

Global Laggards

September 12, 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
SQM	Sociedad Quimica Y Minra	Basic Material	Chemicals-Agricultural	3,295	23,254	0.059	4	37	9	C-
DD	DuPont de Nemours Inc	Basic Material	Chemicals-Basic	53,324	251,656	0.010	6	56	22	D-
BVN	Buenaventura Comp Ads	Basic Material	Mining-Gold/Silver/Gems	3,776	18,046	0.024	3	19	28	E
TS	Tenaris Sa Adr	Basic Material	Steel-Producers	13,293	60,689	0.026	6	56	19	E
ATI	Allegheny Technologies	Basic Material	Steel-Specialty Alloys	2,651	36,327	0.126	6	13	18	D-
ERJ	Embraer Sa Adr	Capital Equipment	Aerospace/Defense	3,569	11,541	0.014	4	8	28	D+
BA	Boeing Co	Capital Equipment	Aerospace/Defense	212,080	1,718,596	0.010	6	43	80	B-
TXT	Textron Inc	Capital Equipment	Aerospace/Defense	11,769	83,904	0.028	5	71	32	B+
GVA	Granite Construction Inc	Capital Equipment	Bldg-Heavy Construction	1,503	19,885	0.090	7	2	10	D+
PWR	Quanta Services Inc	Capital Equipment	Bldg-Heavy Construction	5,362	49,349	0.034	7	69	76	B+
ROL	Rollins Inc	Capital Equipment	Bldg-Maintenance & Svc	11,377	50,711	0.051	5	73	20	B+
R	Ryder System Inc	Capital Equipment	Comml Svcs-Leasing	2,843	28,405	0.062	6	53	25	B
GATX	G A T X Corp	Capital Equipment	Comml Svcs-Leasing	2,824	18,453	0.167	6	61	63	B
UHAL	Amerco	Capital Equipment	Comml Svcs-Leasing	7,347	18,992	0.030	7	65	49	B+
KFY	Korn Ferry	Capital Equipment	Comml Svcs-Staffing	2,114	15,919	0.016	5	79	14	C
OI	Owens Illinois Inc	Capital Equipment	Containers/Packaging	1,620	19,170	0.033	7	40	5	D+
SON	Sonoco Products Co	Capital Equipment	Containers/Packaging	5,969	28,005	0.034	5	74	37	D
BERY	Berry Global Group Inc	Capital Equipment	Containers/Packaging	5,218	58,175	0.028	9	76	12	D
SEE	Sealed Air Corp	Capital Equipment	Containers/Packaging	6,402	54,317	0.048	4	80	49	B-
CR	Crane Co	Capital Equipment	Diversified Operations	4,954	26,450	0.010	5	76	45	B
BRKA	Berkshire Hathaway Cl A	Capital Equipment	Diversified Operations	225,873	63,246	0.001	3	25	54	B
JEF	Jefferies Financial Grp	Capital Equipment	Diversified Operations	6,022	32,052	0.021	4	85	66	C
EMR	Emerson Electric Co	Capital Equipment	Diversified Operations	40,166	195,033	0.012	5	55	40	C+
BRKB	Berkshire Hathaway Cl B	Capital Equipment	Diversified Operations	290,341	803,187	0.008	4	54	54	B-
MMM	Three M Company	Capital Equipment	Diversified Operations	98,350	474,439	0.016	5	52	21	B-
GE	General Electric Co	Capital Equipment	Diversified Operations	82,340	673,788	0.015	5	34	37	D-
NVT	Nvent Electric Plc	Capital Equipment	Electrical-Power/Equipmt	3,823	26,865	0.019	5	92	25	C+
ABB	A B B Ltd	Capital Equipment	Electrical-Power/Equipmt	43,236	45,080	0.002	3	52	49	B+
ROK	Rockwell Automation Inc	Capital Equipment	Electrical-Power/Equipmt	19,553	160,619	0.021	4	76	37	B-
RBC	Regal Beloit Corp	Capital Equipment	Electrical-Power/Equipmt	3,269	22,018	0.020	6	64	37	D+
ENS	Energysys	Capital Equipment	Electrical-Power/Equipmt	2,736	18,490	0.026	4	78	25	C
CAT	Caterpillar Inc	Capital Equipment	Machinery-Constr/Mining	74,177	562,824	0.014	7	59	54	B
CNHI	C N H Industrial Nv	Capital Equipment	Machinery-Constr/Mining	14,830	18,839	0.008	5	77	76	B+
TEX	Terex Corp	Capital Equipment	Machinery-Constr/Mining	1,962	28,578	0.095	7	44	23	D+
RXN	Rexnord Corp	Capital Equipment	Machinery-Gen Industrial	3,024	18,181	0.056	4	73	58	B

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GGG	Graco Inc	Capital Equipment	Machinery-Gen Industrial	7,812	21,748	0.015	5	72	37	D+
FTV	Fortive Corporation	Capital Equipment	Machinery-Gen Industrial	23,556	134,756	0.025	5	77	22	D
CFX	Colfax Corp	Capital Equipment	Machinery-Gen Industrial	3,609	39,031	0.166	3	78	85	C+
FLS	Flowserve Corp	Capital Equipment	Machinery-Gen Industrial	6,292	50,905	0.040	5	72	45	D
GDI	Gardner Denver Holdings	Capital Equipment	Machinery-Gen Industrial	6,227	45,121	0.039	5	25	78	C
AIMC	Altra Industrial Motion	Capital Equipment	Machinery-Gen Industrial	1,907	13,886	0.031	5	67	21	B-
PNR	Pentair plc	Capital Equipment	Machinery-Gen Industrial	6,398	50,736	0.028	5	33	37	B-
PRLB	Proto Labs Inc	Capital Equipment	Machinery-Mtl Hdlg/Autmn	2,923	21,427	0.092	6	63	28	B
SSYS	Stratasys Ltd	Capital Equipment	Machinery-Mtl Hdlg/Autmn	1,347	15,847	0.120	7	52	84	D
KMT	Kennametal Inc	Capital Equipment	Machinery-Tools & Rel	2,741	26,055	0.030	5	55	30	A-
LECO	Lincoln Electric Hldgs	Capital Equipment	Machinery-Tools & Rel	5,453	35,041	0.035	4	61	71	B
XYL	Xylem Inc	Capital Equipment	Machinery-Tools & Rel	14,240	57,438	0.022	5	72	63	C+
HSC	Harsco Corp	Capital Equipment	Metal Proc & Fabrication	1,618	19,763	0.048	6	52	13	C+
B	Barnes Group Inc	Capital Equipment	Metal Proc & Fabrication	2,660	10,479	0.012	6	54	23	A
KALU	Kaiser Aluminum Corp	Capital Equipment	Metal Proc & Fabrication	1,595	11,609	0.027	6	77	58	B+
CMC	Commercial Metals Co	Capital Equipment	Metal Proc & Fabrication	2,203	22,611	0.081	5	88	81	B
TKR	Timken Co	Capital Equipment	Metal Proc & Fabrication	3,389	29,591	0.017	6	89	45	B-
SRCL	Stericycle Inc	Capital Equipment	Pollution Control	4,690	49,745	0.134	3	22	74	C+
DCI	Donaldson Co	Capital Equipment	Pollution Control	6,686	24,661	0.043	3	68	63	B-
TRN	Trinity Industries Inc	Capital Equipment	Transportation-Equip Mfg	2,540	26,417	0.108	4	65	25	A-
WAB	Wabtec Corp	Capital Equipment	Transportation-Equip Mfg	13,929	160,156	0.140	5	66	32	D+
OSK	Oshkosh Corp	Capital Equipment	Trucks & Parts-Hvy Duty	5,213	44,480	0.038	6	94	66	B
NAV	Navistar Intl Corp	Capital Equipment	Trucks & Parts-Hvy Duty	2,927	15,047	0.026	6	14	27	A-
UA	Under Armour Inc Cl C	Consumer Cyclical	Apparel-Clothing Mfg	4,380	42,085	0.049	8	58	28	D
DAN	Dana Incorporated	Consumer Cyclical	Auto/Truck-Original Eqp	2,088	29,621	0.034	6	85	21	D
AOS	Smith A O Corp	Consumer Cyclical	Bldg-A/C & Heating Prds	7,113	95,188	0.065	4	70	71	B+
FIX	Comfort Systems U S A	Consumer Cyclical	Bldg-A/C & Heating Prds	1,510	14,985	0.016	6	87	15	A
MHK	Mohawk Industries Inc	Consumer Cyclical	Bldg-Constr Prds/Misc	9,110	99,353	0.072	5	47	22	B-
GCP	G C P Applied Tech Inc	Consumer Cyclical	Bldg-Constr Prds/Misc	1,454	8,693	0.036	5	39	10	D+
SNA	Snap On Inc	Consumer Cyclical	Bldg-Hand Tools	8,987	64,297	0.158	6	81	40	C-
ENR	Energizer Holdings Inc	Consumer Cyclical	Consumer Prod-Specialty	3,127	46,754	0.191	6	29	35	A-
APHA	Aphria Inc	Consumer Cyclical	Consumer Prod-Specialty	1,707	33,544	0.128	6	36	20	D-
CRON	Cronos Group Inc	Consumer Cyclical	Consumer Prod-Specialty	2,052	47,211	0.217	5	77	12	B-
CGC	Canopy Growth Corp	Consumer Cyclical	Consumer Prod-Specialty	9,392	133,161	0.100	5	1	6	C
ATGE	Adtalem Global Education	Consumer Cyclical	Consumer Svcs-Education	2,213	15,729	0.073	4	62	19	D-
WYNN	Wynn Resorts Ltd	Consumer Cyclical	Leisure-Gaming/Equip	12,798	236,848	0.048	6	30	35	D+
NFLX	Nefflix Inc	Consumer Cyclical	Leisure-Movies & Related	127,519	2,187,047	0.051	7	80	18	E

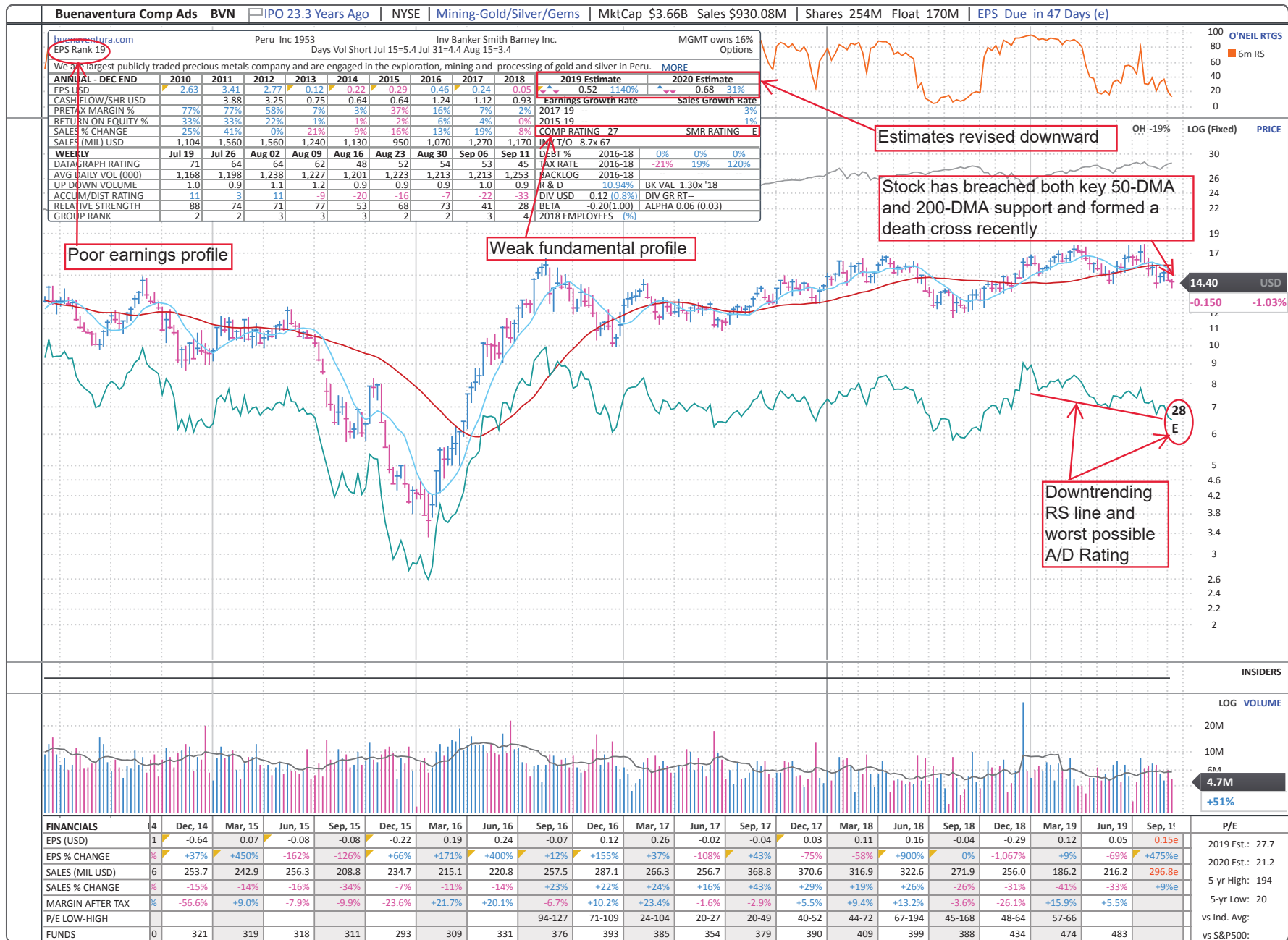
Symbol	Name	Sector Name	Industry Group Name	Market Value, USD (Mil)	Avg Daily Dollar Vol (000), USD	Short Interest, % of Float	Negative Alert Score, 10 Wks	EPS Rank	RS Rating	A/D Rating
HTZ	Hertz Global Holdings	Consumer Cyclical	Leisure-Services	2,078	57,642	0.219	5	63	18	D+
MSG	Madison Square Garden Co	Consumer Cyclical	Leisure-Services	5,010	55,999	0.032	5	28	21	E
CAR	Avis Budget Group Inc	Consumer Cyclical	Leisure-Services	2,219	33,051	0.095	5	66	28	C-
PLNT	Planet Fitness Inc Cl A	Consumer Cyclical	Leisure-Services	5,394	84,562	0.054	3	98	45	D+
MAT	Mattel Inc	Consumer Cyclical	Leisure-Toys/Games/Hobby	3,820	55,481	0.221	4	48	16	C-
MSGN	M S G Networks Inc	Consumer Cyclical	Media-Radio/Tv	1,060	10,890	0.180	4	52	11	D+
AMCX	Amc Networks Inc	Consumer Cyclical	Media-Radio/Tv	2,284	25,402	0.235	4	91	22	C
HLF	Herbalife Nutrition Ltd	Consumer Staple	Cosmetics/Personal Care	6,299	79,502	0.078	5	38	14	B
IFF	Intl Flavors & Fragrance	Consumer Staple	Cosmetics/Personal Care	13,471	150,059	0.113	7	38	25	A-
CLX	Clorox Co	Consumer Staple	Soap & Cng Preparatns	20,040	151,635	0.067	3	80	49	D-
ARCH	Arch Coal Inc	Energy	Energy-Coal	1,346	20,699	0.166	6	71	27	D+
APY	Apergy Corporation	Energy	Oil&Gas-Drilling	2,250	16,805	0.026	5	22	16	C
MRO	Marathon Oil Corp	Energy	Oil&Gas-Integrated	10,175	138,445	0.027	6	74	16	C-
GTLS	Chart Industries Inc	Energy	Oil&Gas-Machinery/Equip	2,439	29,698	0.082	6	73	23	C-
COG	Cabot Oil & Gas Corp	Energy	Oil&Gas-U S Expl&Prod	7,901	151,147	0.063	8	77	12	C-
BBD	Banco Bradesco Sa Adr pf	Financial	Banks-Foreign	21,184	116,775	0.007	8	86	63	C+
SMFG	Sumitomo Mitsui Finl Adr	Financial	Banks-Money Center	49,011	16,830	0.000	6	41	37	D-
CIT	C I T Group Inc	Financial	Finance-Commercial Loans	4,356	31,635	0.040	4	99	30	D+
ADS	Alliance Data Sys Corp	Financial	Finance-CrdtCard/PmtPr	6,901	159,358	0.081	6	66	14	D
SQ	Square Inc Cl A	Financial	Finance-CrdtCard/PmtPr	20,254	512,956	0.095	3	75	14	D-
IBKR	Interactive Brokers Grp	Financial	Finance-Invest Bnk/Bkrs	3,880	24,376	0.000	4	66	28	D-
BEN	Franklin Resources Inc	Financial	Finance-Investment Mgmt	14,941	94,339	0.070	6	34	23	C-
PGRE	Paramount Group Inc	Financial	Finance-Property REIT	3,159	16,428	0.018	4	77	28	C
JBG	JBG Smith Properties	Financial	Finance-Property REIT	5,206	18,143	0.012	7	27	45	C
UNM	Unum Group	Financial	Insurance-Acc & Health	6,023	63,870	0.039	6	75	20	C+
AEL	Amer Equity Invstmt Life	Financial	Insurance-Life	2,152	10,988	0.013	5	87	14	C-
RDFN	Redfin Corporation	Financial	Real Estate Dvlpmnt/Ops	1,649	16,926	0.197	2	5	37	C
PINC	Premier Inc Cl A	Health Care	Comml Svcs-Healthcare	2,173	16,027	0.091	5	79	27	B-
REGN	Regeneron Pharmaceutical	Health Care	Medical-Biomed/Biotech	30,717	206,576	0.033	6	83	13	C+
BLUE	Bluebird Bio Inc	Health Care	Medical-Biomed/Biotech	5,459	55,574	0.163	4	11	13	E
SUPN	Supernus Pharmaceuticals	Health Care	Medical-Biomed/Biotech	1,462	14,181	0.141	5	79	12	B-
ANAB	Anaptysbio Inc	Health Care	Medical-Biomed/Biotech	1,166	11,447	0.201	3	9	5	C-
ESPR	Esperion Therapeutics	Health Care	Medical-Biomed/Biotech	963	16,115	0.243	5	32	9	C
IRWD	Ironwood Pharma Cl A	Health Care	Medical-Biomed/Biotech	1,491	18,288	0.168	5	69	17	B-
QURE	Uniqure N.V.	Health Care	Medical-Biomed/Biotech	2,053	28,318	0.081	4	10	35	C-
ZGNX	Zogenix Inc	Health Care	Medical-Biomed/Biotech	1,796	21,426	0.201	3	21	35	C-
AMRN	Amarin Corp Plc Adr	Health Care	Medical-Biomed/Biotech	6,014	173,617	0.136	3	61	99	D

