-Consumer Loans	3,465	17,079	4	70	46	C-
ZIB.IN	Idfc First Bank	India	Financial	Banks-Foreign	2,886	11,085	4	7	64	D-
TIC.IN	Sun Pharm.Industries	India	Health Care	Medical-Generic Drugs	14,222	35,819	4	40	38	C+
PRH.IN	Piramal Enterprises	India	Health Care	Medical-Diversified	6,137	17,667	4	46	52	D-
AHE.IN	Apollo Hosps.Enterprise	India	Health Care	Medical-Hospitals	2,297	9,410	3	28	74	C
LUP.IN	Lupin	India	Health Care	Medical-Generic Drugs	4,872	23,811	4	34	54	D+
ROB.IN	Aurobindo Pharma	India	Health Care	Medical-Generic Drugs	5,653	22,419	2	71	60	D+
BBB.IN	Biocon	India	Health Care	Medical-Generic Drugs	4,335	13,126	5	86	32	E
ATA.ID	Astra International	Indonesia	Consumer Cyclical	Auto Manufacturers	19,789	18,258	4	61	37	D+
RLK.ID	Telekomunikasi Indonesia (Persero)	Indonesia	Technology	Telecom Svcs-Integrated	24,962	19,467	5	72	55	B-

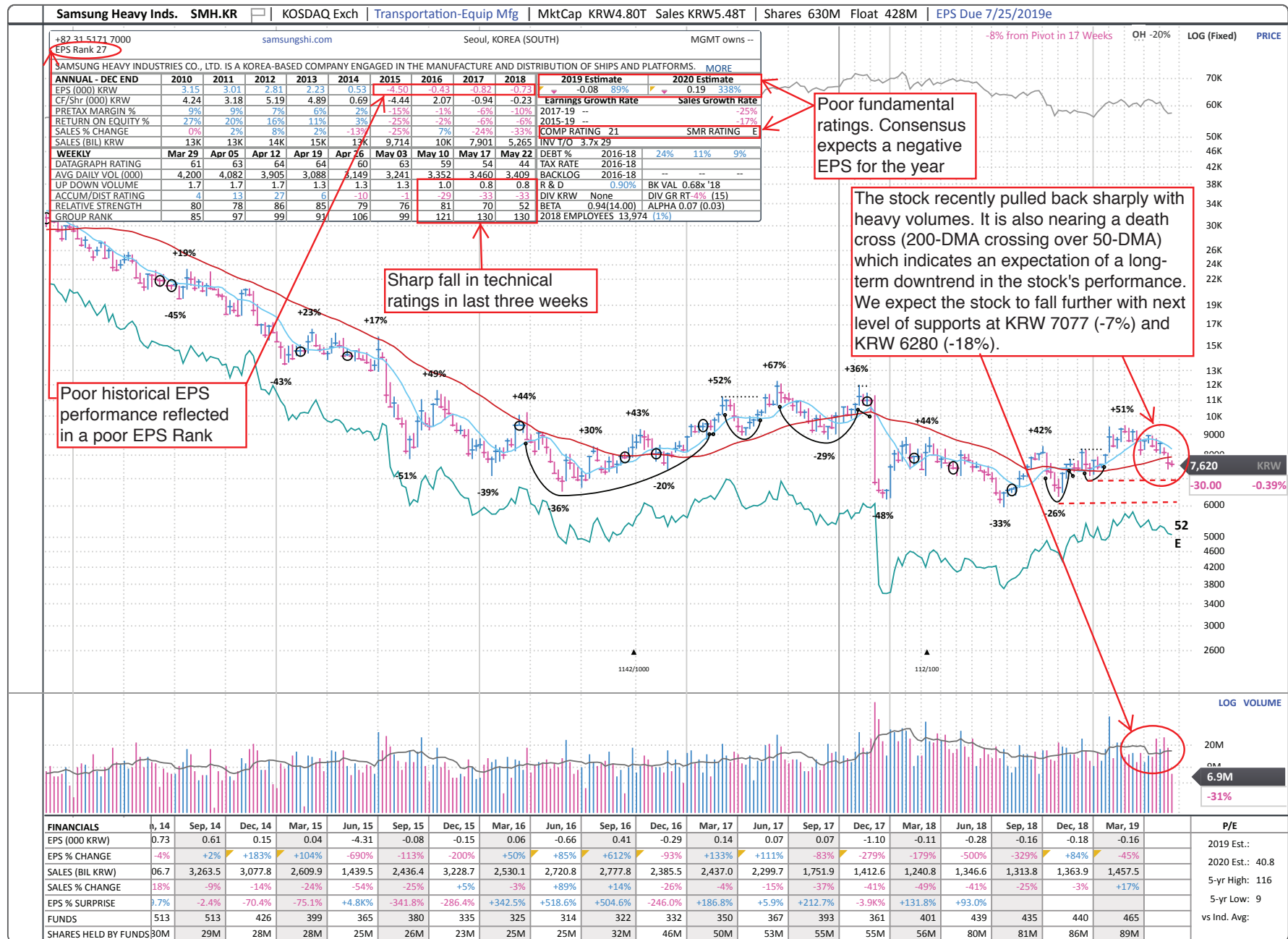
Symbol	Name	Trading Country	Sector Name	Industry Group Name	Market Value, USD (Mil)	Avg Daily Dollar Vol (000), USD	Negative Alert Score, 10 Wks	EPS Rank	RS Rating	A/D Rating
