

TOP STORIES

- White House Discussing Removing Some China Tariffs
- Xi: China to Focus on Imports, Further Lower Tariffs, Open Up Markets
- Hong Kong Slows Further With Business Outlook Worst Since 2008
- OPEC Forecasts Demand to Fall 7% by 2023

INDEX FUTURES

Futures	Change	Fair Value
S&P 500	3081 (5.25)	5.18
Nasdaq	8235.25 (19.5)	21.59
Dow	27442 (62)	48.89

GLOBAL INDICES

INDEX	CLOSE	CHANGE
FTSE	7391.22	0.29%
DAX	13144.8	0.06%
Nikkei	23251.99	1.76%
Hang Seng	27683.4	0.49%

ECONOMIC CALENDAR

TIME	INDICATOR	CONSENSUS
8:30	Int'l Trade	-\$52.5B
9:45	PMI Services	51.0
10:00	ISM Non-Mfg	53.5
10:00	JOLTS	

FOREX

EUR/USD	1.112 (-0.05%)
USD/JPY	108.82 (0.24%)
USD/CAD	1.3126 (-0.17%)
GBP/USD	1.2898 (0.12%)

COMMODITY

Oil	56.93 (0.69%)
Natural Gas	2.899 (2.76%)
Gold	1506.6 (-0.30%)
Copper	2.683 (0.45%)

VOLATILITY INDICES

INDEX	SYMBOL	CLOSE
S&P	VIX	12.73 (3.50%)
Nasdaq	VXN	16.60 (2.03%)
Oil	OVX	35.65 (3.72%)
Gold	GVZ	12.49 (-2.88%)

MARKET OUTLOOK

Futures are indicating a higher open for the morning with reports that the US may concede to a Chinese request to roll back the 9/1 tariffs. The FT (and then later WSJ) reported that the White House is considering the Chinese request as part of Phase 1 and a move that would be a bit of a surprise. President Xi spoke last night at the Int'l Import Expo and reiterated a commitment to global trading and lowering tariffs. He didn't mention talks with the US. Crude is higher by around 80 bps despite OPEC cutting forecasts again. Nat Gas a standout up 2.4% and continuing the strong run.

Asian markets... were mostly higher across the board (India traded down slightly). The Nikkei hit a 13-month high. **Z Holdings** (f/k/a Yahoo Japan) jumped 13% after strong quarterly e-commerce results. **Softbank** was up 2.7%. **Fuji** higher by 6.5% after agreeing to buyout **XXR** from their JV. **Asahi** cut their FY outlook for the second time in four months. **Rakuten** slightly higher after earnings and guiding to a \$950M loss from their **LYFT** investment.

European markets... are higher this morning with the DAX lagging now just flat after moving higher earlier. **Pandora A/S** down 16% after cutting their outlook with their clean-up plan weighing on results. **Siemens Gamesa** down 10% after the wind energy company guided weak. **Telefonica** down 1.5% after missing estimates. **Imperial Brands** down modestly after earnings that were impacted by a vaping backlash in Europe. **Adecco** was hit by a slowdown in hiring from the economic slowdown and shares down 1.5%. Travel retailer **Dufry** higher by 6.5% after a strong report. **Lundbeck** shares up 5% after they raised their outlook and guided to a return to growth in 2020. **Hugo Boss** down 2.65% after reporting. The company sees a recovery nearly everywhere except Hong Kong next year. **HelloFresh** is down 2.75% on earnings and said it was on track for profitability after hitting break-even in Q3. Chemicals strong after upbeat reports from **DSM** and **Evonik**.

Looking at **economic data**, China Caixin services PMI missed at 51.1 vs 52.8. Hong Kong manufacturing PMI fell to 39.3 vs 43.6 forecast. The RBA kept rates unchanged, as expected. They also deferred on a December rate cut. Eurozone PPI was in line at 0.1% in September. UK services PMI a beat a 50.0 vs 49.7 expected.

S&P TECHNICALS

Levels: Support 3000/2950; Resistance 3,100/3,150



KEY EVENTS

Earnings After the Close: ACHC, AKCA, ALRM, Y, ATUS, ANDE, AINV, AIZ, AVLR, BTG, BEAT, WIFI, CARG, CDK, CENX, CNO, COHR, CMP, CPSI, SCOR, CPS, CSOD, CCRN, CWK, DVA, DVN, FANG, DEI, EVRI, ES, EVH, FATE, FRGI, FIVN, FLDM, FTR, GTEG, GPRE, GHL, GWPH, HCKT, HST, HUBS, ICHR, IOSP, INGN, INSP, PODD, IPAR, IRTC, JAZZ, KAR, KRG, KTOS, LPI, LC, LGND, LTHM, MTCH, MCHP, MODN, MWA, NEWR, NUS, OAS, OHI, OPK, PE, PAYS, PAA, PAGP, PLT, PTLA, PRMW, RDUS, RRGB, RRR, RGNX, SWIR, TRUP, RARE, VGR, VOYA, WLL, WW

Analyst Days: KR, RAVN;