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SRPT	Sarepta Therapeutics Inc	Health Care	Medical-Biomed/Biotech	6,552	150,100	0.197	6	1	7	D
GWPH	G W Pharmaceuticals Adr	Health Care	Medical-Biomed/Biotech	4,560	69,555	0.134	4	62	35	B
BOLD	Audentes Therapeutics	Health Care	Medical-Biomed/Biotech	1,417	11,612	0.045	4	10	37	C-
EXEL	Exelixis Inc	Health Care	Medical-Biomed/Biotech	5,867	48,760	0.052	6	18	30	C+
INVA	Innoviva Inc	Health Care	Medical-Biomed/Biotech	1,167	6,931	0.175	6	64	12	D+
BPMC	Blueprint Medicines Corp	Health Care	Medical-Biomed/Biotech	3,753	32,695	0.059	4	3	49	E
FOLD	Amicus Therapeutics Inc	Health Care	Medical-Biomed/Biotech	2,506	35,399	0.120	4	9	17	C
AGIO	Agios Pharmaceuticals	Health Care	Medical-Biomed/Biotech	2,173	21,285	0.240	3	14	7	D+
PCRX	Pacira Biosciences Inc	Health Care	Medical-Biomed/Biotech	1,556	20,276	0.084	5	76	18	D+
RGNX	Regenxbio Inc	Health Care	Medical-Biomed/Biotech	1,503	20,324	0.156	6	5	8	C+
ALXN	Alexion Pharmaceuticals	Health Care	Medical-Biomed/Biotech	24,318	271,215	0.020	6	93	21	D+
FGEN	Fibrogen Inc	Health Care	Medical-Biomed/Biotech	3,758	23,322	0.073	3	45	28	C-
BGNE	Beigene Ltd Ads	Health Care	Medical-Biomed/Biotech	7,783	38,014	0.064	4	26	27	D-
BMRN	Biomarin Pharmaceutical	Health Care	Medical-Biomed/Biotech	12,914	80,364	0.050	4	33	13	D-
RARE	Ultragenyx Pharma	Health Care	Medical-Biomed/Biotech	2,587	22,577	0.124	5	6	10	D
ENTA	Enanta Pharmaceuticals	Health Care	Medical-Biomed/Biotech	1,383	13,012	0.153	4	8	12	C-
LLY	Eli Lilly & Co	Health Care	Medical-Diversified	107,424	420,234	0.017	7	71	35	D+
JNJ	Johnson & Johnson	Health Care	Medical-Diversified	345,308	982,594	0.006	4	81	27	D-
PFE	Pfizer Inc	Health Care	Medical-Ethical Drugs	206,087	976,008	0.010	7	74	19	D-
BHC	Bausch Health Companies	Health Care	Medical-Ethical Drugs	8,255	65,862	0.031	4	58	49	B
ENSG	Ensign Group Inc	Health Care	Medical-Long-term Care	2,623	12,390	0.021	3	91	63	C
CI	Cigna Corp	Health Care	Medical-Managed Care	39,431	334,805	0.025	6	79	28	C
ANTM	Anthem Inc	Health Care	Medical-Managed Care	64,696	345,113	0.017	8	85	21	D-
CNC	Centene Corp	Health Care	Medical-Managed Care	19,133	212,232	0.071	4	99	11	C+
UNH	Unitedhealth Group Inc	Health Care	Medical-Managed Care	221,417	855,569	0.008	6	95	25	D
MGLN	Magellan Health Inc	Health Care	Medical-Managed Care	1,556	15,213	0.029	4	24	49	B
MOH	Molina Healthcare Inc	Health Care	Medical-Managed Care	7,434	60,432	0.034	8	86	14	E
FMS	Fresenius Medical Ads	Health Care	Medical-Outpnt/Hm Care	21,083	7,579	0.000	5	48	20	C
WMGI	Wright Medical Group Nv	Health Care	Medical-Products	2,716	55,859	0.115	8	77	7	C-
QGEN	Qiagen Nv	Health Care	Medical-Products	7,633	26,327	0.019	6	61	21	D-
CDNA	Caredx Inc	Health Care	Medical-Products	906	20,487	0.090	6	66	6	E
ALGN	Align Technology Inc	Health Care	Medical-Products	14,665	258,114	0.051	5	77	6	D-
MMSI	Merit Medical Systems	Health Care	Medical-Products	1,523	24,436	0.068	7	87	2	E
ATRI	Atrion Corporation	Health Care	Medical-Products	1,474	12,947	0.076	7	79	45	B-
ICUI	I C U Medical Inc	Health Care	Medical-Products	3,307	36,173	0.042	5	81	6	C
PKI	Perkinelmer Inc	Health Care	Medical-Research Eqp/Svc	9,686	59,446	0.040	7	81	28	C-
MYGN	Myriad Genetics	Health Care	Medical-Research Eqp/Svc	2,032	37,643	0.144	4	51	22	C

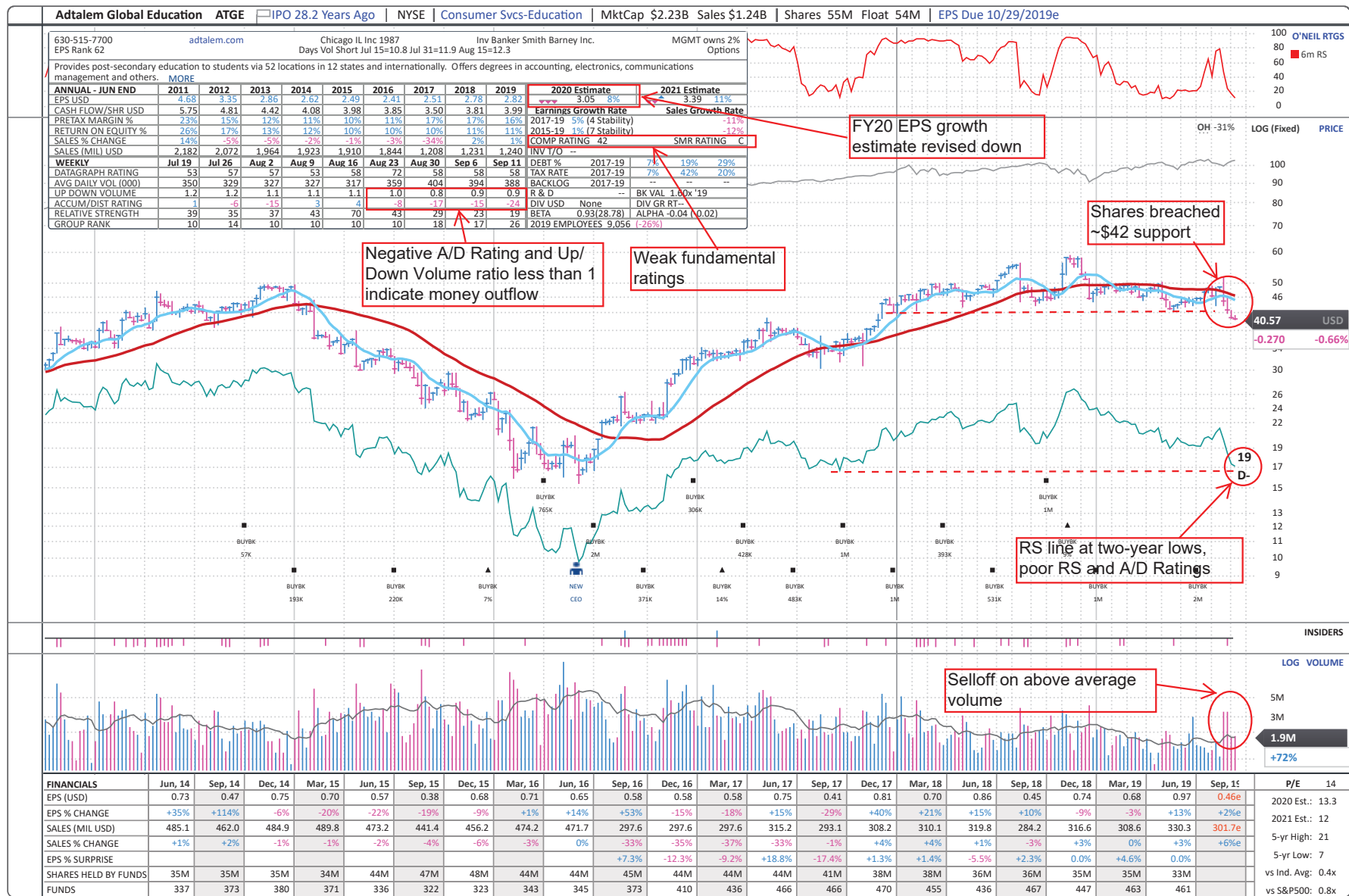
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BEAT	BioTelemetry Inc	Health Care	Medical-Services	1,419	15,243	0.070	4	92	9	C-
VAR	Varian Medical Systems	Health Care	Medical-Systems/Equip	10,961	82,280	0.023	7	63	25	C+
TXRH	Texas Roadhouse Inc	Retail	Retail-Restaurants	3,704	49,255	0.073	6	72	22	D-
DPZ	Dominos Pizza Inc	Retail	Retail-Restaurants	10,219	245,403	0.088	6	96	27	D
ULTA	Ulta Beauty Inc	Retail	Retail-Specialty	13,416	312,315	0.058	6	96	10	D
MNRO	Monro Inc	Retail	Retail/Whlsle-Auto Parts	2,599	25,757	0.148	5	57	37	D
CTXS	Citrix Systems Inc	Technology	Comp Sftwr-Spec Enterprs	12,691	202,582	0.075	7	65	28	D
ALRM	Alarm.com Holdings Inc	Technology	Comp Sftwr-Spec Enterprs	2,411	20,039	0.200	6	91	21	E
WK	Workiva Inc Cl A	Technology	Computer Sftwr-Database	1,593	19,847	0.041	6	77	27	E
NEWR	New Relic Inc	Technology	Computer Sftwr-Database	3,536	81,520	0.065	6	68	5	C-
ADSK	Autodesk Inc	Technology	Computer Sftwr-Design	34,671	354,148	0.020	4	77	49	C+
PTC	P T C Inc	Technology	Computer Sftwr-Design	7,719	92,749	0.057	7	19	9	D
INST	Instructure Inc	Technology	Computer Sftwr-Edu/Media	1,467	15,993	0.166	4	43	37	C-
SPOT	Spotify Technology S A	Technology	Computer Sftwr-Edu/Media	23,837	156,433	0.059	5	49	22	D-
TLND	Talend S A Ads	Technology	Computer Sftwr-Enterprse	1,198	11,916	0.050	4	5	14	D+
SMAR	Smartsheet Inc Cl A	Technology	Computer Sftwr-Enterprse	3,606	65,414	0.057	2	21	85	D
BB	BlackBerry Limited	Technology	Computer Sftwr-Enterprse	4,088	27,460	0.039	4	29	16	B-
TWLO	Twilio Inc Cl A	Technology	Computer Sftwr-Enterprse	13,875	418,055	0.107	2	43	32	E
EVBG	Everbridge Inc	Technology	Computer Sftwr-Enterprse	2,347	37,252	0.078	3	45	45	E
LOGM	Logmein Inc	Technology	Computer Sftwr-Enterprse	3,477	28,488	0.046	5	78	22	B-
EPAY	Bottomline Technologies	Technology	Computer Sftwr-Financial	1,860	10,340	0.018	5	47	15	C
VRNT	Verint Systems Inc	Technology	Computer Sftwr-Security	3,111	25,338	0.061	5	70	21	C-
MIME	Mimecast Limited	Technology	Computer Sftwr-Security	2,484	16,208	0.014	3	77	28	D
SIMO	Silicon Motion Tech Ads	Technology	Computer-Data Storage	1,279	11,763	0.016	7	45	17	D+
HPQ	H P Inc	Technology	Computer-Hardware/Perip	28,127	170,724	0.012	5	54	22	E
CSCO	Cisco Systems Inc	Technology	Computer-Networking	213,823	933,290	0.009	7	88	35	C-
JNPR	Juniper Networks Inc	Technology	Computer-Networking	8,459	75,390	0.038	7	42	22	D-
ANET	Arista Networks Inc	Technology	Computer-Networking	19,117	195,079	0.030	6	99	35	D+
RAMP	Liveramp Holdings Inc	Technology	Computer-Tech Services	3,114	24,748	0.061	6	2	22	C-
TRMB	Trimble Inc	Technology	Elec-Misc Products	9,749	40,360	0.016	6	55	30	D
REZI	Resideo Technologies Inc	Technology	Elec-Misc Products	1,949	18,771	0.068	4	51	9	D-
GLW	Corning Inc	Technology	Elec-Misc Products	23,360	158,987	0.029	5	88	25	C+
SMTc	Semtech Corporation	Technology	Elec-Semiconductor Fabllss	3,199	24,701	0.027	6	65	35	D-
SWKS	Skyworks Solutions Inc	Technology	Elec-Semiconductor Mfg	14,281	148,907	0.042	4	59	80	B-
APH	Amphenol Corp Cl A	Technology	Electronic-Parts	27,395	127,670	0.009	9	78	37	C
ZG	Zillow Group Inc Cl A	Technology	Internet-Content	1,907	29,174	0.086	5	5	13	D+
Z	Zillow Group Inc Cl C	Technology	Internet-Content	4,505	94,830	0.178	6	5	12	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
WUBA	58.com Inc Cl A Ads	Technology	Internet-Content	6,807	47,159	0.032	5	72	27	D
UPWK	Upwork Inc	Technology	Internet-Content	1,694	13,151	0.077	5	77	20	C
RCI	Rogers Communicatns Cl B	Technology	Telecom Svcs- Foreign	20,383	18,758	0.019	6	64	32	C
TDS	Telephone & Data Sys Inc	Technology	Telecom Svcs-Wireless	2,928	19,614	0.027	8	67	19	D-
UI	Ubiquiti Inc	Technology	Telecom-Infrastructure	8,104	43,213	0.000	7	96	35	C
DY	Dycom Inds Inc	Technology	Telecom-Infrastructure	1,611	18,589	0.079	5	57	21	B-
JBLU	Jetblue Airways Corp	Transportation	Transportation-Airline	5,112	73,187	0.055	3	77	28	C-
AAL	American Airlines Group	Transportation	Transportation-Airline	13,380	201,764	0.053	5	38	21	C-
SAVE	Spirit Airlines Inc	Transportation	Transportation-Airline	2,643	47,225	0.055	6	89	10	C-
NJR	New Jersey Resources	Utility	Utility-Gas Distribution	4,077	16,739	0.036	5	17	25	C

U.S. — Basic Material — Highlighted Laggard



U.S. — Consumer Cyclical — Highlighted Laggard



PANARAY® 2019 WILLIAM O'NEIL + CO. INC.

