

Global Laggards

October 17, 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
LPX	Louisiana Pacific Corp	Basic Material	Bldg-Wood Prds	3,327	51,323	0.047	4	44	81	D+
MOS	Mosaic Company	Basic Material	Chemicals-Agricultural	7,700	103,622	0.036	6	30	12	D+
NTR	Nutrien Ltd	Basic Material	Chemicals-Agricultural	28,426	49,277	0.009	4	49	35	E
SQM	Sociedad Quimica Y Minra	Basic Material	Chemicals-Agricultural	3,418	19,818	0.054	4	37	15	B-
WLK	Westlake Chemical Corp	Basic Material	Chemicals-Basic	7,932	34,607	0.088	5	24	21	C-
DD	DuPont de Nemours Inc	Basic Material	Chemicals-Basic	50,007	246,004	0.01	5	56	22	E
ESI	Element Solutions Inc	Basic Material	Chemicals-Specialty	2,646	20,368	0.068	5	71	37	D
FUL	Fuller H B Co	Basic Material	Chemicals-Specialty	2,449	16,942	0.061	5	57	55	C
GRA	Grace W R & Co	Basic Material	Chemicals-Specialty	4,418	32,572	0.011	7	64	27	D+
CBT	Cabot Corp	Basic Material	Chemicals-Specialty	2,536	13,754	0.012	4	50	28	D
BVN	Buenaventura Comp Ads	Basic Material	Mining-Gold/Silver/Gems	3,690	17,572	0.027	6	19	30	E
AGI	Alamos Gold Inc	Basic Material	Mining-Gold/Silver/Gems	2,014	14,462	0.022	1	51	40	E
CLF	Cleveland-Cliffs Inc	Basic Material	Mining-Metal Ores	1,913	87,436	0.362	5	56	9	C-
TECK	Teck Resources Ltd	Basic Material	Mining-Metal Ores	9,179	45,105	0.021	4	60	11	B+
FCX	Freeport McMoRan Inc	Basic Material	Mining-Metal Ores	13,936	212,311	0.029	5	5	16	B-
TS	Tenaris Sa Adr	Basic Material	Steel-Producers	12,278	56,153	0.038	4	55	14	C
EAF	Grahtech International	Basic Material	Steel-Specialty Alloys	3,337	14,299	0.286	3	26	22	D+
ATI	Allegheny Technologies	Basic Material	Steel-Specialty Alloys	2,591	29,567	0.129	5	13	16	D+
ERJ	Embraer Sa Adr	Capital Equipment	Aerospace/Defense	3,125	13,667	0.021	5	8	18	D-
ROL	Rollins Inc	Capital Equipment	Bldg-Maintenance & Svc	11,677	44,082	0.052	3	74	28	B
ABM	A B M Industries Inc	Capital Equipment	Bldg-Maintenance & Svc	2,465	12,122	0.05	5	62	46	D-
OMC	Omnicom Group	Capital Equipment	Comml Svcs-Advertising	16,508	129,592	0.125	7	71	35	C-
RHI	Robert Half Intl Inc	Capital Equipment	Comml Svcs-Staffing	6,475	54,226	0.099	5	83	26	D
KFY	Korn Ferry	Capital Equipment	Comml Svcs-Staffing	2,041	17,109	0.014	5	79	20	C
SON	Sonoco Products Co	Capital Equipment	Containers/Packaging	5,798	24,444	0.034	6	74	46	C
BERY	Berry Global Group Inc	Capital Equipment	Containers/Packaging	5,166	40,384	0.03	6	75	13	D
SEE	Sealed Air Corp	Capital Equipment	Containers/Packaging	6,371	49,207	0.038	5	80	55	C
JEF	Jefferies Financial Grp	Capital Equipment	Diversified Operations	5,529	58,560	0.029	6	75	23	E
MMM	Three M Company	Capital Equipment	Diversified Operations	94,866	456,926	0.017	3	52	21	C
GE	General Electric Co	Capital Equipment	Diversified Operations	79,155	614,776	0.014	4	34	27	D-
ABB	A B B Ltd	Capital Equipment	Electrical-Power/Equipmt	40,630	33,648	0.002	4	53	37	E
NVT	Nvent Electric Plc	Capital Equipment	Electrical-Power/Equipmt	3,573	29,311	0.024	5	92	20	C-
RBC	Regal Beloit Corp	Capital Equipment	Electrical-Power/Equipmt	3,057	21,582	0.026	6	64	28	E
RXN	Rexnord Corp	Capital Equipment	Machinery-Gen Industrial	2,846	19,623	0.061	5	73	43	C
FTV	Fortive Corporation	Capital Equipment	Machinery-Gen Industrial	23,705	149,713	0.028	5	77	24	C-

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FLS	Flowserve Corp	Capital Equipment	Machinery-Gen Industrial	6,040	45,897	0.041	6	72	32	D-
AIMC	Altra Industrial Motion	Capital Equipment	Machinery-Gen Industrial	1,815	10,498	0.032	5	67	20	C+
PRLB	Proto Labs Inc	Capital Equipment	Machinery-Mtl Hdlg/Autmn	2,772	16,474	0.106	4	63	26	B-
EPAC	Actuant Corp CI A	Capital Equipment	Machinery-Tools & Rel	1,379	10,454	0	5	51	35	D+
KMT	Kennametal Inc	Capital Equipment	Machinery-Tools & Rel	2,463	19,723	0.031	6	56	18	C-
HSC	Harsco Corp	Capital Equipment	Metal Proc & Fabrication	1,519	18,141	0.059	6	52	14	D+
AAXN	Axon Enterprise Inc	Capital Equipment	Security/Sfty	3,103	37,465	0.127	7	52	23	E
TRN	Trinity Industries Inc	Capital Equipment	Transportation-Equip Mfg	2,348	24,018	0.107	3	65	20	C
WAB	Wabtec Corp	Capital Equipment	Transportation-Equip Mfg	13,131	139,967	0.112	5	66	26	C+
GOOS	Canada Goose Hldgs CI A	Consumer Cyclical	Apparel-Clothing Mfg	2,408	45,283	0.21	5	60	21	C
OXM	Oxford Industries Inc	Consumer Cyclical	Apparel-Clothing Mfg	1,199	12,569	0.158	5	54	32	C-
UA	Under Armour Inc CI C	Consumer Cyclical	Apparel-Clothing Mfg	4,218	33,252	0.047	8	58	28	E
GIL	Gildan Activewear Inc	Consumer Cyclical	Apparel-Clothing Mfg	7,220	14,133	0.014	7	57	51	B-
TSLA	Tesla Inc	Consumer Cyclical	Auto Manufacturers	46,836	1,772,430	0.268	3	45	33	B
MTOR	Meritor Inc	Consumer Cyclical	Auto/Truck-Original Eqp	1,612	16,779	0.12	7	98	28	D-
FIX	Comfort Systems U S A	Consumer Cyclical	Bldg-A/C & Heating Prds	1,603	16,744	0.023	4	87	18	B
AOS	Smith A O Corp	Consumer Cyclical	Bldg-A/C & Heating Prds	6,884	68,842	0.056	3	71	65	C+
MHK	Mohawk Industries Inc	Consumer Cyclical	Bldg-Constr Prds/Misc	9,068	84,658	0.064	5	47	26	D+
GCP	G C P Applied Tech Inc	Consumer Cyclical	Bldg-Constr Prds/Misc	1,496	14,073	0.069	5	39	18	B
SNA	Snap On Inc	Consumer Cyclical	Bldg-Hand Tools	8,618	54,979	0.141	4	81	46	D
ENR	Energizer Holdings Inc	Consumer Cyclical	Consumer Prod-Specialty	2,820	37,963	0.193	6	29	26	B
APHA	Aphria Inc	Consumer Cyclical	Consumer Prod-Specialty	1,235	23,481	0.113	6	38	8	D-
CGC	Canopy Growth Corp	Consumer Cyclical	Consumer Prod-Specialty	6,992	103,091	0.122	5	1	3	E
CRON	Cronos Group Inc	Consumer Cyclical	Consumer Prod-Specialty	2,885	35,470	0.129	6	77	7	D
LAUR	Laureate Education CI A	Consumer Cyclical	Consumer Svcs-Education	1,866	25,303	0.063	5	22	46	C-
LOPE	Grand Canyon Education	Consumer Cyclical	Consumer Svcs-Education	4,685	37,593	0.028	6	92	21	E
ATGE	Adtalem Global Education	Consumer Cyclical	Consumer Svcs-Education	2,002	21,385	0.067	5	62	14	D+
MIDD	Middleby Corp	Consumer Cyclical	Hsehold-Appliances/Wares	6,401	41,253	0.05	8	88	26	E
WYNN	Wynn Resorts Ltd	Consumer Cyclical	Leisure-Gaming/Equip	12,296	249,697	0.041	5	30	26	C-
RRR	Red Rock Resorts CI A	Consumer Cyclical	Leisure-Gaming/Equip	1,439	18,259	0.066	6	15	20	D-
H	Hyatt Hotels Corp CI A	Consumer Cyclical	Leisure-Lodging	2,642	41,296	0.092	5	85	33	D-
MAR	Marriott International	Consumer Cyclical	Leisure-Lodging	39,882	217,260	0.022	7	79	35	E
ROKU	Roku Inc CI A	Consumer Cyclical	Leisure-Movies & Related	11,375	2,500,182	0.117	4	8	99	B
IQ	Iqiyi Inc CI A Ads	Consumer Cyclical	Leisure-Movies & Related	5,129	108,034	0.269	5	22	18	C
NFLX	Netflix Inc	Consumer Cyclical	Leisure-Movies & Related	127,252	2,248,758	0.053	7	89	17	C-
CNK	Cinemark Holdings Inc	Consumer Cyclical	Leisure-Movies & Related	4,223	34,273	0.151	4	59	27	D
FOXF	Fox Factory Holding Corp	Consumer Cyclical	Leisure-Products	2,541	15,589	0.057	7	98	30	E

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MSG	Madison Square Garden Co	Consumer Cyclical	Leisure-Services	5,167	63,157	0.05	6	29	30	C
PLNT	Planet Fitness Inc Cl A	Consumer Cyclical	Leisure-Services	5,125	80,166	0.048	7	98	33	D+
CAR	Avis Budget Group Inc	Consumer Cyclical	Leisure-Services	2,241	31,766	0.093	6	66	23	D+
UBER	Uber Technologies Inc	Consumer Cyclical	Leisure-Services	54,868	334,119	0.041	7	2	13	D
NCLH	Norwegian Cruise Lne Hld	Consumer Cyclical	Leisure-Services	10,728	95,019	0.023	4	94	43	C
TRIP	TripAdvisor Inc	Consumer Cyclical	Leisure-Travel Booking	4,940	66,430	0.145	6	60	16	C-
CTRP	Ctrip.com Intl Ltd Adr	Consumer Cyclical	Leisure-Travel Booking	16,984	164,010	0.025	5	77	20	E
SABR	Sabre Corporation	Consumer Cyclical	Leisure-Travel Booking	5,805	36,824	0.018	3	48	32	C
JWA	Wiley John & Sons Cl A	Consumer Cyclical	Media-Books	2,091	12,883	0.045	4	42	28	C-
CBS	C B S Corp Cl B	Consumer Cyclical	Media-Diversified	13,145	188,633	0.045	7	79	12	D-
VIAB	Viacom Inc Cl B	Consumer Cyclical	Media-Diversified	7,922	135,396	0.039	6	42	12	D+
GHC	Graham Holdings Co Cl B	Consumer Cyclical	Media-Diversified	2,800	14,621	0.038	6	50	35	C
SBGI	Sinclair Broadcast Group	Consumer Cyclical	Media-Radio/Tv	2,805	37,074	0.115	6	84	65	D-
DISCA	Discovery Inc Cl A	Consumer Cyclical	Media-Radio/Tv	4,390	102,143	0.308	3	93	28	C
AMCX	Amc Networks Inc	Consumer Cyclical	Media-Radio/Tv	2,132	20,928	0.223	4	91	18	E
ABEV	Ambev SA Adr	Consumer Staple	Beverages-Alcoholic	72,418	105,685	0.004	3	54	43	D+
HLF	Herbalife Nutrition Ltd	Consumer Staple	Cosmetics/Personal Care	5,914	48,815	0.058	4	38	17	C
CL	Colgate Palmolive Co	Consumer Staple	Cosmetics/Personal Care	58,735	210,091	0.015	4	46	51	E
INGR	Ingredion Inc	Consumer Staple	Food-Grain & Related	5,350	39,215	0.049	4	52	26	C
ADM	Archer Daniels Midland	Consumer Staple	Food-Grain & Related	22,117	123,920	0.022	6	25	30	E
CALM	Cal-Maine Foods Inc	Consumer Staple	Food-Meat Products	1,749	16,475	0.161	4	5	33	C
HRL	Hormel Foods Co	Consumer Staple	Food-Meat Products	21,642	104,637	0.142	4	65	43	E
SXT	Sensient Technologies Cp	Consumer Staple	Food-Misc Preparation	2,815	13,651	0.045	4	48	37	C
SJM	J M Smucker Co	Consumer Staple	Food-Packaged	12,324	90,923	0.063	5	62	40	C+
LANC	Lancaster Colony Corp	Consumer Staple	Food-Packaged	3,850	17,101	0.09	4	64	27	D+
THS	Treehouse Foods Inc	Consumer Staple	Food-Packaged	3,021	21,890	0.098	5	34	37	C-
CAG	Conagra Brands Inc	Consumer Staple	Food-Packaged	13,163	124,540	0.061	4	37	37	D-
CLX	Clorox Co	Consumer Staple	Soap & Cng Preparatns	18,742	147,842	0.065	4	80	37	E
ARCH	Arch Coal Inc	Energy	Energy-Coal	1,293	18,590	0.217	5	72	26	D-
CSIQ	Canadian Solar Inc	Energy	Energy-Solar	1,093	14,084	0.068	3	38	46	D
FSLR	First Solar Inc	Energy	Energy-Solar	5,902	71,337	0.126	4	25	46	E
OII	Oceaneering Intl Inc	Energy	Oil&Gas-Field Services	1,400	16,991	0.043	4	20	14	C-
MRO	Marathon Oil Corp	Energy	Oil&Gas-Integrated	9,335	143,371	0.032	6	74	12	D
YPF	Y P F Sociedad Anonima	Energy	Oil&Gas-Integrated	3,595	38,345	0.053	5	5	5	D+
CVE	Cenovus Energy Inc	Energy	Oil&Gas-Integrated	10,631	33,167	0.019	5	77	35	C
PBRA	Petroleo Bras Ptr Adr Pf	Energy	Oil&Gas-Integrated	37,450	74,666	0.001	4	47	35	C
KOS	Kosmos Energy Ltd	Energy	Oil&Gas-Intl Expl&Prod	2,232	22,828	0.055	4	51	28	C

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GTLS	Chart Industries Inc	Energy	Oil&Gas-Machinery/Equip	2,128	23,536	0.09	6	73	18	D
FTI	TechnipFmc plc	Energy	Oil&Gas-Machinery/Equip	10,336	92,482	0.021	5	35	30	C
UGI	U G I Corp Hldg Co	Energy	Oil&Gas-Refining/Mktg	8,361	98,858	0.021	4	76	27	D
DK	Delek U S Holdings Inc	Energy	Oil&Gas-Refining/Mktg	2,801	44,110	0.077	6	73	43	C
MGY	Magnolia O&G Corp Cl A	Energy	Oil&Gas-U S Expl&Prod	1,743	14,289	0.144	5	6	20	D
NBL	Noble Energy Inc	Energy	Oil&Gas-U S Expl&Prod	9,675	116,390	0.066	6	5	21	D
WPX	W P X Energy Inc	Energy	Oil&Gas-U S Expl&Prod	4,180	85,367	0.076	4	75	15	C-
EOG	E O G Resources Inc	Energy	Oil&Gas-U S Expl&Prod	39,363	282,442	0.019	6	25	11	D-
DVN	Devon Energy Corp	Energy	Oil&Gas-U S Expl&Prod	8,327	147,001	0.052	5	77	11	C-
COG	Cabot Oil & Gas Corp	Energy	Oil&Gas-U S Expl&Prod	7,508	134,041	0.06	5	77	12	D-
PE	Parsley Energy Inc Cl A	Energy	Oil&Gas-U S Expl&Prod	4,582	90,807	0.032	5	64	20	C+
FANG	Diamondback Energy Inc	Energy	Oil&Gas-U S Expl&Prod	13,771	155,831	0.042	4	77	14	C-
BAP	Credicorp Ltd	Financial	Banks-Foreign	16,795	69,062	0.007	6	80	27	D-
TCF	T C F Financial Corp	Financial	Banks-Midwest	2,631	34,591	0.021	4	87	21	C
BK	Bank Of New York Mellon	Financial	Banks-Money Center	42,373	226,248	0.012	4	66	33	D
EGBN	Eagle Bancorp Inc	Financial	Banks-Northeast	1,516	10,860	0.044	3	76	17	C+
CMA	Comerica Inc	Financial	Banks-Super Regional	9,764	115,537	0.028	5	78	23	B-
SIVB	S V B Financial Group	Financial	Banks-Super Regional	10,577	109,900	0.025	4	98	23	C-
UMPQ	Umpqua Holdings Corp	Financial	Banks-West/Southwest	3,437	17,196	0.014	3	68	28	B-
EWBC	East West Bancorp Inc	Financial	Banks-West/Southwest	6,132	42,279	0.01	4	81	26	C-
CIT	C I T Group Inc	Financial	Finance-Commercial Loans	4,231	35,958	0.042	4	99	28	D+
WRLD	World Acceptance Corp	Financial	Finance-Consumer Loans	1,132	17,163	0.186	4	46	32	E
LX	Lexinfintech Hldgs Cl A	Financial	Finance-Consumer Loans	1,274	11,167	0.014	4	41	32	D+
ADS	Alliance Data Sys Corp	Financial	Finance-CrdtCard/PmtPr	6,347	130,677	0.035	5	66	12	D-
IBKR	Interactive Brokers Grp	Financial	Finance-Invest Bnk/Bkrs	3,604	22,764	0	4	64	26	E
BEN	Franklin Resources Inc	Financial	Finance-Investment Mgmt	13,785	85,957	0.069	6	35	18	D+
AMG	Affiliated Managers Grp	Financial	Finance-Investment Mgmt	3,833	38,017	0.035	5	50	13	D+
IIPR	Innovative Ind Prop	Financial	Finance-Property REIT	884	34,565	0.286	3	80	81	E
ESRT	Empire State Rlt Tr Cl A	Financial	Finance-Property REIT	2,504	17,359	0.032	4	33	30	D-
JBG	JBG Smith Properties	Financial	Finance-Property REIT	5,201	20,100	0.017	6	27	55	C
AEL	Amer Equity Invstmt Life	Financial	Insurance-Life	2,168	10,784	0.015	4	87	18	D
PINC	Premier Inc Cl A	Health Care	Comml Svcs-Healthcare	2,044	28,014	0.14	8	79	18	C+
REGN	Regeneron Pharmaceutical	Health Care	Medical-Biomed/Biotech	32,555	207,963	0.031	6	83	23	B+
CRSP	Crispr Therapeutics AG	Health Care	Medical-Biomed/Biotech	2,079	16,640	0.165	6	10	30	E
ANAB	Anaptysbio Inc	Health Care	Medical-Biomed/Biotech	1,003	13,492	0.175	5	9	5	E
HALO	Halozyne Therapeutics	Health Care	Medical-Biomed/Biotech	2,315	11,970	0.07	4	57	33	C
BLUE	Bluebird Bio Inc	Health Care	Medical-Biomed/Biotech	5,080	60,927	0.178	5	12	10	D-

