

IN THIS ISSUE

| ı |
|---------|
| 1 |
| 2 |
| 3 |
| 5 |
| s |
| s 16 |
| |

General Information

Subscriptions are \$495 / Year or \$49.50 / Month.

If you have questions regarding our InsiderInsights newsletter or the InsiderInsights.com website, call (212) 784-6860, or email support@insiderinsights.com.

InsiderInsights is published by Ex Officio LLC, a New York Limited Liability Company.

Director of Research: Jonathan Moreland

INSIDE THE MARKET

Our Interpretation of Insiders' Top-Down Sentiment.

Our Insider-Based Market Indicator confirmed the bullish trend change it flashed last issue, and did so with a very convincing 17.2% downward move. We have reduced cash further, but "only" to 15%.

It was surprising to us to see our Indicator flip bullish last issue with all the trade and interest-rate uncertainty hanging over the indices, but we have to hand it to our Indicator once again for helping to moderate our curmudgeonly bias these days.

The fact that we're still not willing to go fully invested after the confirmation of our Indicator's bullish signal betrays our continued concerns. We know there's a portion of our clientele who are much more optimistic than we are about the eventual outcome of the president's tariff war, and the ability of the U.S. economy to grow its way out of the tax-cut related increase in the national debt. Being net long by far, we certainly hope the optimists are right.

In the very near term, the expected Fed pliability and the fact that trade talks are schedule with China make our Indicator's bullish flip perfectly understandable—and tradeable. The Russell 2000's recent surge relative to the S&P 500 index is another healthy development. It's also particularly bullish for our insider-oriented investment approach, which (as we've discussed in the past) tends to generate more "Significant" signals at smaller firms for rea-

sons that are both logical and practical.

We still believe the Chinese have no intention of actually concluding a trade deal in the next year that would give the president a "win" on this critical issue. And the scheduled negotiations are consistent with a strategy to string discussions along leading into next year's U.S. elections.

But here again we hope we're wrong, and, in any case, that risk doesn't even appear to be the biggest potential near-term market kill-joy after the stunning attack on Saudi Arabia's oil infrastructure.

Bottom line is that we are happy to feel bullish enough to bring our cash down to 15%. But we are absolutely still keeping an eye on the exits given the obvious risks to global economic activity, the potential for the Fed to be more grudging with its rate cut than expected—and, of course, the proven vulnerability of stock market rallies to being killed by a tweet.

To Review: Our Insider-Based Market Indicator is an "incidental" indicator, and *not* constructed to be a short-term trading signal. Trying to call a market top or bottom ahead of time is a suckers game. Our Indicator attempts to confirm—or not—longer-term trend changes in the market asap after they begin. A much more reasonable endeavor.

(Continued on page 4)

NEW RECOMMENDATIONS

Stocks added to our Recommended List.

Bought: At Home (HOME) @ \$8.56 (Purchased Via 9/11 Email Alert.)

After talking ourselves out of buying into recent, quick moving insider-bought stocks like Fastly (FSLY) and JC Penney (JCP), we bought into the momentum in shares of At Home (HOME) last week after they already spiked 18% in short order.

We're old fashioned in that we tend towards taking time to undertake real analysis of stocks after they reach the stage of "Significance" in our insider Ratings system. So it's annoying when Significantly insider-bought stocks take off before we can finish our usual research process.

That occurred again with shares of At

Home last week. But with yet another large bout of insider buying filed at the SEC strengthening the Significance of HOME's InsiderInsights Company Rating, we jumped on board anyway.

Five execs and a beneficial owner have bought over \$11 million worth of HOME since its gap down late August. Four of the five executives have profitable track records with their last purchases of HOME, and all increased their holdings substantially with their latest attempt at bottom fishing. Prices paid by insiders ranged from a low of \$5.89, to a high of \$7.99.

At Home operates home decor superstores in the United States, offering big-box price discounts on home furnishings like furniture, mir-

(Continued on page 3)





RECOMMENDED LIST

Independent research opinions on stocks I have invested in, after using insider data as a first screen to determine where to focus our fundamental research. The weekly performance of my Recommended List is calculated by averaging the weekly performances of all the positions on the List. Buy and Short-rated stocks are counted as full positions. Hold-rated stocks are counted as half positions. The weekly performance of our List is then further adjusted for the percentage of Cash we are recommending.

| Company | Tieker | Rec. | | Rec. | Viold | | 9/13/19 Price | % Gain | Wks | Period | Previous | Dating |
|----------------------------|--------|--------------|-----|----------------------|---------|------|------------------|------------------|------------|---------------------|---------------|-----------------|
| Cerecor | Ticker | Date 6/20/18 | \$ | Price 4.81 | Yield | | *\$ 3.77 | (Loss) -21.6% | Held 65 | Change 28.7% | Update 6/3/19 | Rating Sold |
| Koppers Holdings | KOP | 11/15/18 | \$ | 21.19 | | \$ | 29.84 | 40.8% | 44 | 12.0% | 6/17/19 | Buy |
| SS&C Technologies | SSNC | 11/20/18 | \$ | 44.77 | | | \$ 52.49 | 17.2% | 43 | 7.3% | 6/17/19 | Sold |
| Spartan Motors | SPAR | 12/11/18 | \$ | 7.17 | | \$ | 13.99 | 95.1% | 40 | 18.3% | 7/26/19 | Buy |
| OptimizeRx | OPRX | 1/28/19 | \$ | 11.22 | | | \$ 16.23 | 44.7% | 33 | -0.7% | 6/10/19 | Sold |
| Synalloy Corporation | SYNL | 2/25/19 | \$ | 13.87 | 1.80% | | 16.04 | 15.6% | 29 | 2.3% | 4/29/19 | Buy |
| Calix | CALX | 3/4/19 | \$ | 8.16 | 1.00 /0 | \$ | 6.51 | -20.2% | 28 | 8.3% | 3/4/19 | Buy |
| | - | 4/10/19 | \$ | | | _ | 10.69 | | 23 | | | |
| Frequency Electronics | FEIM | | Ļ, | 12.06 | 0.400/ | \$ | | -11.4% | | -0.5% | 7/26/19 | Buy |
| Cubic Corporation | CUB | 6/4/19 | \$ | 59.69 | 0.48% | - | 71.67 | 20.1% | 15 | 7.0% | 6/3/19 | Buy |
| II-VI Incorporated | IIVI | 6/4/19 | \$ | 32.66 | 0.000/ | \$ | 41.01 | 25.6% | 15 | 5.3% | 6/3/19 | Buy |
| Mosaic Company | MOS | 6/18/19 | \$ | 23.28 | 0.93% | | 22.65 | -2.7% | 13 | 15.9% | 6/17/19 | Buy |
| MGM Resorts | MGM | 6/28/19 | \$ | 28.45 | 1.83% | | 29.07 | 2.2% | 11 | 2.7% | 7/1/19 | Buy |
| Hooker Furniture | HOFT | 6/28/19 | \$ | 21.31 | 2.91% | | 20.97 | -1.6% | 11 | 10.4% | 7/1/19 | Buy |
| Macerich Company | MAC | 6/28/19 | \$ | 33.34 | 8.96% | i i | 33.23 | -0.3% | 11 | 10.0% | 7/1/19 | Buy |
| J.Jill | JILL | 7/19/19 | \$ | 2.10 | | \$ | 2.32 | 10.5% | 8 | 9.4% | 7/22/19 | Buy |
| G-III Apparel | GIII | 7/19/19 | \$ | 26.65 | | \$ | 26.86 | 0.8% | 8 | 11.1% | 7/22/19 | Buy |
| Eaton Vance FR Inc PI Fund | EFF | 8/1/19 | \$ | 15.20 | 6.46% | \$ | 15.13 | -0.5% | 7 | -0.3% | 8/5/19 | Buy |
| Vapotherm | VAPO | 8/7/19 | \$ | 13.20 | | \$ | 9.06 | -31.4% | 6 | -19.6% | 8/12/19 | Buy |
| Energizer Holdings | ENR | 8/15/19 | \$ | 35.59 | 3.27% | \$ | 45.31 | 27.3% | 5 | 11.5% | 8/19/19 | Buy |
| Sunrun | RUN | 8/26/19 | \$ | 14.66 | | \$ | 15.96 | 8.9% | 3 | 6.2% | 8/26/19 | Buy |
| Fluent | FLNT | 8/26/19 | \$ | 2.91 | | \$ | 2.87 | -1.4% | 3 | 3.6% | 8/26/19 | Buy |
| Target Hospitality | TH | 8/26/19 | \$ | 6.20 | | \$ | 6.96 | 12.3% | 3 | 7.6% | 8/26/19 | Buy |
| AbbVie | ABBV | 8/26/19 | \$ | 65.97 | 6.34% | \$ | 70.51 | 6.9% | 3 | 4.3% | 8/26/19 | Buy |
| Party City | PRTY | 8/26/19 | \$ | 5.00 | | | * \$ 6.22 | 24.4% | 3 | 20.1% | 8/26/19 | Sold |
| Codexis | CDXS | 9/10/19 | \$ | 13.65 | | \$ | 14.36 | 5.2% | 1 | 5.2% | 9/9/19 | Buy |
| At Home | HOME | 9/11/19 | \$ | 8.56 | | \$ | 9.21 | 7.6% | 1 | 7.6% | 9/16/19 | Buy |
| * 9/12 Sale Price. | • | • | | Weekly | Recom | me | nded Lis | st Perform | ance: | 7.45% | | • |
| Weekly I | Recomm | ended List | Per | formand | e Adjus | sted | for 25% | Cash Ho | ldings: | 5.58% | 9/16/19 | ₽ to 15% |
| | | | | | Week | dy | Perform | ance of S | &P 500 | 0.96% | | |
| | | | | w | | • | | of Russe | | 4.85% | | |

| | Recommended Lis | t Performance As O | f Close: 9/13/19 |
|-----------------|-----------------|--------------------|------------------|
| | Latest Week | Latest 4-Wks | Year to Date |
| InsiderInsights | 5.6% | 3.8% | 24.6% |
| Russell 2000 | 4.8% | 2.9% | 17.0% |
| S&P 500 | 1.0% | 2.6% | 20.0% |



NEW RECOMMENDATIONS

Stocks added to our Recommended List.