Adtalem Global Education (ATGE) Weekly as of Wed, September 11, 2019

Netflix Inc **NFLX** IPO 17.3 Years Ago NASDAQ Leisure-Movies & Related MktCap \$126.09B Sales \$17.63B Shares 438M Float 420M EPS Due 10/14/2019

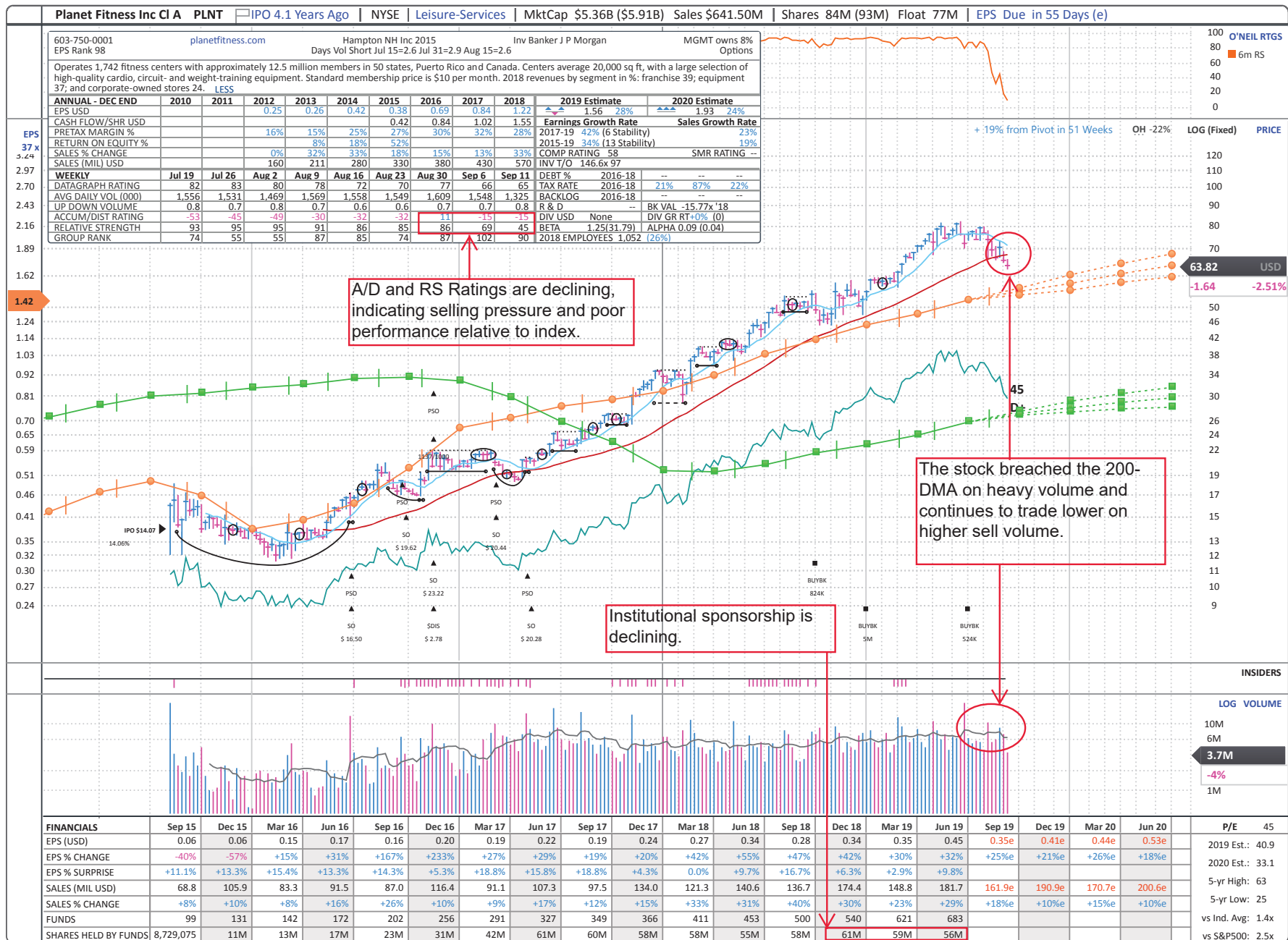
408-540-3700
EPS Rank 80 netflix.com Los Gatos CA Inc 1997 Days Vol Short Jul 15=3.4 Jul 31=3.2 Aug 15=2.9 Inv Banker Lehman Brothers MGMT owns 4% Options

Provides internet subscription services to watch TV shows and movies to more than 139 million subscribers via netflix.com MORE

	ANNUAL - DEC END	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019 Estimate	2020 Estimate		
EPS USD		0.42	0.59	0.04	0.30	0.53	0.31	0.43	1.25	2.68	3.26	22%	5.68	74%
CASH FLOW/SHR USD		1.35	2.75	4.42	5.68	7.12	8.60	11.89	15.90	20.31	Earnings Growth Rate	Sales Growth Rate		
PRETAX MARGIN %		12%	11%	11%	4%	6%	3%	3%	4%	8%	2017-19 12% (21 Stability)	2018-19 33%		
RETURN ON EQUITY %		66%	48%	2%	12%	14%	7%	8%	18%	27%	2015-19 57% (56 Stability)	30%		
SALES % CHANGE		29%	48%	13%	21%	26%	23%	30%	32%	35%	COMP RATING 46	SMR RATING B		
SALES (MIL) USD		2,163	3,205	3,609	4,375	5,505	6,780	8,831	12K	16K	INV T/O --			
WEEKLY		Jul 19	Jul 26	Aug 2	Aug 9	Aug 16	Aug 23	Aug 30	Sep 6	Sep 13	Sep 20			
DATAGRAPH RATING		38	44	44	43	44	44	42	41	41	40			
AVG DAILY VOL (000)		6,307	6,892	6,989	7,221	7,351	7,362	7,287	7,302	7,539	7,539			
UP/DOWN VOLUME		0.7	0.8	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5			
ACCUM/ONT RATING		-34	-31	-31	-31	-30	-30	-31	-31	-31	-31			
RELATIVE STRENGTH		25	35	31	30	35	31	26	23	20	BETA 1.75(46.12)	ALPHA -0.08 (-0.03)		
GROUP RANK		157	158	161	143	140	152	135	135	164	2018 EMPLOYEES 7,100 (29%)			

	Mar, 15	Jun, 15	Sep, 15	Dec, 15	Mar, 16	Jun, 16	Sep, 16	Dec, 16	Mar, 17	Jun, 17	Sep, 17	Dec, 17	Mar, 18	Jun, 18	Sep, 18	Dec, 18	Mar, 19	Jun, 19	Sep, 19	Dec, 19	Mar, 20	Jun, 20
FINANCIALS																						
EPS (USD)	0.11	0.06	0.07	0.07	0.06	0.09	0.12	0.15	0.40	0.15	0.29	0.41	0.64	0.85	0.89	0.30	0.76	0.60	1.04e	0.85e	1.33e	1.59e
EPS % CHANGE	-8%	-62%	-50%	-30%	-45%	+50%	+71%	+114%	+567%	+67%	+142%	+173%	+60%	+467%	+207%	-27%	+19%	-29%	+17%e	+183%e	+75%e	+165%e
SALES (MIL USD)	1,573.1	1,644.7	1,738.4	1,823.3	1,957.7	2,105.2	2,290.2	2,477.5	2,636.6	2,785.5	2,984.9	3,285.8	3,700.9	3,907.3	3,999.4	4,186.8	4,521.0	4,923.1	5,249.7e	5,528.3e	5,846.7e	6,144.5e
SALES % CHANGE	+24%	+23%	+23%	+23%	+24%	+28%	+32%	+36%	+35%	+32%	+30%	+33%	+40%	+40%	+34%	+27%	+22%	+26%	+31%e	+32%e	+29%e	+25%e
EPS % SURPRISE	-50.0%	+50.0%	-12.5%	+400.0%	+100.0%	+350.0%	+100.0%	+15.4%	+8.1%	-6.3%	-9.4%	0.0%	0.0%	+7.6%	+30.9%	+25.0%	+33.3%	+7.1%				
SHARES HELD BY FUNDS	250M	234M	223M	228M	244M	228M	224M	241M	232M	225M	234M	232M	220M	213M	209M	210M	218M	226M				
FUNDS	1,0																					

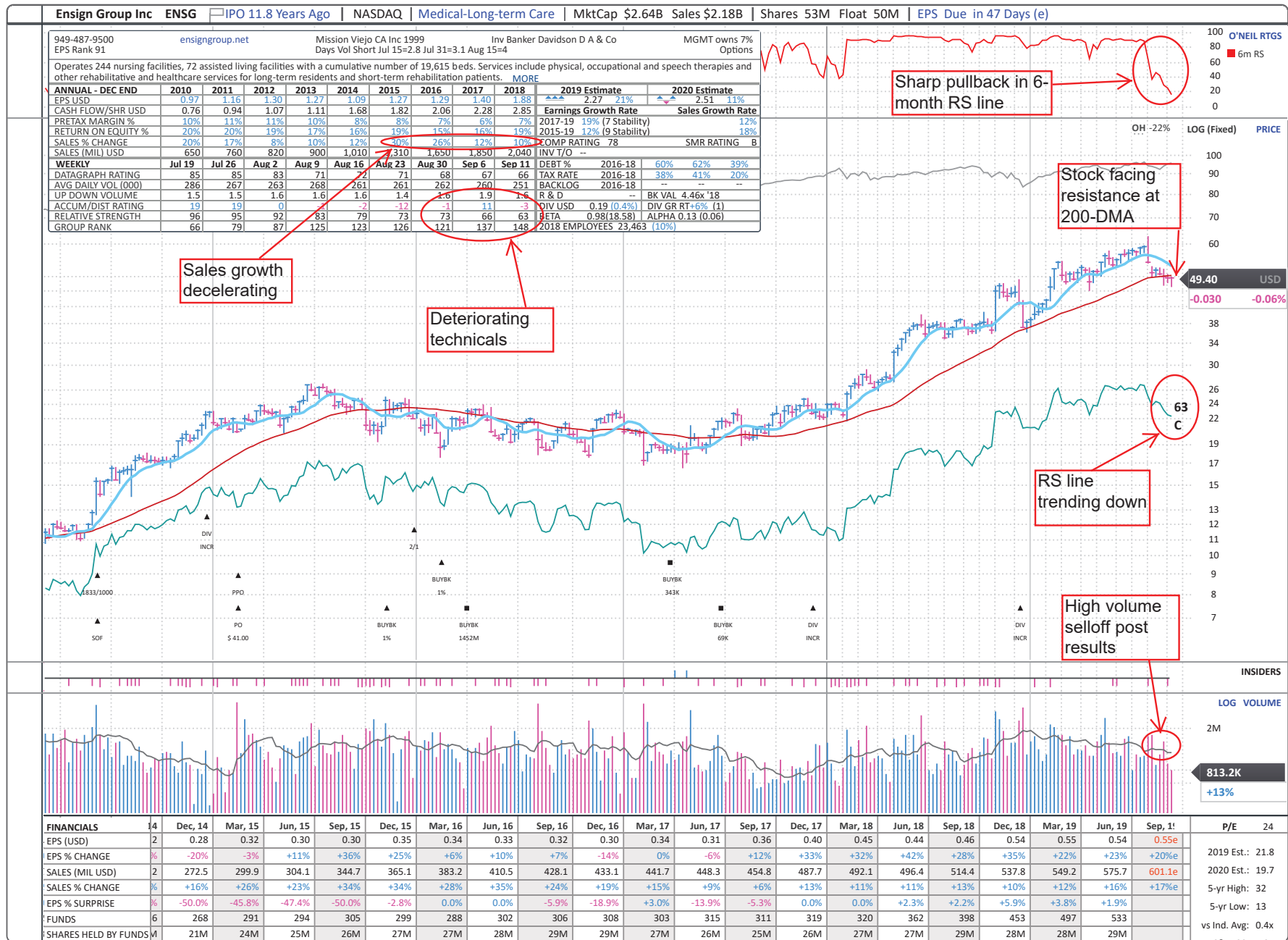
U.S. — Consumer Cyclical — Highlighted Laggard