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ESPR	Esperion Therapeutics	Health Care	Medical-Biomed/Biotech	1,053	15,975	0.234	5	32	26	B+
EDIT	Editas Medicine Inc	Health Care	Medical-Biomed/Biotech	1,008	12,477	0.17	5	35	16	D+
SUPN	Supernus Pharmaceuticals	Health Care	Medical-Biomed/Biotech	1,401	15,454	0.114	6	79	12	B+
AMRN	Amarin Corp Plc Adr	Health Care	Medical-Biomed/Biotech	5,785	109,973	0.149	5	61	20	D-
QURE	Uniqure N.V.	Health Care	Medical-Biomed/Biotech	1,908	24,883	0.11	7	10	43	E
BIIB	Biogen Inc	Health Care	Medical-Biomed/Biotech	41,781	345,041	0.019	5	96	23	C-
ZGNX	Zogenix Inc	Health Care	Medical-Biomed/Biotech	1,863	21,424	0.212	4	21	55	B-
GWPH	G W Pharmaceuticals Adr	Health Care	Medical-Biomed/Biotech	3,615	79,275	0.151	6	62	17	B-
SRPT	Sarepta Therapeutics Inc	Health Care	Medical-Biomed/Biotech	6,512	169,169	0.21	7	1	8	D
HRTX	Heron Therapeutics Inc	Health Care	Medical-Biomed/Biotech	1,635	18,464	0.243	4	18	15	C-
IMMU	Immunomedics Inc	Health Care	Medical-Biomed/Biotech	2,983	36,598	0.18	4	19	27	C
ALLO	Allogene Therapeutics	Health Care	Medical-Biomed/Biotech	3,340	10,493	0.182	7	2	40	D-
IRWD	Ironwood Pharma Cl A	Health Care	Medical-Biomed/Biotech	1,410	18,963	0.183	6	70	15	B-
BOLD	Audentes Therapeutics	Health Care	Medical-Biomed/Biotech	1,243	12,256	0.052	6	10	22	C
EXEL	Exelixis Inc	Health Care	Medical-Biomed/Biotech	5,166	44,145	0.057	6	19	18	D+
EXAS	Exact Sciences Corp	Health Care	Medical-Biomed/Biotech	12,677	162,490	0.102	6	16	83	C
BPMC	Blueprint Medicines Corp	Health Care	Medical-Biomed/Biotech	3,689	30,942	0.086	6	3	32	E
ARGX	Argenx SE Ads	Health Care	Medical-Biomed/Biotech	4,474	17,947	0.031	7	23	65	D+
FOLD	Amicus Therapeutics Inc	Health Care	Medical-Biomed/Biotech	2,068	34,531	0.127	6	9	8	C-
GBT	Global Blood Therapeutic	Health Care	Medical-Biomed/Biotech	2,989	39,320	0.131	7	16	51	C+
INVA	Innoviva Inc	Health Care	Medical-Biomed/Biotech	1,115	6,313	0.176	5	64	12	D
AGIO	Agios Pharmaceuticals	Health Care	Medical-Biomed/Biotech	2,007	19,037	0.272	4	14	7	B-
INSM	Insmed Inc	Health Care	Medical-Biomed/Biotech	1,571	19,397	0.203	6	24	17	C
IONS	Ionis Pharmaceuticals	Health Care	Medical-Biomed/Biotech	7,901	57,637	0.084	5	78	35	D
PCRX	Pacira Biosciences Inc	Health Care	Medical-Biomed/Biotech	1,623	33,620	0.09	6	76	40	B
VRTX	Vertex Pharmaceuticals	Health Care	Medical-Biomed/Biotech	46,056	188,610	0.017	4	99	46	D
ARNA	Arena Pharmaceuticals	Health Care	Medical-Biomed/Biotech	2,489	22,964	0.066	6	23	55	D
FGEN	Fibrogen Inc	Health Care	Medical-Biomed/Biotech	3,532	23,882	0.061	5	45	20	D
ASND	Ascendis Pharma A/S Ads	Health Care	Medical-Biomed/Biotech	4,748	20,691	0.177	4	7	87	C-
INCY	Incyte Corporation	Health Care	Medical-Biomed/Biotech	16,844	88,369	0.028	6	97	69	D-
RGNX	Regenxbio Inc	Health Care	Medical-Biomed/Biotech	1,453	22,028	0.169	6	5	14	C+
BGNE	Beigene Ltd Ads	Health Care	Medical-Biomed/Biotech	7,739	42,397	0.066	5	26	55	E
ALXN	Alexion Pharmaceuticals	Health Care	Medical-Biomed/Biotech	22,553	239,769	0.015	5	93	18	D
FATE	Fate Therapeutics Inc	Health Care	Medical-Biomed/Biotech	1,090	11,927	0.142	7	21	18	D+
BMRN	Biomarin Pharmaceutical	Health Care	Medical-Biomed/Biotech	12,437	85,448	0.047	5	33	14	E
RARE	Ultragenyx Pharma	Health Care	Medical-Biomed/Biotech	2,532	25,795	0.107	7	6	12	D-
SAGE	Sage Therapeutics Inc	Health Care	Medical-Biomed/Biotech	7,336	52,916	0.121	6	1	30	D-

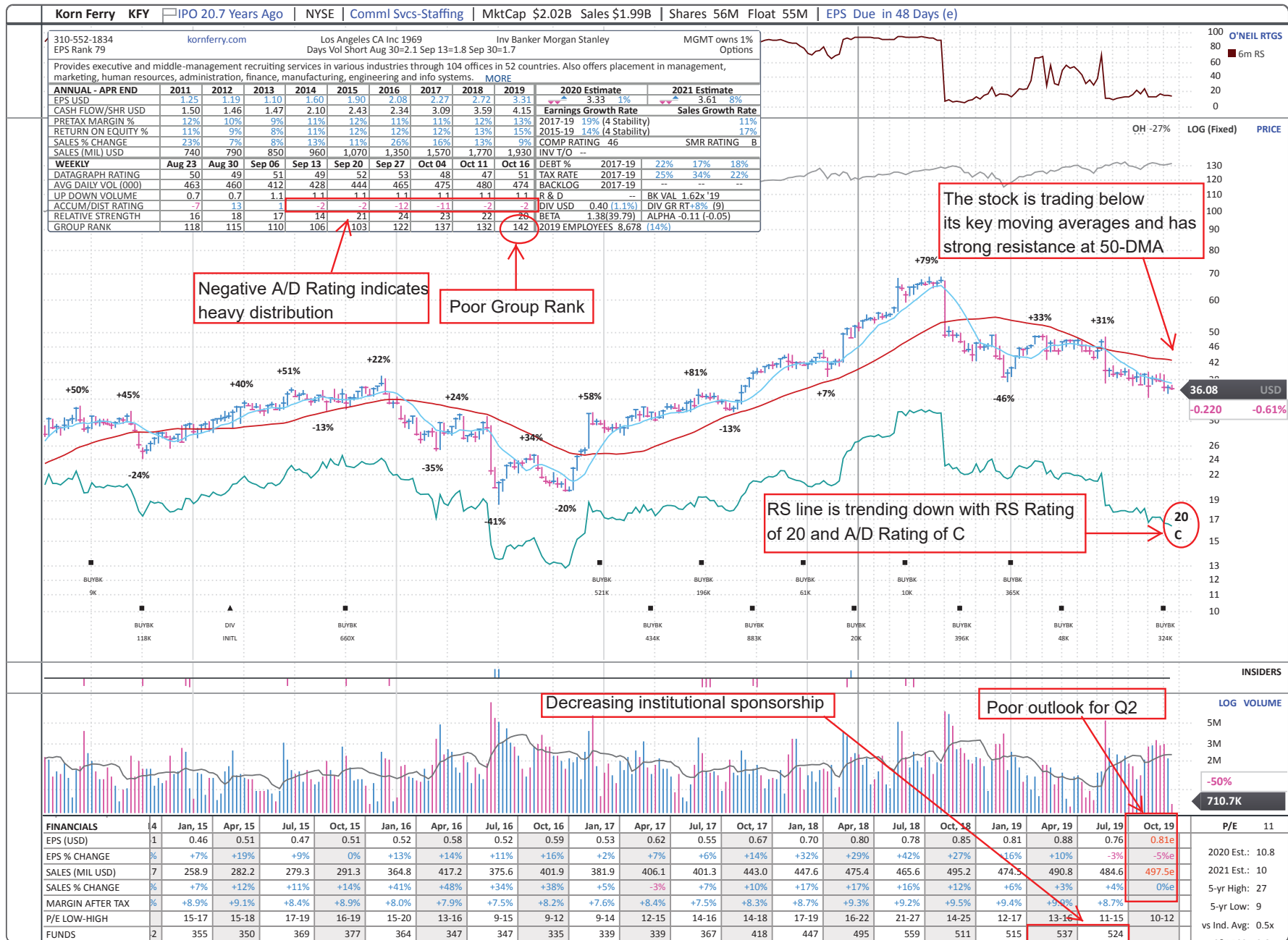
Symbol	Name	Sector Name	Industry Group Name	Market Value, USD (Mil)	Avg Daily Dollar Vol (000), USD	Short Interest, % of Float	Negative Alert Score, 10 Wks	EPS Rank	RS Rating	A/D Rating
ENTA	Enanta Pharmaceuticals	Health Care	Medical-Biomed/Biotech	1,194	12,536	0.15	4	9	12	B-
XLRN	Acceleron Pharma Inc	Health Care	Medical-Biomed/Biotech	2,239	11,310	0.092	5	27	37	B-
UTHR	United Therapeutics Corp	Health Care	Medical-Biomed/Biotech	3,591	36,988	0.059	4	56	22	B-
PTCT	P T C Therapeutics Inc	Health Care	Medical-Biomed/Biotech	2,237	23,876	0.088	6	1	32	D
MRTX	Mirati Therapeutics Inc	Health Care	Medical-Biomed/Biotech	3,334	43,242	0.143	4	5	92	C-
LLY	Eli Lilly & Co	Health Care	Medical-Diversified	105,242	342,579	0.013	3	71	37	D+
JNJ	Johnson & Johnson	Health Care	Medical-Diversified	362,711	987,511	0.006	4	79	55	B
TAK	Takeda Pharma Co Ltd Ads	Health Care	Medical-Ethical Drugs	55,636	24,353	0.001	4	73	46	D+
GRFS	Grifols Sa CI B Ads	Health Care	Medical-Ethical Drugs	5,372	27,728	0.011	6	51	55	B-
PFE	Pfizer Inc	Health Care	Medical-Ethical Drugs	203,377	773,497	0.009	6	74	22	D
BHC	Bausch Health Companies	Health Care	Medical-Ethical Drugs	7,998	73,926	0.028	4	59	37	B+
MYL	Mylan N V	Health Care	Medical-Generic Drugs	9,784	101,405	0.046	6	50	17	C-
HCA	H C A Healthcare Inc	Health Care	Medical-Hospitals	41,798	177,834	0.011	4	93	32	C-
ENSG	Ensign Group Inc	Health Care	Medical-Long-term Care	2,180	12,971	0.016	4	92	28	D-
CI	Cigna Corp	Health Care	Medical-Managed Care	61,671	335,615	0.014	5	79	27	C-
ANTM	Anthem Inc	Health Care	Medical-Managed Care	63,330	371,426	0.022	7	85	26	D-
CNC	Centene Corp	Health Care	Medical-Managed Care	19,245	209,798	0.086	4	99	18	D+
WCG	Wellcare Health Plans	Health Care	Medical-Managed Care	13,688	125,332	0.063	5	97	40	B-
UNH	Unitedhealth Group Inc	Health Care	Medical-Managed Care	227,011	1,017,635	0.009	6	94	32	C
MOH	Molina Healthcare Inc	Health Care	Medical-Managed Care	7,553	67,885	0.018	6	86	24	D
MGLN	Magellan Health Inc	Health Care	Medical-Managed Care	1,512	11,022	0.028	4	24	30	B-
HUM	Humana Inc	Health Care	Medical-Managed Care	37,778	274,351	0.017	5	98	43	C
FMS	Fresenius Medical Ads	Health Care	Medical-Outpnt/Hm Care	20,659	5,666	0.001	2	48	24	C+
LHCG	L H C Group Inc	Health Care	Medical-Outpnt/Hm Care	3,609	24,432	0.063	1	98	78	C
LIVN	Livanova Plc	Health Care	Medical-Products	1,928	26,140	0.072	5	61	28	E
QGEN	Qiagen Nv	Health Care	Medical-Products	6,402	38,289	0.016	7	62	12	C+
WMGI	Wright Medical Group Nv	Health Care	Medical-Products	2,616	60,453	0.141	5	77	12	B-
GKOS	Glaukos Corporation	Health Care	Medical-Products	2,381	35,770	0.199	7	25	32	C
COO	Cooper Companies Inc	Health Care	Medical-Products	14,510	96,584	0.018	3	80	51	D-
TNDM	Tandem Diabetes Care Inc	Health Care	Medical-Products	3,550	76,227	0.093	1	60	89	C+
CDNA	Caredx Inc	Health Care	Medical-Products	1,116	21,754	0.077	6	66	37	B-
MMSI	Merit Medical Systems	Health Care	Medical-Products	1,654	25,715	0.072	4	87	4	C+
ALGN	Align Technology Inc	Health Care	Medical-Products	17,035	250,826	0.054	4	77	15	B-
BSX	Boston Scientific Corp	Health Care	Medical-Products	53,379	243,153	0.01	3	77	46	D-
ALC	Alcon Inc	Health Care	Medical-Products	28,711	61,587	0.022	5	20	43	C+
ATRI	Atrion Corporation	Health Care	Medical-Products	1,469	16,906	0.083	6	79	60	C-
ICUI	I C U Medical Inc	Health Care	Medical-Products	3,198	43,971	0.04	5	81	7	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
PEN	Penumbra Inc	Health Care	Medical-Products	5,083	87,480	0.203	5	77	43	B-
INSP	Inspire Medical Systems	Health Care	Medical-Products	1,324	14,919	0.085	5	16	51	D-
PRAH	P R A Health Sciences	Health Care	Medical-Research Eqp/Svc	6,434	49,382	0.029	2	98	43	C+
PKI	Perkinelmer Inc	Health Care	Medical-Research Eqp/Svc	9,238	54,471	0.047	6	81	27	C-
MYGN	Myriad Genetics	Health Care	Medical-Research Eqp/Svc	2,242	38,196	0.171	4	52	51	D+
GH	Guardant Health Inc	Health Care	Medical-Services	6,227	93,050	0.053	5	20	83	D+
BEAT	BioTelemetry Inc	Health Care	Medical-Services	1,400	10,668	0.071	5	92	13	C+
NVTA	Invitae Corporation	Health Care	Medical-Services	1,737	40,258	0.175	4	22	46	D-
NEO	NeoGenomics Inc	Health Care	Medical-Services	2,134	16,314	0.062	3	98	83	E
IRTC	Irhythm Technologies Inc	Health Care	Medical-Services	1,886	20,677	0.217	6	37	24	D
ELAN	Elanco Animal Health Inc	Health Care	Medical-Supplies	10,084	123,501	0.04	7	71	20	D+
HSIC	Henry Schein Inc	Health Care	Medical-Supplies	9,422	71,255	0.133	6	86	35	D
WAT	Waters Corp	Health Care	Medical-Systems/Equip	14,374	115,381	0.086	2	79	60	C-
OMCL	Omniceil Inc	Health Care	Medical-Systems/Equip	3,159	17,345	0.064	4	95	80	C+
CMD	Cantel Medical Corp	Health Care	Medical-Systems/Equip	2,950	19,858	0.112	5	73	27	E
VAR	Varian Medical Systems	Health Care	Medical-Systems/Equip	10,421	80,212	0.021	7	64	27	C-
AEO	American Eagle Outfitters	Retail	Retail-Apparel/Shoes/Acc	2,599	70,937	0.114	6	86	13	C-
OLLI	Ollie's Bargain Outlet	Retail	Retail-Discount&Variety	3,950	96,600	0.143	6	87	11	C
BJ	B J S Whsl Club Hldgs	Retail	Retail-Discount&Variety	3,392	46,093	0.087	4	97	43	D
W	Wayfair Inc Cl A	Retail	Retail-Internet	7,358	217,850	0.247	7	6	20	D
CAKE	Cheesecake Factory Inc	Retail	Retail-Restaurants	1,706	30,417	0.197	4	79	20	D-
BLMN	Bloomin' Brands Inc	Retail	Retail-Restaurants	1,563	28,190	0.097	3	60	40	C
PLAY	Dave & Buster's Entmnt	Retail	Retail-Restaurants	1,208	40,901	0.238	3	88	18	D-
CBRL	Cracker Barrel Old Cnt St	Retail	Retail-Restaurants	3,724	60,259	0.14	3	73	33	C+
EAT	Brinker International	Retail	Retail-Restaurants	1,514	45,159	0.321	4	84	30	C-
TXRH	Texas Roadhouse Inc	Retail	Retail-Restaurants	3,366	39,747	0.072	5	72	18	D
WING	Wingstop Inc	Retail	Retail-Restaurants	2,676	37,700	0.123	2	66	87	D-
EYE	National Vision Holdings	Retail	Retail-Specialty	1,908	29,427	0.116	5	75	12	D-
ULTA	Ulta Beauty Inc	Retail	Retail-Specialty	14,543	481,631	0.06	7	96	13	C-
YEXT	Yext Inc	Technology	Comp Sftwr-Spec Enterprs	1,740	12,643	0.08	4	23	17	D-
WK	Workiva Inc Cl A	Technology	Computer Sftwr-Database	1,525	21,377	0.064	8	77	28	D-
MDB	Mongodb Inc Cl A	Technology	Computer Sftwr-Database	5,722	190,817	0.17	5	45	89	E
NTCT	Netscout Systems Inc	Technology	Computer Sftwr-Database	1,657	11,348	0.093	5	84	18	D+
VRNS	Varonis Systems Inc	Technology	Computer Sftwr-Database	1,955	17,401	0.086	5	4	69	D
ADSK	Autodesk Inc	Technology	Computer Sftwr-Design	32,088	342,036	0.029	5	78	32	D-
PTC	P T C Inc	Technology	Computer Sftwr-Design	7,495	63,099	0.047	5	19	10	C-
SPOT	Spotify Technology S A	Technology	Computer Sftwr-Edu/Media	21,194	144,243	0.062	6	50	17	D