Conferences: Gabelli Auto Forum, Baird Industrials

Tomorrow... Productivity and Costs

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ANALYST ACTION/COMMENTS

Facebook (FB) upgraded to Buy at Daiwa

Sientra (SIEN) upgraded to Buy at William Blair

Aecom (ACM) upgraded to Buy at Deutsche Bank

Halozyne (HALO) upgraded to Neutral at Barclays

Autoliv (ALV) upgraded to Buy at Mizuho, \$91 PT

NXP Semi (NXPI) upgraded to Buy at Mizuho

Symantec (SYMC) upgraded to Buy at UBS, \$27 PT

Beyond Meat (BYND) upgraded to Buy at Bernstein

Everquote (EVER) upgraded to Buy at BAML

First Horizon (FHN) upgraded to Buy at BAML

Amgen (AMGN) upgraded to Overweight at Cantor

Applied Opto (AAOI) upgraded to Buy at Rosenblatt

HSBC downgraded to Sell at Berenberg

Zebra Tech (ZBRA) downgraded to Neutral at JP Morgan

Stryker (SYK) downgraded to Neutral at Barclays

Under Armour (UAA) downgraded to Buy at Goldman

Prudential (PRU) downgraded to Neutral at Wells Fargo

Schwab (SCHW) downgraded to Neutral at RayJay

Hudson (HUD) downgraded to Sell at BAML

Trade Desk (TTD) initiated Buy at Stephens, \$250 PT

MEDIA HIGHLIGHTS

McDermott (MDR) said to miss deadline for bond interest payment - Bloomberg

Emerson (EMR) planning to take steps to 'reach peace' with activist – Bloomberg

Toshiba to form IoT alliance with **SoftBank**, **KDDI** and others – Nikkei

German minister casts doubt on **Huawei** participation in 5G build-out – Reuters

SoftBank (SFTBY) to tighten governance at start-ups after **WeWork** debacle - FT

MakeMyTrip (MMYT) and **Oyo** Downplay India Regulatory Probe – Skift

Vale (VALE) CEO dismissed warning on mines - WSJ

TSMC (TSM), **UMC** enjoy ramp-up in China fab utilization rates – Digitimes

Ross Hints LNG May Be Part of Interim U.S.-China Trade Deal (pos. **LNG**, **GLNG**) – Bloomberg

Goldman (GS) Would Consider Europe Wealth Acquisitions; CEO says Investor Day Won't Be a Big Reveal – Bloomberg

Germany to Boost Electric-Car Incentives in Push to Lift Demand – Bloomberg

Novartis (NVS) gets U.S. nod for long-delayed **Amgen (AMGN)** copycat – Reuters

Samsung to shut down U.S. CPU research division – Reuters

Demand for EUV gear is fueling a surge in CapEx for chip makers (pos. **ASML**) – WSJ

STOCK SPECIFIC NEWS OF NOTE

Workday (WDAY) to acquire Scout RFP for \$540M

Rhythm Pharmaceuticals (RYTM) announces two Phase 3 setmelanotide trials meet endpoints

AT&T (T), **RingCentral (RNG)** partner over UCaaS

WWE expands live event partnership with GEA through 2027

SAP authorized to repurchase shares, issue special dividend worth € 1.5B

Xerox (XRX) restructures FUJIFILM relationship, will receive \$2.3B from related deals

Kaman (KAMN) to acquire Bal Seal Engineering for \$330M

PRE-MARKET MOVERS

Moving Higher: GSX 6%, BYND 3.4%

Moving Lower: FCAU -1%

INSIDER TRADING (Form 4 Filings)

Buying: SFNC, BTN, CLSN, UVE, AGR, FDX

Selling: ZBRA, OSK, JBHT, MNRO, MAS, CSL, MRCY, ZBRA, ACCO, CMS, LSCC

POTENTIAL SYMPATHY TRADES

ISRG, MDT - on ZBH earnings

CF - on MOS/NTR weak outlook

HLT, H, WH - on MAR earnings

RCII - lower on AAN weak Q3

OPTION HIGHLIGHTS (Prior Day)

Adobe Systems (ADBE) with 500 April \$275 puts sold to open today for \$17.55 and follows 750 December \$280/\$250 bull put spreads on Friday and 1600 January \$265/\$260 bull put spreads opened on 10-31. Friday also saw more November \$285/\$295 call spreads open and open interest over 4000X now. ADBE shares are basing just below \$280 and back above the 200-day as it looks to clear a multi-month downtrend. Shares tagged the 50% retracement level from the December 2018 lows recently and a move higher targets \$292 and then \$300+. The \$134.5B software leader trades 28.65X earnings, 12.5X sales, and 36.85X cash with mid-teens growth. ADBE is hosting their Adobe Max conference this week and expected to update guidance for FY20 as well as give a roadmap forward as they lap the 1-year mark from the Marketo deal. Analysts have an average target for shares of \$300. Canaccord buying the dip after earnings noting that the outlook has historically always been conservative and ADBE has a number of drivers to beat a low bar. Citi downgrading to Neutral in early October expecting ADBE to continue investing in Digital Experience, potentially through M&A, which will keep a lid on margin growth. MSCO out on 10-30 with a \$340 PT noting that the base case for the Investor meeting is \$1.4B to \$1.6B in net new ARR additions which could drive the stock higher by 4-5%. Short interest is 1.5%. Hedge fund ownership fell 6.5% in Q2, Maplelane Capital a buyer of call options.

AFTER HOURS MOVERS

Gainers: EVER 25%, CHGG 13.9%, RNG 8.5%, WBT 6%, ADBE 4.5%, WWE 4%, THC 4%

Losers: MYGN -35%, SHAK -16%, TNDM -10%, AAN -8%, AGIO -5.9%, YETI -5.9%, UBER -5%, MOS -5%

MARKET SENTIMENT / INTERNALS

INDICATOR	READING	SIGNAL
CBOE Equity Put/Call Ratio	0.658	Falling
CBOE Index Put/Call Ratio	1.33	Elevated – Cautious
CBOE Skew Index	126.88	Elevated
VIX Curve	Contango	Normal
CNN Fear & Greed Index	80	Extreme Greed
NYMO	17	Slightly Overbought
NYSE New Highs – New Lows	375	Strong but Below July
McClellan Summation	706.86	Above 8-EMA
Univ. of Michigan Consumer Sentiment	95.5 (September Final)	Fading

SMART MONEY (13g/13d Filings)

IPO MONITOR

GFL Environmental (GFL) issuing 87.5M shares at \$20-\$24; Diversified environmental services company

A number of small/micro cap names including **YAYO, QK, KRKR**; and biotech **CNSP, CNTG, ENTB, GRTX, TELA**

SECONDARY MONITOR

Hasbro (HAS) announces \$875M offering

Yeti (YETI) files to sell 10M in stock for holders

Healthpeak (PEAK) secondary priced at \$35

TRADE

WEEKLY TECHNICAL BREAKOUT

AMD:



Advanced Micro (AMD) shares are clearing a big weekly bull flag above \$35.50 with a long-term measured move out to \$42. MACD is just about to cross over bullish and RSI is above 60 and out of a clear downtrend, ready to run and continue the long-term bull trend.