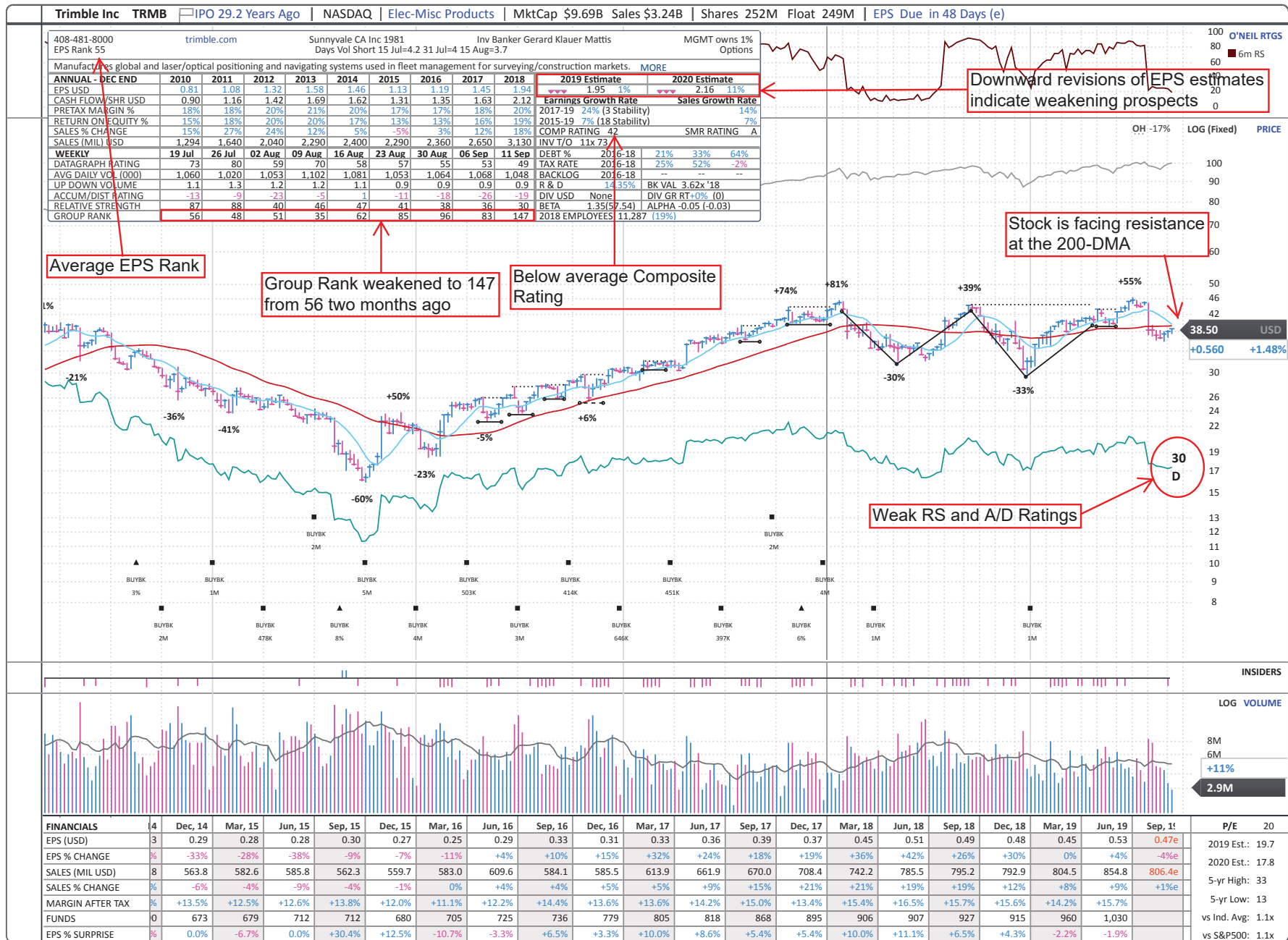
U.S.—Financial—Highlighted Laggard



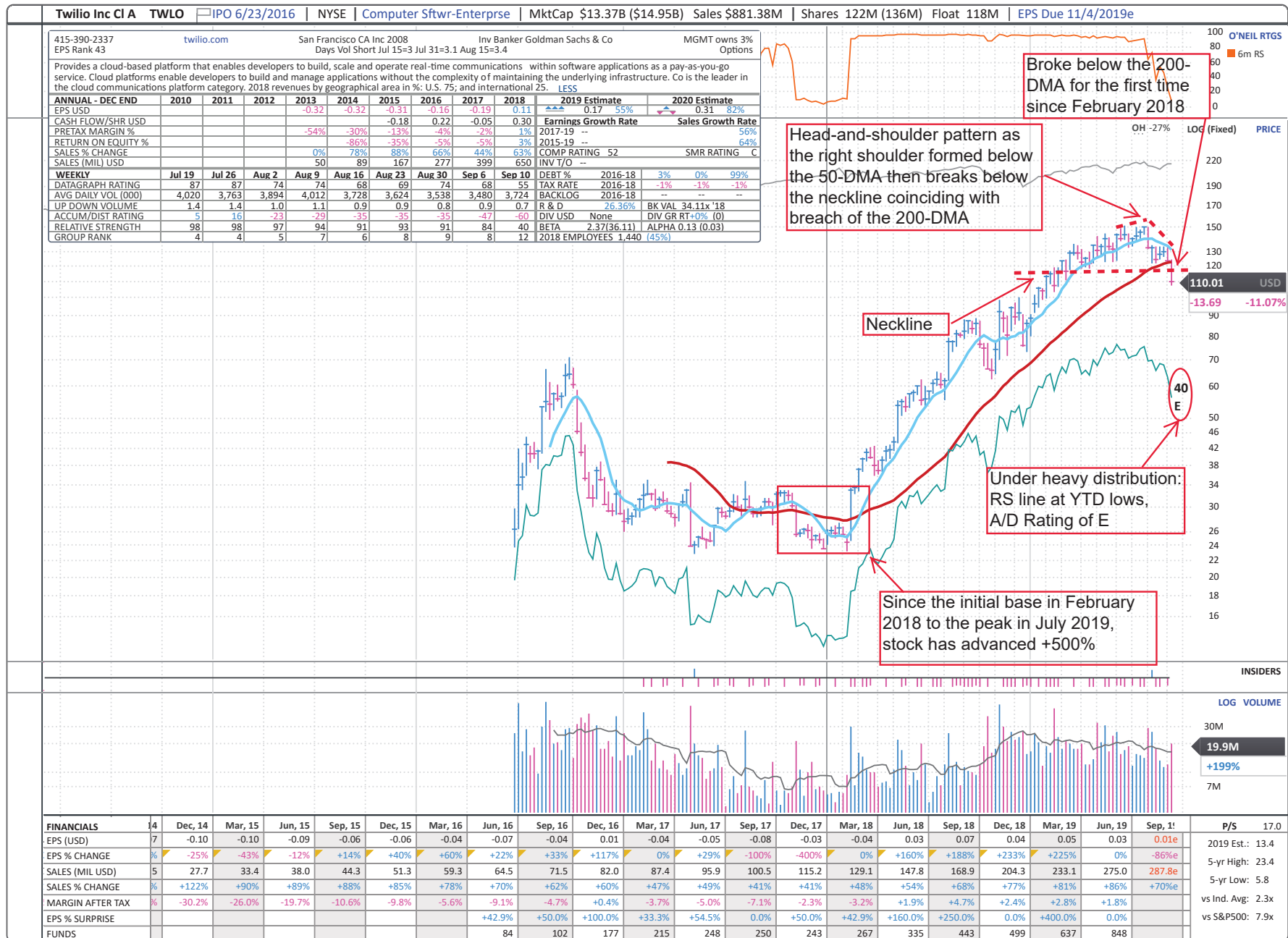
U.S. — Health Care — Highlighted Laggard