PCHE.MY	Petronas Chemicals Gp.	Malaysia	Basic Material	Chemicals-Specialty	16,493	12,161	4	97	61	D
TENN.MY	Tenaga Nasional	Malaysia	Energy	Energy-Alternative/Other	15,841	14,638	4	44	25	D-
PBOM.MY	Public Bank	Malaysia	Financial	Banks-Money Center	20,867	27,303	6	1	46	C-
CSB.MX	Mexichem De Cv	Mexico	Basic Material	Chemicals-Plastics	4,820	9,455	4	80	17	D-
GRM.MX	Gruma	Mexico	Consumer Staple	Food-Misc Preparation	4,161	11,288	4	27	21	C
KGH.PL	Kghm	Poland	Basic Material	Mining-Metal Ores	4,906	12,832	4	70	63	C-
PLK.PL	Plknc.Naftowy Orlen	Poland	Energy	Oil&Gas-Refining/Mktg	10,162	16,169	7	79	46	E
PKB.PL	Pko Bank	Poland	Financial	Banks-Money Center	12,207	16,951	4	86	46	C-
QNB.QA	Qatar National Bank	Qatar	Financial	Banks-Money Center	42,869	10,964	6	94	56	C-
RSF.RU	Oc Rosneft	Russia	Energy	Oil&Gas-Integrated	68,222	20,481	5	55	54	B-
SOLJ.ZA	Sasol	South Africa	Basic Material	Chemicals-Specialty	16,297	38,527	3	71	25	E
MNDJ.ZA	Mondi	South Africa	Capital Equipment	Containers/Packaging	2,561	10,879	4	37	33	D+
REMJ.ZA	Remgro	South Africa	Financial	Finance-Investment Mgmt	6,740	14,055	3	90	39	D+