FUNDAMENTAL TRADE OF THE WEEK

Stock: Datadog (DDOG)

Price: \$34

Valuation: Undervalued

Key Ratios:

	Fwd. PE	P/S	P/B	EV / EBITDA	P/FCF
Stock					
Industry Avg.					

Analysis: The \$9.86B recent IPO trades 4.22X EV/sales with estimates looking for 40% and then 31% revenue growth the next two years. They expect to be profitable in FY22. DDOG is a leader in a field of emerging cloud monitoring applications which provide analytics across a companies servers, databases, tools, and other spaces. The company has a significant runway for growth with most companies in the early innings of cloud migration. DDOG has strong dollar-based retention rates and growing customers with over \$100k ARR>

IDEAS

WEEKLY TECHNICAL BREAKDOWN

RUN:



Sun-Run (RUN) shares forming a large head-and-shoulders pattern above \$14.65 and recent lows with a breakdown targeting new year-to-date lows. On the daily, a bear flag forming under cloud resistance and the declining 20- and 50-MA just above as resistance.

PAIR TRADE OF THE WEEK

Industry: Spirits

Long/Short: Long **Boston Beer (SAM)**, Short **Brown-Forman (BF.B)**

Analysis: SAM is executing well with better cost discipline and investments paying off in the hot seltzer market. BF/B has traded well and near new highs for the year but stretched valuation (~34X) and recent export data showing an impending slowdown in US whiskey exports to Europe which could create pressure.

SMALL CAP TRADE OF THE WEEK

US Concrete (USCR) shares forming a bull flag just below new 1-year highs and strong relative performance all year. The \$870M provider of building materials like ready-mixed concrete trades 15.5X earnings, 0.59X sales, and 11X FCF. USCR has focused on debt-reduction this year as well as productivity initiatives. They've had some weather-related issues recently but strong history into earnings on 11-8, higher four of the last five.

DAILY OPTIONS REPORT

Unusual Call Activity

Unusual Put Activity

Implied Volatility Riser

Welbilt (WBT)

Under Armour (UAA)

ArQule (ARQL)

RPC (RES)

CBL & Associates (CBL)

Mallinckrodt (MNK)

Vonage (VG)

Chegg (CHGG)

Kontoor (KTB)

Wright Medical (WMGI)

ArQule (ARQL)

Real Real (REAL)

Meredith (MDP)

Uniti (UNIT)

Maxar Tech (MAXR)

Inogen (INGN)

Kontoor (KTB)

Greensky (GSKY)

Lowest Put/Call Ratio

Highest Put/Call Ratio

Implied Volatility Decliner

Graphic Packaging (GPK)

Kirby (KEX)

Wright Medical (WMGI)

Meredith (MDP)

MSG Networks (MSGN)

Southwestern (SWN)

Fiesta Restaurant (FRGI)

OSI Systems (OSIS)

Endo (ENDP)

Vonage (VG)

Cinemark (CNK)

Pattern Energy (PEGI)

Virtu (VIRT)

Immersion (IMMR)

Sogou (SOGO)

Evolent Health (EVH)

Jack in the Box (JACK)

Impinj (PI)

OTM Calls on Offer

OTM Puts on Offer

Elevated IV30

Viacom (VIAB)

Autodesk (ADSK)

Solid Bio (SLDB)

Sprint (S)

Groupon (GRPN)

Axsome (AXSM)

Pinduoduo (PDD)

Blackstone (BX)

Wave Life (WVE)

Sonos (SONO)

Ford Motor (F)

Covetrus (CVET)

Nio (NIO)

CVS Health (CVS)

Overstock (OSTK)

Positive Net Delta

Negative Net Delta

Option Volume Gainers (%)

AMD

Freeport (FCX)

ArQule (ARQL)

PG&E (PCG)

Fitbit (FIT)

Uniti (UNIT)

Bank of America (BAC)

GoPro (GPRO)

Kontoor (KTB)

Adobe (ADBE)

Under Armour (UAA)

Meredith (MDP)

Silver (SLV)

Halliburton (HAL)

Inogen (INGN)

Bullish Call Flow

Bearish Put Flow

Large Spread Trades

Maxar Tech (MAXR)

Elanco (ELAN)

INGN, 1000 November \$60/\$70 call spreads

Murphy Oil (MUR)

CBS Corp (CBS)

XLNX, 1200 Nov. 29th (W) \$102/\$110 call spreads

Five Below (FIVE)

Mallinckrodt (MNK)

PCG, June 2020 \$5/\$3/\$1 put fly bought 3,000X6,000

Walmart (WMT)

AT&T (T)

SYMC, 10,000 January \$24/\$23 bull risk reversals

Alcao (AA)

Teladoc (TDOC)

QQQ, 8000 December \$200 synthetic long spreads

Calendar Continued

Earnings BMO: VMC, SQNS, KL, RDWR, BLMN, CRL, GIB, HUM, SMG, WNC, ALE, BR, CBRE, CIR, CNHI, DEA, GLOG, WLH, DNOW, SEE, AMRX, AES, CARS, CRCM, ENBL, GEL, IMOS, VNTR, WEC, XLRN, AYR, BKI, CWEN, FUN, GCP, JELD, LL, LXP, NSIT, PZZA, SND, VER, VG, WAAS, WD, ANIP, BCOR, CNR, CPRI, CSTE, CVIA, CVS, CYBR, DOC, HZNP, IONS, KELYA, MFA, MIDD, NXST, NYT, ODP, OMI, SBGI, WEN, ESPR, LAUR, PRGO, GOLD, ELAN, PFGC, COTY, PSDO