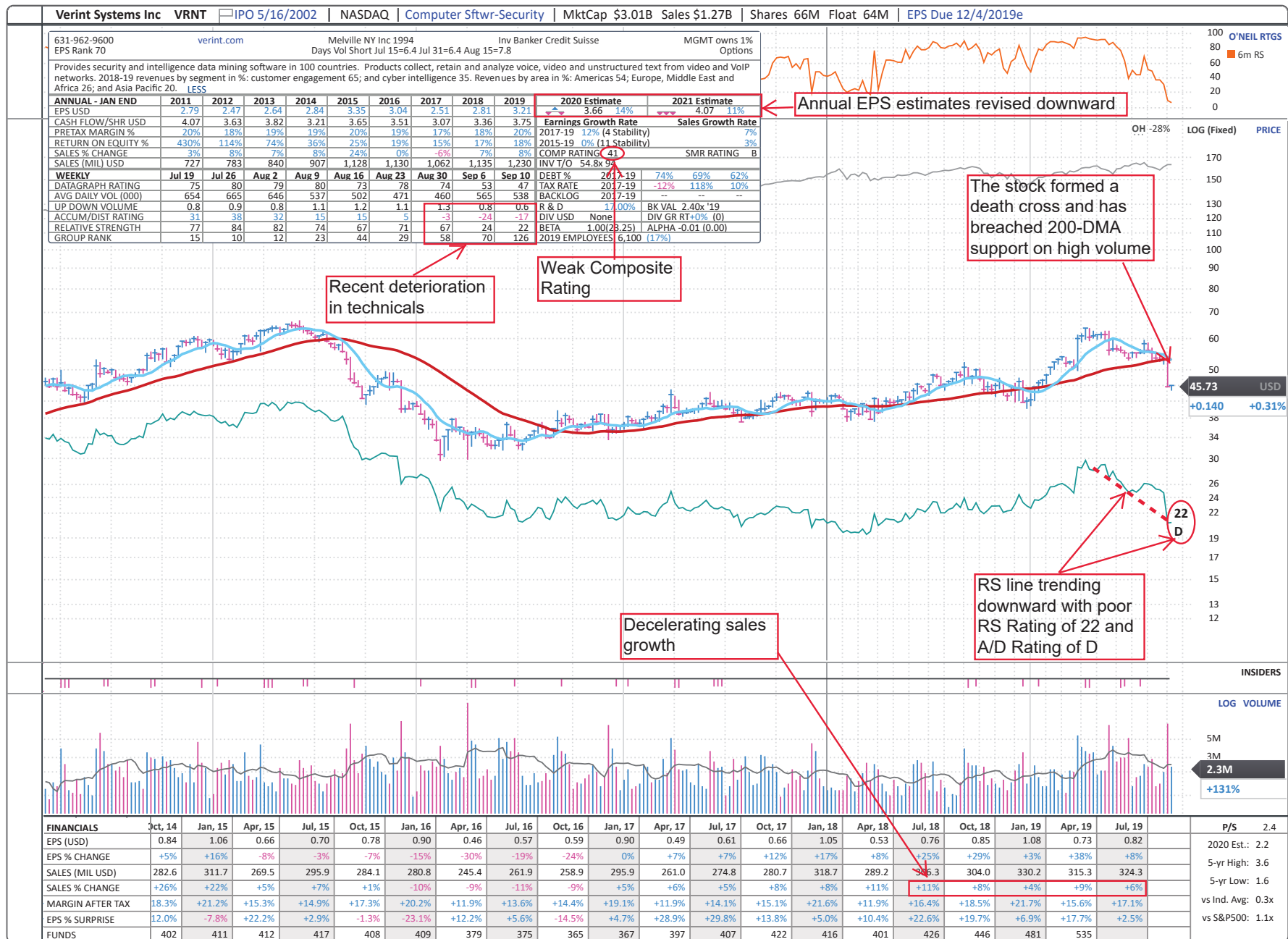
U.S.—Technology—Highlighted Laggard



U.S.—Technology—Highlighted Laggard



U.S. — Technology — Highlighted Laggard



Developed Markets

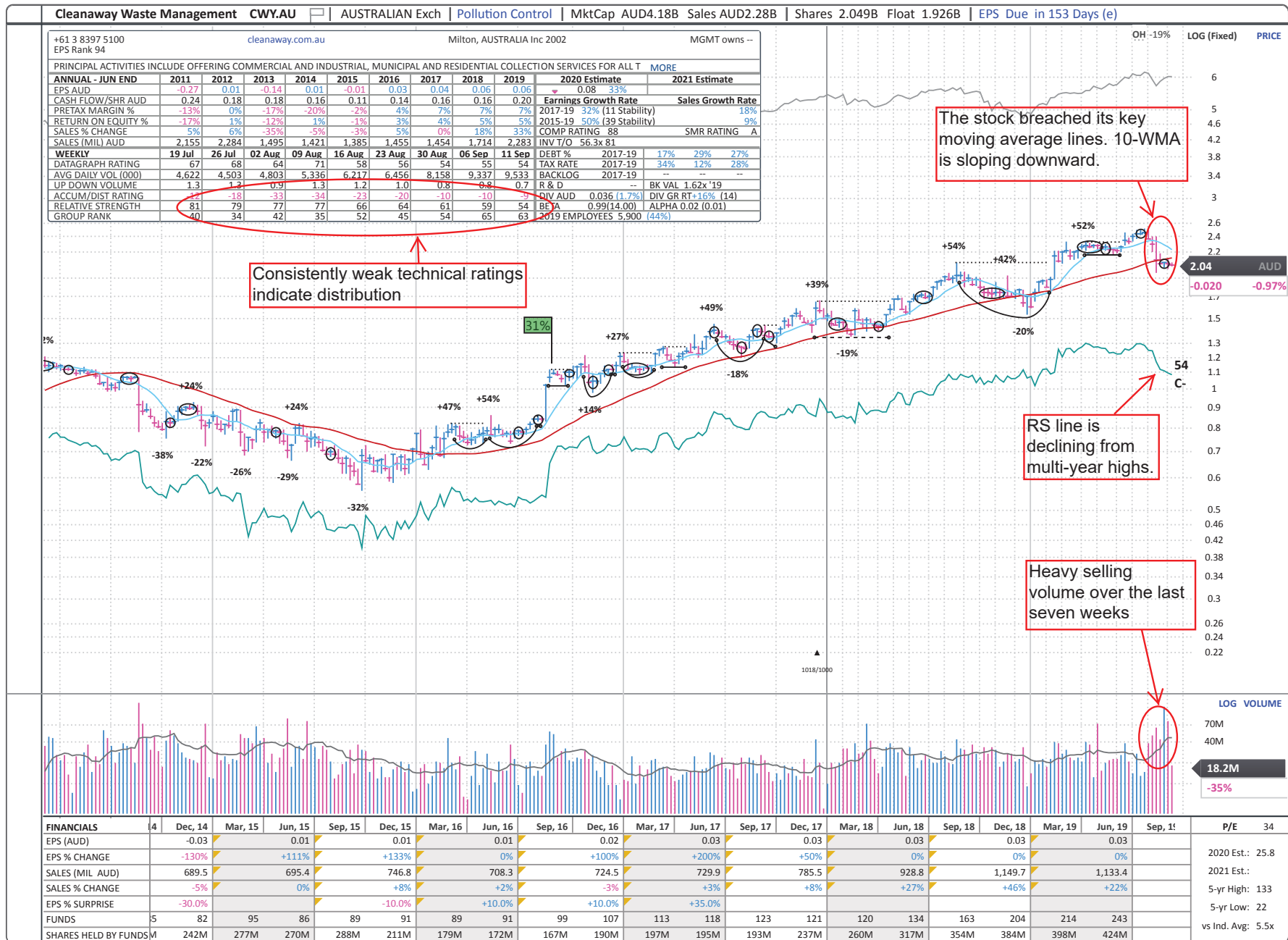
Symbol	Name	Trading Country	Sector Name	Industry Group Name	Market Value, USD (Mil)	Avg Daily Dollar Vol (000), USD	Negative Alert Score, 10 Wks	EPS Rank	RS Rating	A/D Rating
MIN.AU	Mineral Resources	Australia	Basic Material	Mining-Metal Ores	1,841	12,876	5	98	42	B-
BXB.AU	Brambles	Australia	Capital Equipment	Containers/Packaging	12,171	38,442	4	93	41	D
AMC.AU	Amcor Cdi	Australia	Capital Equipment	Containers/Packaging	10,639	39,203	3	61	46	C
ORA.AU	Orora	Australia	Capital Equipment	Containers/Packaging	2,375	10,360	5	64	32	C
CWY.AU	Cleanaway Waste Management	Australia	Capital Equipment	Pollution Control	2,894	13,342	5	94	54	C-
CTX.AU	Caltex Australia	Australia	Energy	Oil&Gas-Refining/Mktg	4,286	20,601	4	57	37	D
DXS.AU	Dexus Stapled Units	Australia	Financial	Finance-Property REIT	9,184	22,915	3	75	53	E
CPU.AU	Computershare	Australia	Technology	Computer-Tech Services	5,924	19,751	4	97	35	B-
AGL.AU	Agl Energy	Australia	Utility	Utility-Diversified	8,550	24,650	5	33	42	C-
UCB.BE	Ucb	Belgium	Health Care	Medical-Diversified	14,114	20,921	4	46	18	C-
SPA.CA	Spanish Mountain Gold	Canada	Basic Material	Mining-Gold/Silver/Gems	20	12	2	19	94	B+
SAP.CA	Saputo	Canada	Consumer Staple	Food-Misc Preparation	11,966	13,384	5	81	50	D
BMO.CA	Bank Of Montreal	Canada	Financial	Banks-Foreign	46,335	116,155	5	96	43	C+
FFH.CA	Fairfax Finl.Hdg.	Canada	Financial	Insurance-Prop/Cas/Titl	12,192	15,212	5	94	40	D
RCI/B.CA	Rogers Comms.'B'	Canada	Technology	Telecom Svcs-Wireless	20,444	44,148	4	88	42	D
ISS.DK	Iss	Denmark	Capital Equipment	Comml Svcs-Outsourcing	4,789	13,929	4	31	25	C-
LUN.DK	H Lundbeck	Denmark	Health Care	Medical-Diversified	7,230	10,377	4	57	17	C-
WDH.DK	Demant	Denmark	Health Care	Medical-Systems/Equip	7,235	15,428	4	51	29	C
GSN.DK	Gn Store Nord	Denmark	Health Care	Medical-Systems/Equip	5,834	16,999	5	91	29	E
VALM.FI	Valmet	Finland	Capital Equipment	Machinery-Gen Industrial	2,949	16,211	7	98	23	E
NEST.FI	Neste	Finland	Energy	Oil&Gas-Refining/Mktg	24,025	34,246	2	87	61	E
NOK1.FI	Nokia	Finland	Technology	Computer-Networking	28,609	70,726	3	20	41	C+
CSF.FR	Thales	France	Capital Equipment	Aerospace/Defense	25,241	34,312	4	88	39	D-
ADP.FR	Adp	France	Consumer Cyclical	Leisure-Services	17,446	11,221	5	93	32	C
UBI.FR	Ubisoft Entertainment Cat A	France	Consumer Cyclical	Leisure-Toys/Games/Hobby	8,935	22,641	3	43	34	C
TAL.FR	Total	France	Energy	Oil&Gas-Integrated	138,263	265,828	5	64	32	C
SCO.FR	Scor Se	France	Financial	Insurance-Brokers	7,652	14,567	5	33	32	D
IPN.FR	Ipsen	France	Health Care	Medical-Ethical Drugs	8,452	13,052	4	92	8	D-
ORA.FR	Orange	France	Technology	Telecom Svcs-Integrated	39,858	92,916	3	67	36	C-
SDFX.DE	K + S (Xet)	Germany	Basic Material	Chemicals-Agricultural	3,198	18,981	6	66	31	C-
EVKX.DE	Evonik Industries (Xet)	Germany	Basic Material	Chemicals-Specialty	12,366	18,606	6	37	41	C
SIEX.DE	Siemens (Xet)	Germany	Capital Equipment	Diversified Operations	91,020	243,895	6	45	35	C+
KBXX.DE	Knorr-Bremse Ag (Xet)	Germany	Capital Equipment	Machinery-Constr/Mining	16,283	12,098	6	71	52	B
AT1X.DE	Aroundtown (Xet)	Germany	Financial	Real Estate Dvlpmnt/Ops	9,355	22,470	5	55	30	D-
EVTX.DE	Evotec (Xet)	Germany	Health Care	Medical-Biomed/Biotech	3,289	27,175	5	85	45	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
FMEX.DE	Fresenius Med.Care (Xet)	Germany	Health Care	Medical-Hospitals	21,040	60,284	4	62	26	D+
FREX.DE	Fresenius (Xet)	Germany	Health Care	Medical-Hospitals	22,614	83,768	5	70	31	D
SHLX.DE	Siemens Healthineers (Xet)	Germany	Health Care	Medical-Systems/Equip	39,173	17,418	4	89	35	E
EOANX.DE	E On (Xet)	Germany	Utility	Utility-Diversified	21,002	83,118	7	13	30	D
FZM.HK	Zijin Mining Group 'H'	Hong Kong	Basic Material	Mining-Gold/Silver/Gems	2,086	11,124	4	59	70	D
CHGK.HK	Ck Hutchison Holdings	Hong Kong	Capital Equipment	Diversified Operations	35,714	60,159	5	44	54	B-
HENG.HK	Hengan Intl.Gp.	Hong Kong	Consumer Staple	Cosmetics/Personal Care	8,263	24,046	4	68	48	C-
HSBA.HK	Hang Seng Bank	Hong Kong	Financial	Banks-Money Center	43,265	43,746	6	70	54	C
CLIC.HK	New China Life Insurance 'H'	Hong Kong	Financial	Insurance-Life	4,512	36,335	5	92	70	D+
SWIE.HK	Swire Properties	Hong Kong	Financial	Real Estate Dvlpmt/Ops	19,701	11,944	8	52	42	D
SWPA.HK	Swire Pacific 'A'	Hong Kong	Financial	Real Estate Dvlpmt/Ops	9,059	18,553	5	55	46	C+
SHKP.HK	Sun Hung Kai Properties	Hong Kong	Financial	Real Estate Dvlpmt/Ops	43,213	92,887	7	48	60	C
LEGE.HK	Lenovo Group	Hong Kong	Technology	Computer-Hardware/Perip	8,491	23,808	5	84	62	C+
CKIH.HK	CK Infrastructure Hldgs Ltd	Hong Kong	Utility	Utility-Diversified	18,056	12,515	7	41	42	D+
CLIG.HK	Clp Holdings	Hong Kong	Utility	Utility-Electric Power	26,073	34,595	5	29	48	C
HKCG.HK	Hong Kong And China Gas	Hong Kong	Utility	Utility-Gas Distribution	33,724	40,642	5	60	70	D-
ICL.IL	Icl	Israel	Basic Material	Chemicals-Agricultural	6,080	11,168	5	35	26	C
CNHI.IT	Cnh Industrial	Italy	Capital Equipment	Machinery-Constr/Mining	14,828	40,089	5	25	76	B+
SFER.IT	Salvatore Ferragamo	Italy	Consumer Cyclical	Apparel-Clothing Mfg	3,425	10,164	6	42	26	C
FCBK.IT	Fincombank Spa	Italy	Financial	Banks-Money Center	6,228	44,800	6	83	30	C-
NH@N.JP	Nissan Chemical Inds.	Japan	Basic Material	Chemicals-Specialty	6,269	23,158	4	81	23	C+
TC@N.JP	Taisei	Japan	Capital Equipment	Bldg-Heavy Construction	8,503	37,453	4	97	23	B
OB@N.JP	Obayashi	Japan	Capital Equipment	Bldg-Heavy Construction	7,098	20,367	5	98	60	B
SZ@N.JP	Shimizu	Japan	Capital Equipment	Bldg-Heavy Construction	7,143	24,251	5	98	76	B+
KC@N.JP	Kajima	Japan	Capital Equipment	Bldg-Heavy Construction	6,859	20,457	4	69	28	C
KYEX.JP	Kyowa Exeo	Japan	Capital Equipment	Bldg-Heavy Construction	2,857	13,065	5	74	38	D-
MT@N.JP	Mitsui	Japan	Capital Equipment	Diversified Operations	29,591	76,872	5	47	74	B+
ZJ@N.JP	Mitsubishi	Japan	Capital Equipment	Diversified Operations	41,329	130,700	5	20	34	B-
LM@N.JP	Mitsubishi Materials	Japan	Capital Equipment	Diversified Operations	3,511	15,781	4	8	49	A-
UM@N.JP	Mitsubishi Electric	Japan	Capital Equipment	Diversified Operations	29,076	56,274	5	47	80	B-
TS@N.JP	Toshiba	Japan	Capital Equipment	Diversified Operations	15,402	71,962	5	4	71	E
NIIW.JP	Sojitz	Japan	Capital Equipment	Diversified Operations	4,019	14,185	4	83	31	B-
HC@N.JP	Hitachi	Japan	Capital Equipment	Diversified Operations	37,355	110,122	3	67	90	B
MH@N.JP	Mitsubishi Heavy Inds.	Japan	Capital Equipment	Diversified Operations	13,702	46,845	7	44	60	B-
UJ@N.JP	Sumitomo	Japan	Capital Equipment	Diversified Operations	20,307	60,875	4	87	80	A
CQ@N.JP	Kyocera	Japan	Capital Equipment	Electrical-Power/Equipmt	23,618	67,643	5	51	76	B
PHOT.JP	Hamamatsu Photonics	Japan	Capital Equipment	Electrical-Power/Equipmt	5,850	10,231	4	58	49	C+

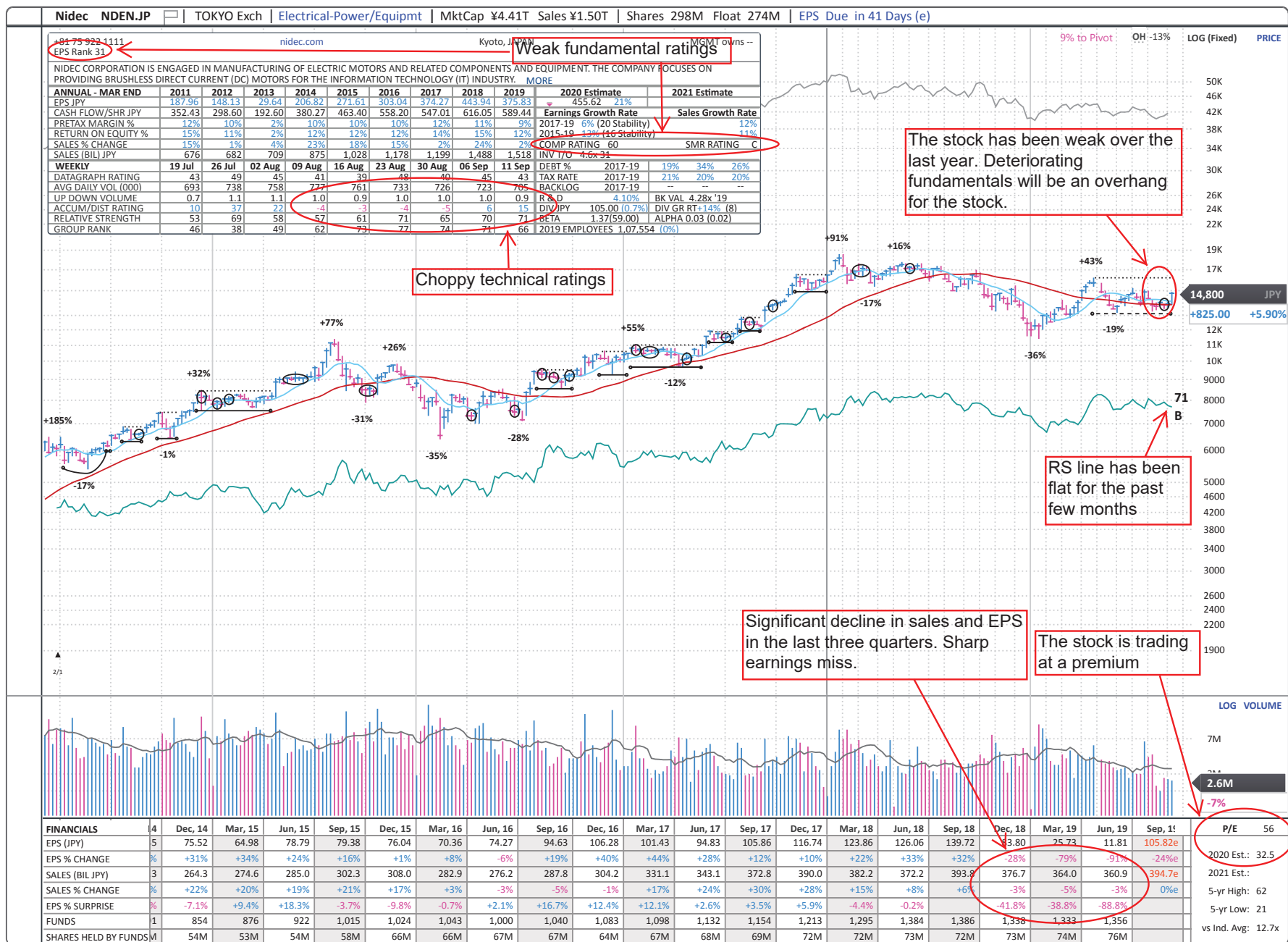
Symbol	Name	Trading Country	Sector Name	Industry Group Name	Market Value, USD (Mil)	Avg Daily Dollar Vol (000), USD	Negative Alert Score, 10 Wks	EPS Rank	RS Rating	A/D Rating
KEYE.JP	Keyence	Japan	Capital Equipment	Electrical-Power/Equipmt	75,042	214,870	5	80	82	B
FECL.JP	Fuji Electric	Japan	Capital Equipment	Electrical-Power/Equipmt	4,760	23,548	5	52	42	B-
NDEN.JP	Nidec	Japan	Capital Equipment	Electrical-Power/Equipmt	40,953	97,946	3	31	78	B
KU@N.JP	Kubota	Japan	Capital Equipment	Machinery-Constr/Mining	18,824	42,843	4	70	53	D+
AM@N.JP	Amada Holdings	Japan	Capital Equipment	Machinery-Gen Industrial	4,120	20,590	5	67	82	B
XE@N.JP	Yokogawa Electric	Japan	Capital Equipment	Machinery-Gen Industrial	4,889	15,870	4	38	34	C+
THAK.JP	Thk	Japan	Capital Equipment	Machinery-Gen Industrial	3,612	32,163	3	32	91	B+
DU@N.JP	Fanuc	Japan	Capital Equipment	Machinery-Gen Industrial	38,394	176,095	4	22	80	B-
DFUK.JP	Daifuku	Japan	Capital Equipment	Machinery-Gen Industrial	6,369	41,375	6	64	57	B-
OZ@N.JP	Sumitomo Heavy Inds.	Japan	Capital Equipment	Machinery-Gen Industrial	3,867	14,906	4	67	42	C+
IA@N.JP	Minebea Mitsumi	Japan	Capital Equipment	Machinery-Gen Industrial	7,472	32,768	3	60	85	A-
KI@N.JP	Ngk Insulators	Japan	Capital Equipment	Machinery-Gen Industrial	4,761	14,045	4	32	57	B+
MISM.JP	Misumi Group	Japan	Capital Equipment	Machinery-Mtl Hdlg/Autmn	6,774	21,380	5	75	57	D+
MRSK.JP	Dmg Mori	Japan	Capital Equipment	Machinery-Tools & Rel	1,874	22,525	5	30	82	B+
OUMA.JP	Okuma	Japan	Capital Equipment	Machinery-Tools & Rel	1,852	12,808	3	70	82	B
KTEL.JP	Keio	Japan	Consumer Cyclical	Leisure-Services	7,851	15,507	4	87	57	C+
KA@N.JP	Kao	Japan	Consumer Staple	Cosmetics/Personal Care	35,175	92,603	4	77	38	D+
FANC.JP	Fancl	Japan	Consumer Staple	Cosmetics/Personal Care	3,241	23,290	5	83	53	B-
BO@N.JP	Nisshin Seifun	Japan	Consumer Staple	Food-Misc Preparation	5,695	13,215	5	68	13	D-
KN@N.JP	Kikkoman	Japan	Consumer Staple	Food-Misc Preparation	8,916	27,014	5	86	38	D-
ABOT.JP	Japan Tobacco	Japan	Consumer Staple	Tobacco	43,306	95,042	5	50	18	D+
JPBC.JP	Japan Post Bank	Japan	Financial	Banks-Money Center	45,148	19,508	5	45	31	B-
JHRC.JP	Japan Hotel Reit Inv.	Japan	Financial	Finance-Property REIT	3,383	13,606	3	71	49	E
JPHC.JP	Japan Post Holdings	Japan	Financial	Insurance-Life	42,768	54,216	6	39	10	C
MIFU.JP	Mitsui Fudosan	Japan	Financial	Real Estate Dvlpmt/Ops	22,737	71,440	5	59	42	D+
CK@N.JP	Sumitomo Real.&Dev.	Japan	Financial	Real Estate Dvlpmt/Ops	17,392	39,099	4	95	49	B-
DITC.JP	Daito Tst.Construction	Japan	Financial	Real Estate Dvlpmt/Ops	9,873	39,413	4	82	53	D+
TA@N.JP	Takeda Pharmaceutical	Japan	Health Care	Medical-Diversified	54,411	159,545	4	11	28	C-
DPPH.JP	Sumitomo Dainippon Pha.	Japan	Health Care	Medical-Diversified	6,998	15,197	4	78	5	C
SQ@N.JP	Shionogi	Japan	Health Care	Medical-Diversified	17,059	47,642	5	88	25	D+
AS@H.JP	Asahi Intecc	Japan	Health Care	Medical-Systems/Equip	6,049	22,091	5	95	53	D-
ALCH.JP	Alfresa Holdings	Japan	Health Care	Medical-Systems/Equip	5,433	10,260	4	60	18	C
TERU.JP	Terumo	Japan	Health Care	Medical-Systems/Equip	22,254	51,576	3	88	53	C
SKEN.JP	Suzuken	Japan	Retail	Retail-Drug Stores	5,573	10,306	5	92	45	C+
CN@N.JP	Canon	Japan	Technology	Computer-Hardware/Perip	36,332	78,736	5	22	34	B-
OTSK.JP	Otsuka	Japan	Technology	Computer-Tech Services	6,851	17,087	5	91	49	D-
SFTB.JP	Softbank Group	Japan	Technology	Telecom Svcs-Wireless	90,909	540,778	5	87	38	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
SGHS.JP	Sg Holdings Co	Japan	Transportation	Transport-Air Freight	8,449	13,237	7	71	42	D+
JAPL.JP	Japan Airlines	Japan	Transportation	Transportation-Airline	11,163	36,497	5	52	34	C
KRWC.JP	Kyushu Railway	Japan	Transportation	Transportation-Rail	4,871	13,887	4	21	34	B-
CU@N.JP	Chugoku Elec.Power	Japan	Utility	Utility-Electric Power	4,825	12,734	5	46	60	C+
UY@N.JP	Kyushu Elec.Power	Japan	Utility	Utility-Electric Power	4,766	11,015	5	35	25	C
BCP.PT	Banco Comr.Portugues 'R'	Portugal	Financial	Banks-Money Center	3,363	11,689	5	65	25	D-
KEPP.SG	Keppel	Singapore	Capital Equipment	Diversified Operations	8,133	17,489	5	26	59	C-
JMTS.SG	Jardine Matheson Hdq.	Singapore	Capital Equipment	Diversified Operations	40,920	13,109	6	99	26	C+
GINT.SG	Genting Singapore Ltd	Singapore	Consumer Cyclical	Leisure-Gaming/Equip	7,846	15,021	4	75	44	D+
HKLH.SG	Hong Kong Land Hdq.	Singapore	Financial	Real Estate Dvlpmnt/Ops	13,350	19,059	5	66	22	D+
VEMA.SG	Venture	Singapore	Technology	Elec-Contract Mfg	3,319	12,924	4	93	51	B-
ACS.ES	Acs Activ.Constr.Y Serv.	Spain	Capital Equipment	Bldg-Heavy Construction	12,735	26,468	6	57	74	C
REE.ES	Red Electrica	Spain	Utility	Utility-Electric Power	10,895	27,354	6	54	42	C
CTG.ES	Naturgy Energy	Spain	Utility	Utility-Gas Distribution	25,250	25,001	6	32	46	D
SKFB.SE	Skf B	Sweden	Capital Equipment	Machinery-Gen Industrial	7,399	28,483	4	69	64	B
SAND.SE	Sandvik	Sweden	Capital Equipment	Machinery-Gen Industrial	20,076	53,033	4	86	59	B+
ALF.SE	Alfa Laval	Sweden	Capital Equipment	Machinery-Gen Industrial	8,281	19,857	4	81	35	B
SUBF.SE	Securitas B	Sweden	Capital Equipment	Security/Sfty	5,349	14,587	6	72	40	B-
SOBI.SE	Swedish Orphan Biovitrum	Sweden	Health Care	Medical-Biomed/Biotech	4,911	11,312	5	90	20	E
SL@G.SE	Ericsson B	Sweden	Technology	Computer-Networking	24,560	56,914	6	79	29	D+
EKBF.SE	Hexagon B	Sweden	Technology	Elec-Misc Products	17,260	33,840	4	81	47	B-
ABBN.CH	Abb Ltd N	Switzerland	Capital Equipment	Electrical-Power/Equipmt	43,747	143,361	4	24	51	B+
RR.GB	Rolls-Royce Holdings	United Kingdom	Capital Equipment	Aerospace/Defense	19,721	37,225	4	40	22	B-
MNDI.GB	Mondi	United Kingdom	Capital Equipment	Containers/Packaging	9,891	47,343	5	93	20	C+
ABF.GB	Associated Brit.Foods	United Kingdom	Capital Equipment	Diversified Operations	21,883	21,689	3	65	26	D-
WEIR.GB	Weir Group	United Kingdom	Capital Equipment	Machinery-Gen Industrial	5,014	19,780	5	33	48	C+
STJ.GB	St.James's Place	United Kingdom	Financial	Finance-Investment Mgmt	6,525	23,637	5	38	26	D-
HSX.GB	Hiscox (Di)	United Kingdom	Financial	Insurance-Prop/Cas/Titl	5,677	13,550	4	36	29	D+
KGF.GB	Kingfisher	United Kingdom	Retail	Retail/Whlsle-Bldg Prds	5,317	20,216	5	29	16	C+