(Continued from page 1)

rors, cushions, rugs, wall art; bedding, accessories and window treatments.

Sentiment has understandably been horrible on At Home and its peers this year. The threats of tariffs increasing costs, Amazon (AMZN) stealing business, and fears of an economic slowdown dampening demand in general explain why HOME cratered from a high of \$25 earlier this year, to below \$5 at its August nadir. There have also been company specific concerns that management was unreasonable with growth expectations at the expense of free cash flow.

Following from these negatives, At Home's Q2 EPS of 18 cents represented a sharp decline from the 34 cents it earned the year before, and the event also include a reduction of guidance.

But the quarter wasn't all bad. EPS was down, but beat reduced expectations

by 3 cents. Revenues also increased over 18% year-over-year, to \$342 million, showing that demand remains decent even if profit margins aren't. Bending to shareholder concerns, management also agreed to focus on slowing down store growth to help generate positive free cash flow.

To be sure, At Home's slashed earnings expectations over the past quarter are clearly bad. Just a few months ago, HOME was expected to generate EPS or \$1.03 this year and \$1.31 next. Those metrics are now just \$0.68 and \$0.87.

At this point, only 6 of the 11 analysts following the stock rate if "Buy" or better. HOME has already bounced back up around the mean price target of the group. And while the upside price target is much higher at \$14, the low end is down at \$5.50.

But we're betting that insiders didn't

buy into HOME with the expectation it would stall our in the mid \$8 region. The very Significant insider buying cluster gives us optimism that At Home's Q3 is more likely to justify the less bullish analysts amongst the sell side to upgrade their expectations, than to justify capitulation by the more bullish analysts following the firm.

Our larger and nearer-term bet, however, is that the recent optimism in the market can last long enough to keep HOME's recent upwards momentum going as well. We'd be happiest to harvest a quick trading profit in HOME based on pure momentum, before Q3 is even released.

COMPANY UPDATES

Updated research on past recommendations.

Sold Positions Into Market Strength (Sold Via 9/12 Email Alert.)

What a fabulous week! Even with our still-high 25% cash level, our Recommended List gained 5.6%—beating even the surging Russell 2000.

The joy, the gains, the fab momentum...

..It was time to sell something!

The reason for selling is simple: we just don't trust any strong weekly trend to last in this market that is being moved more by politics than fundamentals.

Our sales via last Thursday's email alert were:

Cerecor (CERC) @ \$3.77; SS&C Tech (SSNC) @ \$52.49; OptimizeRx (OPRX) @ \$16.23, and; Party City (PRTY) @ \$6.22.

Three of our four sales are older positions. That's consistent with our policy of keeping our Recommended List overweighed with fresher ideas that have yet to play out, in order to better service the constant wave of new clients entering the service.

SSNC delivered a 17.2% gain over a 43-week holding period and **OPRX** generated a 44.7% profit in just 33 weeks. **CERC** was the one loser amongst our

sales, costing us 21.6% over 65 weeks.

SSNC was actually a bit disappointing despite its final gain. It was a far larger winner for us before the stock overreacted (in our opinion, at least) to the slightly reduced guidance communicated during its Q2 earnings event.

Fundamentally we still view SSNC as attractive, and clients in this stock can justify sticking with it. But insiders did not buy into the stock's Q2 pullback Significantly, making it inappropriate for our insider-based service.

We have no complaints with OPRX. Insiders did a great job of bringing this underfollowed microcap to our attention, and the company has not disappointed with its quarterly results.

We're not put off that OPRX' Significantly Bullish insider signal is old, and that insiders were last seen selling. When a position works out as well as OPRX has, we expect insiders to start taking profits before we do.

OPRX is another stock clients can feel fundamentally comfortable to continue holding based on its still-attractive growth and valuation metrics. But we have no more value to add to this winner on our pages, and our sale of OPRX is definitely just a matter of us making room for fresh-

er ideas.

CERC is a huge disappointment, and we're at risk of adding to that disappointment by potentially selling it poorly as well. Fact is, CERC has maintained a "Significantly Bullish" insider Rating throughout its (too) long holding period. If we hadn't bought it previously, it would be a legitimate consideration today.

But the other fact is that this dev-stage biotech has faltered despite insider support and reasonable FDA progress. We were obviously wrong to expect better price action from CERC given these usually bullish factors, and we have no new insight right now on CERC's prospects for us to expect that we will be right if we held it for yet another year. This service has given CERC enough time to shine. It hasn't, and we are moving on.

We've also taken our quick and fabulous 24.4% profit in **Party City (PRTY)** after just three weeks! PRTY is the clear stand out of the five stocks we added as likely short-term trades in our August 26th issue. We (correctly) viewed indices as looking oversold in the short-term back then, and it would just be greedy not to keep to our trading plan with PRTY after its impressive 20% surge last week.





INSIDE THE MARKET

Our Interpretation of Insiders' Top-Down Sentiment.

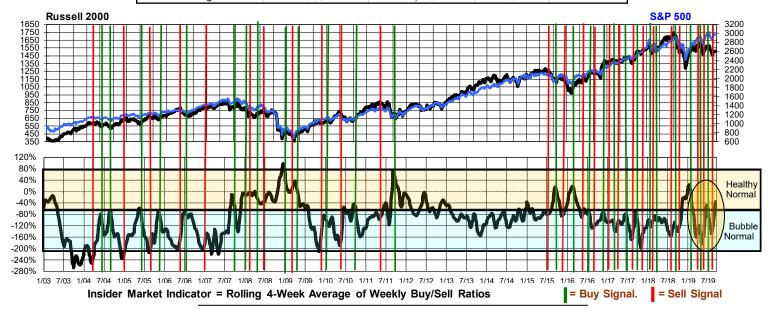
(Continued from page 1)

The week or so time lag in our Indicator's signals were no big deal a lifetime ago when it typically generated one or two (very reliable) market signals a year. But when market trends play out as quickly and intensely as they have in recent years, our Indicator has often been out of its element—whipsawing between bullish and bearish inflections within weeks.

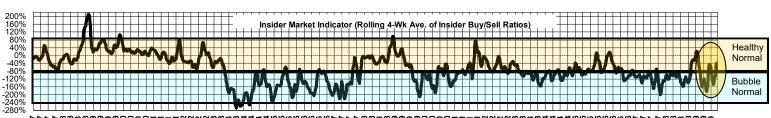
We can and do acknowledge when our Indicator appears to be luffing about unhelpfully. But we also use common sense when we see the volume of bullish and bearish Insider Ratings on our Daily and Weekly tables match up with an absolute level of our Indicator to form a pattern we've seen foreshadow a meaningful trend change many times before.

That's what (correctly) guided us to get fully invested last December before our Indicator confirmed this year's mega Q1 rebound. It's also why we've been able to make timely changes in our cash level numerous times this year, including slashing cash substantially just before last week's surge in the Russell 2000 and our Recommended List.

| Time Period | # Firms With Open-Market Purchases | # Firms With Open-Market Sales | Buy/Sell Ratio | Rolling 4-Week Average |
|----------------------|--|--------------------------------------|-------------------|------------------------------|
| Week Ending 9/13/19 | 245 | 457 | -87% | -56% |
| Month Ending 8/31/19 | 930 | 1,113 | -20% | |







APACICE PRO CENTRAL DE CONTRA DE CON



Page 4 Sep 16, 2019



InsiderInsights Bullish Universe

Companies with Active, Significantly Bullish InsiderInsights Company Ratings
Generated with Special Screens tool at InsiderInsights.com using Pre-Programmed Screen: "InsiderInsights Bullish Universe"