News Continued

Petrobras (PBR) remains favorite to win Brazil's biggest oil auction in history – Reuters

Germany's **Stada** to buy the OTC and prescription drug units from **Takeda (TAK)** for \$660M – Reuters

Wall Street firms get three more years to comply with MiFiD – Bloomberg

KKR raises largest-ever European buyout fund as it targets deal opportunities – FT

SEC panel urges restructuring of ratings agencies 'conflicted model' (**MCO, SPGI**) – WSJ

Regeneron (REGN) provides update on Phase 3 Libtayo development program

Emerson (EMR) sees review wrapping up in February

Trivago (TRVG) CEO to step down

Kroger's (KR) 2020 profit, same-store sales estimates top expectations

Boeing (BA) CEO's 737 Max Testimony Is Slammed by Key Lawmakers – Bloomberg

Peloton (PTON) Buys Design Firm That Helped Facebook, Google – Bloomberg

Extra

SM Energy (SM) with 2000 December \$10 ITM puts opening into strength late \$1.30

Mirati (MRTX) late day trade opens 2000 January \$100 calls at \$9 spread with 5000 of the \$120 calls that trade \$3.60

DaVita (DVA) buyers of 2660 November \$60 puts for \$1.35 ahead of earnings on 11-5 after the close

Old National Bancorp (ONB) late trade opens 2000 June \$19 calls at \$0.90

Goldman Sachs (GS) opening seller 500 December \$220 puts \$6.75

Century-Link (CTL) with 6000 April \$10 puts bought to open near \$0.40

CIGNA (CI) with 3000 December \$190 calls sold to open for \$3.60

NetApp (NTAP) with another 3900 November \$55 puts bought to open on Monday up to \$1.50, adding to the 6,500 in OI and name which has consistently drawn bearish flow since early September. The November \$50 puts have over 5000 in open interest while the December \$55 puts with 13,000 and the December \$50 puts with 3000 other notables. Shares are back near VWAP from the April highs as well as the 200-MA and YTD VPOC just above at \$61.50. The \$13.84B company trades 12.78X earnings, 2.3X sales, and 17.9X FCF with a 3.3% yield. NTAP has taken down estimates over the last quarter and now sees FY20 EPS down 9.8% with revenues down 8%. The company has been impacted by the trade war and slowdown in general conditions with customers pulling forward a lot of buys last year, especially in All-Flash Arrays where they noted “those customers are most impacted by the spending slowdown in hardware.” They noted that two large customers exposed to US/China cut their capital spending by 30% Y/Y which is clearly trickling down to NTAP. Analysts have an average target for shares of \$60. Goldman Sachs cutting to Sell on 10-10 with a \$45 PT. They think guidance is optimistic given the environment for large enterprise spending which is slowing down. They also think FY21 and FY22 guidance for a bounce back in core product growth is too high given they just cut estimates in July for that business. MSCO on 9-30 noting that checks show a decrease in storage demand which suggests NTAP and other vendors likely to miss with VARs. They also think NTAP’s performance weakened relative to peers following a higher level of discounting. Short interest is 6.4%. Hedge fund ownership rose 4.6% in Q2. Maplelane Capital a buyer of put options while Bridgewater and Cipher Capital buyers of stock.

Earnings

Ticker	Company	EPS Actual	EPS Estimate	Revs Actual	Revs Estimate	Growth	Notes
AAN	Aaron's	\$0.73	\$0.82	\$963.80	\$975.20	1.10%	
ADUS	Addus HomeCare	\$0.62	\$0.57	\$169.80	\$160.25	23.30%	
MDRX	Allscripts Healthcare	\$0.17	\$0.17	\$445.00	\$450.04	2.90%	
AOSL	Alpha and Omega Semi	\$0.04	\$0.02	\$117.80	\$116.97	2.30%	FY Below
AWR	American States Water	\$0.69	\$0.69	\$134.50	\$135.00	8.30%	
BKH	Black Hills Corp	\$0.44	\$0.45	\$325.50	\$385.42	1.10%	
BHF	Brighthouse Financial	\$2.33	\$2.20		\$2,046.45		
BKD	Brookdale Senior Living	-\$0.42	-\$0.29	\$1,008.95	\$1,004.65	-9.90%	
BWXT	BWX Technologies	\$0.79	\$0.65	\$506.00	\$486.02	18.80%	
CBT	Cabot	\$1.05	\$1.11	\$827.00	\$849.44	-2.70%	FY Below
CPE	Callon Petroleum	\$0.19	\$0.18	\$155.38	\$152.61	-3.60%	
CDEV	Centennial	-\$0.01	\$0.02	\$229.13	\$223.55	-2.40%	
CHGG	Chegg	\$0.18	\$0.08	\$94.20	\$89.04	27.00%	FY In Line
CC	Chemours	\$0.59	\$0.57	\$1,390.00	\$1,395.00	-14.60%	
XEC	Cimarex	\$0.91	\$0.93	\$582.31	\$575.31	-1.60%	
CDE	Coeur d'Alene Mines	-\$0.02	-\$0.02	\$199.47	\$199.41	34.10%	