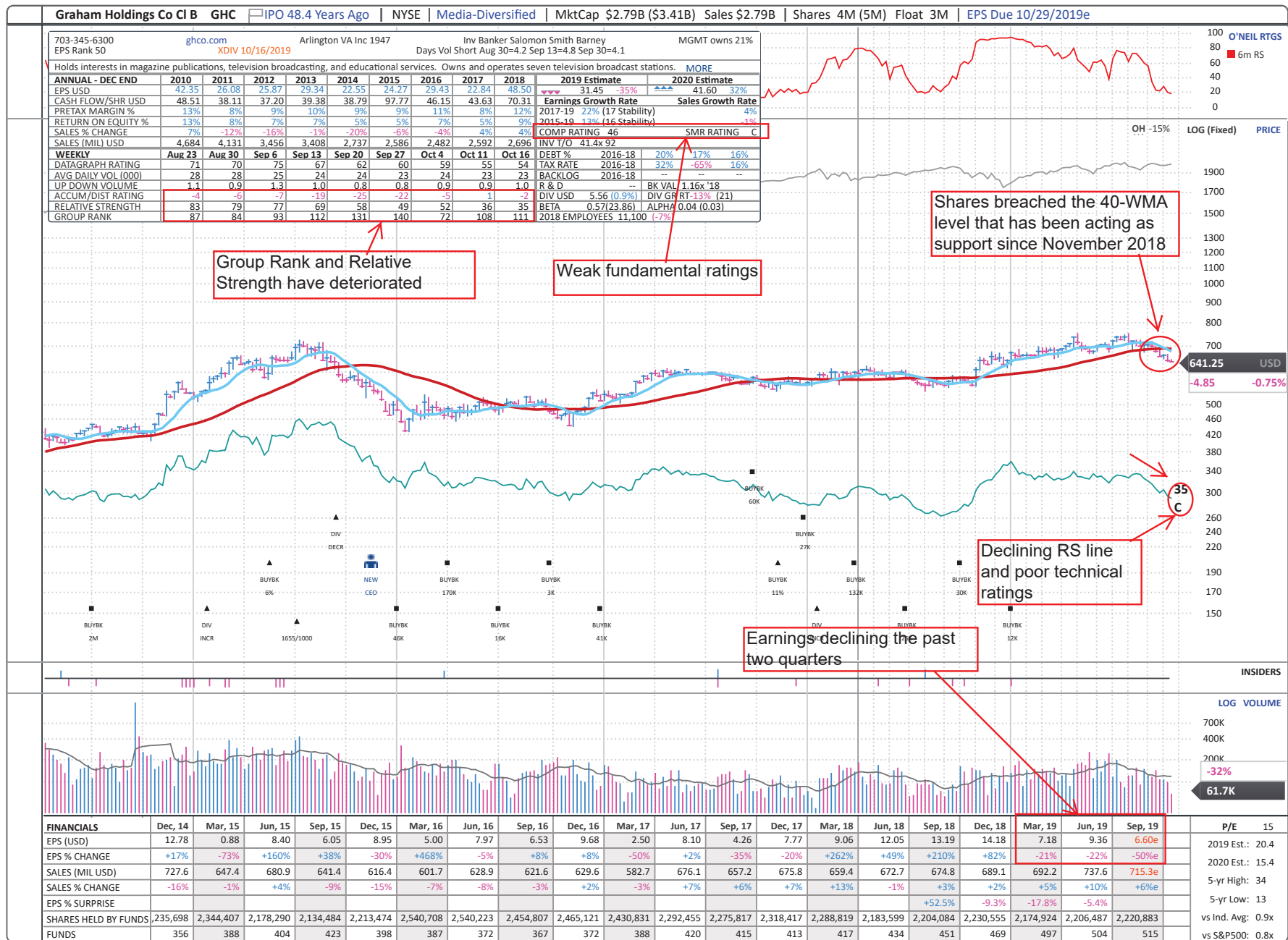
Symbol	Name	Sector Name	Industry Group Name	Market Value, USD (Mil)	Avg Daily Dollar Vol (000), USD	Short Interest, % of Float	Negative Alert Score, 10 Wks	EPS Rank	RS Rating	A/D Rating
SMAR	Smartsheet Inc Cl A	Technology	Computer Sftwr-Enterprse	3,495	99,533	0.084	5	21	78	E
BB	BlackBerry Limited	Technology	Computer Sftwr-Enterprse	2,778	29,412	0.05	6	8	8	E
TWLO	Twilio Inc Cl A	Technology	Computer Sftwr-Enterprse	13,248	405,623	0.151	5	44	51	C-
GDDY	Godaddy Inc Cl A	Technology	Computer Sftwr-Enterprse	11,397	108,726	0.034	4	27	24	C
BAND	Bandwidth Inc Cl A	Technology	Computer Sftwr-Enterprse	1,034	15,417	0.069	4	5	37	E
EGHT	8X8 Inc	Technology	Computer Sftwr-Enterprse	1,924	20,867	0.189	5	2	24	E
BCOR	Blucora Inc	Technology	Computer Sftwr-Financial	1,023	10,121	0.018	5	80	9	C
SAIL	Sailpoint Tech Holdings	Technology	Computer Sftwr-Security	1,670	23,144	0.092	7	5	14	D
ZS	Zscaler Inc	Technology	Computer Sftwr-Security	5,796	162,117	0.192	8	77	18	D
VRNT	Verint Systems Inc	Technology	Computer Sftwr-Security	2,897	25,621	0.052	8	70	20	D+
CHKP	Check Point Software Tech	Technology	Computer Sftwr-Security	16,415	96,633	0.108	6	70	33	C-
MIME	Mimecast Limited	Technology	Computer Sftwr-Security	2,404	22,733	0.014	7	77	32	D
VRSN	Verisign Inc	Technology	Computer Sftwr-Security	21,985	107,367	0.014	5	94	60	E
NTAP	Netapp Inc	Technology	Computer-Data Storage	12,800	142,055	0.061	5	57	17	C-
HPQ	H P Inc	Technology	Computer-Hardware/Perip	25,074	223,226	0.013	6	54	16	D-
XRX	Xerox Holdings Corp	Technology	Computer-Hardware/Perip	6,532	54,229	0.041	7	81	43	D-
DELL	Dell Technologies Cl C	Technology	Computer-Hardware/Perip	19,027	131,288	0.008	7	68	33	C
CSCO	Cisco Systems Inc	Technology	Computer-Networking	199,083	969,461	0.009	8	88	28	E
JNPR	Juniper Networks Inc	Technology	Computer-Networking	8,224	68,086	0.04	6	42	21	C+
HPE	Hewlett Packard Ent Co	Technology	Computer-Tech Services	19,930	145,481	0.036	4	68	51	D+
CTSH	Cognizant Tech Sol Cl A	Technology	Computer-Tech Services	33,828	185,932	0.02	4	65	27	D-
RAMP	Liveramp Holdings Inc	Technology	Computer-Tech Services	2,636	22,066	0.065	7	2	18	E
REZI	Resideo Technologies Inc	Technology	Elec-Misc Products	1,833	16,108	0.076	5	52	10	C-
GLW	Corning Inc	Technology	Elec-Misc Products	23,106	160,403	0.034	6	88	28	C
CREE	Cree Inc	Technology	Elec-Semiconductor Mfg	5,029	87,647	0.088	6	34	28	D
APH	Amphenol Corp Cl A	Technology	Electronic-Parts	29,433	127,999	0.01	7	78	78	B
WCC	Wesco International Inc	Technology	Electronic-Parts	2,017	18,003	0.023	5	61	27	D-
IIVI	Ii-Vi Incorporated	Technology	Electronic-Parts	2,089	43,588	0.168	7	99	21	E
ZG	Zillow Group Inc Cl A	Technology	Internet-Content	1,882	28,365	0.077	6	5	14	D
Z	Zillow Group Inc Cl C	Technology	Internet-Content	4,481	102,919	0.196	6	5	14	C-
YNDX	Yandex N V Class A	Technology	Internet-Content	8,672	81,806	0.004	5	73	20	D
CARG	Cargurus Inc Cl A	Technology	Internet-Content	3,530	29,518	0.131	6	99	20	D-
YELP	Yelp Inc	Technology	Internet-Content	2,387	48,180	0.14	5	95	28	C
BILI	Bilibili Inc Cl Z Ads	Technology	Internet-Content	4,732	39,832	0.053	5	2	35	C+
WUBA	58.com Inc Cl A Ads	Technology	Internet-Content	6,590	42,611	0.029	5	72	20	C-
USM	U S Cellular Corp	Technology	Telecom Svcs-Wireless	1,950	10,851	0.071	7	34	12	C
TDS	Telephone & Data Sys Inc	Technology	Telecom Svcs-Wireless	2,732	18,031	0.022	6	67	14	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
VG	Vonage Holdings Corp	Technology	Telecom Svcs-Wireless	2,547	24,910	0.067	6	49	33	D-
CIEN	Ciena Corporation	Technology	Telecom-Fiber Optics	5,856	104,160	0.059	3	96	40	E
NOK	Nokia Corp Ads	Technology	Telecom-Infrastructure	29,240	92,450	0.008	5	46	32	D-
DY	Dycom Inds Inc	Technology	Telecom-Infrastructure	1,544	18,906	0.082	5	57	21	D
FDX	Fedex Corp	Transportation	Transport-Air Freight	39,618	409,491	0.029	7	65	20	B-
DAL	Delta Air Lines Inc	Transportation	Transportation-Airline	34,614	340,416	0.03	5	91	33	E
JBLU	Jetblue Airways Corp	Transportation	Transportation-Airline	5,037	77,134	0.078	2	77	35	D-
SAVE	Spirit Airlines Inc	Transportation	Transportation-Airline	2,516	38,649	0.059	3	88	9	C+
AAL	American Airlines Group	Transportation	Transportation-Airline	12,566	208,616	0.061	4	39	20	B-
CHRW	C H Robinson Worldwide	Transportation	Transportation-Logistics	11,702	104,387	0.161	4	89	51	C+
EXPD	Expeditors Intl Wash Inc	Transportation	Transportation-Logistics	12,765	66,777	0.03	7	82	65	B
NSC	Norfolk Southern Corp	Transportation	Transportation-Rail	48,372	280,172	0.013	6	83	51	B-
UNP	Union Pacific Corp	Transportation	Transportation-Rail	116,388	540,736	0.007	6	80	60	C+
CSX	CSX Corp	Transportation	Transportation-Rail	56,311	328,723	0.013	5	77	40	C-
EXC	Exelon Corp	Utility	Utility-Diversified	42,468	238,809	0.014	4	47	37	D
NFG	National Fuel Gas Co	Utility	Utility-Gas Distribution	3,832	28,289	0.073	4	46	18	C

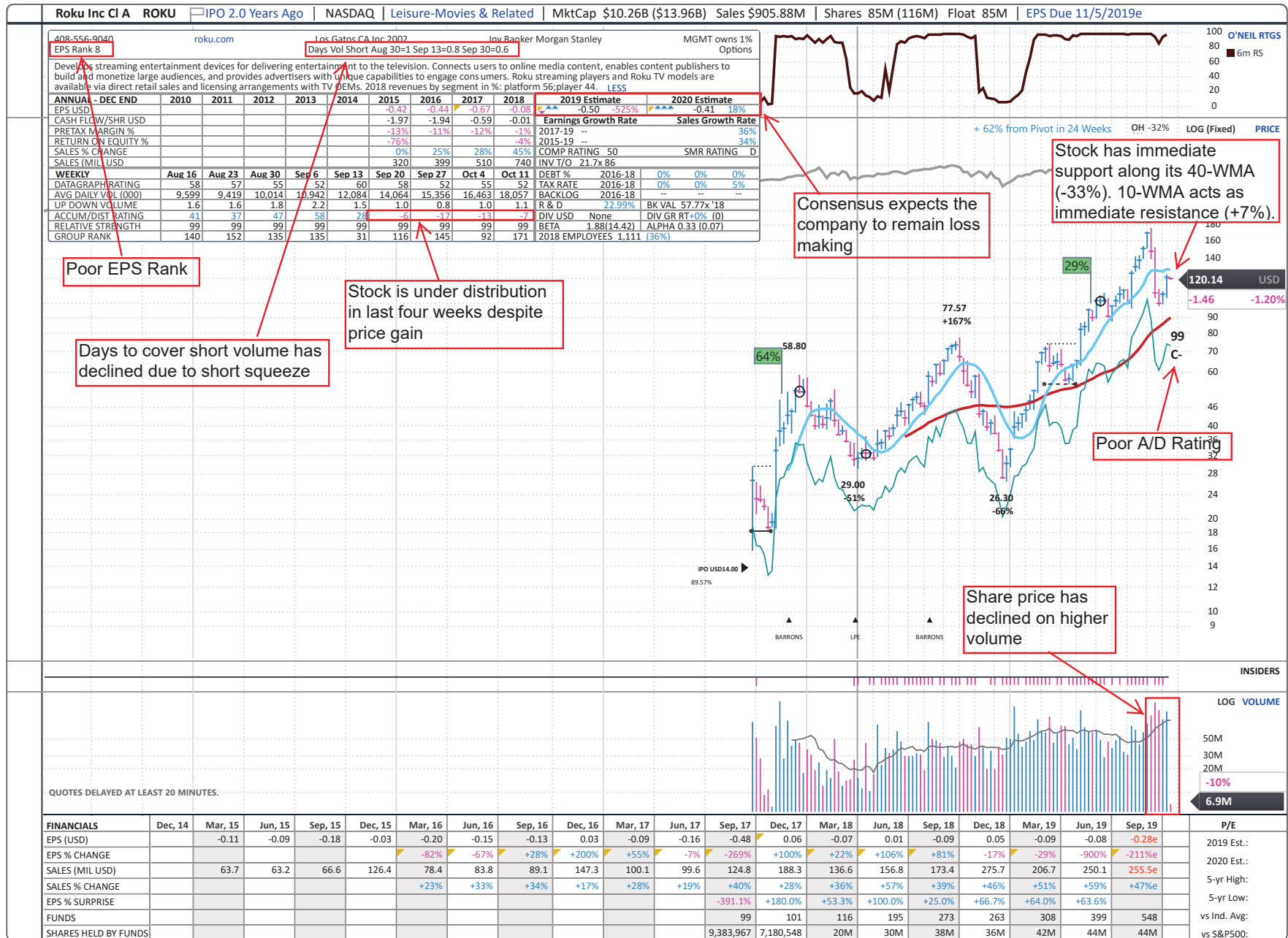
U.S.—Capital Equipment—Highlighted Laggard