| | GEHEI | rated with Special Scre | E113 1001 | . at msiu | CIIIIS | igrits.coi | ir using <u>rie-riogrami</u> | neu scree | <u></u> , | ueiiiis | igits bt | JUISH OHIVEISE | |
|-------------------|---------|--------------------------|-----------|-----------|--------|------------|------------------------------|-----------|-------------|---------|----------|------------------------|--------|
| Insider | Rating | | | Insid | er | Rating | | | Insid | ler | Rating | | |
| Rating* | Date | Company | Ticker | Ratin | g* | Date | Company | Ticker | Ratin | ıg* | Date | Company | Ticker |
| ●00 +1 | 9/13/19 | Safehold | SAFE | •00 | +1 | 9/3/19 | Tuesday Morning | TUES | 000 | +1 | 8/22/19 | Cooper-Standard | CPS |
| ●00 +1 | 9/13/19 | Harvard Bioscience | HBIO | 000 | +1 | 9/3/19 | Gulfport Energy | GPOR | 000 | +1 | 8/22/19 | Intrepid Potash | IPI |
| +2 | 9/12/19 | Advanced Drainage Sys | WMS | 000 | +1 | 9/3/19 | Capital Southwest | CSWC | 000 | +0.5 | 8/22/19 | Mosaic Co | MOS |
| ●00 +1 | 9/12/19 | Celsius | CELH | 000 | +0.5 | 8/30/19 | Liberty Latin Amer | LILA | 000 | +1 | 8/22/19 | Aquestive Therap | AQST |
| +0.5 | 9/12/19 | Digirad | DRAD | •00 | +1 | 8/30/19 | RR Donnelley & Sons | RRD | 000 | +0.5 | 8/22/19 | Kingstone | KINS |
| +0.5 | 9/12/19 | Roadrunner Trans | RRTS | 000 | | | Nicholas Finl | NICK | 000 | +1 | 8/21/19 | Sunrun | RUN |
| +0.5 | 9/12/19 | Halliburton | HAL | 000 | +0.5 | 8/30/19 | Purple Innovation | PRPL | 000 | +1 | 8/21/19 | Sally Beauty | SBH |
| +0.5 | 9/12/19 | Kimbell Royalty LP | KRP | 000 | | 8/30/19 | | CNNE | 000 | +1 | | New Fortress Energy | NFE |
| +0.5 | 9/12/19 | Clough Gl Div & Inc Fd | GLV | 000 | +0.5 | 8/29/19 | Eagle Bulk Shipping | EGLE | 000 | +1 | | Surgery Part | SGRY |
| +0.5 | 9/12/19 | Avid Bioservices | CDMO | •00 | +1 | | Advanced Emissions | ADES | 000 | +1 | | Covetrus | CVET |
| +0.5 | | Essential Prop Rlty Tr | EPRT | 000 | | | Community Health Sys | 0 | 000 | | | MGP Ingredients | MGPI |
| ●00 +1 | | Turning Point Therap | TPTX | 000 | +1 | | Gran Tierra Energy | GTE | 000 | +1 | | MeiraGTx PLC | MGTX |
| ●00 +1 | | Progenics Pharm | PGNX | | +1 | | East West Banc | EWBC | 000 | +1 | 8/20/19 | | ABBV |
| ●00 +1 | | Capstar Finl | CSTR | 000 | +1 | | Sirius Intl Insurance | SG | 000 | +1 | | NGL Energy LP | NGL |
| • | | Agilysys | AGYS | 000 | +1 | | Flexsteel Ind | FLXS | 000 | +1 | | United Rentals | URI |
| +0.5 | 9/11/19 | Gladstone Land | LAND | 000 | +0.5 | 8/29/19 | Tucows | TCX | 000 | +2 | 8/20/19 | Calix | CALX |
| | 9/11/19 | ValueSetters | VSTR | •00 | +1 | 8/29/19 | Houston Wire & Cable | HWCC | 000 | +1 | 8/20/19 | Clovis Oncology | CLVS |
| +0.5 | 9/11/19 | Neoleukin Therap | NLTX | 000 | +0.5 | 8/29/19 | Riverview Finl | RIVE | 000 | +0.5 | 8/20/19 | Blackrock Cap Inv | BKCC |
| +0.5 | 9/11/19 | Ultragenyx Pharm | RARE | 000 | +0.5 | 8/29/19 | BioRestorative Therap | BRTX | 000 | +1 | 8/20/19 | Ramaco Res | METC |
| +2 | 9/11/19 | Aldeyra Therap | ALDX | 000 | +0.5 | 8/29/19 | Global Medical Reit | GMRE | 000 | +1 | 8/20/19 | Tanger Factory Outlet | SKT |
| +2 | 9/11/19 | New Mtn Finance | NMFC | •00 | +1 | 8/28/19 | AmeriCold Rlty Tr | COLD | 000 | +0.5 | 8/20/19 | Lumber Liquidators | LL |
| ●○○ ±1 | 9/10/19 | Organogenesis | ORGO | •00 | +1 | 8/28/19 | SANUWAVE Health | SNWV | 000 | +1 | 8/20/19 | electroCore | ECOR |
| 1 000 +0.5 | 9/10/19 | Commscope | COMM | ••• | +2 | 8/28/19 | J C Penney | JCP | 000 | +1 | 8/19/19 | PBF Energy | PBF |
| ●○○ ±1 | 9/10/19 | Domo | DOMO | 000 | +0.5 | 8/28/19 | Tristate Cap | TSC | 00 0 | +2 | 8/19/19 | Target Hospitality | TH |
| 1 000 +0.5 | 9/10/19 | Fortress Tran & Infr Inv | FTAI | •00 | +1 | 8/28/19 | WideOpenWest | wow | 000 | +1 | 8/19/19 | Wyndham Hotels | WH |
| ●○○ +1 | 9/10/19 | Prudential Finl | PRU | •00 | +1 | 8/28/19 | Rayonier | RYN | 000 | +0.5 | 8/19/19 | Change Healthcare | CHNG |
| 1 000 +0.5 | 9/10/19 | NCS Multistage | NCSM | 000 | +1 | 8/27/19 | Gogo | GOGO | 000 | +0.5 | 8/19/19 | Pedevco | PED |
| 1 000 +0.5 | 9/9/19 | Cloudera | CLDR | ••• | +2 | 8/27/19 | Brighthouse Finl | BHF | 000 | +0.5 | 8/19/19 | Patrick Ind | PATK |
| ●○○ +1 | 9/9/19 | Aerie Pharm | AERI | 000 | +0.5 | 8/27/19 | Spark Energy | SPKE | 000 | +1 | 8/19/19 | Esquire Finl | ESQ |
| +3 | 9/9/19 | At Home | HOME | 000 | +0.5 | 8/27/19 | First Busey | BUSE | 000 | +1 | 8/19/19 | Eastman Kodak | KODK |
| ●○○ +1 | 9/9/19 | Nektar Therap | NKTR | 000 | +1 | 8/27/19 | Genesis Energy LP | GEL | 000 | +0.5 | 8/19/19 | Mayville Engineering | MEC |
| 000 +0.5 | 9/9/19 | GlycoMimetics | GLYC | 000 | +1 | 8/27/19 | Kronos Worldwide | KRO | 000 | +1 | 8/19/19 | Unique Fabricating | UFAB |
| 1 000 +0.5 | 9/9/19 | Marrone Bio Innovations | MBII | 000 | +1 | 8/27/19 | CynergisTek | CTEK | 000 | +0.5 | 8/19/19 | Evolent Health | EVH |
| 1 000 +0.5 | 9/9/19 | FS KKR Cap | FSK | •00 | +1 | 8/26/19 | Elanco Animal Health | ELAN | 000 | +1 | 8/16/19 | Dorchester Minerals LP | DMLP |
| ●00 ±1 | 9/9/19 | CTD | CTDH | 000 | +1 | 8/26/19 | Codexis | CDXS | 000 | +0.5 | 8/16/19 | RLJ Lodging Tr | RLJ |
| ● ○○ +1 | 9/6/19 | PVH | PVH | 000 | +1 | 8/26/19 | InfuSystem | INFU | 000 | +0.5 | 8/16/19 | Intl Banc | IBOC |
| ●00 ±1 | 9/6/19 | Bioanalytical Sys | BASI | 000 | +0.5 | 8/26/19 | BOSTON OMAHA | BOMN | 000 | +1 | 8/16/19 | Playags | AGS |
| ●00 ±1 | 9/5/19 | Cott | COT | 000 | +0.5 | 8/23/19 | Red Rock Resorts | RRR | 000 | +1 | 8/16/19 | Oasis Petrol | OAS |
| ●○○ +1 | 9/5/19 | Briggs & Stratton | BGG | 000 | +0.5 | 8/23/19 | Intercept Pharm | ICPT | 000 | +0.5 | 8/16/19 | VolitionRX | VNRX |
| ●○○ +1 | 9/5/19 | Inogen | INGN | 000 | +0.5 | 8/23/19 | Natl CineMedia | NCMI | 000 | +0.5 | 8/16/19 | BioXcel Therap | BTAI |
| ••• +2 | 9/4/19 | Coty | COTY | ••• | +2 | 8/23/19 | Fossil | FOSL | 000 | +0.5 | 8/16/19 | Phunware | PHUN |
| 0 00 +0.5 | 9/4/19 | Riverview Banc | RVSB | 000 | +1 | 8/23/19 | Kontoor Brands | ктв | 000 | +0.5 | 8/16/19 | Autoweb | AUTO |
| ●00 +1 | 9/4/19 | Aileron Therap | ALRN | 000 | +1 | 8/23/19 | US Auto Parts | PRTS | 000 | +1 | 8/15/19 | Symantec | SYMC |
| 000 +0.5 | 9/4/19 | Phibro Animal Health | PAHC | 000 | +0.5 | 8/23/19 | Hill Intl | HIL | 000 | +0.5 | 8/15/19 | Capri | CPRI |
| ●00 +1 | 9/3/19 | LyondellBasell Ind NV | LYB | 000 | +1 | 8/23/19 | Harte Hanks | HHS | 000 | +1 | 8/15/19 | Occidental Petrol | OXY |
| 0 00 +0.5 | 9/3/19 | Bunge | BG | 000 | +0.5 | 8/23/19 | WidePoint | WYY | 000 | +1 | 8/15/19 | Camping World | CWH |
| ● ○○ +1 | 9/3/19 | New Media Inv | NEWM | 000 | +1 | 8/22/19 | KLX Energy Svs | KLXE | 000 | +1 | 8/15/19 | QEP Res | QEP |
| ● ○○ +1 | 9/3/19 | Manning & Napier | MN | •00 | +1 | 8/22/19 | Horizon Global | HZN | 000 | +1 | 8/15/19 | Party Cityco | PRTY |
| ● ○○ +1 | 9/3/19 | Edgewell Personal Care | EPC | 000 | +0.5 | 8/22/19 | Citizens Finl | CFG | 000 | +0.5 | 8/15/19 | CASI Pharm | CASI |
| ●00 +1 | 9/3/19 | US Xpress Enterprises | USX | • | +2 | 8/22/19 | Fluent | FLNT | 000 | +1 | 8/15/19 | Granite Construction | GVA |
| | | | | | | | | | | | | | |

See last page for the Key to Ratings, Titles & Transaction Type codes.