APNJ.ZA	Aspen Phmc.Hdg.	South Africa	Health Care	Medical-Generic Drugs	3,312	16,507	5	32	6	B-
SHPJ.ZA	Shoprite	South Africa	Retail	Retail-Super/Mini Mkts	6,972	20,103	3	44	39	D
KRZ.KR	Korea Zinc	South Korea	Basic Material	Mining-Gold/Silver/Gems	6,888	11,645	5	74	70	D-
LCM.KR	Lg Chem	South Korea	Basic Material	Chemicals-Plastics	19,349	52,581	3	58	45	D-
SMH.KR	Samsung Heavy Inds.	South Korea	Capital Equipment	Transportation-Equip Mfg	4,066	21,759	4	27	54	E
LCV.KR	Gs Engr. & Con.	South Korea	Capital Equipment	Bldg-Heavy Construction	2,648	15,415	4	39	40	D+
CLZ.KR	Samsung C&T	South Korea	Capital Equipment	Bldg-Heavy Construction	15,026	19,341	4	85	26	E
HUE.KR	Hyundai Heavy Industries	South Korea	Capital Equipment	Transportation-Equip Mfg	6,615	21,241	7	23	37	D-
WJC.KR	Woongjin Coway	South Korea	Consumer Cyclical	Hsehold-Appliances/Wares	4,776	11,899	5	88	43	E
CJC.KR	Cj Cheiljedang	South Korea	Consumer Staple	Food-Packaged	3,596	7,881	4	96	31	E
KTB.KR	Kt & G	South Korea	Consumer Staple	Tobacco	11,738	21,867	4	75	68	D
SBG.KR	Sk Innovation	South Korea	Energy	Oil&Gas-Refining/Mktg	13,137	28,027	5	80	37	C-