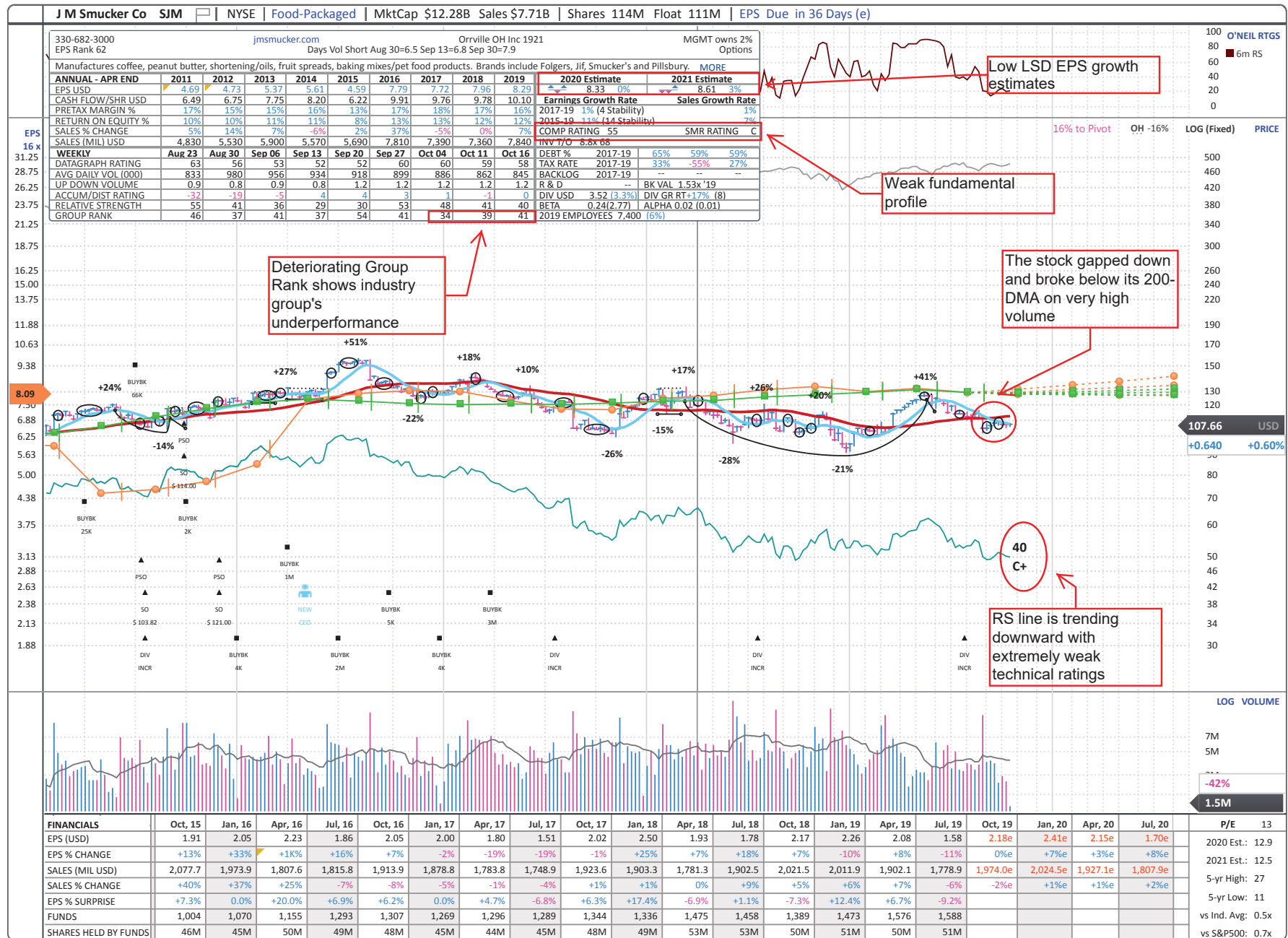
U.S. — Consumer Cyclical — Highlighted Laggard



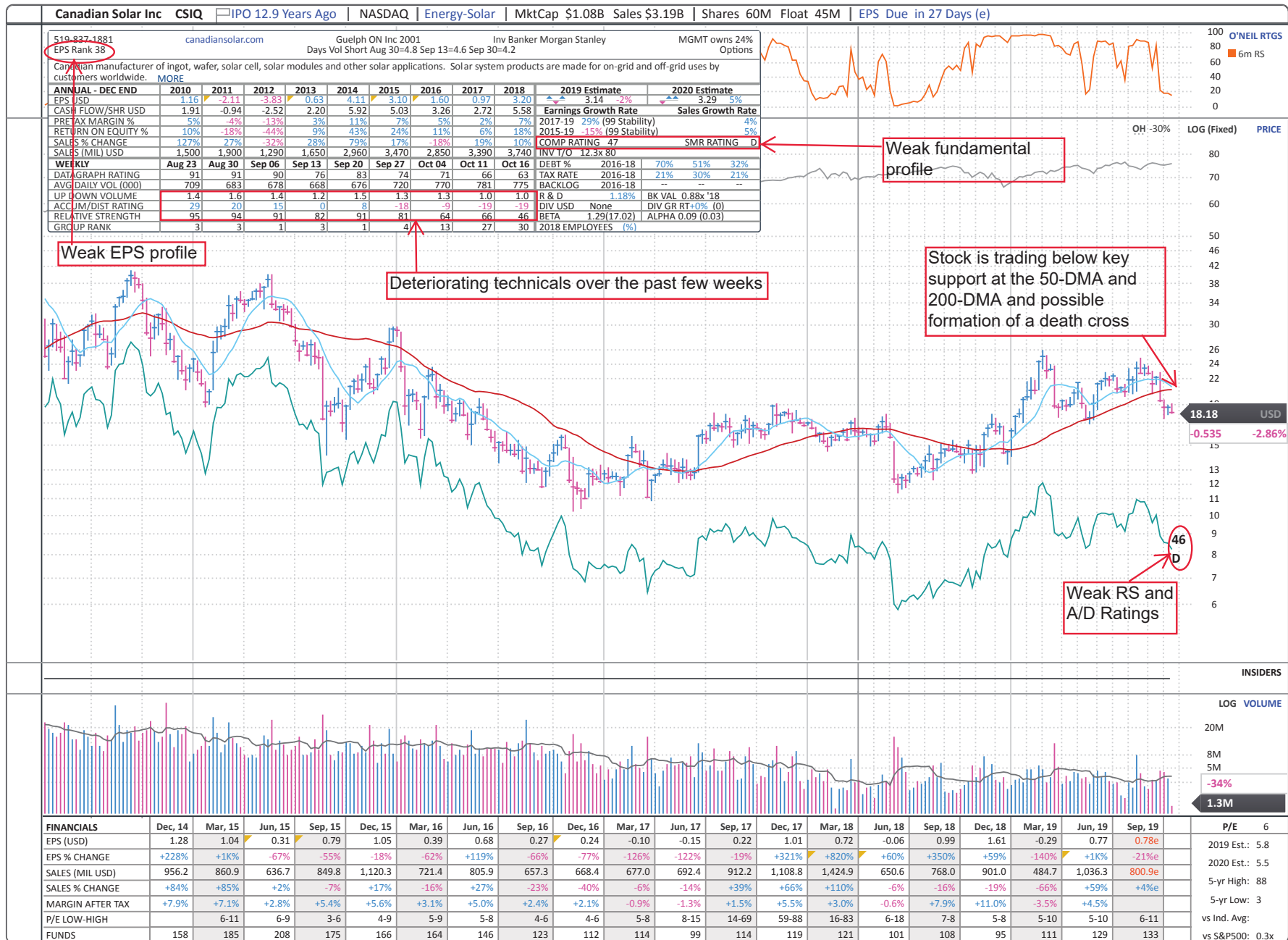
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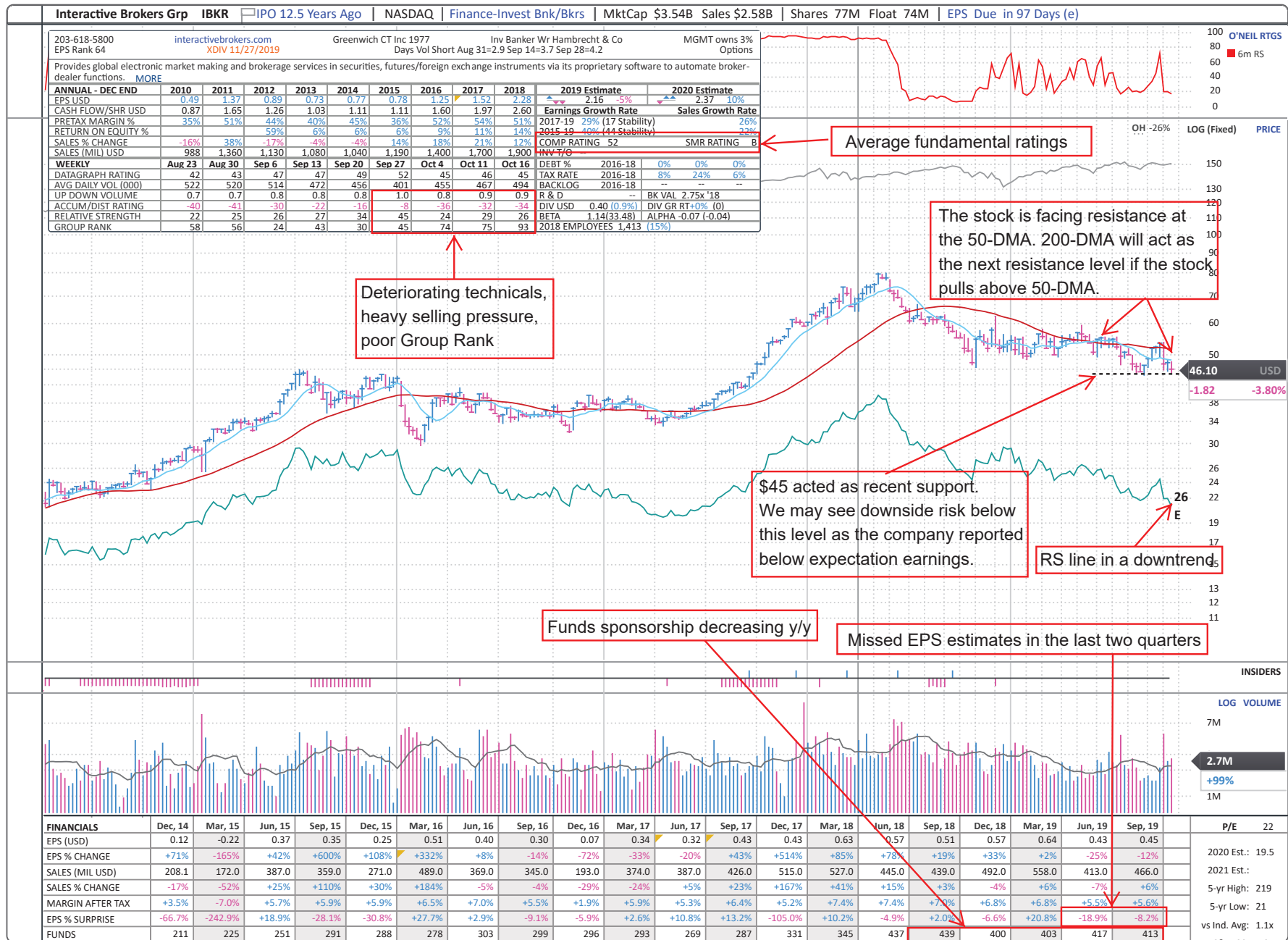
U.S. — Consumer Staple — Highlighted Laggard