InsiderInsights Bullish Universe (Continued)

Companies with Active, Significantly Bullish InsiderInsights Company Ratings
Generated with Special Screens tool at InsiderInsights.com using Pre-Programmed Screen: "InsiderInsights Bullish Universe"

| | ocheratea man special ser | | | | | | | | | | | |
|--------------------|--------------------------------|--------|-------|------|---------|-----------------------|--------|-------|------|---------|-----------------------|---------|
| Insider | Rating | | Insid | er | Rating | | | Insid | ler | Rating | | |
| Rating* | Date Company | Ticker | Ratin | g* | Date | Company | Ticker | Ratin | ıg* | Date | Company | Ticker |
| 000 +0.5 | 8/15/19 Reeds | REED | •00 | +1 | 8/8/19 | Cleveland-Cliffs | CLF | 000 | +1 | 7/30/19 | Otelco | OTEL |
| | 8/15/19 Hallmark Finl Svs | HALL | 000 | +0.5 | 8/8/19 | Central Garden & Pet | | 000 | +0.5 | 7/30/19 | Soleno Therap | SLNO |
| +0.5 | 8/15/19 Akorn | AKRX | •00 | +1 | 8/8/19 | California Res | CRC | 000 | +0.5 | 7/29/19 | Solid Biosciences | SLDB |
| +2 | 8/14/19 W R Grace | GRA | 000 | +1 | 8/8/19 | Simmons First Natl | SFNC | 000 | +1 | 7/29/19 | Frequency Electr | FEIM |
| ●00 +1 | 8/14/19 Cerecor | CERC | •00 | +1 | 8/8/19 | Matador Res Co | MTDR | 000 | +0.5 | 7/29/19 | Central Pacific Finl | CPF |
| +2 | 8/14/19 Keurig Dr Pepper | KDP | 000 | +0.5 | 8/8/19 | Genie Energy | GNE | 000 | +0.5 | 7/26/19 | Brown & Brown | BRO |
| +2 | 8/14/19 CIT | CIT | 000 | +0.5 | 8/8/19 | SciPlay | SCPL | 000 | +1 | 7/25/19 | Esperion Therap | ESPR |
| ●00 +1 | 8/14/19 SunOpta | STKL | 000 | +1 | 8/7/19 | DISH Network | DISH | 000 | +1 | 7/24/19 | Eaton Vance FR PI Fd | EFF |
| ●00 +1 | 8/14/19 Allegheny Tech | ATI | •00 | +1 | 8/7/19 | Amneal Pharm | AMRX | 000 | +1 | 7/23/19 | Marchex | MCHX |
| | 8/14/19 Element Solutions | ESI | •00 | +1 | 8/7/19 | Williams | WMB | 000 | +1 | 7/17/19 | OncoSec Medical | ONCS |
| | 8/14/19 Braemar Hotels & Resor | BHR | •00 | +1 | 8/7/19 | Carscom | CARS | 000 | +1 | 7/17/19 | lnuvo | INUV |
| ●00 +1 | 8/14/19 Cheesecake Factory | CAKE | 000 | +0.5 | 8/7/19 | Marriott Vacations | VAC | 000 | +1 | 7/15/19 | Hertz Global | HTZ |
| +0.5 | 8/13/19 Conduent | CNDT | 000 | +1 | 8/7/19 | Univar Solutions | UNVR | 000 | +1 | | W&T offshore | WTI |
| ●00 ±1 | 8/13/19 Gates Industrial PLC | GTES | 000 | +1 | 8/7/19 | Sprott Focus Tr | FUND | 000 | +1 | | Eyenovia | EYEN |
| ●00 +1 | 8/13/19 General Electric | GE | 000 | +0.5 | 8/7/19 | Repro-Med Sys | | 000 | +0.5 | 7/11/19 | Chaparral Energy | CHAP |
| ●00 +1 | 8/13/19 Unifi | UFI | •00 | +1 | 8/7/19 | Amer Natl Bank | AMNB | 000 | +0.5 | 7/9/19 | BlueLinx | BXC |
| ●00 ±1 | 8/13/19 Ligand Pharm | LGND | •00 | +1 | 8/7/19 | Encana | ECA | 000 | +0.5 | 7/9/19 | Thor Ind | THO |
| ●00 +1 | 8/13/19 AxoGen | AXGN | •00 | +1 | 8/7/19 | West Bancoration | WTBA | 000 | +1 | 7/8/19 | Savara | SVRA |
| ●00 +1 | 8/13/19 Forterra | FRTA | •00 | +1 | 8/6/19 | Immersion | IMMR | 000 | +1 | 7/5/19 | Perspecta | PRSP |
| | 8/13/19 Resonant | RESN | 000 | +0.5 | 8/6/19 | Exicure | XCUR | 000 | +1 | 7/2/19 | Vermillion | VRML |
| ●00 ±1 | 8/13/19 Ocwen Finl | OCN | •00 | +1 | 8/6/19 | Concho Res | СХО | 000 | +1 | 7/2/19 | Conifer | CNFR |
| 9 00 +1 | 8/12/19 GTT Comms | GTT | •00 | +1 | 8/6/19 | Vapotherm | ****** | 000 | +0.5 | 7/2/19 | Greif | GEF |
| +2 | 8/12/19 2U | TWOU | •00 | +1 | 8/6/19 | Chemours Co | CC | 000 | +0.5 | 7/2/19 | Central Federal | CFBK |
| +2 | 8/12/19 Cornerstone Building | CNR | •00 | +1 | 8/6/19 | Universal Insurance | UVE | 000 | +1 | 7/1/19 | Motus GI | MOTS |
| +2 | 8/12/19 Eldorado Resorts | ERI | 000 | +0.5 | 8/6/19 | Timkensteel | TMST | 000 | +0.5 | 7/1/19 | Capital Senior Living | CSU |
| +0.5 | 8/12/19 Bank of SC | BKSC | 000 | +0.5 | 8/6/19 | Hersha Hospitality Tr | HT | 000 | +0.5 | 7/1/19 | Kaixin Auto | KXIN |
| ●00 +1 | 8/12/19 Gaia | GAIA | •00 | +1 | 8/6/19 | United Insurance | UIHC | 000 | +1 | 6/28/19 | Beacon Roofing Supply | BECN |
| +0.5 | 8/12/19 Penn Natl Gaming | PENN | •00 | +1 | | Archer Daniels Co | ADM | 000 | +1 | | Immunomedics | IMMU |
| ●00 +1 | 8/12/19 Pennantpark FR Cap | PFLT | •00 | +1 | 8/6/19 | Owens-Illinois | | 000 | +0.5 | 6/28/19 | RiceBran Tech | RIBT |
| ●00 +1 | 8/12/19 TherapMD | TXMD | •00 | +1 | 8/5/19 | Fastly | FSLY | 000 | +1 | | Arcus Biosciences | RCUS |
| ●00 +1 | 8/12/19 Venator Materials PLC | VNTR | •00 | +1 | 8/5/19 | Peabody Energy | 2.0 | 000 | | | Exela Tech | XELA |
| ●00 +1 | 8/12/19 LSC Comms | LKSD | •00 | +1 | 8/5/19 | Mylan NV | | 000 | | | Carnival | CCL |
| • | 8/12/19 Freshpet | FRPT | •00 | +1 | 8/5/19 | Century Banc | | 000 | | | Carnival plc | CUK |
| •00 | 8/12/19 Dynavax Tech | DVAX | 000 | +2 | 8/5/19 | Cadence Banc | CADE | 000 | +1 | | Calithera Biosciences | CALA |
| ●00 +1 | 8/12/19 Bank of Commerce | восн | •000 | +1 | | Tupperware Brands | TUP | 000 | +1 | | Eloxx Pharm | ELOX |
| ●00 ±1 | 8/9/19 NGM Biopharm | NGM | •000 | +0.5 | | State Auto FinI | STFC | 000 | | | Acorn Energy | ACFN |
| ●00 ±1 | 8/9/19 Athenex | ATNX | •00 | +1 | | Turning Point Brands | | 000 | | 6/26/19 | | VSEC |
| 0 00 +1 | 8/9/19 AMAG Pharm | AMAG | 000 | +0.5 | | SS&C Tech | SSNC | 000 | +1 | | Genocea Biosciences | GNCA |
| +2 | 8/9/19 MPLX LP | MPLX | •00 | +1 | 8/2/19 | Everest Re | | 000 | +1 | 6/24/19 | · · · | IDTY |
| ●00 +1 | 8/9/19 Tenneco | TEN | 000 | +0.5 | 8/2/19 | Arch Coal | ARCH | 000 | +2 | 6/24/19 | | VC |
| 1 | 8/9/19 Macerich Co | MAC | 000 | +0.5 | 8/2/19 | Spirit Airlines | | 000 | | | Navidea Biopharm | NAVB |
| +0.5 | 8/9/19 Sturm Ruger & | RGR | •00 | +1 | | Ares Cap | ARCC | 000 | +1 | 6/21/19 | | LOW |
| ● ○○ +1 | 8/9/19 Provention Bio | PRVB | •00 | +1 | 8/2/19 | CARBO Ceramics | CRR | 000 | +1 | | VBI Vaccines | VBIV |
| +0.5 | 8/9/19 Titan Intl | TWI | 000 | +1 | | Equitrans Midstream | ETRN | 000 | +1 | | Armada Hoffler Prop | AHH |
| 000 +1 000 +0.5 | 8/9/19 Olin | OLN | •00 | +1 | | Comfort Sys USA | FIX | 000 | +1 | 6/18/19 | | JILL |
| • | 8/9/19 Southwestern Energy | SWN | 000 | +1 | | USA Truck | USAK | 000 | +1 | | G-III Apparel | GIII |
| -0.0 | 8/9/19 Flexion Therap | FLXN | 000 | | | Trinity Ind | | 000 | +0.5 | 6/17/19 | Scientific Games | SGMS |
| +2 | 8/8/19 Northern Oil & Gas | NOG | 000 | | | Watford | WTRE | | | | | |
| ●00 ±1 | 8/8/19 Energizer | ENR | 000 | +2 | | Spirit of Texas Banc | STXB | | | | | |
| ● 00 +1 | 8/8/19 Obalon Therap | OBLN | 000 | +0.5 | 7/31/19 | MVB FinI | MVBF | | | | | |