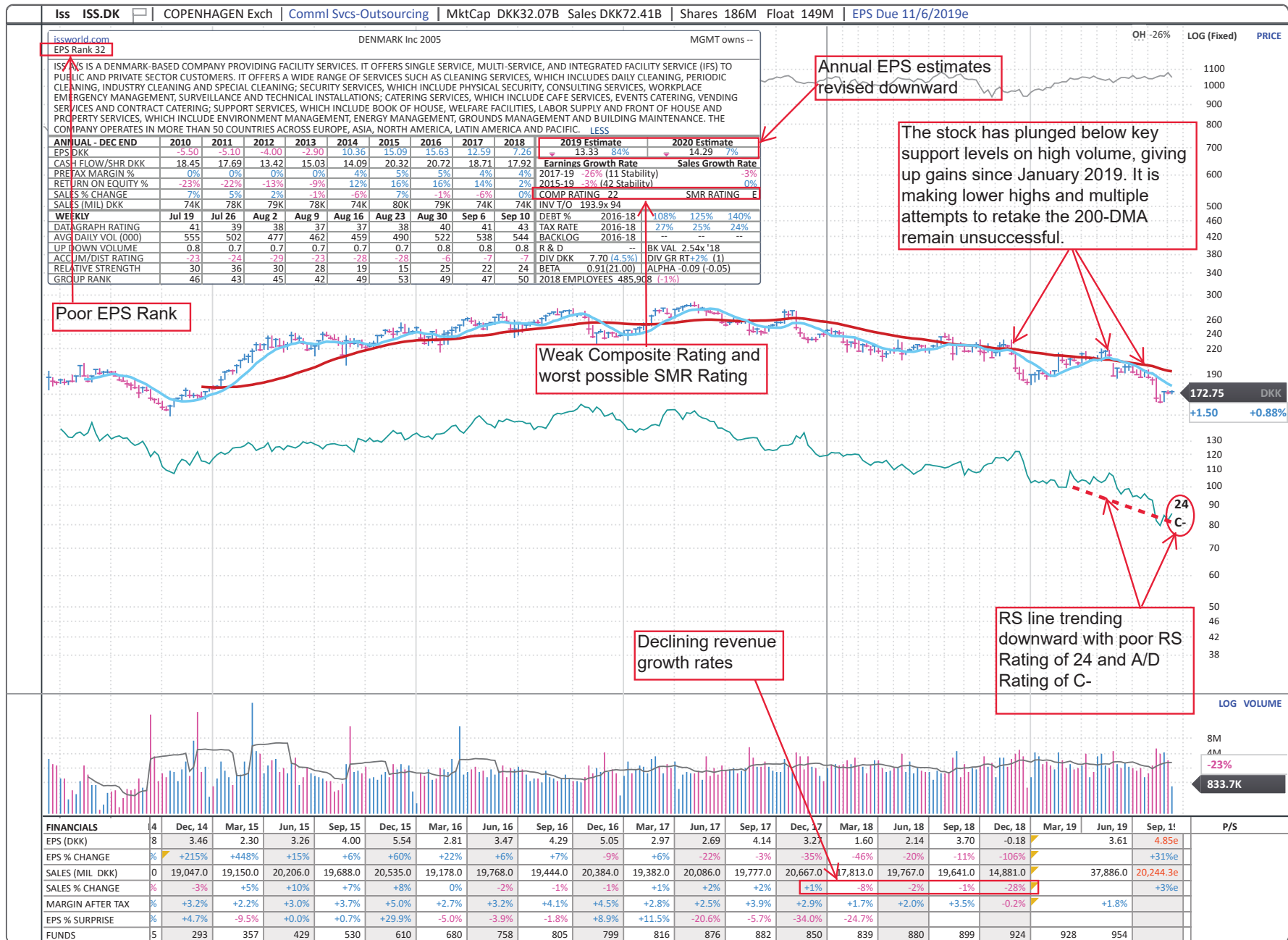
Developed — Capital Equipment — Highlighted Laggard



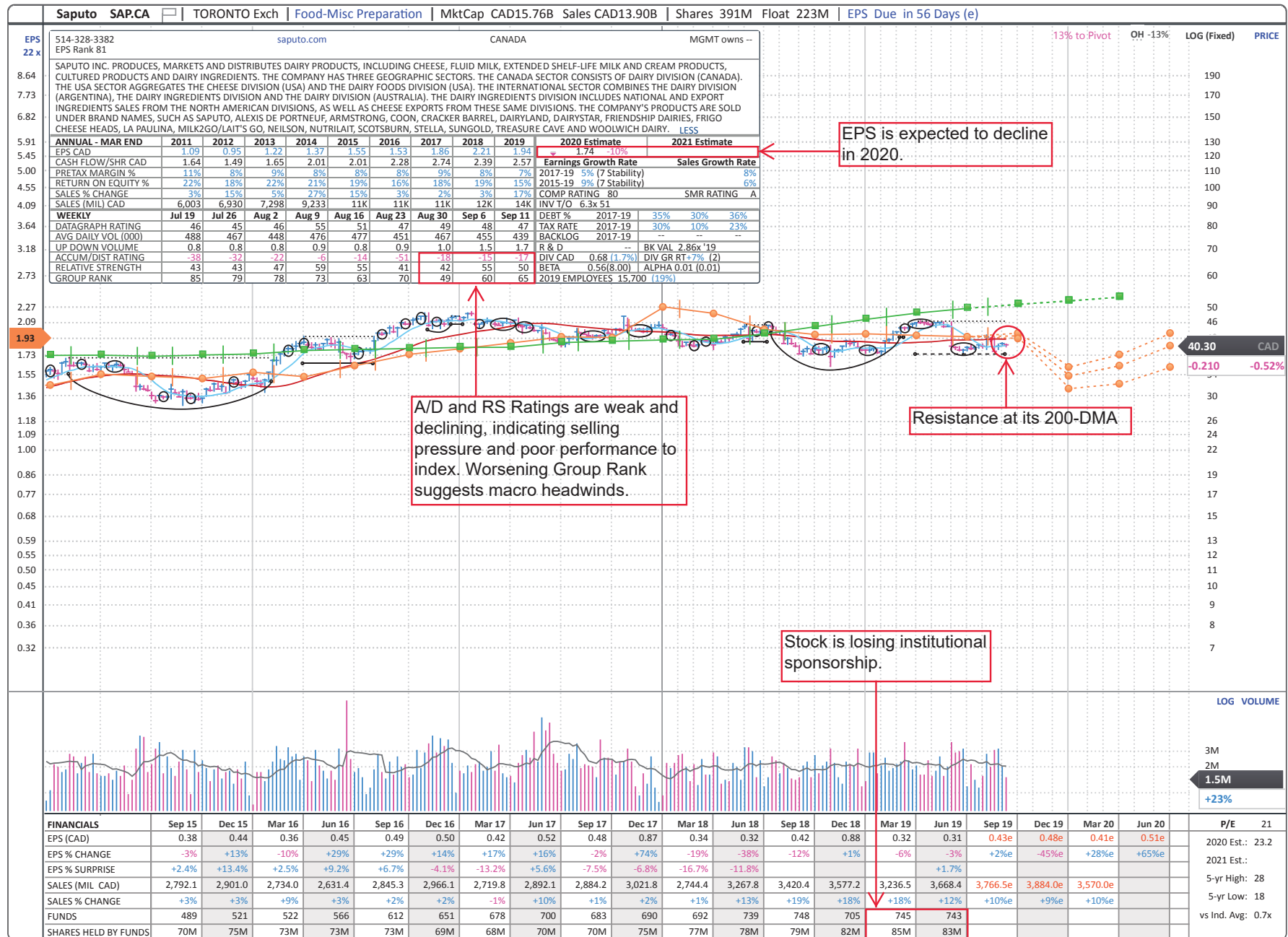
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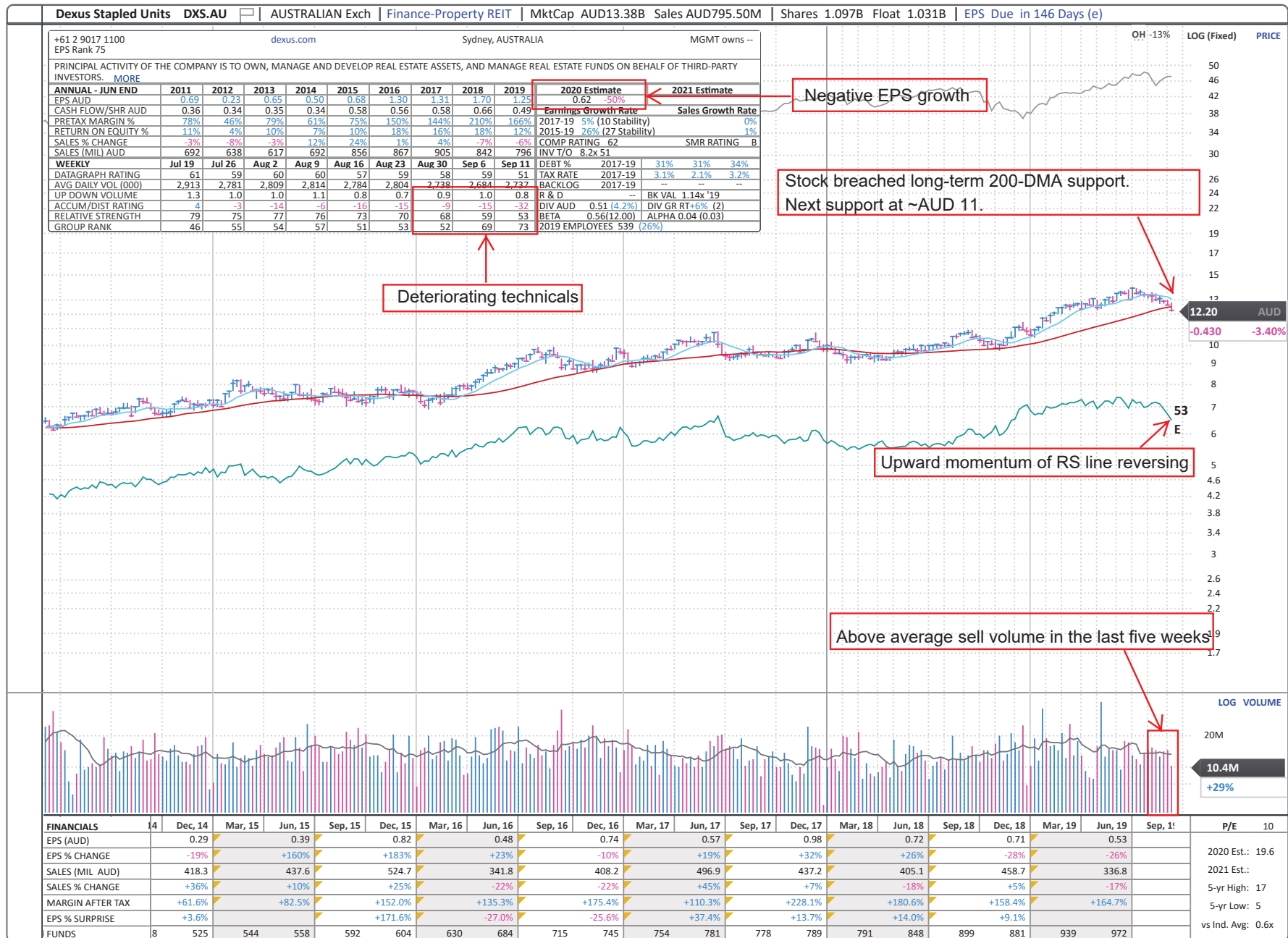
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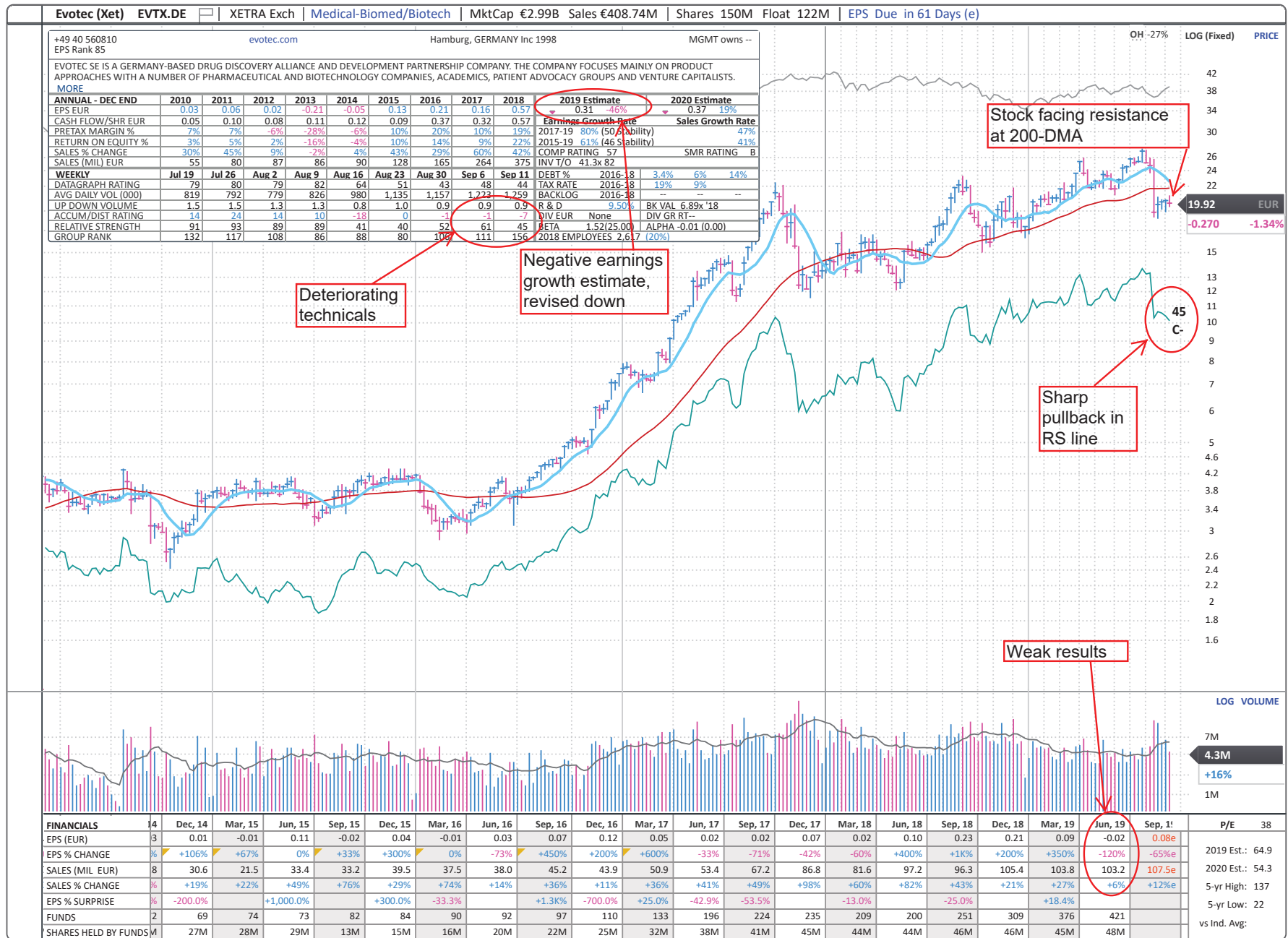
Developed — Consumer Staple — Highlighted Laggard