ED	Con Edison	\$1.54	\$1.58		\$3,439.07		
DK	Delek US Holdings	\$0.78	\$0.76	\$2,334.30	\$2,403.09	-15.70%	
DIOD	Diodes	\$0.81	\$0.78	\$323.67	\$322.90	0.80%	
PLOW	Douglas Dynamics	\$0.55	\$0.49	\$141.87	\$132.90	13.60%	
ELVT	Elevate Credit	\$0.11	\$0.08	\$192.80	\$193.34	-4.30%	
ENDP	Endo Intl	\$0.60	\$0.53	\$729.00	\$709.01	-2.10%	
ETH	Ethan Allen	\$0.35	\$0.35	\$173.92	\$174.07	-7.40%	
EVBG	Everbridge	-\$0.04	-\$0.05	\$52.55	\$51.42	35.00%	FY Above
EVER	EverQuote	\$0.01	-\$0.08	\$67.10	\$58.30	60.90%	FY Above
FN	Fabrinet	\$0.86	\$0.82	\$399.00	\$390.30	5.80%	FY Above
FICO	FICO	\$2.01	\$1.68	\$305.30	\$287.06	19.00%	FY In Line
FRPT	Freshpet	\$0.08	\$0.10	\$65.27	\$64.37	28.50%	
FTSI	FTS International	-\$0.10	\$0.03	\$186.00	\$200.86	-44.40%	
GRPN	Groupon	\$0.01	\$0.02	\$495.60	\$523.71	-16.40%	
HIG	Hartford Financial	\$1.50	\$1.23	\$5,347.00	\$5,220.50	10.40%	
HLIO	Helios Technologies	\$0.61	\$0.58	\$138.00	\$136.74	1.60%	
HTZ	Hertz Global	\$1.60	\$1.50	\$2,836.00	\$2,840.33	2.80%	
HHC	Howard Hughes	\$1.32	-\$0.05	\$231.17	\$234.78	-10.10%	
HUD	Hudson	\$0.26	\$0.28	\$523.00	\$533.87	-0.70%	
PI	Impinj	\$0.09	\$0.00	\$40.76	\$38.21	18.50%	
IFF	Intl Flavors	\$1.53	\$1.52	\$1,267.35	\$1,289.42	39.70%	FY In Line
ITRI	Itron	\$1.04	\$0.66	\$624.47	\$622.63	4.80%	FY In Line
JKHY	Jack Henry	\$1.16	\$1.04	\$438.00	\$420.34	11.60%	
KAMN	Kaman	\$0.46	\$0.35	\$182.67	\$177.33	16.30%	
KMPR	Kemper	\$1.91	\$1.39	\$1,243.80	\$1,223.59	4.00%	
KMT	Kennametal	\$0.17	\$0.17	\$518.09	\$517.49	-11.70%	
LMNX	Luminex	-\$0.12	-\$0.06	\$78.67	\$81.75	8.60%	FY Below
VAC	Marriot Vacations	\$1.97	\$2.02	\$1,139.00	\$1,119.38	51.90%	
MAR	Marriott	\$1.47	\$1.50	\$5,284.00	\$5,136.24	4.60%	FY Below
DOOR	Masonite International	\$1.08	\$0.98	\$552.19	\$557.92	-0.90%	
MAXR	Maxar Technologies Ltd	-\$0.44	\$0.59	\$479.00	\$466.91	-5.90%	
MDR	McDermott	-\$1.80	-\$0.73	\$2,121.00	\$2,454.47	-7.30%	
MOS	Mosaic		\$0.22		\$2,669.69		
MYGN	Myriad Genetics	\$0.08	\$0.31	\$186.30	\$202.34	-7.90%	FY Below

NCMI	National Cinemedia	\$0.12	\$0.13	\$110.50	\$118.75	0.40%	FY Below
LASR	nLIGHT	\$0.01	\$0.02	\$43.80	\$43.92	-14.10%	FY Below
NTR	Nutrien		\$0.42		\$4,019.30		
OXY	Occidental Petro	\$0.11	\$0.45	\$5,871.00	\$5,591.80	-4.90%	
OTTR	Otter Tail Power		\$0.65		\$240.30		
OUT	OUTFRONT Media	\$0.27	\$0.39	\$462.50	\$461.97	11.70%	
PLMR	Palomar Holdings	\$0.40	\$0.40		\$29.33		
PAHC	Phibro Animal Health	\$0.19	\$0.24	\$190.00	\$199.22	-5.00%	
PXD	Pioneer Natural Resources	\$1.99	\$1.96	\$2,325.00	\$2,316.67	-6.10%	
PBPB	Potbelly	\$0.04	\$0.01	\$104.20	\$103.77	-2.60%	
APTS	Preferred Apt. Communities	\$0.31	\$0.36	\$120.20	\$117.91	15.40%	
PRU	Prudential	\$3.20	\$3.07		\$14,248.17		
QTS	QTS Realty Trust	\$0.65	\$0.65	\$125.26	\$119.89	11.60%	
RMBS	Rambus	-\$0.16	\$0.23	\$57.40	\$89.00	-3.90%	
RYAM	Rayonier Adv. Materials	-\$0.29	-\$0.18	\$416.00	\$471.24	-17.00%	
O	Realty Income	\$0.83	\$0.83	\$374.20	\$369.86	10.70%	FY In Line
RNG	RingCentral	\$0.22	\$0.19	\$233.35	\$221.37	34.20%	FY In Line
SWM	Schweitzer-Mauduit	\$1.01	\$0.84	\$256.40	\$258.40	-1.50%	
SHAK	Shake Shack	\$0.26	\$0.21	\$157.76	\$157.45	31.90%	FY Below
STE	Steris	\$1.32	\$1.25	\$736.84	\$717.79	8.50%	FY Above
STRL	Sterling Construction	\$0.37	\$0.41	\$291.70	\$280.50	0.10%	
SHO	Sunstone Hotel	\$0.29	\$0.28	\$281.64	\$278.57	-2.70%	
SYKE	Sykes Enterprises	\$0.56	\$0.47	\$397.50	\$401.73	-0.50%	FY Below
SNCR	Synchronoss Tech	-\$0.62	-\$0.40	\$52.21	\$88.50	-37.30%	
TCMD	Tactile Systems	\$0.12	\$0.11	\$49.60	\$45.47	36.60%	
TNDM	Tandem Diabetes Care	-\$0.09	-\$0.22	\$94.66	\$89.28	104.60%	FY In Line
THC	Tenet Healthcare	\$0.58	\$0.32	\$4,568.00	\$4,455.62	1.80%	FY In Line
REAL	The RealReal	-\$0.27	-\$0.31	\$80.50	\$75.90	55.40%	
TSE	Trinseo	\$0.67	\$0.88	\$922.10	\$1,024.86	-23.10%	FY Below
UBER	Uber	-\$0.68	-\$0.84	\$3,813.00	\$3,684.92	29.50%	
VECO	Veeco Instruments	\$0.05	-\$0.01	\$108.95	\$104.37	-14.00%	FY In Line