See last page for the Key to Ratings, Titles & Transaction Type codes





InsiderInsights Bearish Universe

Companies with Active, Significantly Bearish InsiderInsights Company Ratings
Generated with Special Screens tool at InsiderInsights.com using Pre-Programmed Screen: "InsiderInsights Bearish Universe"

| Insider | Rating | | | Inside | er | Rating | | | Insider | Rating | | |
|----------------|---------|---------------------|--------|--------|------|---------|------------------------|--------|------------------|---------|--------------------|--------|
| Rating* | Date | Company | Ticker | Ratin | g* | Date | Company | Ticker | Rating* | Date | Company | Ticker |
| ● ○○ -1 | 9/12/19 | Zuora | ZUO | 000 | -0.5 | 8/16/19 | Walgreens Boots | WBA | ● 00 -1 | 7/16/19 | Energous | WATT |
| 000 -0.5 | 9/11/19 | LogMeln | LOGM | 000 | -0.5 | 8/15/19 | United States Cellular | USM | 0 00 -0.5 | 7/12/19 | Libbey | LBY |
| 000 -0.5 | 9/9/19 | Green Dot | GDOT | 000 | -0.5 | 8/15/19 | Tripadvisor | TRIP | 000 -0.5 | 7/11/19 | Elevate Credit | ELVT |
| ● ○○ -1 | 9/6/19 | Cognizant Tech | CTSH | 000 | -0.5 | 8/14/19 | Natl Vision | EYE | 000 -0.5 | 6/28/19 | United Therap | UTHR |
| 000 -0.5 | 9/4/19 | Affiliated Managers | AMG | 000 | -0.5 | 8/12/19 | Upwork | UPWK | ● 00 -1 | 6/27/19 | Biopharmx | BPMX |
| ● ○○ -1 | 8/28/19 | Franks Intl NV | FI | 000 | -0.5 | 8/6/19 | Criteo SA | CRTO | ●00 -1 | 6/25/19 | NetApp | NTAP |
| ● ○○ -1 | 8/28/19 | Hope Banc | HOPE | •00 | -1 | 8/5/19 | Iradimed | IRMD | 0.5 | 6/24/19 | Gap | GPS |
| 000 -0.5 | 8/23/19 | Penn Virginia | PVAC | 000 | -0.5 | 8/1/19 | Alliance Data Sys | ADS | ● 00 -1 | 6/21/19 | Armstrong Flooring | AFI |
| ● ○○ -1 | 8/20/19 | eXp World | EXPI | •00 | -1 | 7/29/19 | Harley-Davidson | HOG | 000 -0.5 | 6/20/19 | Tutor Perini | TPC |
| 000 -0.5 | 8/20/19 | Castlight Health | CSLT | •00 | -1 | 7/24/19 | Puma Biotechnology | PBYI | | | | |
| 000 -0.5 | 8/19/19 | Stitch Fix | SFIX | ••• | -2 | 7/16/19 | ANGI Homeservices | ANGI | | | | |



InsiderInsights Ratings of Latest Insider Purchases

InsiderInsights Ratings of Companies with Form 4 Purchases and Accumulations Filed at the SEC in the Past Week
Sorted by: Insider Rating, then Total Transaction Value.

Generated with Special Screens tool at InsiderInsights.com using Pre-Programmed Screen: "Ratings of Latest Purchases"