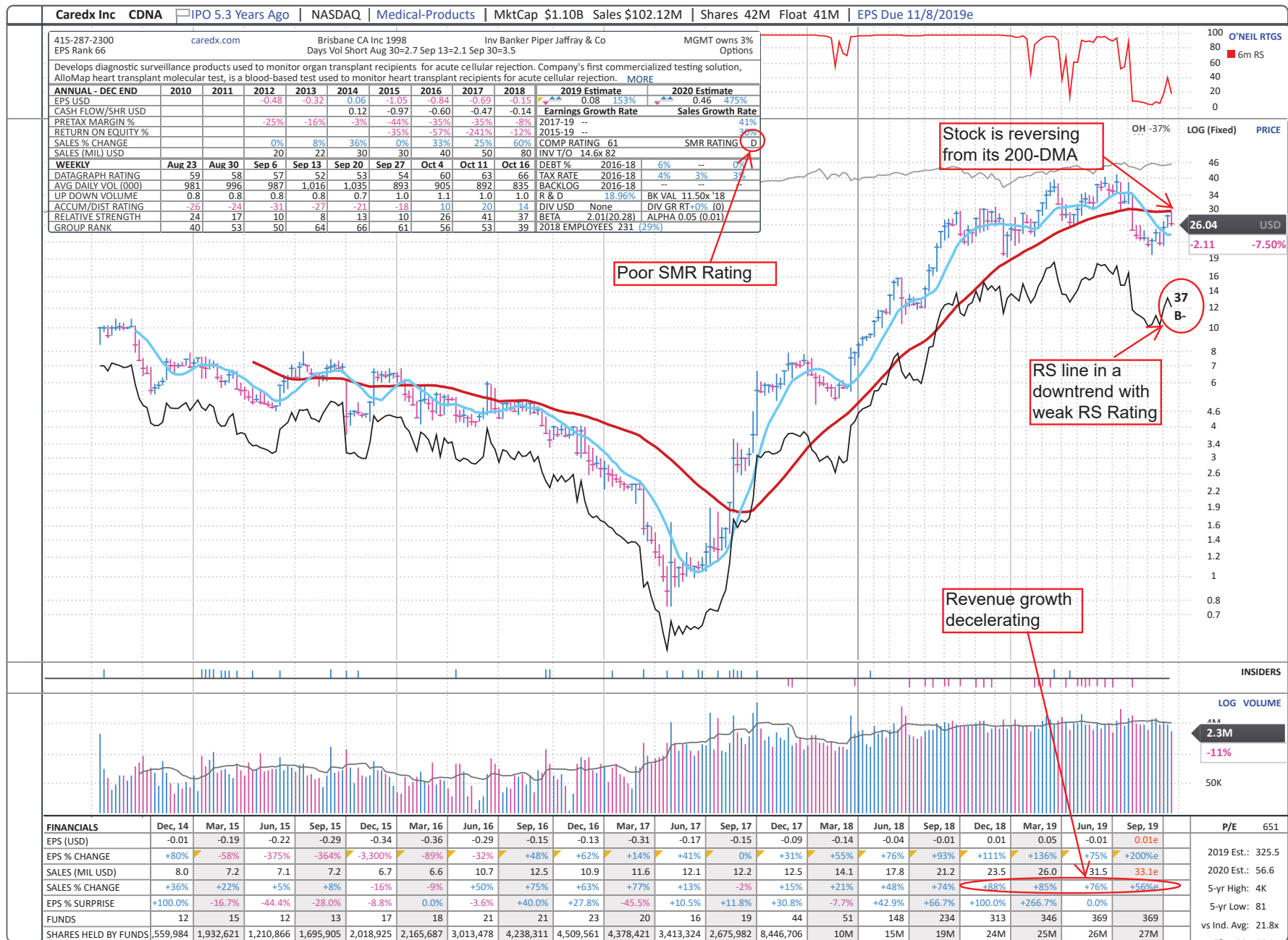
U.S. — Energy — Highlighted Laggard



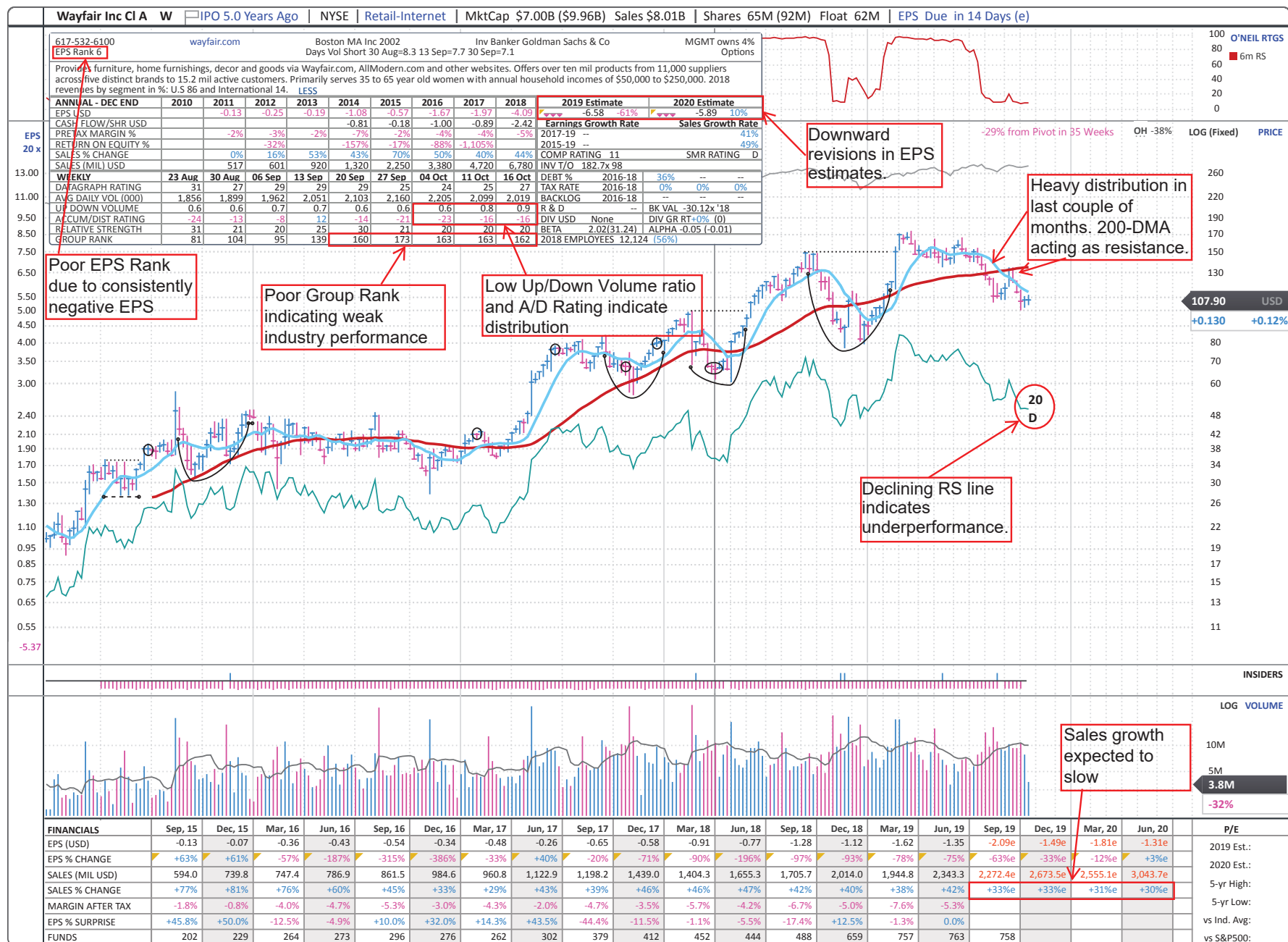
U.S.—Financial—Highlighted Laggard



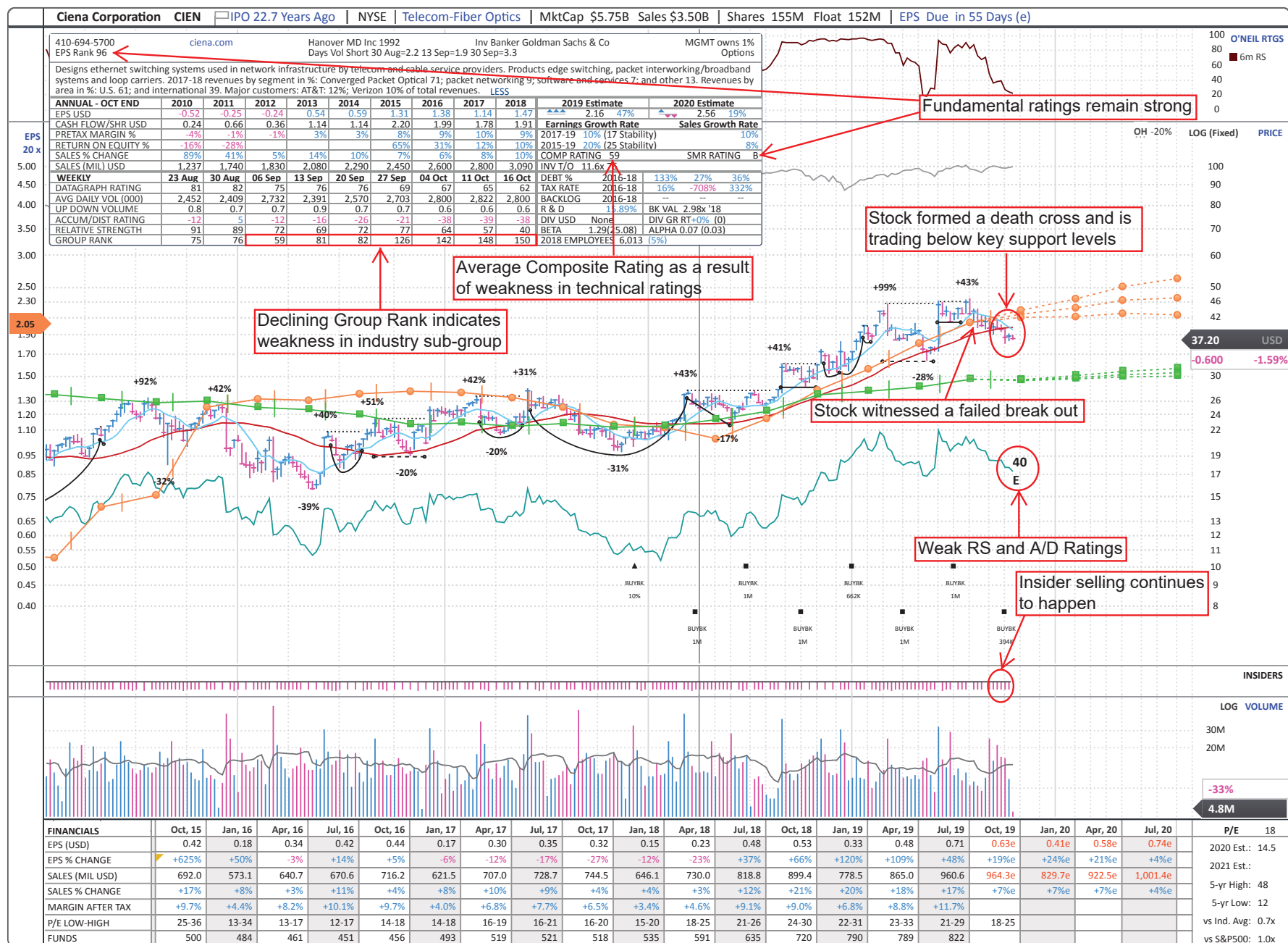
U.S. — Health Care — Highlighted Laggard



U.S. — Retail — Highlighted Laggard



U.S. — Technology — Highlighted Laggard



Developed Markets

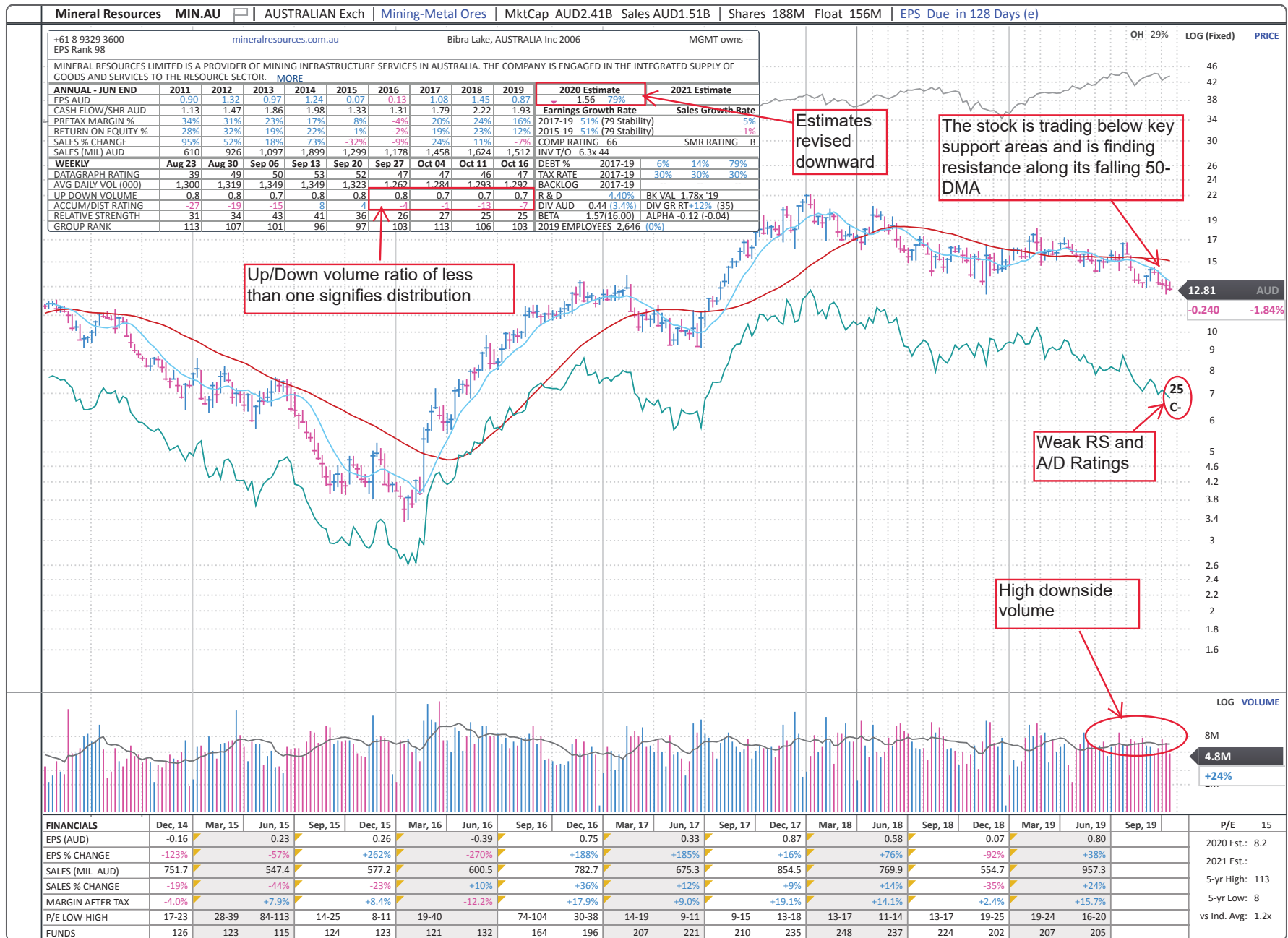
Symbol	Name	Trading Country	Sector Name	Industry Group Name	Market Value, USD (Mil)	Avg Daily Dollar Vol (000), USD	Negative Alert Score, 10 Wks	EPS Rank	RS Rating	A/D Rating
BSL.AU	Bluescope Steel	Australia	Basic Material	Steel-Producers	4,217	27,669	4	68	37	C-
MIN.AU	Mineral Resources	Australia	Basic Material	Mining-Metal Ores	1,615	11,197	5	98	25	C-
RRL.AU	Regis Resources	Australia	Basic Material	Mining-Gold/Silver/Gems	1,635	12,060	3	88	39	C
AMC.AU	Amcor Cdi	Australia	Capital Equipment	Containers/Packaging	10,036	36,183	4	43	41	D
ORA.AU	Orora	Australia	Capital Equipment	Containers/Packaging	2,458	13,539	5	63	39	C-
CWY.AU	Cleanaway Waste Management	Australia	Capital Equipment	Pollution Control	2,823	17,161	6	94	43	C-
FLT.AU	Flight Centre Travel Gp.	Australia	Consumer Cyclical	Leisure-Travel Booking	2,942	13,247	3	92	41	C
A2M.AU	The A2 Milk Company(Asx)	Australia	Consumer Staple	Food-Dairy Products	6,117	42,551	7	99	39	E
OSH.AU	Oil Search	Australia	Energy	Oil&Gas-Intl Expl&Prod	7,385	27,947	4	88	43	C
DXS.AU	Dexus Stapled Units	Australia	Financial	Finance-Property REIT	8,724	27,869	5	76	44	C+
CPU.AU	Computershare	Australia	Technology	Computer-Tech Services	5,851	19,719	4	98	33	D-
APX.AU	Appen	Australia	Technology	Computer-Tech Services	1,853	18,334	4	99	75	D+
AGL.AU	Agl Energy	Australia	Utility	Utility-Diversified	8,525	25,427	6	32	40	E
ARGX.BE	Argenx	Belgium	Health Care	Medical-Biomed/Biotech	4,371	12,200	5	16	61	C
UCB.BE	Ucb	Belgium	Health Care	Medical-Diversified	14,281	22,471	4	46	23	B-
NTR.CA	Nutrien Ltd	Canada	Basic Material	Chemicals-Agricultural	28,506	56,714	3	50	49	D
CCL/B.CA	Ccl Inds.'B'	Canada	Capital Equipment	Containers/Packaging	6,588	14,043	5	94	42	D+
SAP.CA	Saputo	Canada	Consumer Staple	Food-Misc Preparation	11,864	15,820	5	80	50	D-
PPL.CA	Pembina Pipeline	Canada	Energy	Oil&Gas-Transprt/Pipeline	18,218	48,034	4	98	56	C
IMO.CA	Imperial Oil	Canada	Energy	Oil&Gas-Refining/Mktg	18,538	21,249	4	69	35	D-
FFH.CA	Fairfax Finl.Hdg.	Canada	Financial	Insurance-Prop/Cas/Titl	11,656	16,349	4	94	39	E
CNR.CA	Canadian National Ry.	Canada	Transportation	Transportation-Logistics	62,484	99,053	3	96	56	C-
CHR.DK	Christian Hansen Holding	Denmark	Consumer Staple	Food-Misc Preparation	10,652	24,896	4	81	28	C
VEW.DK	Vestas Windsystems	Denmark	Energy	Energy-Alternative/Other	15,415	53,954	6	30	61	D+
TRY.DK	Tryg	Denmark	Financial	Insurance-Prop/Cas/Titl	8,174	12,215	4	80	58	E
WDH.DK	Demant	Denmark	Health Care	Medical-Systems/Equip	6,349	19,260	5	51	23	D-
GSN.DK	Gn Store Nord	Denmark	Health Care	Medical-Systems/Equip	5,782	20,416	6	92	34	E
LUN.DK	H Lundbeck	Denmark	Health Care	Medical-Diversified	6,598	13,570	4	57	14	D
VALM.FI	Valmet	Finland	Capital Equipment	Machinery-Gen Industrial	2,960	13,217	4	98	14	D+
NEST.FI	Neste	Finland	Energy	Oil&Gas-Refining/Mktg	24,107	35,417	5	88	54	E
NOK1.FI	Nokia	Finland	Technology	Computer-Networking	28,810	66,641	3	21	42	C+
CSF.FR	Thales	France	Capital Equipment	Aerospace/Defense	22,698	36,534	5	89	29	E
SCO.FR	Scor Se	France	Financial	Insurance-Brokers	7,700	16,272	5	36	30	D+
IPN.FR	Ipsen	France	Health Care	Medical-Ethical Drugs	8,568	11,957	4	94	15	B-
CRFR.FR	Carrefour	France	Retail	Retail-Super/Mini Mkts	13,881	38,093	7	48	30	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
SDX.FR	Sodexo	France	Retail	Retail-Restaurants	15,836	24,318	4	62	48	C
EVKX.DE	Evonik Industries (Xet)	Germany	Basic Material	Chemicals-Specialty	11,953	17,857	6	38	31	C-
EVTX.DE	Evotec (Xet)	Germany	Health Care	Medical-Biomed/Biotech	3,309	31,945	6	85	28	D-
SHLX.DE	Siemens Healthineers (Xet)	Germany	Health Care	Medical-Systems/Equip	38,825	17,684	4	89	44	E
FMEX.DE	Fresenius Med.Care (Xet)	Germany	Health Care	Medical-Hospitals	20,478	52,016	4	62	34	D+
FREX.DE	Fresenius (Xet)	Germany	Health Care	Medical-Hospitals	21,610	77,899	5	71	41	C-
EOANX.DE	E On (Xet)	Germany	Utility	Utility-Diversified	26,028	95,634	7	13	36	D+
CHTW.HK	China Tower Corp	Hong Kong	Capital Equipment	Bldg-Heavy Construction	10,173	89,535	3	83	73	C
HENG.HK	Hengan Intl.Gp.	Hong Kong	Consumer Staple	Cosmetics/Personal Care	7,788	20,826	4	67	47	C+
SWIE.HK	Swire Properties	Hong Kong	Financial	Real Estate Dvlpmt/Ops	18,272	13,730	8	52	32	E
SWPA.HK	Swire Pacific 'A'	Hong Kong	Financial	Real Estate Dvlpmt/Ops	8,378	19,330	5	53	32	C
AGP.HK	Aia Group	Hong Kong	Financial	Insurance-Life	115,661	275,568	6	95	74	C
HSBA.HK	Hang Seng Bank	Hong Kong	Financial	Banks-Money Center	39,582	47,977	6	70	43	C-
LREI.HK	Link RL.Est.Inv.Tst.	Hong Kong	Financial	Finance-Property REIT	22,547	82,654	6	58	71	D+
CTC.HK	China Telecom 'H'	Hong Kong	Technology	Telecom Svcs-Wireless	6,245	19,435	5	69	53	C-
LEGE.HK	Lenovo Group	Hong Kong	Technology	Computer-Hardware/Perip	8,317	24,322	4	84	49	C
HKCG.HK	Hong Kong And China Gas	Hong Kong	Utility	Utility-Gas Distribution	32,969	40,075	6	60	63	D
HPI.HK	Huaneng Power Intl.'H'	Hong Kong	Utility	Utility-Electric Power	2,235	9,966	4	65	25	D
SPM.IT	Saipem	Italy	Energy	Oil&Gas-Field Services	4,677	33,279	4	44	33	C-
EC@N.JP	Denka	Japan	Basic Material	Chemicals-Specialty	2,499	11,772	4	77	30	C
XE@N.JP	Yokogawa Electric	Japan	Capital Equipment	Machinery-Gen Industrial	4,772	18,698	3	38	30	C
ZJ@N.JP	Mitsubishi	Japan	Capital Equipment	Diversified Operations	39,458	142,154	5	20	18	C-
TMHD.JP	Persol Holdings	Japan	Capital Equipment	Comml Svcs-Staffing	4,329	22,534	5	52	22	E
MISM.JP	Misumi Group	Japan	Capital Equipment	Machinery-Mtl Hdlg/Autmn	6,583	18,206	5	75	42	C
NIIW.JP	Sojitz	Japan	Capital Equipment	Diversified Operations	3,842	14,797	4	82	19	C
CYBA.JP	Cyberagent	Japan	Capital Equipment	Comml Svcs-Advertising	4,758	41,426	4	14	42	D
KYEX.JP	Kyowa Exeo	Japan	Capital Equipment	Bldg-Heavy Construction	2,875	13,832	4	74	39	C+
RZ@N.JP	Nichirei	Japan	Consumer Staple	Food-Misc Preparation	3,210	11,143	4	89	27	C
POLA.JP	Pola Orbis Holdings	Japan	Consumer Staple	Cosmetics/Personal Care	5,288	19,806	4	24	9	E
KITK.JP	Coca-Cola Bottlers Jap.	Japan	Consumer Staple	Beverages-Non-Alcoholic	4,846	14,451	6	2	22	D+
JHRC.JP	Japan Hotel Reit Inv.	Japan	Financial	Finance-Property REIT	3,457	15,626	5	71	54	C
JPHC.JP	Japan Post Holdings	Japan	Financial	Insurance-Life	41,317	56,268	5	38	7	C
SFH.JP	Sony Financial Holdings	Japan	Financial	Insurance-Life	9,017	19,506	6	77	33	D
DS@N.JP	Daiwa Securities Group	Japan	Financial	Finance-Invest Bnk/Bkrs	7,728	28,975	4	26	24	D
TA@N.JP	Takeda Pharmaceutical	Japan	Health Care	Medical-Diversified	55,663	177,231	4	11	33	B
ALCH.JP	Alfresa Holdings	Japan	Health Care	Medical-Systems/Equip	5,303	10,605	5	60	14	C+
PS@N.JP	Ono Pharm.	Japan	Health Care	Medical-Generic Drugs	9,800	25,901	3	87	22	C-