EVBG – Beat on EPS and Revenues - We exceeded our revenue and profitability guidance while also delivering an impressive list of achievements in the third quarter. During the quarter, we closed the

largest state deal in our history, our largest IT alerting win, and signed a record number of new Critical Event Management customers, including our first Federal government CEM customer, while also scaling our business internationally. We benefited from the power of partnerships in several transactions to complement our direct sales efforts and expect to further leverage channel relationships to extend our sales reach

SHAK –Lowers FY19 Same-Shack sales growth view to approximately 1.5% from approximately 2% and raises licensed Shack openings, net view to 24-28 from 18-20. Still sees domestic company-operated Shack openings of 38-40. CEO Randy Garutti said, "This has been the biggest development year in Shack history as we've grown our presence around the country and internationally in the new markets of Mainland China, Singapore, the Philippines and Mexico. In 2020, we will continue to expand even further within key domestic and international markets. Overall, we continue to execute this year's plan while gearing up for the key strategic initiatives of 2020."

UBER – Beats on EPS and Revenues - Rides Adjusted EBITDA is up 52% year-over-year and now more than covers our corporate overhead. Revenue growth and take rates in our Eats business also accelerated nicely. We're pleased to see the impact that continued category leadership, greater financial discipline, and an industry-wide shift towards healthier growth are already having on our financial performance.

PXD – Lowering CapEx outlook - Pioneer reported another outstanding quarter where we executed at a high level, underspent our capital budget and delivered strong production growth. We continue to drive down costs as demonstrated by a further reduction in our 2019 capital budget, including achieving our goal to reduce facilities spending earlier than we had expected, and realizing our first full quarter of reduced G&A spending. "The unique combination of our peer-leading asset base and increased efficiencies resulted in strong free cash flow generation of approximately \$250 million during the third quarter.

ADUS – Beat on EPS and Revenues - Our Q3 revenue includes strong organic growth, with same-store sales for our personal care services increasing 7.7%, ahead of our target range of 3%-5%. In addition to overall favorable demand trends during the quarter, additional key drivers for this increase were the expected higher contributions from our New York market due to the state-led narrowing of the provider network and increased reimbursement rates from managed care plans in our Illinois market that commenced July 1

EVER – Beat on EPS and Revenues - The strength of our data-driven marketplace, coupled with strategic investments in driving traffic, improving the customer experience and expanding engagement with our insurance provider network, delivered a strong third quarter. We continue to diversify our business with growth in our home and renters, life, and health insurance verticals, as well as the launch of commercial, to capitalize on the massive market opportunity.

TNDM – Beat on EPS and Revenues - Our third quarter results once again demonstrate that technology drives customer adoption, and that there is meaningful long-term opportunity to continue bringing the benefits of insulin pump therapy to people with diabetes worldwide. With approval of the t:slim X2 insulin pump with Control-IQ technology pending, we're positioned for an exciting end of 2019

and beyond as we work to continue driving growth through innovation and further our mission to improve the lives of people with diabetes.

AAN – Lowering Outlook - While the third quarter was challenging, both Progressive and the Aaron's Business accomplished key objectives, which we believe significantly improve our long-term prospects for growth. At Progressive, third quarter invoice growth of 18.6% modestly decelerated from the second quarter. However, we expect increased productivity from new and existing retailers to drive accelerating invoice growth in the fourth quarter. In the Aaron's Business, the team launched new sales and marketing programs, which resulted in the strongest delivery growth the business has experienced in many years but also led to a decline in collections performance as our stores adapted to the new program. Given the positive momentum we are seeing in both businesses, we remain optimistic that we can continue to deliver long-term earnings growth

MAR – Missed on EPS and Beat on Revenues - Q3 comparable systemwide constant dollar RevPAR rose 1.5% worldwide, 1.9% outside North America and 1.3% in North America. The company added more than 17,700 rooms during Q3, including roughly 3,100 rooms converted from competitor brands and approximately 6,700 rooms in international markets. For the 2019 fourth quarter, Marriott expects comparable systemwide RevPAR on a constant dollar basis will be flat to up 1 percent in North America, increase roughly 1 percent outside North America, and increase roughly 1 percent worldwide.

MYGN – Cuts Outlook - In the fiscal first-quarter, Myriad made approximately an \$11 million reserve adjustment for hereditary cancer revenue due to lower cash collections from small payers as a result of the deletion of the current procedural terminology, CPT codes 81211 and 81213. As a result, the company has revised its revenue accrual rate, and is forecasting lower hereditary cancer rates for fiscal year 2020. Myriad will provide a detailed summary of the changes on its fiscal first-quarter 2020 earnings call. Hereditary cancer volumes grew at a double-digit growth rate on a year-over-year basis for both the company's oncology and women's health business units

CC – Sees Weak 2020 Outlook - Looking ahead, we anticipate softer economic activity as we head into 2020, but are actively monitoring trade and other issues, which could change the dynamic. The Chemours team continues to work hard to build deeper relationships with our customers, through initiatives such as Ti-Pure Value Stabilization and our application development work in Fluoroproducts. I remain confident that our customers' success will be our own, and investments in our customer offerings will create value for our shareholders over time.