| | | | | | | Total | | | | Latest | Ave. | | Mkt | 10-Day |
|---------------|------------------|---------|--------------------------|--------------|-------------|----------------------------|---------------------|-------|--------------------|---------|-------------------|-------------------|-----------|------------|
| Insider | | Rating | | | Trans | Purch | Shares | | | Trans | Purch | Recent | Cap | Ave Vol |
| Rating* | | Date | Company | Ticker | Type(s)* | Value | | # Ins | siders - Title(s)* | Date | Price | Price | (mm) | (m) |
| 000 + | +3 | 9/9/19 | At Home | HOME | B,JB* | \$2,286,760 | 345,801 | 6 | BO,CB,CEO,CFO,COO | 9/10/19 | \$6.61 | \$6.57 | 421 | 3,170 |
| 00 0 ± | +2 | 9/12/19 | Advanced Drainage Sys | «WMS | JB* | \$120,993,249 | 4,067,000 | 3 | BO,DIR,VP | 9/10/19 | \$29.75 | \$32.20 | 1,863 | 240 |
| 00 0 + | +2 | 9/4/19 | Coty | COTY | В | \$2,059,260 | 210,000 | 1 | SO | 9/5/19 | \$9.81 | \$8.92 | 6,703 | 5,220 |
| 00 0 + | +2 | 8/14/19 | Keurig Dr Pepper | KDP | OB,B | \$717,757 | 43,538 | 2 | HR,O | 9/11/19 | \$16.49 | \$27.49 | 38,671 | 2,210 |
| 00 0 + | | | Aldeyra Therap | ALDX | В | \$381,235 | 72,529 | 5 | CEO,CFO,DIR,O,PR | 9/12/19 | \$5.26 | \$4.98 | 137 | 110 |
| ••• | | | J C Penney | JCP | В | \$181,930 | 230,000 | 1 | DIR | 9/6/19 | \$0.79 | \$0.58 | 184 | 10,370 |
| | | | New Mtn Finance | NMFC | В | \$101,386 | 7,500 | 1 | COO,PR | 9/9/19 | \$13.52 | \$13.59 | 1,189 | 360 |
| •00 ± | | 9/12/19 | | CELH | B,OB | \$17,718,366 | 5,095,880 | 2 | BO,DIR | 9/12/19 | \$3.48 | \$3.86 | 223 | 100 |
| • • • | | | Turning Point Therap | TPTX | JB* | \$16,549,920 | 367,776 | 4 | CEO,CFO,DIR,PR,VP | 9/10/19 | \$45.00 | \$51.80 | 1,623 | 140 |
| 0 00 + | | 8/21/19 | | RUN | В | \$12,687,959 | 840,888 | 1 | ВО | 9/11/19 | \$15.09 | \$15.47 | 1,819 | 2,280 |
| •00 | | | Organogenesis | ORGO | B,JB* | \$8,107,867 | 1,430,910 | 4 | BO,DIR | 9/12/19 | \$5.67 | \$4.66 | 426 | 60 |
| • • • | | | PBF Energy | PBF | В | \$4,850,624 | 190,000 | 1 | ВО | 9/11/19 | \$25.53 | \$22.38 | 2,683 | 1,720 |
| •00 | | | Capstar Finl | CSTR | В | \$3,399,985 | 220,635 | 9 | DIR | 9/9/19 | \$15.41 | \$15.49 | 270 | 30 |
| • • • | | | Safehold | SAFE | В | \$2,619,094 | 91,790 | 2 | BO,CIO,PR | 9/12/19 | \$28.53 | \$28.70 | 1,148 | 160 |
| •00 | | 9/10/19 | | DOMO | В | \$2,040,000 | 120,000 | 1 | BO,CB,CEO,DIR,F | 9/10/19 | \$17.00 | \$23.80 | 652 | 380 |
| •00 | | | Prudential Finl | PRU | В | \$1,137,848 | 13,580 | 3 | CB,CEO,CFO,DIR,VCB | | \$83.79 | \$82.08 | 32,996 | 2,380 |
| •00 | | 8/13/19 | | UFI | В | \$849,012 | 41,700 | 1 | DIR | 9/6/19 | \$20.36 | \$19.85 | 366 | 110 |
| •00 | | | Progenics Pharm | PGNX | В | \$666,927 | 137,023 | 2 | ВО | 9/9/19 | \$4.87 | \$4.50 | 389 | 1,180 |
| • • • | +1 | | Aerie Pharm | AERI | В | \$599,400 | 31,290 | 2 | CEO,CFO,DIR | 9/9/19 | \$19.16 | \$23.97 | 1,101 | 920 |
| •00 | +1 | | Chemours Co | CC | В | \$328,340 | 20,000 | 1 | COO,VP | 9/11/19 | \$16.42 | \$13.25 | 2,166 | 4,270 |
| •00 | | | WideOpenWest | wow | В | \$292,990 | 51,481 | 1 | BO,DIR | 9/12/19 | \$5.69 | \$5.20 | 439 | 410 |
| • • • | +1 | | Vapotherm | VAPO | В | \$268,951 | 28,382 | 2 | DIR | 9/11/19 | \$9.48 | \$12.85 | 264 | 240 |
| •00 | +1 | | Nektar Therap | NKTR | В | \$259,200 | 15,000 | 1 | VP | 9/5/19 | \$17.28 | \$16.98 | 2,976 | 6,150 |
| • • • | <u>' '</u> +1 | | Comfort Sys USA | FIX | В | \$239,200 | 6,000 | 2 | CB,CFO,DIR | 9/12/19 | \$38.43 | \$38.39 | 1,415 | 370 |
| •00 | +1 | | Carscom | CARS | В | \$105,380 | 11,000 | 1 | CEO,DIR,PR | 9/11/19 | \$9.58 | \$8.88 | 592 | 2,320 |
| •00 | | | Harvard Bioscience | HBIO | В | \$103,586 | 34,259 | 1 | DIR | 9/13/19 | \$3.05 | \$2.68 | 102 | 160 |
| • • • | +1 | | CTD | CTDH | В | \$90,495 | 500,000 | 2 | DIR | 9/11/19 | \$0.18 | \$0.21 | 25 | 60 |
| •00 | | | Forterra | FRTA | В | \$52,822 | 8,465 | 1 | CEO,DIR | 9/9/19 | \$6.24 | \$6.69 | 430 | 190 |
| •00 | | | Dorchester Minerals LP | | JB* | \$49,402 | 2,720 | 1 | DIR | 9/11/19 | \$18.16 | \$17.94 | 622 | 30 |
| • | | | GlycoMimetics | GLYC | В | \$5,309,950 | 1,668,746 | 1 | BO | 9/5/19 | \$3.18 | \$3.37 | 146 | 610 |
| • • • | | 9/12/19 | | DRAD | JB* | \$3,000,000 | 300,000 | 1 | DIR | 9/10/19 | \$10.00 | \$4.45 | 9 | 10 |
| • | | | - | | | | | | | | | | 240 | 100 |
| | | | Gladstone Land Cloudera | LAND CLDR | B JB* | \$2,493,571 \$2,199,570 | 210,000 439,914 | 1 | BO,CEO,DIR BO | 9/10/19 | \$11.87 \$5.00 | \$11.55 \$6.86 | 1,881 | 7,260 |
| • • • • | | | | | JB* | \$1,925,339 | | 1 | DIR | 9/11/19 | | \$15.25 | | 100 |
| • | | | Fortress Tran & Infr Inv | | | | 75,000 1,457,195 | | | | \$25.67 | | 1,295 | |
| • | | | Marrone Bio Innovation | | OB B,JB* | \$1,457,195 \$784,747 | , , | 1 | BO DIR | 9/5/19 | \$1.00 | \$1.30 | 144 85 | 120 240 |
| • | | | Neoleukin Therap | NLTX | | \$781,747 | 250,000 | 1 | | 9/11/19 | \$3.13 | \$3.61 | | |
| • • • • | | | ValueSetters | VSTR | JB* | \$600,000 | 50,000,000 | 2 | | 9/9/19 | \$0.01 | \$0.01 | 2.072 | 3,500 |
| • • • | | | Commscope FS KKR Cap | COMM | B | \$252,248 | | 1 | DIR | 9/9/19 | \$11.87 | \$10.68 \$5.78 | 2,073 | 5,060 |
| • • • | | | • | FSK | B | \$250,491 | 42,100 | 1 | DIR BO DIB | 9/9/19 | \$5.95 | \$5.78 | 2,997 | 1,740 |
| • • • | | | Purple Innovation | PRPL | В | \$246,306 | 29,979 | 1 | BO,DIR | 9/6/19 | \$8.22 | \$7.99 | 3 200 | 110 |
| 000 | | | Ultragenyx Pharm | RARE | В | \$218,150 | , | 1 | CEO,DIR,PR | 9/11/19 | \$43.63 | \$57.02 | 3,290 | 360 |
| • • • | | | Roadrunner Trans | RRTS | B | \$208,059 | 19,397 | 1 | BO DIR PR | 9/12/19 | \$10.73 | \$8.76 | 330 | 20 |
| • • • | | | MVB Finl | MVBF | OB | \$181,800 | 20,000 | 1 | CEO,DIR,PR | 9/9/19 | \$9.09 | \$17.10 | 200 | 10 |
| 000 | | | Halliburton | HAL | В | \$154,800 \$140,351 | 8,000 | 1 | DIR | 9/12/19 | \$19.35 | \$18.67 | 16,354 | 13,600 |
| • | | | Nicholas Finl | NICK | В | \$140,251 \$140,251 | 15,247 | 1 | BO,DIR | 9/9/19 | \$9.20 | \$9.57 | 76 | 30 |
| 000 | | | Essential Prop Rity Tr | EPRT | В | \$112,379 | 5,000 | 1 | COO,VP | 9/11/19 | \$22.48 | \$21.99 | 1,679 | 720 |
| • | | | Avid Bioservices | CDMO | В | \$101,410 | 20,000 | | CEO,DIR,PR | 9/10/19 | \$5.07 | \$6.89 | 388 | 200 |
| 100 | | | NCS Multistage | NCSM | В | \$89,802 | 39,912 | | DIR,PR | 9/9/19 | \$2.25 | \$2.16 | 101 | 50 |
| A | | | Clough GI Div & Inc Fd | | OB | \$77,129 | 7,402 | | DIR | 8/29/19 | \$10.42 | \$10.71 | 75 | 50 |
| 000 +(| υ.5 | 9/12/19 | Kimbell Royalty LP | KRP | В | \$51,294 | 3,500 | 1 | CFO,PR | 9/11/19 | \$14.66 | \$14.89 | 350 | 40 |

See last page for the Key to Ratings, Titles & Transaction Type codes.





InsiderInsights Ratings of Companies with Form 4 Purchases and Accumulations Filed at the SEC in the Past Week
Sorted by: Insider Rating, then Total Transaction Value.

Generated with Special Screens tool at InsiderInsights.com using Pre-Programmed Screen: "Ratings of Latest Purchases"