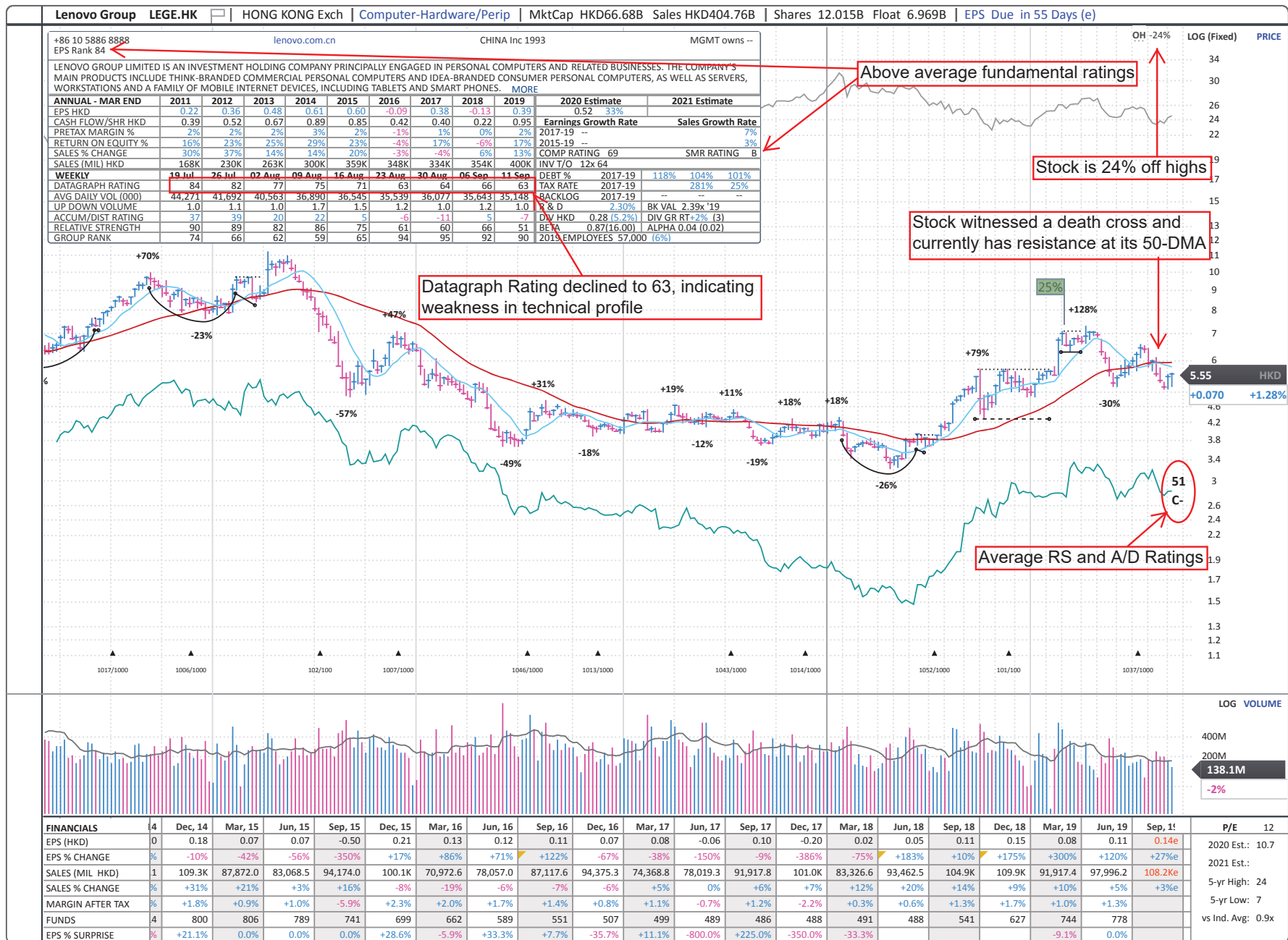
Developed — Financial — Highlighted Laggard