MOS – Cutting Outlook - Revised guidance reflects the impact of historically low potash sales volumes due to delays in Canpotex shipments to India and China, and expectations that phosphates margins and pricing remain consistent with September 2019 levels, \$10 to \$15 per tonne lower than the third quarter 2019 average. Mosaic expects that the North American 2019 fall application season will be strong, but given distributors' high inventories, strong applications may not result in strong near-term revenue recognition. Both Phosphates and Mosaic Fertilizantes are expected to see full year volumes at the low end of the original guidance ranges.

Earnings Before the Open

Ticker	Company	EPS Actual	EPS Estimate	Revs Actual	Revs Estimate	Growth	Notes
AGN	Allergan	\$4.25	\$4.20	\$4,025.70	\$3,880.65	2.90%	
AMRN	Amarin	-\$0.01	-\$0.04	\$112.40	\$110.04	104.40%	
AMRC	Ameresco	\$0.18	\$0.26	\$212.03	\$235.41	3.20%	
ARNC	Arconic	\$0.58	\$0.52	\$3,559.00	\$3,586.48	1.00%	
ASC	Ardmore Shipping		-\$0.20		\$29.98		
AFI	Armstrong Flooring	-\$0.51	\$0.20	\$165.60	\$198.50	-20.70%	
ATRO	Astronics	\$0.04	\$0.22	\$177.00	\$174.51	-16.80%	
ATH	Athene Holding	\$1.34	\$1.78	\$1,070.00	\$1,314.86	0.00%	
ATHM	Autohome	\$0.82	\$0.83	\$303.60	\$306.01	10.40%	FY Below
AVNS	Avanos Medical	\$0.30	\$0.31	\$171.40	\$179.98	3.80%	
AVTR	Avantor	\$0.15	\$0.15	\$1,503.80	\$1,530.09	0.60%	FY In Line
BCPC	Balchem	\$0.81	\$0.74	\$158.60	\$166.42	2.30%	
BDX	Becton Dickinson	\$3.31	\$3.31	\$4,584.00	\$4,565.07	4.10%	FY Below
BPMC	Blueprint Medicines	-\$1.93	-\$2.19	\$9.14	\$2.85	734.60%	
BMCH	BMC Stock Holdings	\$0.58	\$0.53	\$964.25	\$947.70	-2.60%	
CHK	Chesapeake Energy	-\$0.11	-\$0.09	\$1,170.00	\$1,153.74	-2.40%	
CHH	Choice Hotels		\$1.29		\$306.10		
CNK	Cinemark	\$0.27	\$0.48	\$821.82	\$807.69	9.00%	
CCC	Clarivate Analytics	\$0.14	\$0.06	\$243.10	\$242.35	3.20%	
CEIX	CONSOL Energy	\$0.16	\$0.64	\$301.54	\$343.95	2.30%	
EMR	Emerson	\$1.07	\$1.07	\$4,971.00	\$5,023.06	1.70%	FY Below
NPO	Enpro Industries	\$1.13	\$1.31	\$373.00	\$381.43	-3.90%	FY Below
EQM	EQT Midstream Partners	-\$0.18	\$1.00	\$408.40	\$408.98	12.00%	
EXPD	Expeditors Intl		\$0.91		\$2,151.85		
FIS	Fidelity Nat'l Info	\$1.43	\$1.35	\$2,822.00	\$2,836.07	35.40%	FY In Line
FI	Frank's International	-\$0.11	-\$0.06	\$140.42	\$157.87	8.90%	
FTDR	Frontdoor	\$0.72	\$0.66	\$407.00	\$411.14	8.00%	
GSKY	GreenSky	\$0.23	\$0.22	\$153.42	\$143.68	34.70%	
GSX	GSX Techedu	\$0.12	\$0.09	\$557.00	\$485.07	461.50%	FY Above
HLNE	Hamilton Lane	\$0.50	\$0.52	\$64.29	\$70.71	15.20%	
HSIC	Henry Schein	\$0.90	\$0.86	\$2,508.77	\$2,517.27	6.50%	

IPHS	Innophos Holdings		\$0.55		\$185.55		
ICPT	Intercept Pharma	-\$2.59	-\$2.34	\$61.95	\$63.89	31.80%	
IPI	Intrepid Potash	\$0.00	\$0.04	\$51.20	\$44.19	23.70%	
JLL	Jones Lang LaSalle		\$2.68		\$2,446.82		
LAMR	Lamar Advertising	\$0.99	\$1.05	\$457.80	\$452.91	9.40%	
LCII	LCI Industries	\$1.42	\$1.39	\$586.20	\$578.87	-3.00%	
LGIH	LGI Homes	\$1.93	\$1.89	\$483.10	\$486.83	27.00%	FY Above
LPX	Louisiana-Pacific	\$0.08	\$0.20	\$603.00	\$606.71	-18.20%	
MNK	Mallinckrodt plc	\$2.07	\$1.96	\$743.70	\$770.56	-7.00%	FY Above
MYE	Myers Industries	\$0.15	\$0.14	\$125.48	\$134.90	-7.20%	
MYL	Mylan N.V.	\$1.17	\$1.14	\$2,961.70	\$3,006.69	3.50%	FY In Line
NEM	Newmont Goldcorp		\$0.39		\$2,826.98		
NOVT	Novanta	\$0.53	\$0.52	\$154.10	\$155.04	-4.20%	FY Below
OXFD	Oxford Immunotec	\$0.03	-\$0.02	\$21.20	\$20.23	31.70%	
PTON	Peloton	-\$1.29	-\$0.40	\$228.00	\$199.35	103.40%	FY Above
PBI	Pitney Bowes	\$0.24	\$0.22	\$790.10	\$768.46	3.90%	FY In Line
PPL	PPL Corp		\$0.62		\$2,043.51		
PINC	Premier	\$0.68	\$0.66	\$302.40	\$295.50	3.30%	
RCM	R1 RCM	\$0.01	\$0.08	\$301.20	\$302.85	20.30%	
RPD	Rapid7	\$0.01	-\$0.03	\$83.20	\$80.11	33.30%	FY In Line
REGN	Regeneron Pharma	\$6.67	\$6.40	\$2,048.00	\$1,981.57	23.20%	
SERV	ServiceMaster	\$0.31	\$0.31	\$528.00	\$528.05	6.50%	FY In Line
SSTK	Shutterstock	\$0.29	\$0.15	\$159.08	\$161.77	5.00%	
SRC	Spirit Realty Capital	\$1.27	\$0.82	\$167.00	\$113.15	52.40%	
SXC	SunCoke Energy	\$0.13	\$0.09	\$404.30	\$359.05	10.90%	
SGRY	Surgery Partners	-\$0.28	-\$0.18	\$452.00	\$452.30	1.80%	
TPR	Tapestry	\$0.40	\$0.37	\$1,357.90	\$1,375.62	-1.70%	
TLRA	Telaria	-\$0.06	-\$0.06	\$16.60	\$16.56	23.00%	
THR	Thermon Group		\$0.22		\$92.24		
TA	TravelCenters of America	\$0.23	\$1.29	\$1,570.49	\$1,485.91	-5.40%	
TRVG	trivago	\$0.00	\$0.03	\$250.30	\$260.04	-1.30%	
UNVR	Univar Solutions	\$0.36	\$0.35	\$2,387.30	\$2,392.61	13.50%	
USFD	US Foods	\$0.65	\$0.61	\$6,531.00	\$6,526.27	6.10%	FY Above
USAC	USA Compression	\$0.02	-\$0.03	\$175.76	\$172.88	4.00%	