| | | | | | | Total | | | | Latest | Ave. | | Mkt | 10-Day |
|--------|------|------------|--------------------------|--------|----------|-------------|-----------|-------|--------------------|-----------|-----------------|----------|---------|---------|
| Inside | r | Rating | | | Trans | Purch | Shares | | | Trans | Purch | Recent | Сар | Ave Vol |
| Rating | * | Date | Company | Ticker | Type(s)* | Value | Bought # | # Ins | siders - Title(s)* | Date | Price | Price | (mm) | (m) |
| 000 | +0.5 | 9/11/19 | Agilysys | AGYS | В | \$51,180 | 2,000 | 1 | VP | 9/9/19 | \$25.59 | \$27.48 | 651 | 110 |
| 000 | +0 | 9/9/19 | Cigna | CI | В | \$5,044,422 | 32,509 | 1 | CEO,DIR,PR | 9/9/19 | \$155.17 | \$155.78 | 58,824 | 1,620 |
| 000 | +0 | 9/4/19 | Intra-Cellular Therapies | s ITCI | В | \$4,974,678 | 485,000 | 1 | BO,DIR | 9/10/19 | \$10.26 | \$8.67 | 478 | 560 |
| 000 | +0 | 8/6/19 | vTv Therap | VTVT | JB* | \$1,000,001 | 606,061 | 1 | во | 9/11/19 | \$1.65 | \$1.37 | 74 | 270 |
| 000 | +0 | 9/9/19 | Acadia Healthcare | ACHC | В | \$530,660 | 20,000 | 1 | CEO,DIR | 9/5/19 | \$26.53 | \$27.33 | 2,419 | 520 |
| 000 | +0 | 9/11/19 | Retail Opportunity Invs | ROIC | ОВ | \$512,500 | 50,000 | 1 | CEO,DIR | 9/9/19 | \$10.25 | \$17.80 | 2,035 | 1,060 |
| 000 | +0 | 9/11/19 | Rev | REVG | В | \$478,890 | 50,000 | 1 | CEO,DIR | 9/10/19 | \$9.58 | \$11.85 | 739 | 140 |
| 000 | +0 | 9/9/19 | Varonis Sys | VRNS | ОВ | \$445,844 | 20,684 | 1 | SO,VP | 9/5/19 | \$21.56 | \$70.51 | 2,139 | 240 |
| 000 | +0 | 9/10/19 | Meredith | MDP | В | \$420,240 | 12,000 | 1 | CEO,DIR,PR | 9/9/19 | \$35.02 | \$43.47 | 2,050 | 470 |
| 000 | +0 | 9/9/19 | Steel Dynamics | STLD | В | \$247,238 | 8,920 | 1 | VP | 9/6/19 | \$27.72 | \$27.46 | 6,031 | 1,910 |
| 000 | +0 | 9/11/19 | Gladstone Inv | GAIN | В | \$246,766 | 20,581 | 1 | CEO,DIR | 9/9/19 | \$11.99 | \$11.57 | 380 | 120 |
| 000 | +0 | 9/12/19 | Gencor Ind | GENC | ОВ | \$230,670 | 45,000 | 1 | DIR,PR | 9/11/19 | \$5.13 | \$11.30 | 164 | 10 |
| 000 | +0 | 9/13/19 | Merchants Banc | MBIN | В | \$200,557 | 12,000 | 1 | PR | 9/12/19 | \$16.71 | \$15.64 | 449 | 40 |
| 000 | +0 | 9/12/19 | Ring Energy | REI | В | \$188,295 | 117,750 | 5 | CEO,CFO,DIR,PR | 9/11/19 | \$1.60 | \$1.57 | 107 | 1,120 |
| 000 | +0 | 8/15/19 | Texas Pacific Land Tr | TPL | B,JB* | \$164,769 | 245 | 1 | ВО | 9/12/19 | \$672.53 | \$660.15 | 5,120 | 20 |
| 000 | +0 | 9/6/19 | Trimble | TRMB | OE* | \$141,180 | 6,000 | 1 | VP | 9/6/19 | \$23.53 | \$37.72 | 9,498 | 940 |
| 000 | +0 | 9/3/19 | Qualstar | QBAK | В | \$140,283 | 25,340 | 1 | BO,CB,CEO,DIR,PR | 9/9/19 | \$5.54 | \$4.66 | 9 | 10 |
| 000 | +0 | 8/29/19 | CONSOL Coal Res LP | CCR | В | \$129,051 | 9,803 | 1 | BO,DIR | 9/6/19 | \$13.16 | \$13.16 | 364 | 30 |
| 000 | +0 | 9/10/19 | Whitestone Reit | WSR | В | \$126,400 | 10,000 | 1 | CB,CEO,DIR | 9/6/19 | \$12.64 | \$12.63 | 508 | 180 |
| 000 | +0 | 8/22/19 | Live Ventures | LIVE | В | \$122,788 | 17,544 | 1 | BO,CEO,DIR,PR | 9/11/19 | \$7.00 | \$6.34 | 12 | 10 |
| 000 | +0 | 9/13/19 | Xenon Pharm | XENE | OE* | \$117,000 | 38,064 | 2 | DIR,VP | 9/12/19 | \$3.07 | \$8.90 | 229 | 50 |
| 000 | +0 | 8/28/19 | Arcadia Biosciences | RKDA | В | \$110,347 | 17,000 | 2 | CEO,DIR | 9/10/19 | \$6.49 | \$6.57 | 41 | 14,740 |
| 000 | +0 | 9/6/19 | Signet Jewelers | SIG | В | \$108,459 | 7,500 | 1 | CFO | 9/6/19 | \$14.46 | \$13.84 | 722 | 2,610 |
| 000 | +0 | 9/13/19 | IES | IESC | OE* | \$108,350 | 17,500 | 1 | GC,SEC,VP | 9/11/19 | \$6.19 | \$18.98 | 403 | 20 |
| 000 | +0 | 9/11/19 | Catalent | CTLT | В | \$103,280 | 2,000 | 1 | DIR | 9/9/19 | \$51.64 | \$55.24 | 8,049 | 550 |
| 000 | +0 | 9/11/19 | Senseonics | SENS | В | \$97,350 | 88,500 | 1 | CEO,DIR,PR | 9/9/19 | \$1.10 | \$1.05 | 213 | 1,580 |
| 000 | +0 | 9/10/19 | Hibbett Sports | HIBB | В | \$97,020 | 6,125 | 1 | CIO,VP | 9/9/19 | \$15.84 | \$17.00 | 304 | 930 |
| 000 | +0 | 9/13/19 | OceanFirst Finl | OCFC | ОВ | \$91,040 | 10,774 | 1 | DIR | 9/11/19 | \$8.45 | \$21.20 | 1,084 | 350 |
| 000 | +0 | 9/13/19 | Tidewater | TDW | В | \$88,350 | 5,000 | 1 | DIR | 9/12/19 | \$17.67 | \$16.70 | 640 | 290 |
| 000 | +0 | 9/12/19 | ORBCOMM | ORBC | В | \$78,705 | 15,000 | 1 | CAO,CFO,VP | 9/11/19 | \$5.25 | \$4.83 | 385 | 1,140 |
| 000 | +0 | 8/9/19 | Daseke | DSKE | В | \$74,019 | 22,000 | 1 | DIR | 9/13/19 | \$3.36 | \$1.67 | 108 | 420 |
| 000 | +0 | 7/18/19 | Oramed Pharm | ORMP | В | \$73,000 | 25,000 | 1 | DIR | 9/9/19 | \$2.92 | \$3.24 | 56 | 20 |
| 000 | +0 | 9/12/19 | Store Cap | STOR | В | \$72,223 | 2,000 | 1 | DIR | 9/10/19 | \$36.11 | \$36.90 | 8,523 | 1,250 |
| 000 | +0 | 9/13/19 | Crawford | CRDA | JB* | \$58,856 | 5,600 | 1 | VP | 9/12/19 | \$10.51 | \$9.32 | 520 | 10 |
| 000 | +0 | 9/12/19 | Francescas | FRAN | JB* | \$57,150 | 5,000 | 1 | DIR | 9/11/19 | \$11.43 | \$4.18 | 12 | 140 |
| 000 | +0 | 9/6/19 | Quintana Energy Svs | QES | JB* | \$56,209 | 32,784 | 1 | BO,DIR | 9/10/19 | \$1.71 | \$1.23 | 41 | 10 |
| 000 | +0 | 9/12/19 | Royce Global Value Tr | RGT | В | \$55,990 | 5,500 | 1 | CEO,DIR,FO,PR | 9/11/19 | \$10.18 | \$9.92 | 104 | 10 |
| 000 | +0 | | Destination XL | DXLG | В | \$51,168 | | 1 | | 9/11/19 | \$1.60 | \$1.70 | 85 | 50 |
| 000 | +0 | 9/10/19 | Michaels | MIK | В | \$50,049 | 6,700 | 1 | DIR | 9/6/19 | \$7.47 | \$5.60 | 886 | 2,600 |
| 000 | +0 | 8/23/19 | Bellicum Pharm | BLCM | В | \$50,000 | 40,000 | 1 | CEO,DIR,PR | 9/10/19 | \$1.25 | \$0.97 | 45 | 1,030 |
| 000 | +0 | 8/15/19 | Aqua Amer | WTR | В | \$49,968 | 1,152 | 1 | DIR | 9/9/19 | \$43.38 | \$44.08 | 9,512 | 1,100 |
| 000 | +0 | | Washington Prime | WPG | В | \$49,727 | 14,800 | 1 | DIR | 9/5/19 | \$3.36 | \$3.38 | 631 | 3,500 |
| 000 | +0 | 8/14/19 | | PICO | В | \$45,159 | 4,305 | 1 | DIR | 9/11/19 | \$10.49 | \$9.85 | 198 | 50 |
| 000 | +0 | 8/20/19 | Innovative Food | IVFH | JB* | \$42,852 | 82,407 | 1 | во | 9/6/19 | \$0.52 | \$0.59 | 20 | 80 |
| 000 | 0 | 8/8/19 | JPMorgan Chase | JPM | OE* | \$3,493,500 | 75,000 | 1 | CEO | 9/10/19 | \$46.58 | \$108.72 | 347,631 | 11,050 |
| 000 | 0 | 9/13/19 | OncoCyte | осх | B,JB* | \$3,340,060 | 2,010,000 | 2 | BO,CFO | 9/12/19 | \$1.66 | \$1.91 | 99 | 200 |
| 000 | 0 | 9/3/19 | - | ATEX | В | \$3,017,435 | 76,883 | 1 | ВО | 9/12/19 | \$39.25 | \$42.41 | 724 | 140 |
| 000 | 0 | | RBB Banc | RBB | В,ОВ | \$2,491,293 | 135,588 | 2 | DIR,VP | 9/11/19 | \$18.37 | \$18.39 | 370 | 20 |
| 000 | 0 | | Public Storage | PSA | OB | \$1,232,850 | 15,000 | 1 | DIR | 9/5/19 | \$82.19 | \$261.89 | 45,725 | 720 |
| 000 | 0 | 9/12/19 | | BRKR | OB | \$758,073 | 34,774 | | BO,CEO,DIR,PR | 9/11/19 | \$21.80 | \$42.26 | 6,536 | 1,040 |
| | | J, . E, 10 | | 2.441 | <u> </u> | ψ. 00,010 | U-1,114 | | ,,, | 5, 1 1/15 | Ψ 2 1.00 | ψ¬∠.∠U | 0,000 | 1,070 |

See last page for the Key to Ratings, Titles & Transaction Type codes.





InsiderInsights Ratings of Companies with Form 4 Purchases and Accumulations Filed at the SEC in the Past Week
Sorted by: Insider Rating, then Total Transaction Value.