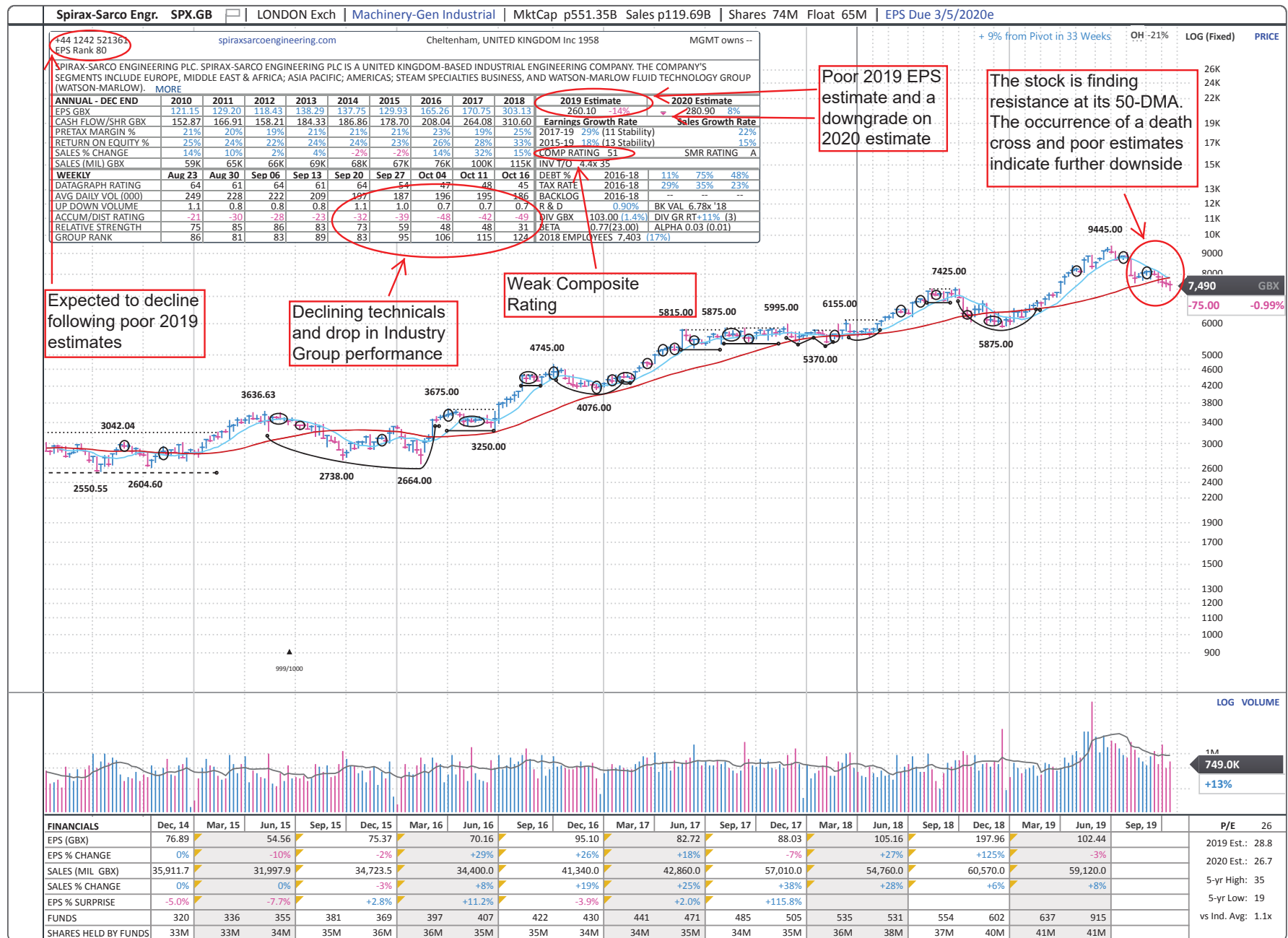
Symbol	Name	Trading Country	Sector Name	Industry Group Name	Market Value, USD (Mil)	Avg Daily Dollar Vol (000), USD	Negative Alert Score, 10 Wks	EPS Rank	RS Rating	A/D Rating
DPPH.JP	Sumitomo Dainippon Pha.	Japan	Health Care	Medical-Diversified	6,645	15,207	4	78	5	D
PETI.JP	Peptidream	Japan	Health Care	Medical-Biomed/Biotech	5,689	29,858	6	84	39	E
SQ@N.JP	Shionogi	Japan	Health Care	Medical-Diversified	17,405	60,878	5	89	33	B-
ZENS.JP	Zensho Holdings	Japan	Retail	Retail-Restaurants	3,308	12,702	4	98	54	D-
RAKT.JP	Rakuten	Japan	Retail	Retail-Internet	13,330	90,840	4	73	64	C+
DENA.JP	Dena	Japan	Technology	Computer Sftwr-Desktop	2,635	44,806	3	38	50	D-
SEEP.JP	Seiko Epson	Japan	Technology	Computer-Hardware/Perip	5,495	23,583	6	16	16	C-
SFTB.JP	Softbank Group	Japan	Technology	Telecom Svcs-Wireless	81,630	539,658	7	87	22	E
SGHS.JP	Sg Holdings Co	Japan	Transportation	Transport-Air Freight	7,934	15,493	6	71	18	E
JAPL.JP	Japan Airlines	Japan	Transportation	Transportation-Airline	10,759	48,046	6	53	24	E
NX@N.JP	Nippon Express	Japan	Transportation	Transportation-Logistics	5,170	14,123	3	35	33	C+
ANAW.JP	Ana Holdings	Japan	Transportation	Transportation-Airline	11,896	35,396	4	87	50	D
UL@N.JP	Tohoku Electric Pwr.	Japan	Utility	Utility-Electric Power	5,107	13,338	5	63	16	D-
UY@N.JP	Kyushu Elec.Power	Japan	Utility	Utility-Electric Power	4,711	11,344	5	34	27	C-
ASRN.NL	Asr Nederland	Netherlands	Financial	Insurance-Brokers	5,167	19,997	4	94	21	E
EQNR.NO	Equinor	Norway	Energy	Oil&Gas-Integrated	60,731	64,909	3	72	35	C+
SUBC.NO	Subsea 7	Norway	Energy	Oil&Gas-Field Services	2,959	11,042	5	42	35	D-
KEPP.SG	Keppel	Singapore	Capital Equipment	Diversified Operations	7,935	14,767	5	27	38	C-
CODE.SG	Comfortdelgro	Singapore	Consumer Cyclical	Leisure-Services	3,857	11,658	4	77	58	C-
HKLH.SG	Hong Kong Land Hdg.	Singapore	Financial	Real Estate Dvlpmt/Ops	12,697	20,188	5	50	20	E
OCBC.SG	Oversea-Chinese Bkg.	Singapore	Financial	Banks-Money Center	34,937	36,781	5	75	48	C
SUNT.SG	Suntec Rlst.It.	Singapore	Financial	Finance-Property REIT	3,838	11,859	3	56	68	D+
GAM.ES	Siemens Gamesa Renewable Energy	Spain	Energy	Energy-Alternative/Other	8,897	20,976	7	67	34	E
BBVA.ES	Bbv.Argentaria	Spain	Financial	Banks-Money Center	35,425	97,651	4	68	37	A-
REE.ES	Red Electrica	Spain	Utility	Utility-Electric Power	10,823	24,164	4	56	61	D+
HUSB.SE	Husqvarna B	Sweden	Consumer Cyclical	Hsehold-Appliances/Wares	3,484	14,011	5	81	41	D-
SWMA.SE	Swedish Match	Sweden	Consumer Staple	Tobacco	7,055	26,347	4	86	47	D-
SWED.SE	Swedbank A	Sweden	Financial	Banks-Money Center	16,348	49,938	4	63	29	B-
SOBI.SE	Swedish Orphan Biovitrum	Sweden	Health Care	Medical-Biomed/Biotech	4,947	12,389	5	89	17	C-
LHN.CH	Lafargeholcim	Switzerland	Basic Material	Bldg-Cement/Concrt/Ag	29,802	120,900	5	69	52	C
SGSN.CH	Sgs 'N'	Switzerland	Capital Equipment	Comm'l Svcs-Outsourcing	18,653	45,135	3	87	52	C
ABBN.CH	Abb Ltd N	Switzerland	Capital Equipment	Electrical-Power/Equipmt	40,906	122,698	4	22	39	D+
CFR.CH	Richemont N	Switzerland	Consumer Cyclical	Apparel-Clothing Mfg	38,493	134,995	5	76	39	D+
UHR.CH	The Swatch Group	Switzerland	Retail	Retail/Whlsle-Jewelry	7,697	73,382	5	22	12	D+
JMAT.GB	Johnson Matthey	United Kingdom	Basic Material	Mining-Gold/Silver/Gems	7,423	19,181	5	89	23	C
MNDI.GB	Mondi	United Kingdom	Capital Equipment	Containers/Packaging	10,039	42,280	4	93	18	C-
RR.GB	Rolls-Royce Holdings	United Kingdom	Capital Equipment	Aerospace/Defense	18,343	43,810	5	39	13	D+

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SPX.GB	Spirax-Sarco Engr.	United Kingdom	Capital Equipment	Machinery-Gen Industrial	6,910	18,338	5	80	31	E
WEIR.GB	Weir Group	United Kingdom	Capital Equipment	Machinery-Gen Industrial	4,654	19,027	5	32	25	D-
CINE.GB	Cineworld Group	United Kingdom	Consumer Cyclical	Leisure-Services	3,956	17,644	4	64	11	C-
BRBY.GB	Burberry Group	United Kingdom	Consumer Cyclical	Apparel-Clothing Mfg	10,166	29,402	1	81	31	C
INF.GB	Informa	United Kingdom	Consumer Cyclical	Media-Books	12,295	24,822	4	90	51	D-
BATS.GB	British American Tobacco	United Kingdom	Consumer Staple	Tobacco	79,119	104,248	4	80	20	D-
TATE.GB	Tate & Lyle	United Kingdom	Consumer Staple	Food-Misc Preparation	4,128	10,221	6	54	31	D
RB.GB	Reckitt Benckiser Group	United Kingdom	Consumer Staple	Cosmetics/Personal Care	54,443	80,356	4	30	25	E
STJ.GB	St.James's Place	United Kingdom	Financial	Finance-Investment Mgmt	6,825	24,091	4	37	22	D-
HSX.GB	Hiscox (Di)	United Kingdom	Financial	Insurance-Prop/Cas/Titl	5,608	12,471	5	35	19	E

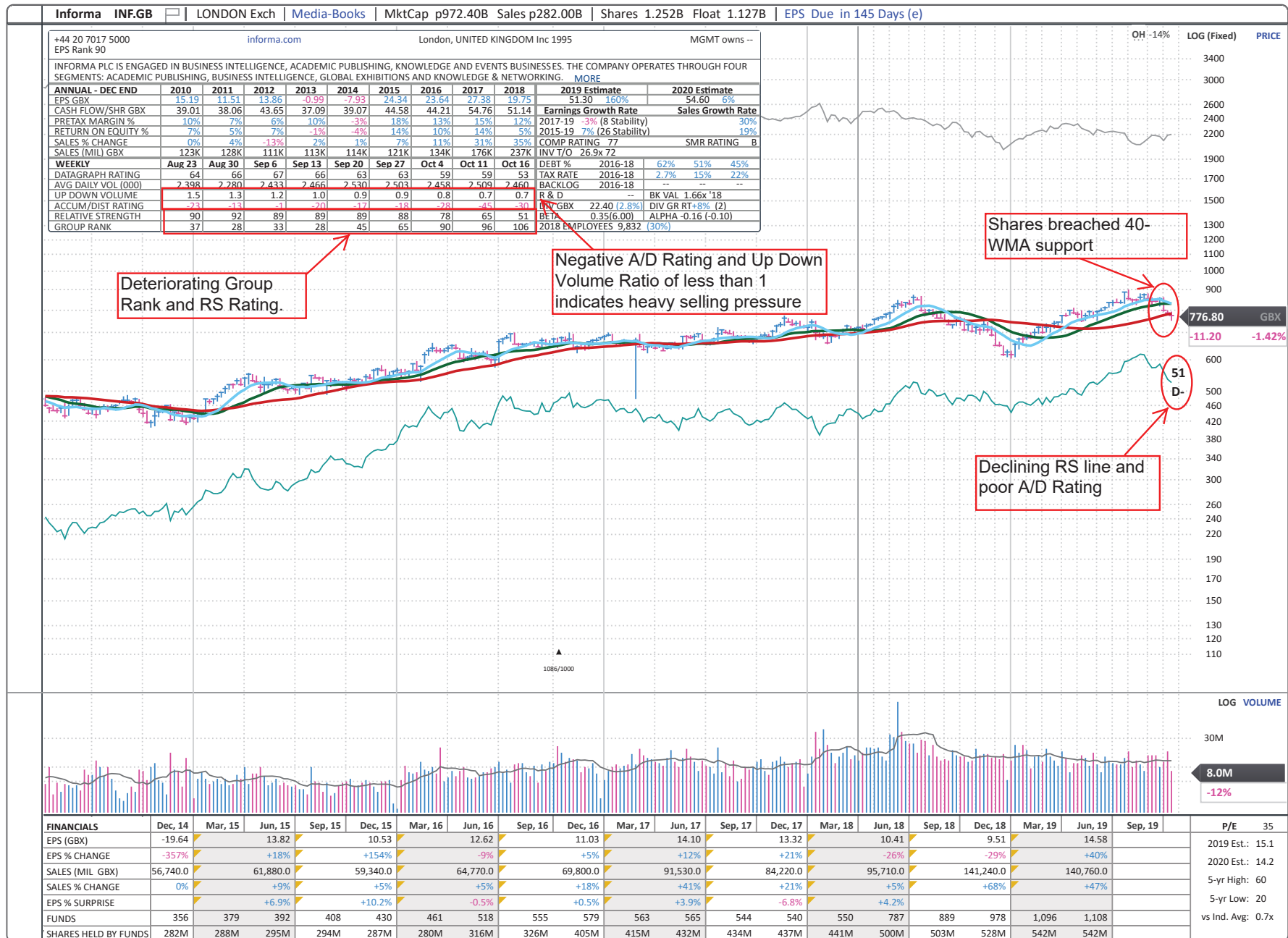
Developed — Basic Material — Highlighted Laggard