Developed—Health Care—Highlighted Laggard



Developed—Technology—Highlighted Laggard

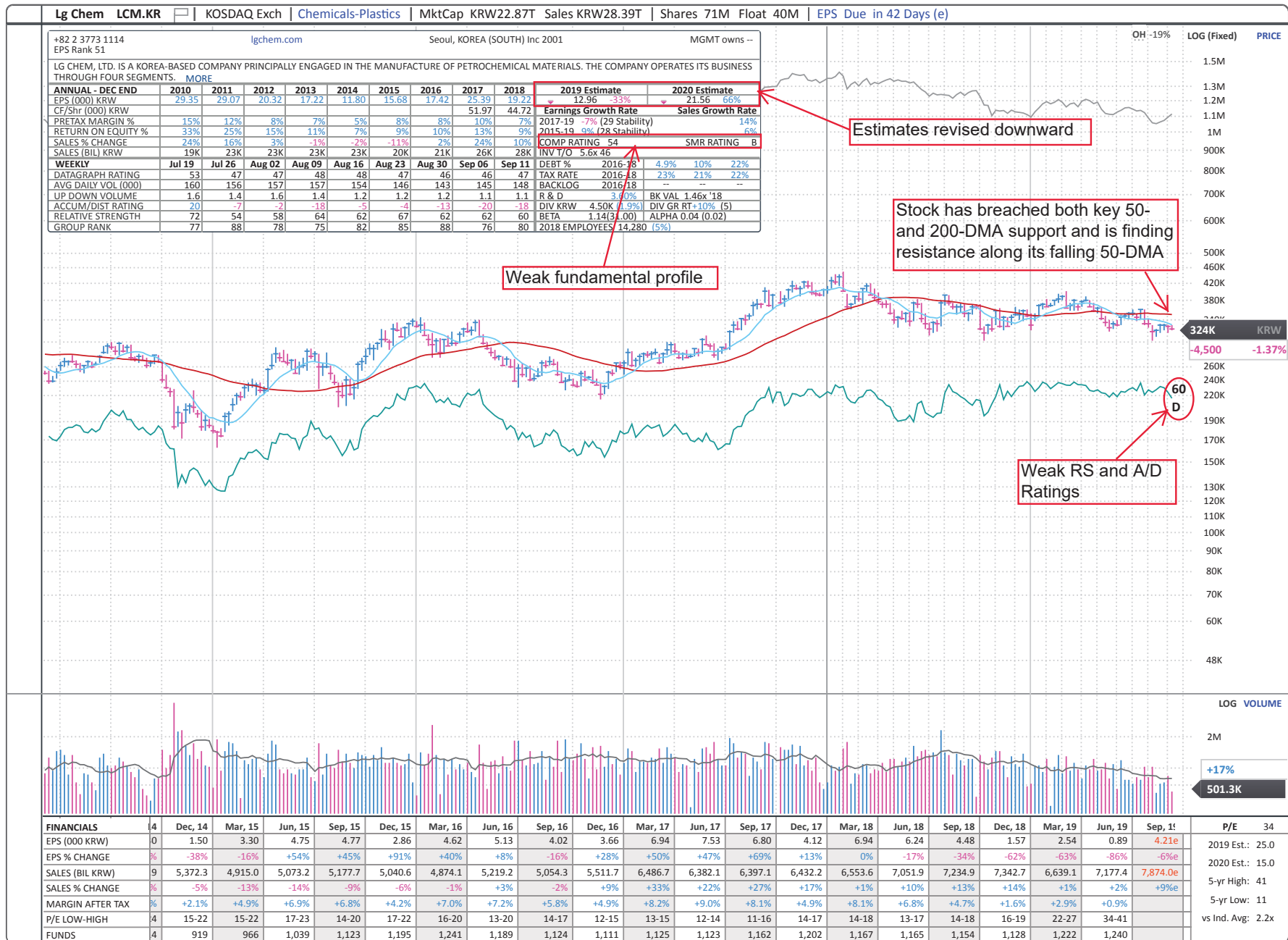


Emerging Markets

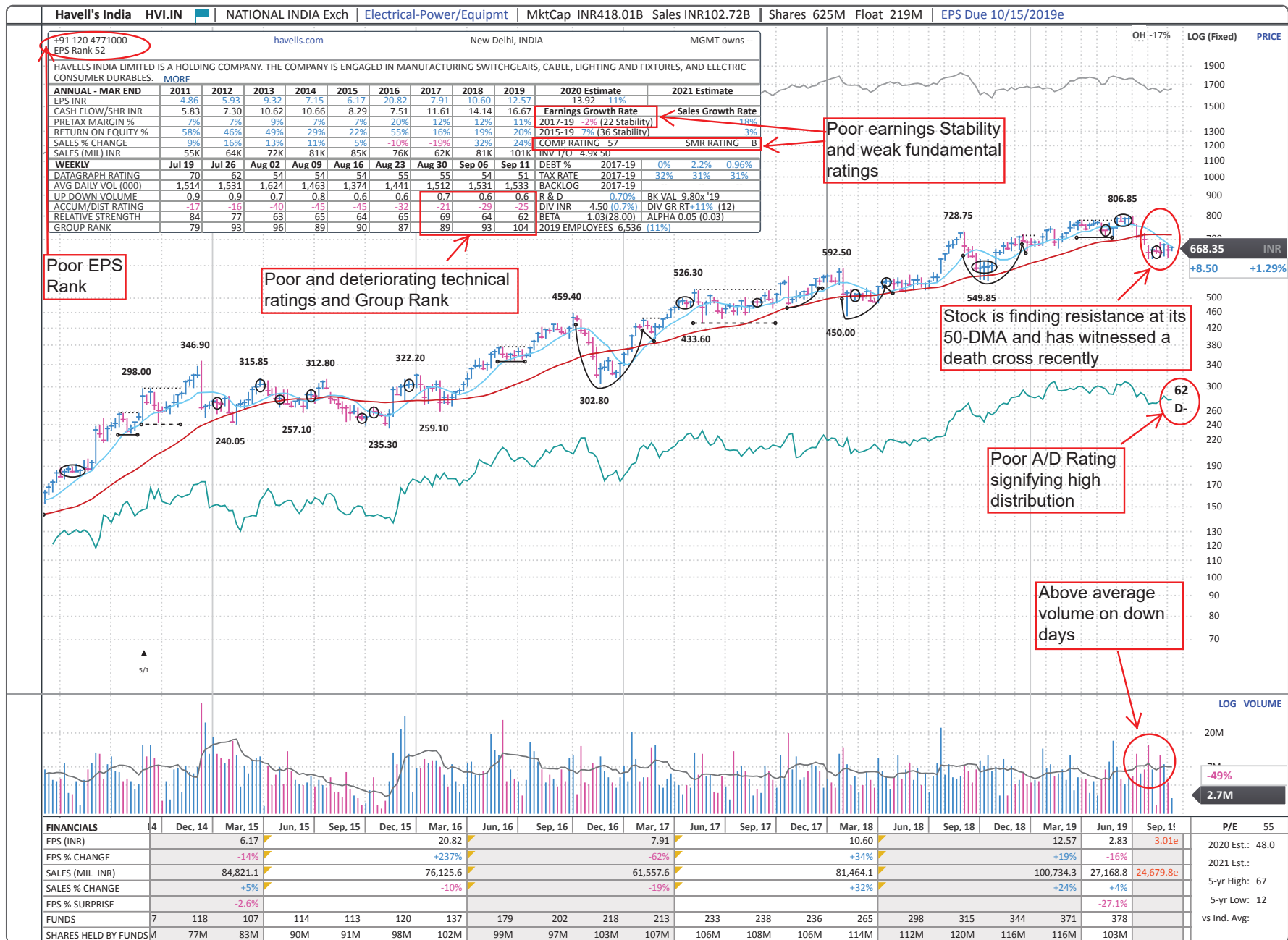
Symbol	Name	Trading Country	Sector Name	Industry Group Name	Market Value, USD (Mil)	Avg Daily Dollar Vol (000), USD	Negative Alert Score, 10 Wks	EPS Rank	RS Rating	A/D Rating
EA3.BR	Embraer On	Brazil	Capital Equipment	Aerospace/Defense	3,380	10,695	3	73	19	C+
R4P.BR	Bradespar Pn	Brazil	Financial	Finance-Investment Mgmt	1,673	13,246	4	31	18	E
ASC.IN	Acc	India	Basic Material	Bldg-Cement/Concrt/Ag	3,887	17,727	3	81	69	C-
LST.IN	Larsen & Toubro	India	Capital Equipment	Bldg-Heavy Construction	26,680	58,173	5	82	69	C+
HVI.IN	Havell's India	India	Capital Equipment	Electrical-Power/Equipmt	5,842	14,112	6	52	64	D-
HDI.IN	Hindalco Industries	India	Capital Equipment	Metal Proc & Fabrication	6,178	17,727	4	74	67	C
IT.IN	Itc	India	Consumer Staple	Tobacco	41,274	38,935	4	74	50	E
SBK.IN	State Bank Of India	India	Financial	Banks-Money Center	35,751	99,179	6	70	65	C-
UTI.IN	Axis Bank	India	Financial	Banks-Money Center	24,240	93,913	4	66	65	C
IBK.IN	Indusind Bank	India	Financial	Banks-Money Center	13,444	89,746	5	84	53	C-
FED.IN	Federal Bank	India	Financial	Banks-Money Center	2,379	13,987	6	79	65	C
PCF.IN	Power Finance	India	Financial	Financial Svcs-Specialty	4,114	16,006	3	64	85	C
CPL.IN	Cipla	India	Health Care	Medical-Generic Drugs	5,261	12,407	5	67	48	D-
TIC.IN	Sun Pharm.Industries	India	Health Care	Medical-Generic Drugs	14,324	48,660	3	46	70	B-
LUP.IN	Lupin	India	Health Care	Medical-Generic Drugs	4,794	14,782	3	65	70	B
WIP.IN	Wipro	India	Technology	Computer-Tech Services	19,407	16,164	4	78	62	D
ATA.ID	Astra International	Indonesia	Consumer Cyclical	Auto Manufacturers	19,436	15,389	5	63	29	C
BKM.ID	Bank Mandiri	Indonesia	Financial	Banks-Money Center	23,494	21,622	5	76	49	C
PBOM.MY	Public Bank	Malaysia	Financial	Banks-Money Center	18,707	20,460	4	1	20	E
IXB.MX	Banco Santander B	Mexico	Financial	Banks-Money Center	4,313	11,372	4	60	34	D-
MGN.RU	Magnit	Russia	Retail	Wholesale-Food	5,585	12,374	3	27	23	C+
MNDJ.ZA	Mondi	South Africa	Capital Equipment	Containers/Packaging	2,521	13,340	4	36	48	B
LCM.KR	Lg Chem	South Korea	Basic Material	Chemicals-Plastics	19,205	40,261	4	51	60	D
SGE.KR	Samsung Engineering	South Korea	Capital Equipment	Bldg-Heavy Construction	2,707	8,114	3	46	68	B
CLZ.KR	Samsung C&T	South Korea	Capital Equipment	Bldg-Heavy Construction	14,144	20,590	4	20	37	D-
LCY.KR	Lg	South Korea	Capital Equipment	Comml Svcs-Outsourcing	10,186	11,081	4	93	60	D-
SMH.KR	Samsung Heavy Inds.	South Korea	Capital Equipment	Transportation-Equip Mfg	4,306	16,328	6	5	76	B+
HUE.KR	Hyundai Heavy Industries	South Korea	Capital Equipment	Transportation-Equip Mfg	7,250	20,874	5	43	67	B
JHD.KR	Lg Electronics	South Korea	Consumer Cyclical	Hsehold-Appliances/Wares	8,863	32,169	5	16	37	D-
WJC.KR	Woongjin Coway	South Korea	Consumer Cyclical	Hsehold-Appliances/Wares	5,007	11,135	3	89	64	C-
NTM.KR	Netmarble	South Korea	Consumer Cyclical	Leisure-Toys/Games/Hobby	7,076	23,890	6	64	37	C-
LHH.KR	Lg Hhld.& Hlth.Care	South Korea	Consumer Staple	Cosmetics/Personal Care	16,786	30,994	5	95	74	B+
SHB.KR	Shinhan Finl.Group	South Korea	Financial	Banks-Money Center	16,823	33,079	6	89	67	D
MEY.KR	Medy-Tox	South Korea	Health Care	Medical-Biomed/Biotech	1,785	11,849	5	69	11	C
ORC.KR	Celltrion	South Korea	Health Care	Medical-Biomed/Biotech	18,211	1,02,643	5	88	20	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
JLS.KR	Sillajen	South Korea	Health Care	Medical-Biomed/Biotech	686	61,916	6	5	1	D+
YHO.KR	Yuhan	South Korea	Health Care	Medical-Ethical Drugs	2,350	7,630	6	37	57	D
HPM.KR	Hanmi Pharm	South Korea	Health Care	Medical-Generic Drugs	2,764	14,599	6	71	5	C-
SKT.KR	Sk Telecom	South Korea	Technology	Telecom Svcs-Wireless	16,136	29,939	4	58	52	E
KAW.KR	Korea Electric Power	South Korea	Utility	Utility-Electric Power	13,772	24,790	4	20	40	C-
DEL.TW	Delta Electronics	Taiwan	Capital Equipment	Electrical-Power/Equipmt	12,110	18,685	2	91	64	C+
AIG.TW	Airtac International Gp.	Taiwan	Capital Equipment	Machinery-Gen Industrial	2,232	22,137	3	79	82	B+
MIK.TW	Makalot Industrial	Taiwan	Consumer Cyclical	Apparel-Clothing Mfg	1,254	10,655	4	79	57	D+
LPC.TW	Largan Precision	Taiwan	Technology	Elec-Misc Products	17,172	88,172	4	93	61	C
HON.TW	Hon Hai Precn.Ind.	Taiwan	Technology	Electronic-Parts	33,760	67,995	4	67	51	B-
SCQT.TH	Siam Cement	Thailand	Capital Equipment	Diversified Operations	17,188	42,650	7	58	62	B
PTTE.TH	Ptt Exploration & Prdn.	Thailand	Energy	Oil&Gas-Intl Expl&Prod	15,709	49,535	3	98	52	D-
BBLT.TH	Bangkok Bank	Thailand	Financial	Banks-Money Center	11,236	34,435	4	73	36	C+
KTBT.TH	Krung Thai Bank	Thailand	Financial	Banks-Money Center	8,089	18,366	5	69	41	E

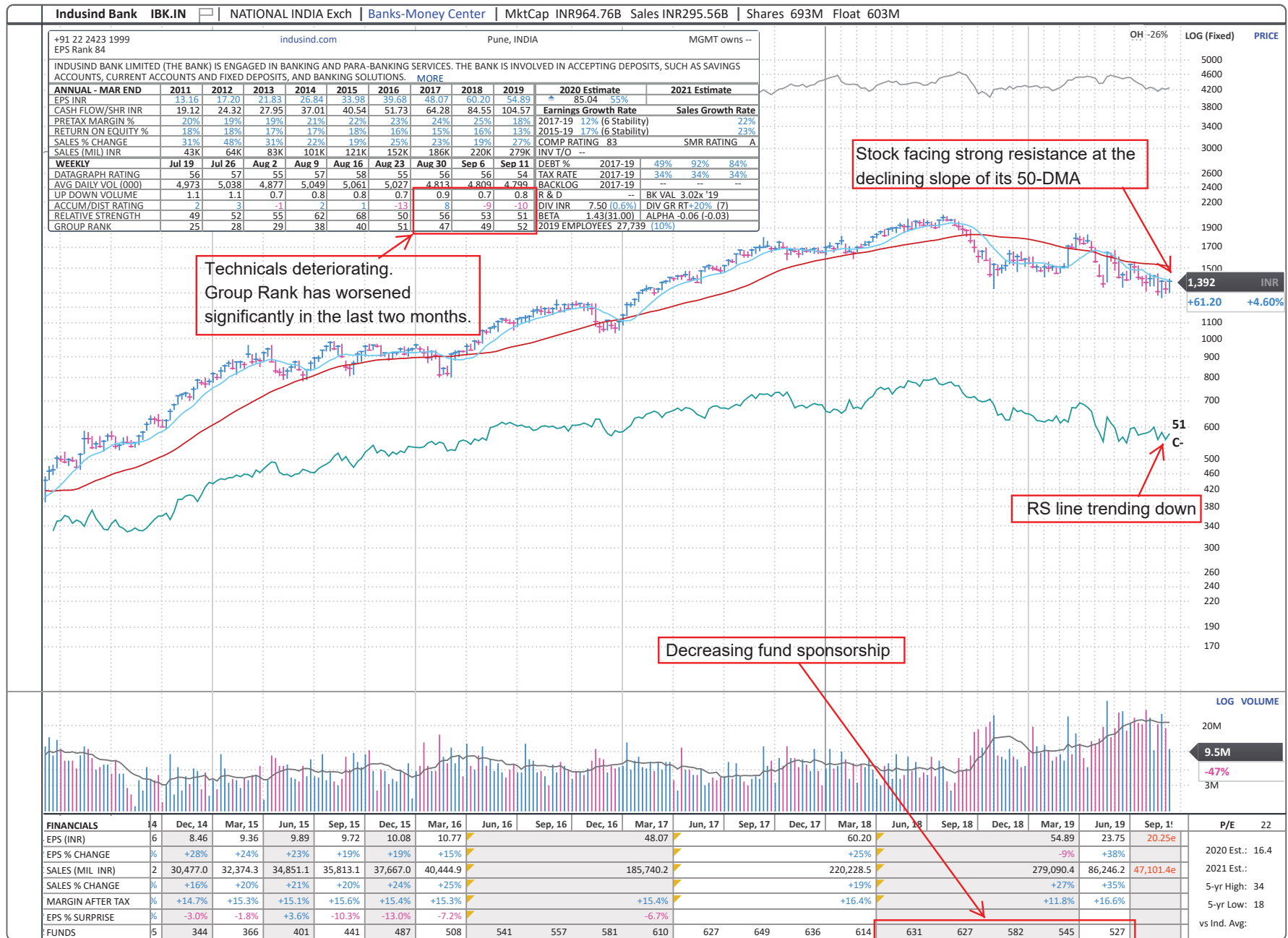
Emerging — Basic Material — Highlighted Laggard



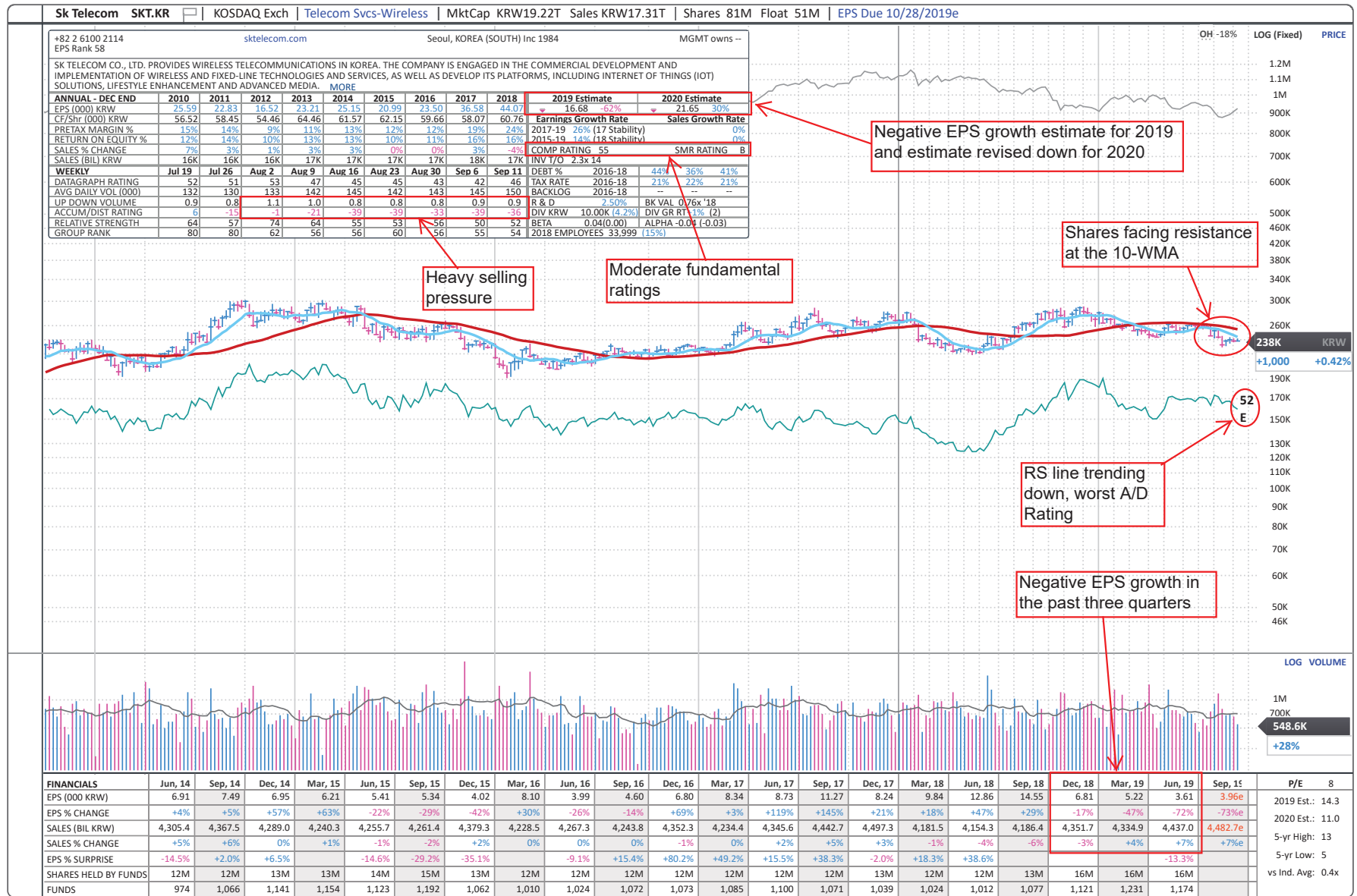
Emerging — Capital Equipment — Highlighted Laggard



Emerging — Financial — Highlighted Laggard



Emerging — Technology — Highlighted Laggard



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Sk Telecom (SKT.KR) Weekly as of Wed, September 11, 2019

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