AFM.KR	Samsung Fire & Mar.In.	South Korea	Financial	Insurance-Prop/Cas/Titl	10,940	18,847	4	85	63	D+
SFC.KR	Samsung Life Insurance	South Korea	Financial	Insurance-Life	13,663	11,342	3	88	37	D-
MEY.KR	Medy-Tox	South Korea	Health Care	Medical-Biomed/Biotech	2,190	13,601	5	80	16	E
HPM.KR	Hanmi Pharm	South Korea	Health Care	Medical-Generic Drugs	3,918	10,440	5	38	37	E
BCS.KR	Samsung Biologics	South Korea	Health Care	Medical-Biomed/Biotech	16,583	35,408	5	61	16	D+
ORC.KR	Celltrion	South Korea	Health Care	Medical-Biomed/Biotech	19,416	83,245	4	81	20	D
VIR.KR	Helixmith	South Korea	Health Care	Medical-Biomed/Biotech	2,722	22,188	5	1	31	E
CLL.KR	Celltrion Healthcare	South Korea	Health Care	Medical-Biomed/Biotech	6,811	28,787	4	58	9	D-
JLS.KR	Sillajen	South Korea	Health Care	Medical-Biomed/Biotech	3,291	47,974	4	34	18	D-
LTE.KR	Lotte Shopping	South Korea	Retail	Retail-Department Stores	3,794	10,959	4	42	22	E
KTL.KR	Kt	South Korea	Technology	Telecom Svcs-Integrated	5,931	15,118	5	94	57	C
SCT.KR	Samsung Sdi	South Korea	Technology	Electronic-Parts	12,393	56,056	4	82	62	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