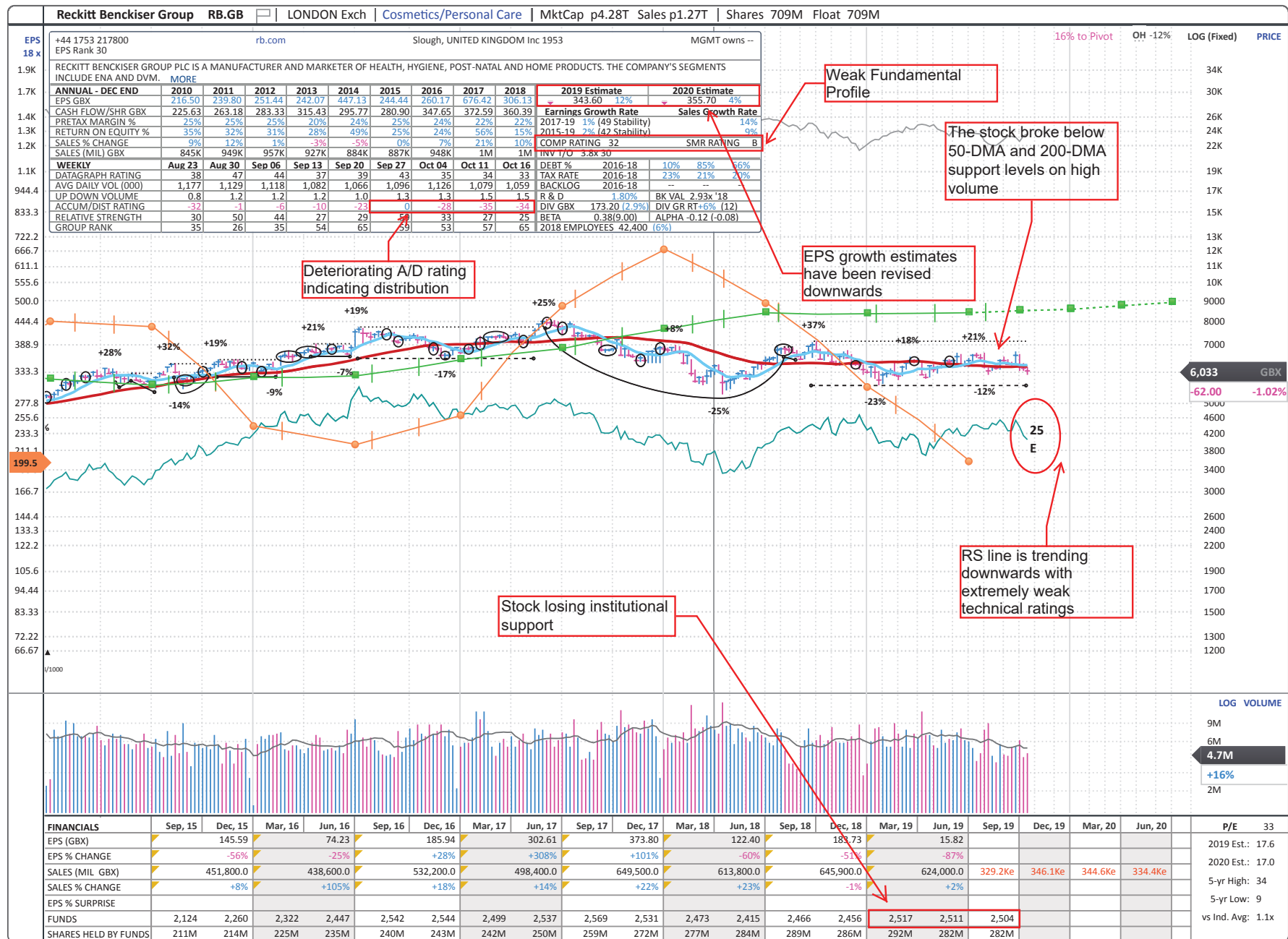
Developed — Capital Equipment — Highlighted Laggard



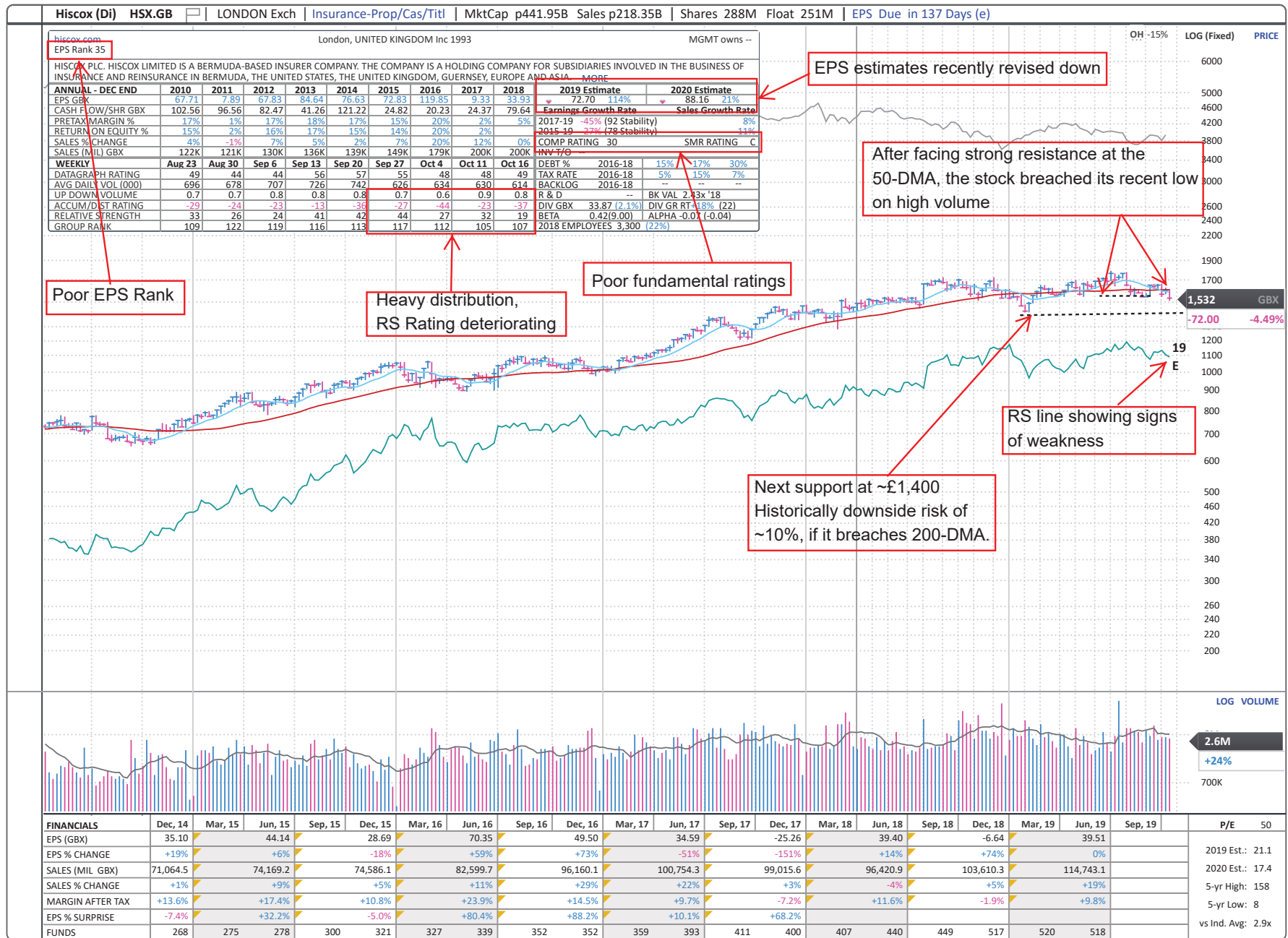
Developed — Consumer Cyclical — Highlighted Laggard



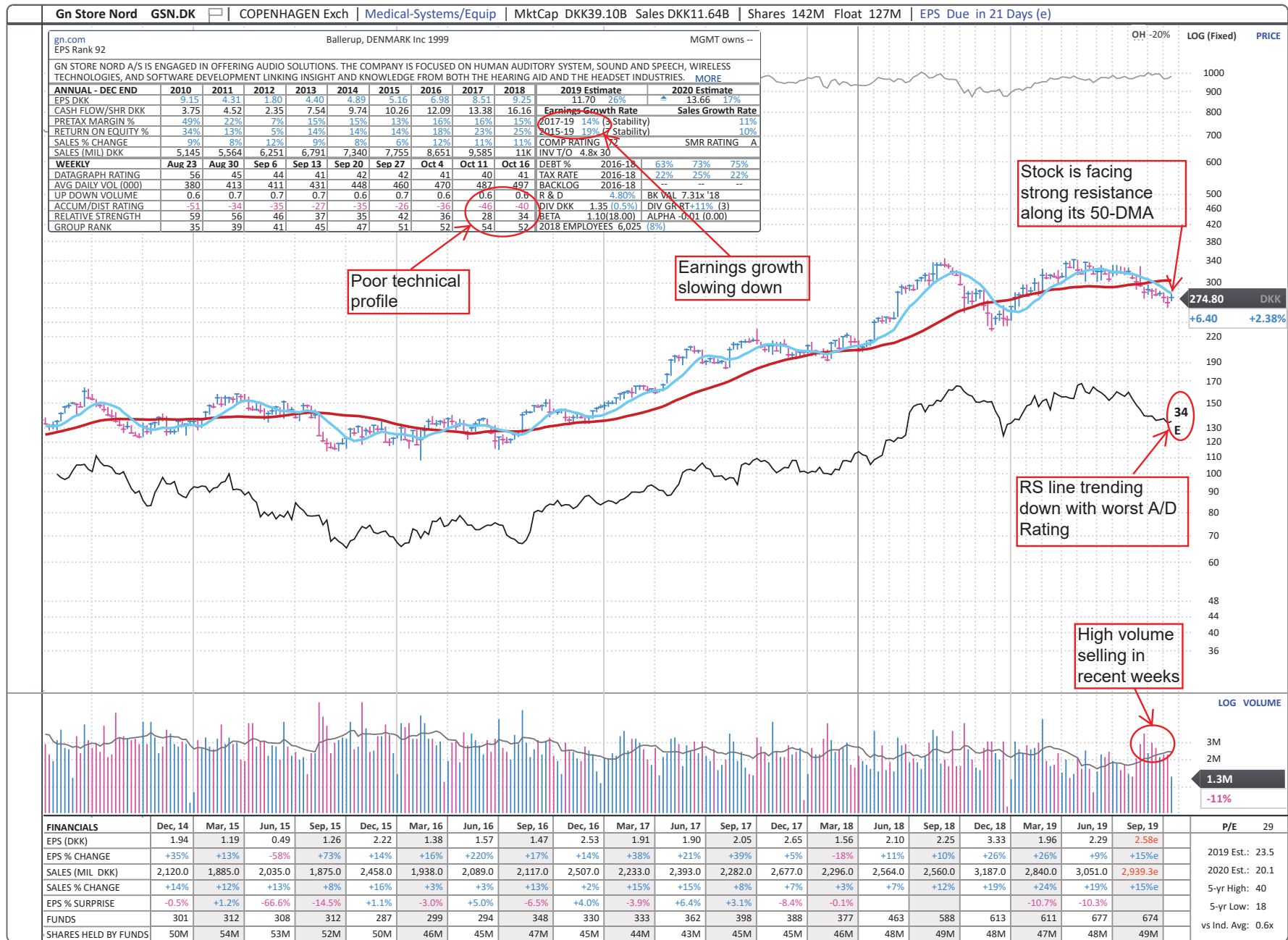
Developed — Consumer Staple — Highlighted Laggard



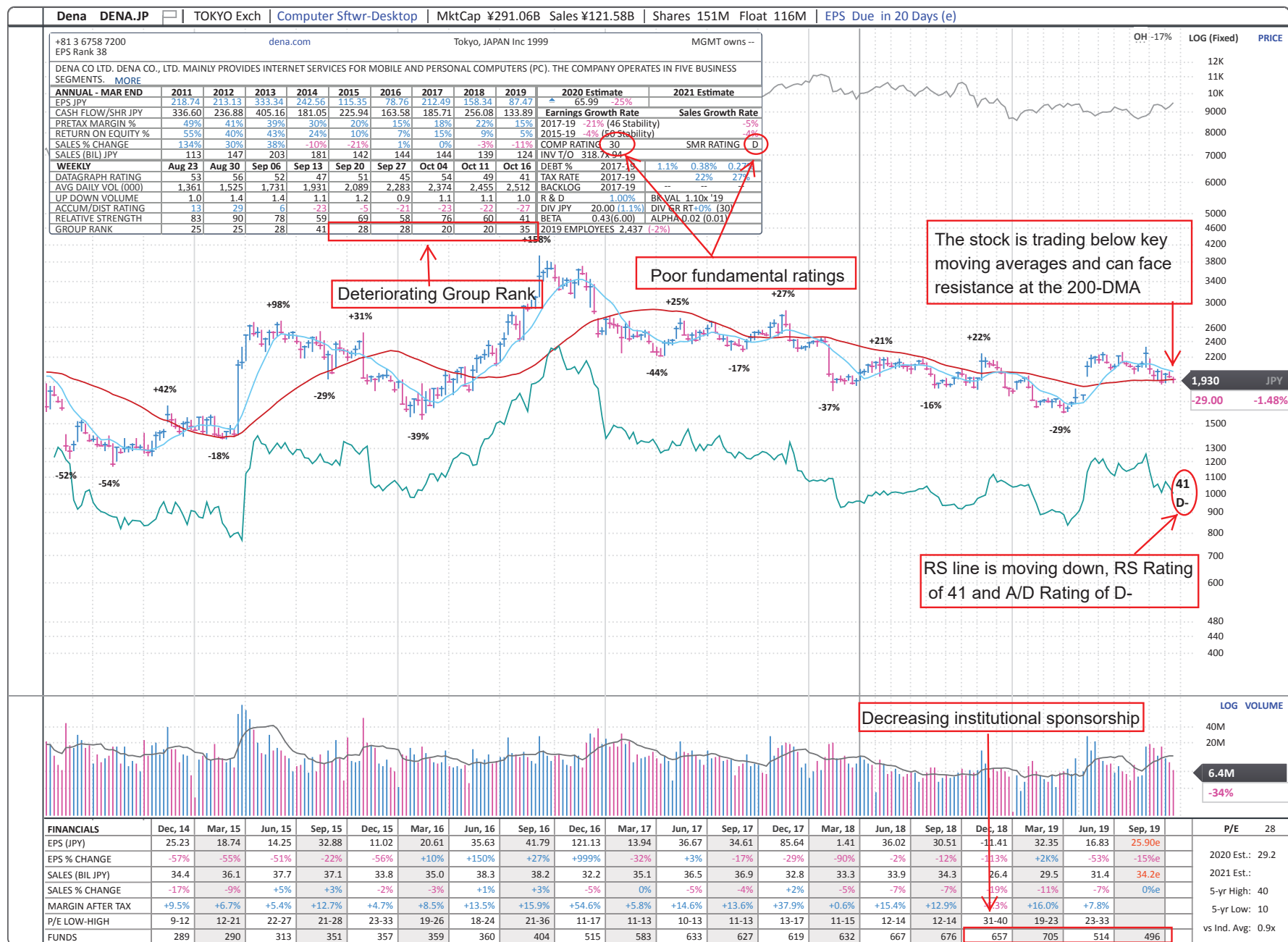
Developed — Financial — Highlighted Laggard