VRTV	Veritiv		\$0.57		\$2,037.36		
VIRT	Virtu Financial	\$0.21	\$0.21	\$245.00	\$241.79	37.70%	
VPG	Vishay Precision		\$0.35		\$67.38		
VST	Vistra Energy	\$0.25	\$0.66	\$3,194.00	\$3,208.06	-1.50%	
WBT	Welbilt	\$0.22	\$0.25	\$410.50	\$423.03	-0.60%	FY Below
WLK	Westlake Chemical	\$1.22	\$1.03	\$2,066.00	\$2,155.88	-8.40%	
ZBH	Zimmer Biomet	\$1.77	\$1.75	\$1,892.00	\$1,874.69	3.00%	

Earnings Preview

Avalara (AVLR) will report earnings tonight after the Close with the Street looking for a \$0.09 loss on \$93.12M in revenue. Next quarter is guided to -\$0.08 and \$96.05M with the FY at -\$0.22 on \$365.42M. AVLR has raised estimates twice already this year and expects profitability in FY22. Shares have traded higher each of the last four with an average move of 11.78% and a max move of 23.4%. Shares are pricing in a 14.4% expected move through November expiration with IV30 elevated in the 97th percentile. The \$5.26B company trades rich at 15.6X EV/sales and 11.9X cash. AVLR provides tax compliance software for businesses. They have a massive market opportunity with the growth in e-commerce, especially International, while individual state tax codes continue to get more complex. AVLR's adoption has been unsteady, historically, as they tend to see new customer adds through 'trigger events' like audits, accountant changes, geographic expansion or ERP upgrades which don't occur regularly. They got a major boost in 2018 after SCOTUS ruled that states could require sellers to collect and remit sales tax based on location for the first time. Analysts have an average target for shares of \$86. Piper started coverage at Overweight on 10-29 with a \$93 PT. The firm thinks there's a large greenfield market opportunity for compliance software and believes new regulations are helping stimulate adoption. The 2018 SCOTUS decision is a notable tailwind as well. BAML positive on 10-16 expecting Q3 to be solid. They note after checks with a number of the company's accounting and ISV partners that continued adoption of its applications for sales tax compliance is happening at various adoption trigger events. Mizuho positive on 10-10 with a \$90 PT notes that TX and AZ both enacted economic nexus laws which went into place on 10/1 and are an added driver for the 2020 outlook. Short interest is 4.1% but doubling since September. Hedge fund ownership fell 19% in Q2 largely due to Sageview Capital selling 7.8M shares and Warburg Pincus selling 7.55M.

Date	Description	Volume	Open.Int	Price	Delta	Impl Vol	Prob.ITM	Premium Paic
10/22/2019	AVLR 100 20 DEC 19 65 CALL	725	0	\$6.40	0.54	60.61%	44.03%	\$464,000
10/10/2019	AVLR 100 15 NOV 19 80 CALL	684	960	\$3.52	0.36	74.57%	27.80%	\$259,920
10/3/2019	AVLR 100 15 NOV 19 70 CALL	1,158	3,208	\$6.00	0.51	72.13%	40.87%	\$729,540
10/2/2019	AVLR 100 19 JUN 20 65 CALL	202	8	\$14.40	0.61	62.59%	40.58%	\$290,880
9/30/2019	AVLR 100 15 NOV 19 70 CALL	2,012	1,585	\$5.80	0.49	69.55%	39.41%	\$1,166,960
9/24/2019	AVLR 100 15 NOV 19 75 CALL	1,015	1,727	\$7.36	0.55	66.85%	44.44%	\$771,400
9/10/2019	AVLR 100 15 NOV 19 70 CALL	1,505	106	\$8.14	0.59	65.12%	47.86%	\$1,414,700
9/9/2019	AVLR 100 15 NOV 19 75 CALL	1,554	105	\$7.85	0.55	58.26%	45.48%	\$1,274,280
8/16/2019	AVLR 100 15 NOV 19 80 CALL	1,000	234	\$13.30	0.65	58.33%	54.04%	\$1,350,000
4/12/2019	AVLR 100 15 NOV 19 60 CALL	211	54	\$7.70	0.53	47.81%	38.84%	\$162,470