C&C.KR	Sk Holdings	South Korea	Technology	Computer-Tech Services	14,007	17,737	3	90	35	E
SZS.KR	Samsung Sds	South Korea	Technology	Computer-Tech Services	13,329	13,263	4	91	54	B
HYI.KR	Sk Hynix	South Korea	Technology	Computer-Data Storage	41,496	187,858	3	81	35	E
LGL.KR	Lg Display	South Korea	Technology	Electronic-Parts	4,904	21,944	4	47	22	E
NHN.KR	Naver	South Korea	Technology	Internet-Content	15,611	42,039	4	54	37	D+
FOR.TW	Formosa Chems.& Fibre	Taiwan	Basic Material	Chemicals-Plastics	19,787	17,917	5	50	46	D-
FPL.TW	Formosa Plastics	Taiwan	Basic Material	Chemicals-Plastics	21,995	19,747	4	56	65	D+
PRE.TW	Uni-President Ents.	Taiwan	Consumer Staple	Food-Grain & Related	14,409	20,888	4	70	73	A+
CFC.TW	Cathay Finl.Hldg.	Taiwan	Financial	Insurance-Life	16,328	27,287	6	42	16	E
SHK.TW	Shin Kong Finl.Hldg.	Taiwan	Financial	Insurance-Life	3,272	11,773	4	9	14	D
FUB.TW	Fubon Finl.Hldg.	Taiwan	Financial	Insurance-Life	13,787	18,777	5	33	23	E
VGS.TW	Vangd.Intl.Semicon.	Taiwan	Technology	Elec-Semiconductor Mfg	3,156	10,500	4	87	34	E