Developed — Health Care — Highlighted Laggard



Developed — Technology — Highlighted Laggard

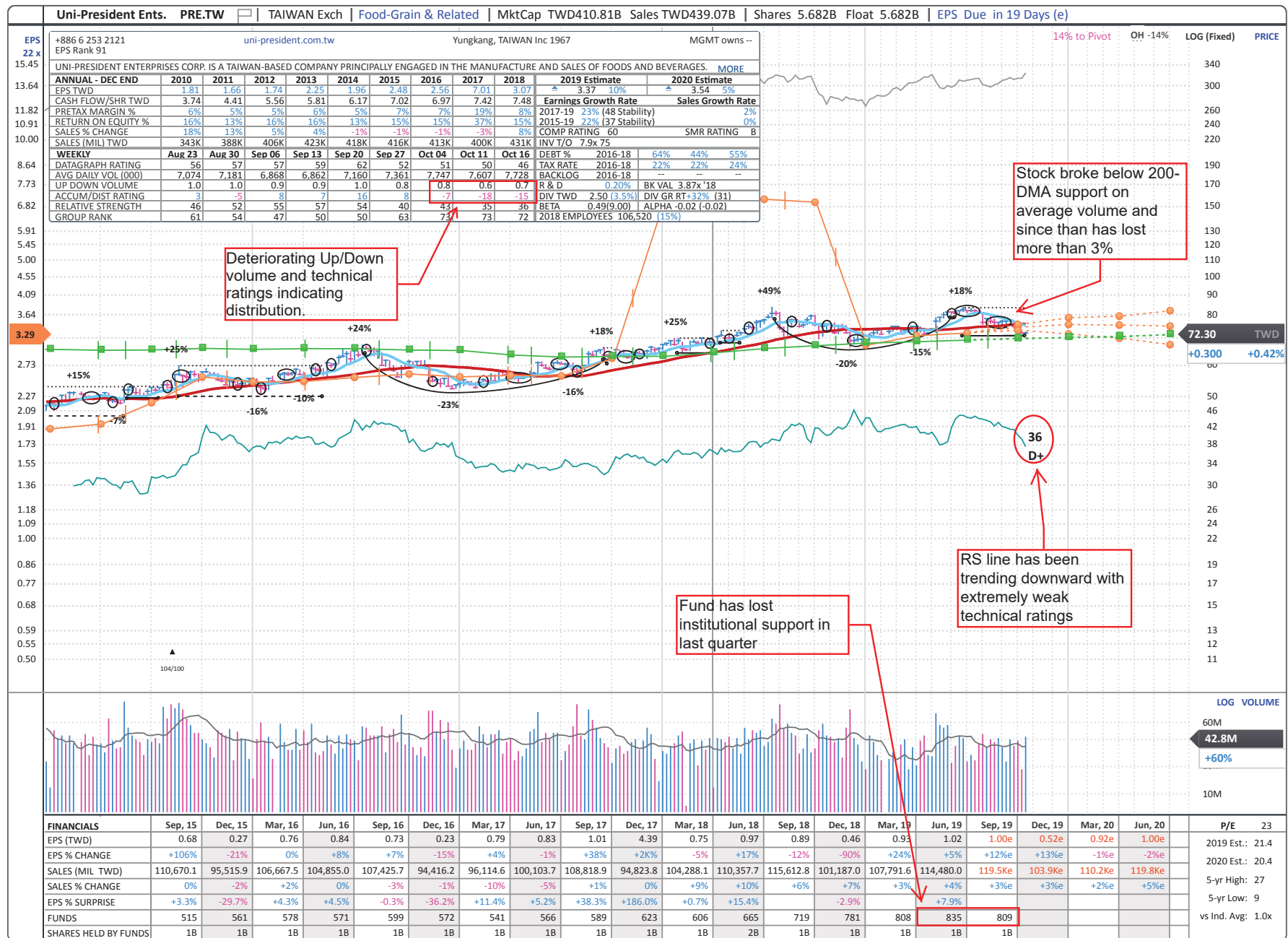


Emerging Markets

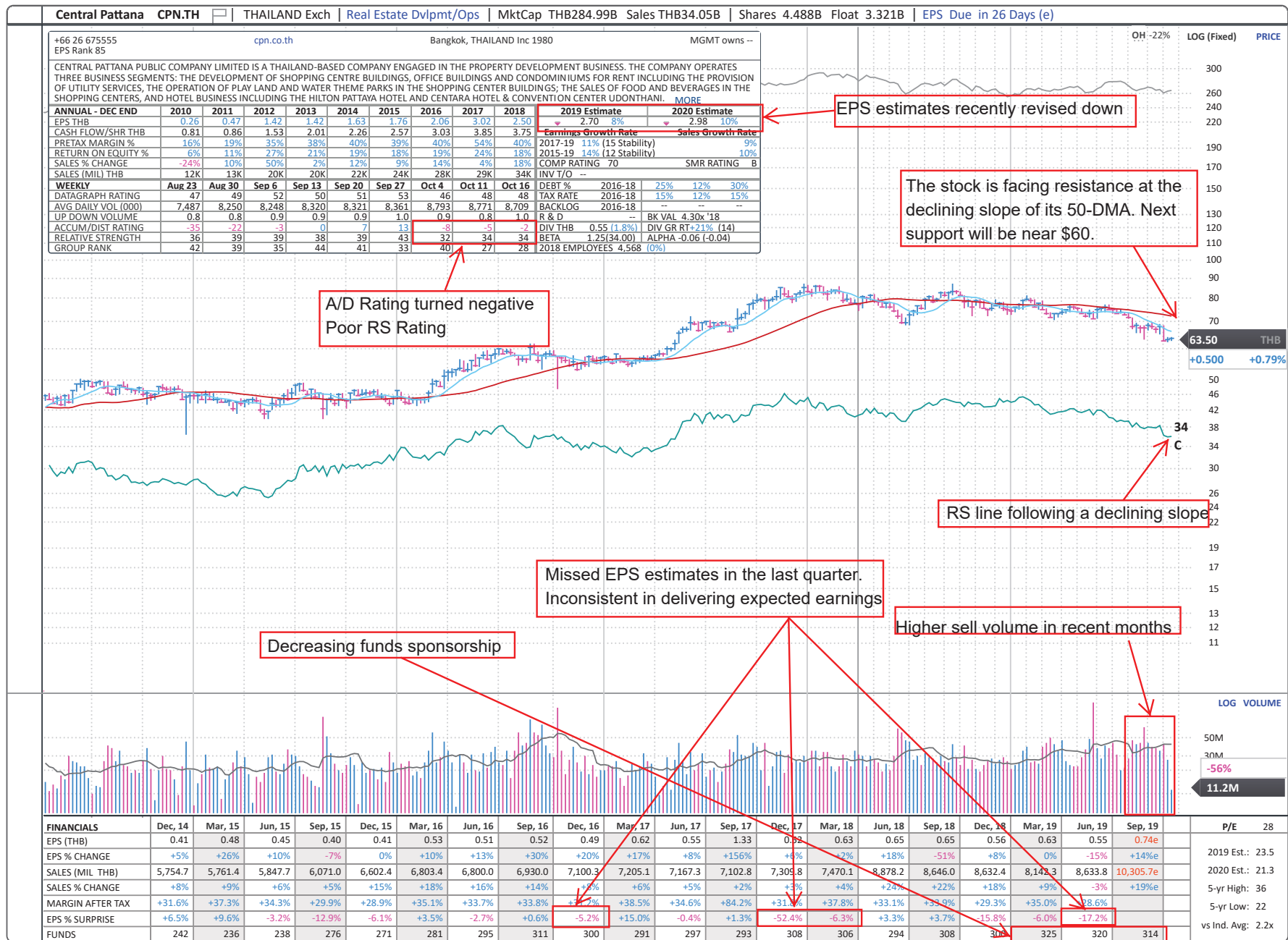
Symbol	Name	Trading Country	Sector Name	Industry Group Name	Market Value, USD (Mil)	Avg Daily Dollar Vol (000), USD	Negative Alert Score, 10 Wks	EPS Rank	RS Rating	A/D Rating
EA3.BR	Embraer On	Brazil	Capital Equipment	Aerospace/Defense	3,078	11,381	3	74	13	C-
KRO.BR	Cogna Educacao On	Brazil	Consumer Cyclical	Consumer Svcs-Education	4,132	44,879	3	31	20	D
IO3.BR	Banco Do Brasil On	Brazil	Financial	Banks-Money Center	30,917	108,032	4	82	19	D
CU4.BR	Cmpbra.De Distb. Pn	Brazil	Retail	Retail-Major Disc Chains	3,333	30,979	3	22	17	C+
CRF.BR	Atacadao Distribuicao	Brazil	Retail	Retail-Super/Mini Mkts	9,263	13,171	3	75	27	C
EL3.BR	Centrais Eletr Bras- Eletrobras On	Brazil	Utility	Utility-Electric Power	9,480	34,128	4	83	65	D+
EL6.BR	Cti.Eletr Bras- Eletrobras Sr.B Pn	Brazil	Utility	Utility-Electric Power	2,412	23,339	4	82	56	D
LH3.BR	Light On	Brazil	Utility	Utility-Electric Power	1,310	10,727	4	34	20	D+
UPH.IN	Upl	India	Basic Material	Chemicals-Agricultural	6,288	30,437	4	34	83	C
HVI.IN	Havell's India	India	Capital Equipment	Electrical-Power/Equipmt	5,875	12,695	6	53	75	C+
IT.IN	Itc	India	Consumer Staple	Tobacco	41,847	50,662	4	75	52	D
UTI.IN	Axis Bank	India	Financial	Banks-Money Center	27,326	130,524	4	66	78	D
FED.IN	Federal Bank	India	Financial	Banks-Money Center	2,288	13,922	5	80	61	D+
PRH.IN	Piramal Enterprises	India	Health Care	Medical-Diversified	3,796	27,710	5	66	23	D
TIC.IN	Sun Pharm.Industries	India	Health Care	Medical-Generic Drugs	13,406	39,196	4	46	54	B-
CPL.IN	Cipla	India	Health Care	Medical-Generic Drugs	5,034	17,687	4	68	42	C+
LUP.IN	Lupin	India	Health Care	Medical-Generic Drugs	4,637	13,910	2	65	57	B-
WIP.IN	Wipro	India	Technology	Computer-Tech Services	19,789	15,040	5	78	65	B-
TSE.IN	Tata Consultancy Svs.	India	Technology	Computer-Tech Services	107,341	78,711	2	74	76	D+
BRI.ID	Bank Rakyat Indonesia	Indonesia	Financial	Banks-Money Center	34,904	27,500	4	82	64	D-
PBOM.MY	Public Bank	Malaysia	Financial	Banks-Money Center	17,842	20,683	4	1	18	D-
IXB.MX	Banco Santander B	Mexico	Financial	Banks-Money Center	4,506	13,881	5	59	31	D-
PKB.PL	Pko Bank	Poland	Financial	Banks-Money Center	11,956	26,548	3	89	43	C
MGN.RU	Magnit	Russia	Retail	Wholesale-Food	5,170	12,429	4	26	15	D+
TBSJ.ZA	Tiger Brands	South Africa	Consumer Staple	Food-Misc Preparation	2,707	13,236	4	58	41	C
REMJ.ZA	Remgro	South Africa	Financial	Finance-Investment Mgmt	6,204	15,823	6	10	44	E
DSYJ.ZA	Discovery	South Africa	Financial	Insurance-Life	5,449	21,643	5	89	33	C-
APNJ.ZA	Aspen Phmc.Hdg.	South Africa	Health Care	Medical-Generic Drugs	3,062	14,841	4	91	35	C-
LCM.KR	Lg Chem	South Korea	Basic Material	Chemicals-Plastics	18,068	45,132	5	49	34	E
DLI.KR	Daelim Industrial	South Korea	Capital Equipment	Bldg-Heavy Construction	2,851	10,303	5	89	73	C
LCY.KR	Lg	South Korea	Capital Equipment	Comml Svcs-Outsourcing	10,126	11,406	5	93	60	D-
CLZ.KR	Samsung C&T	South Korea	Capital Equipment	Bldg-Heavy Construction	14,885	22,263	4	20	43	C+
HDR.KR	Hyundai Motor	South Korea	Consumer Cyclical	Auto Manufacturers	22,127	55,243	3	69	58	D-
SHB.KR	Shinhan Finl.Group	South Korea	Financial	Banks-Money Center	17,048	32,229	5	90	62	D
AFM.KR	Samsung Fire & Mar.In.	South Korea	Financial	Insurance-Prop/Cas/Titl	8,915	20,879	5	60	22	D

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KHB.KR	Kb Financial Group	South Korea	Financial	Banks-Money Center	15,102	34,858	5	92	50	C
MEY.KR	Medy-Tox	South Korea	Health Care	Medical-Biomed/Biotech	1,640	13,568	5	69	6	D+
KTL.KR	Kt	South Korea	Technology	Telecom Svcs-Integrated	5,903	10,603	4	77	55	E
SKT.KR	Sk Telecom	South Korea	Technology	Telecom Svcs-Wireless	16,248	31,138	4	59	46	E
SZS.KR	Samsung Sds	South Korea	Technology	Computer-Tech Services	12,638	11,751	4	90	43	D-
CST.TW	China Steel	Taiwan	Basic Material	Steel-Producers	11,948	10,109	5	46	29	D+
DEL.TW	Delta Electronics	Taiwan	Capital Equipment	Electrical-Power/Equipmt	11,340	26,808	7	92	27	D-
MIK.TW	Makalot Industrial	Taiwan	Consumer Cyclical	Apparel-Clothing Mfg	1,250	11,465	6	81	29	D+
PRE.TW	Uni-President Ents.	Taiwan	Consumer Staple	Food-Grain & Related	13,384	18,581	3	91	36	D+
PHE.TW	Phison Electronics	Taiwan	Technology	Elec-Semiconductor Mfg	1,798	12,582	4	64	62	C-
CPFT.TH	Charoen Pokphand Foods	Thailand	Basic Material	Agricultural Operations	7,507	26,274	3	84	72	D
SCQT.TH	Siam Cement	Thailand	Capital Equipment	Diversified Operations	14,447	44,343	7	60	33	E
PTTE.TH	Ptt Exploration & Prdn.	Thailand	Energy	Oil&Gas-Intl Expl&Prod	15,279	51,484	3	98	45	D-
PTTB.TH	Ptt	Thailand	Energy	Oil&Gas-Refining/Mktg	41,576	78,802	5	82	53	D
SBBT.TH	Siam Commercial Bank	Thailand	Financial	Banks-Money Center	13,013	44,284	4	61	38	C-
KTBT.TH	Krung Thai Bank	Thailand	Financial	Banks-Money Center	7,724	16,757	5	69	38	E
BBLT.TH	Bangkok Bank	Thailand	Financial	Banks-Money Center	10,455	33,716	4	74	33	C-
CPN.TH	Central Pattana	Thailand	Financial	Real Estate Dvlpmt/Ops	9,559	18,208	4	85	40	B-
TFBT.TH	Kasikornbank	Thailand	Financial	Banks-Money Center	12,281	49,964	5	47	33	C
TSIA.TH	True Corporation	Thailand	Technology	Telecom Svcs-Integrated	5,817	27,915	5	26	57	E
PET.TR	Petkim Petrokimya Hldg.	Turkey	Basic Material	Chemicals-Specialty	1,211	40,017	4	87	8	C
GAR.TR	Tki.Garanti Bksi.	Turkey	Financial	Banks-Money Center	6,159	169,520	3	73	25	D-
TVB.TR	Tki.Vakiflar Bankasi	Turkey	Financial	Banks-Money Center	1,748	37,910	3	92	20	E

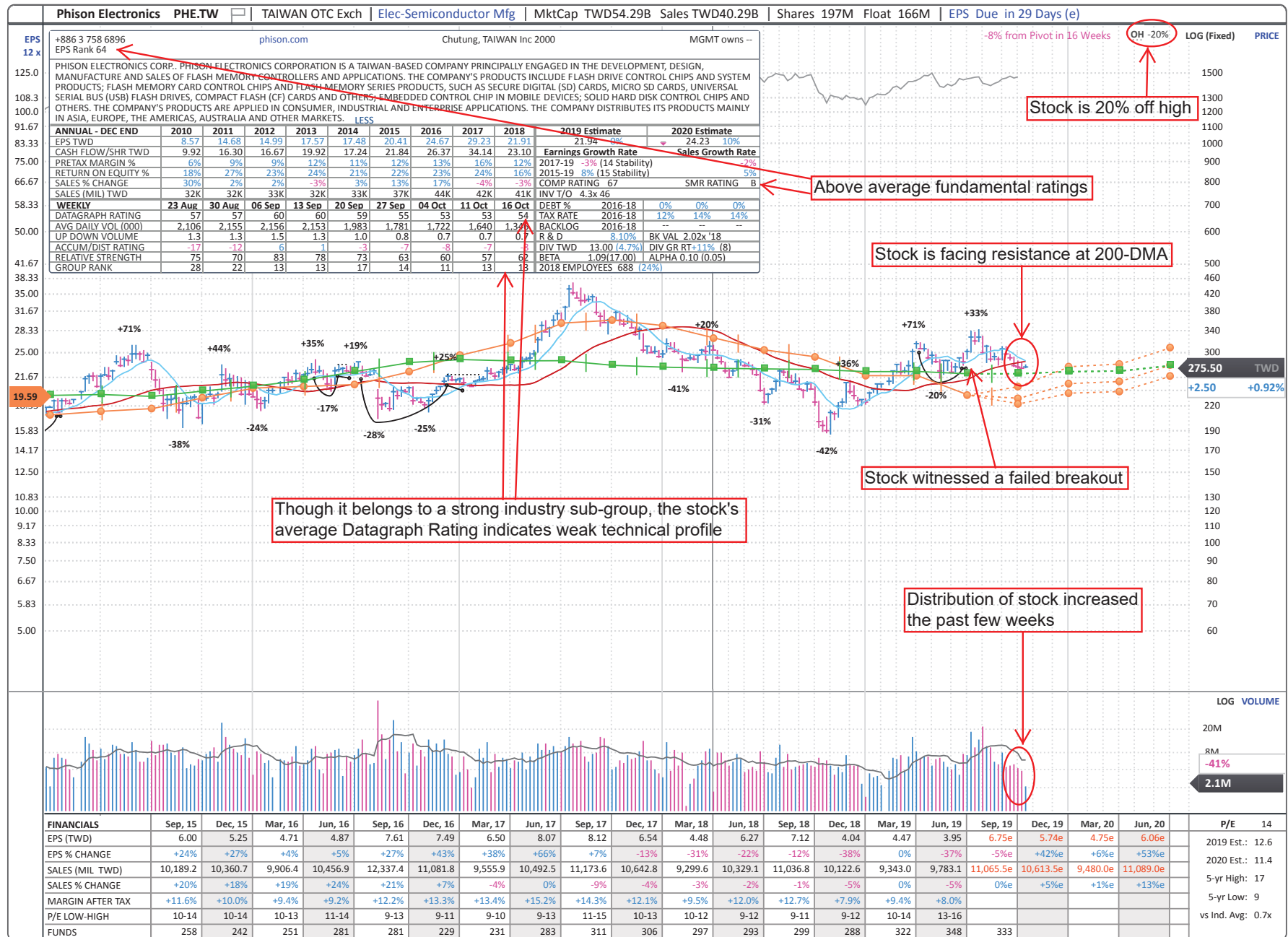
Emerging — Consumer Staple — Highlighted Laggard



Emerging — Financial — Highlighted Laggard



Emerging — Technology — Highlighted Laggard



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