CBO.TW	Chipbond Tech.	Taiwan	Technology	Elec-Semiconductor Mfg	1,153	17,869	4	88	27	D-
AIH.TW	Ase Technology Holding	Taiwan	Technology	Elec-Semiconductor Equip	7,989	20,243	3	24	30	D-
INVX.TH	Indorama Ventures	Thailand	Basic Material	Chemicals-Specialty	7,910	26,668	4	54	34	C
BPCT.TH	Banpu	Thailand	Energy	Energy-Coal	2,295	10,300	4	39	21	E
THOI.TH	Thai Oil	Thailand	Energy	Oil&Gas-Refining/Mktg	3,768	24,419	4	49	15	E
TPI.TH	Irpc	Thailand	Energy	Oil&Gas-Refining/Mktg	2,943	11,489	4	35	14	E
PTTB.TH	Ptt	Thailand	Energy	Oil&Gas-Refining/Mktg	40,913	66,234	4	63	52	E
TFBF.TH	Kasikornbank Fb	Thailand	Financial	Banks-Money Center	14,087	11,509	4	70	57	D+
SBBT.TH	Siam Commercial Bank	Thailand	Financial	Banks-Money Center	13,554	31,527	5	44	54	C-
BBLT.TH	Bangkok Bank	Thailand	Financial	Banks-Money Center	11,923	18,644	5	59	67	E
TFBT.TH	Kasikornbank	Thailand	Financial	Banks-Money Center	14,049	30,339	3	70	61	D-
KAI.TR	Koza Altin Isletmeleri	Turkey	Basic Material	Mining-Gold/Silver/Gems	1,137	14,398	5	86	67	B
PET.TR	Petkim Petrokimya Hldg.	Turkey	Basic Material	Chemicals-Specialty	1,189	45,595	3	81	43	C-
HLB.TR	Turkiye Halk Bankasi	Turkey	Financial	Banks-Money Center	1,042	48,719	3	62	16	D
GAR.TR	Tki.Garanti Bksi.	Turkey	Financial	Banks-Money Center	4,864	141,052	3	76	49	D
TVB.TR	Tki.Vakiflar Bankasi	Turkey	Financial	Banks-Money Center	1,388	23,835	4	79	26	C-
KCH.TR	Koc Holding	Turkey	Financial	Finance-Investment Mgmt	6,060	11,098	4	29	64	D
BMI.TR	Bim Birlesik Magazalar	Turkey	Retail	Retail-Discount&Variety	3,600	16,200	4	87	59	D
THY.TR	Turk Hava Yollari	Turkey	Transportation	Transportation-Airline	2,545	136,967	3	52	21	D
NBA.AE	First Abu Dhabi Bank	United Arab Emirates	Financial	Banks-Money Center	41,086	16,998	3	60	74	E

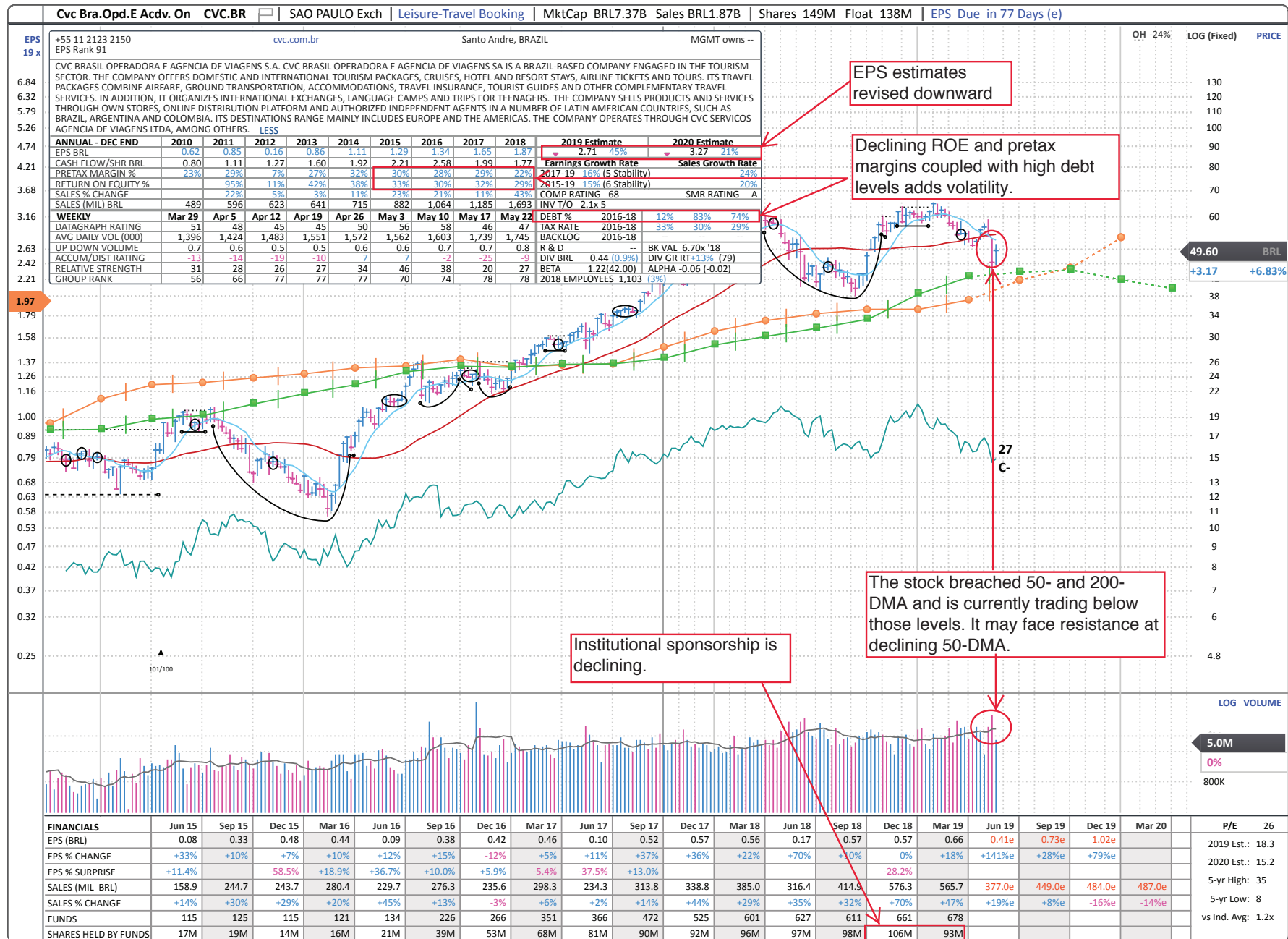
Emerging — Basic Material — Highlighted Laggard



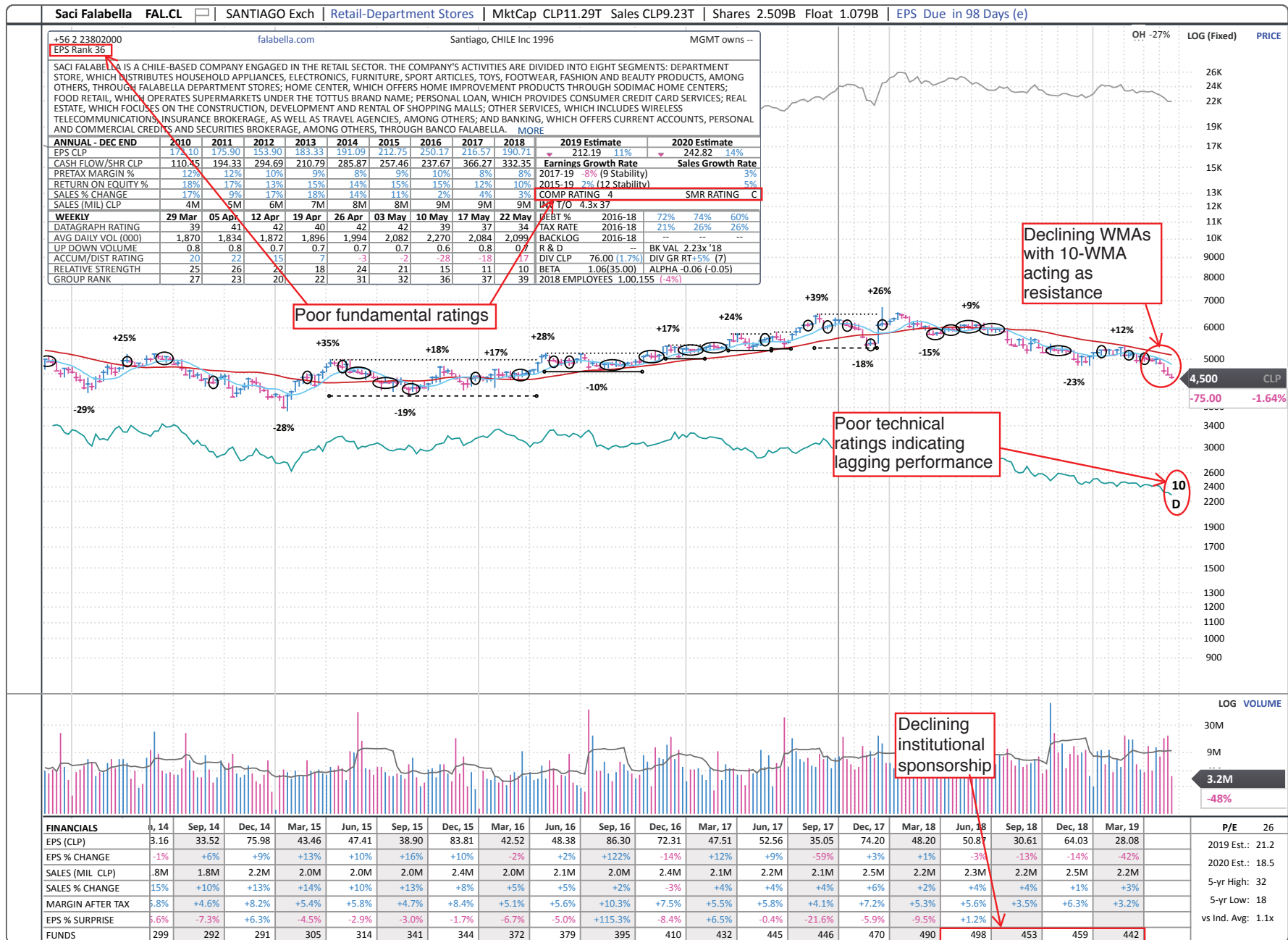
Emerging — Capital Equipment — Highlighted Laggard



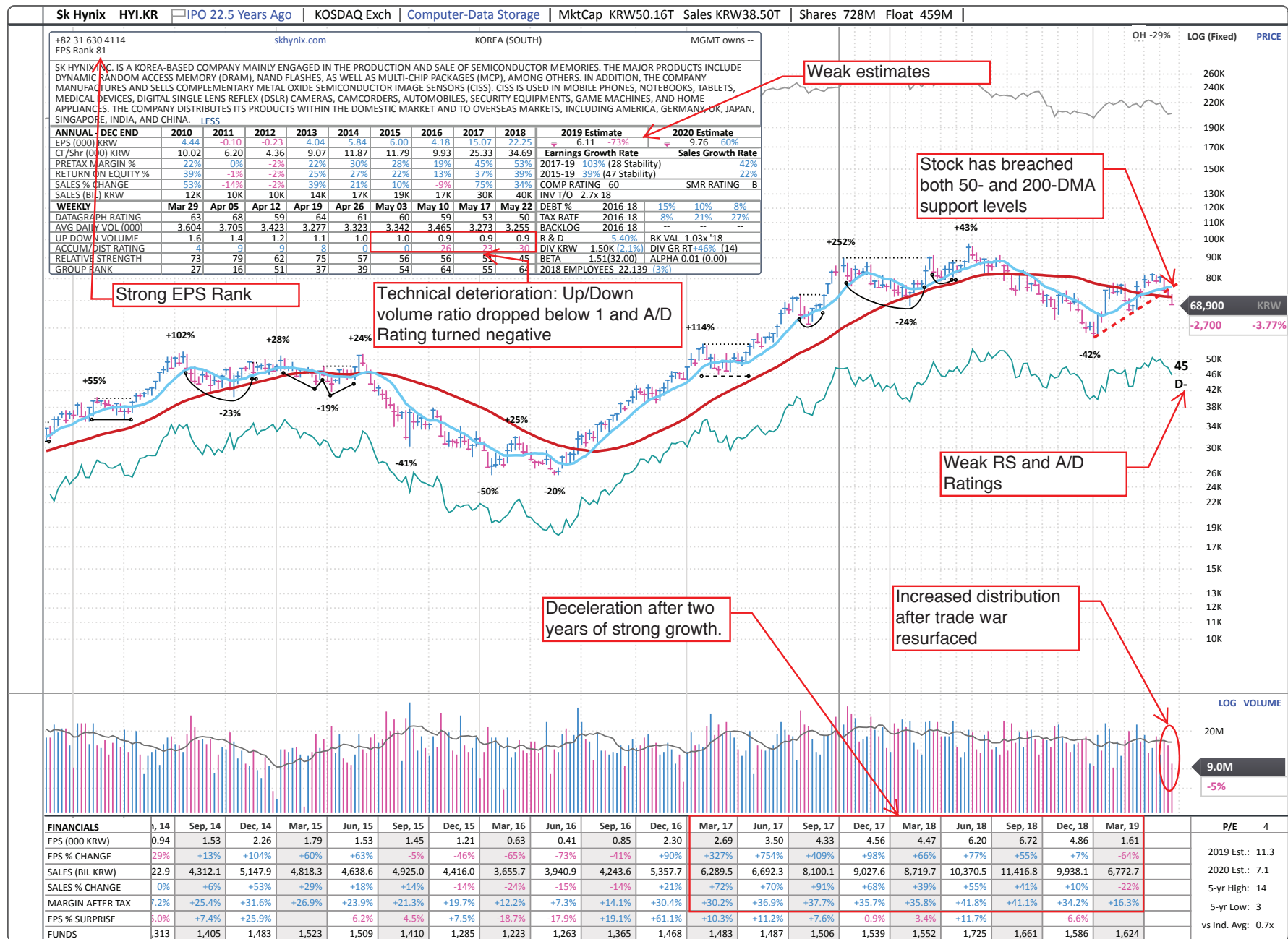
Emerging — Consumer Cyclical — Highlighted Laggard



Emerging—Retail—Highlighted Laggard



Emerging — Technology — Highlighted Laggard



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