Generated with Special Screens tool at InsiderInsights.com using Pre-Programmed Screen: "Ratings of Latest Purchases"

| Inside Rating | | Rating Date Company | Ticker | Trans Type(s)* | Total Purch Value | Shares Bought # Ir | nsiders - Title(s)* | Latest Trans Date | Ave. Purch Price | Recent Price | Mkt Cap (mm) | 10-Day Ave Vol (m) |
|------------------|---|-------------------------------|--------|-------------------|-------------------------|-----------------------|---------------------|-------------------------|------------------------|-----------------|--------------------|--------------------------|
| 000 | 0 | 8/20/19 Bausch Health | BHC | В | \$699,300 | 30,000 1 | CB,CEO,DIR | 9/13/19 | \$23.31 | \$22.10 | 7,786 | 2,670 |
| 000 | 0 | 9/12/19 Flotek Ind | FTK | В | \$642,330 | 268,200 1 | DIR | 9/12/19 | \$2.39 | \$2.03 | 117 | 460 |
| 000 | 0 | 9/9/19 MaxLinear | MXL | OE*,AB | \$610,613 | 60,390 2 | CTO,O | 9/9/19 | \$10.11 | \$20.62 | 1,469 | 310 |
| 000 | 0 | 9/10/19 Guardant Health | GH | OB | \$599,989 | 143,538 2 | CB,CEO,COO,DIR,PR | 9/6/19 | \$4.18 | \$98.62 | 9,168 | 1,140 |
| 000 | 0 | 8/16/19 Stock Yards Banc | SYBT | OE* | \$421,788 | 29,287 3 | CEO,DIR,PR,VP | 9/12/19 | \$14.40 | \$36.21 | 823 | 30 |
| 000 | 0 | 8/21/19 L3Harris Tech | LHX | В | \$340,800 | 1,700 2 | DIR | 9/10/19 | \$200.47 | \$213.31 | 47,229 | 1,190 |
| 000 | 0 | 9/13/19 Fidelity Natl Finl | FNF | OE*,OB | \$231,144 | 16,074 2 | DIR | 9/12/19 | \$14.38 | \$44.20 | 12,129 | 930 |
| 000 | 0 | 9/9/19 DTE Energy Co | DTE | В | \$199,733 | 1,537 1 | DIR | 9/5/19 | \$129.95 | \$130.25 | 23,875 | 950 |
| 000 | 0 | 8/22/19 Sarepta Therap | SRPT | В | \$173,480 | 2,000 1 | DIR | 9/9/19 | \$86.74 | \$95.07 | 7,068 | 2,880 |
| 000 | 0 | 8/30/19 Tenet Healthcare | THC | В | \$160,309 | 8,160 1 | ВО | 9/6/19 | \$19.65 | \$21.18 | 2,191 | 1,040 |
| 000 | 0 | 9/11/19 Citi Trends | CTRN | В | \$151,560 | 9,000 1 | DIR | 9/9/19 | \$16.84 | \$16.94 | 205 | 110 |
| 000 | 0 | 9/13/19 Ollies Bargain Outlet | OLLI | В | \$129,320 | 2,000 1 | DIR | 9/11/19 | \$64.66 | \$81.10 | 5,149 | 940 |
| 000 | 0 | 9/10/19 Xencor | XNCR | OB | \$116,969 | 27,522 1 | VP | 9/6/19 | \$4.25 | \$38.79 | 2,196 | 300 |
| 000 | 0 | 9/11/19 Sonos | SONO | OB | \$108,480 | 8,000 1 | DIR | 9/9/19 | \$13.56 | \$13.66 | 1,452 | 2,130 |
| 000 | 0 | 9/12/19 XPO Logistics | XPO | В | \$103,703 | 1,375 1 | DIR | 9/10/19 | \$75.42 | \$69.36 | 6,394 | 880 |
| 000 | 0 | 9/13/19 Carlisle | CSL | В | \$102,649 | 697 1 | VP | 9/12/19 | \$147.27 | \$140.87 | 7,974 | 360 |
| 000 | 0 | 9/11/19 Pure Storage | PSTG | OB | \$100,000 | 33,557 1 | PR | 9/9/19 | \$2.98 | \$16.04 | 4,060 | 4,800 |
| 000 | 0 | 9/9/19 Home Banc | HOMB | OE* | \$91,840 | 14,000 1 | COO | 9/5/19 | \$6.56 | \$18.03 | 3,020 | 420 |
| 000 | 0 | 8/21/19 eHealth | EHTH | В | \$82,100 | 1,000 1 | DIR | 9/6/19 | \$82.10 | \$101.64 | 2,318 | 270 |
| 000 | 0 | 9/13/19 Quanex Building Prod | NX | ОВ | \$81,621 | 5,489 1 | DIR | 9/12/19 | \$14.87 | \$17.11 | 567 | 110 |
| 000 | 0 | 8/19/19 Yum! Brands | YUM | OE* | \$76,310 | 3,250 1 | CEO | 9/11/19 | \$23.48 | \$117.31 | 35,696 | 1,280 |
| 000 | 0 | 8/5/19 Federal Signal | FSS | OE* | \$66,941 | 10,267 1 | GC,SEC,VP | 9/6/19 | \$6.52 | \$30.26 | 1,826 | 310 |
| 000 | 0 | 8/29/19 Premier Finl Banc | PFBI | В | \$55,327 | 3,628 1 | DIR | 9/9/19 | \$15.25 | \$15.39 | 225 | 20 |
| 000 | 0 | 9/13/19 Stewart Info Svs | STC | В | \$52,530 | 1,500 1 | DIR | 9/13/19 | \$35.02 | \$35.47 | 841 | 100 |









InsiderInsights Ratings of Latest Insider Sales

InsiderInsights Ratings of Companies with Form 4 Sales and Distributions Filed at the SEC in the Past Week

Sorted by: Insider Rating, then Total Transaction Value.

Generated with Special Screens tool at InsiderInsights.com using Pre-Programmed Screen: "Ratings of Latest Sales"

| | | | | | Total | | | | Latest | Ave. | | % Pr | Mkt |
|----------------|---------|---------------------------------|-------------|----------|---------------|------------|---------------|-------------------------|---------|----------|----------|------------|------------------|
| Insider | Rating | | | Trans | Sale | Shares | | | Trans | Sale | Recent | Below | Cap |
| Rating* | Date | Company | Ticker | Type(s)* | Value | Sold | # Ins | siders - Title(s)* | Date | Price | Price | Highs | (mm) |
| ● ○○ -1 | 8/28/19 | Franks Intl NV | FI | S | \$2,467,845 | 555,593 | 1 | DIR | 9/9/19 | \$4.44 | \$4.67 | -52% | 1,052 |
| ●○○ -1 | 9/12/19 | Zuora | ZUO | S | \$607,170 | 38,377 | 1 | DIR | 9/11/19 | \$15.82 | \$14.29 | -56% | 1,588 |
| 000 -0.5 | 8/23/19 | Penn Virginia | PVAC | S | \$612,884 | 18,586 | 1 | CFO,VP | 9/13/19 | \$32.98 | \$31.48 | -63% | 476 |
| 000 -0.5 | 9/11/19 | LogMeln | LOGM | AS | \$498,680 | 7,124 | 1 | DIR | 9/10/19 | \$70.00 | \$70.17 | -28% | 3,469 |
| 000 -0 | 9/10/19 | PRA Health Sciences | PRAH | JS* | \$1.3bn | 13,333,368 | 2 | ВО | 9/6/19 | \$97.41 | \$97.72 | -20% | 6,436 |
| 000 -0 | 8/8/19 | Motorola Solutions | MSI | os | \$961,575,872 | 5,471,271 | 1 | DIR | 9/9/19 | \$175.75 | \$178.73 | -2% | 29,590 |
| 000 -0 | 8/1/19 | Ceridian HCM | CDAY | JS*,OS | \$868,000,000 | 15,500,000 | 3 | BO,CB,CEO,DIR | 9/6/19 | \$56.00 | \$58.06 | -4% | 8,255 |
| 000 -0 | 7/8/19 | GMS | GMS | JS* | \$367,597,632 | 13,650,116 | 2 | ВО | 9/9/19 | \$26.93 | \$23.84 | -5% | 963 |
| 000 -0 | 9/11/19 | Copart | CPRT | os | \$172,587,968 | 4,000,000 | 1 | CEO,DIR | 9/9/19 | \$43.15 | \$76.24 | -46% | 17,468 |
| 000 -0 | | Facebook | FB | AS | \$130,517,046 | 694,608 | 3 | BO,CB,CEO,COO,DIR | 9/11/19 | \$187.90 | \$182.04 | -12% | 519,351 |
| 000 -0 | 9/6/19 | | ZAYO | S | \$50,655,000 | 1,500,000 | 1 | CEO,DIR | 9/11/19 | \$33.77 | \$33.90 | -10% | 7,986 |
| 000 -0 | | Regeneron Pharm | REGN | S | \$48,611,804 | 172,904 | 1 | ВО | 9/10/19 | \$281.15 | \$295.02 | -36% | 31,857 |
| 000 -0 | 8/28/19 | • | INTU | AS | \$37,136,892 | 133,333 | 1 | CB,DIR | 9/9/19 | \$278.53 | \$275.71 | -2% | 71,476 |
| 000 -0 | 8/23/19 | | CERN | OS | \$36,905,479 | 549,354 | 1 | VP | 9/9/19 | \$67.18 | \$71.68 | -13% | 22,823 |
| 000 -0 | | | | | | | | | | | | -5% | |
| 000 -0 | | Fidelity Natl Info Svcs | FIS WDAY | OS AS | \$36,856,486 | 274,755 | <u>4</u> 1 | CFO,COO,PR,VP BO,DIR | 9/12/19 | \$134.14 | \$137.97 | -24% | 84,637 43,702 |
| 000 | | Workday | | | \$30,048,720 | 175,000 | | | 9/12/19 | \$171.71 | \$193.37 | | |
| 000 | 8/9/19 | | APPN | S,AS | \$28,282,056 | 514,363 | 3 | BO,CEO,DIR,PR | 9/10/19 | \$54.98 | \$60.24 | -9% -7% | 3,909 |
| 000 | | United Tech | UTX | OS | \$26,787,315 | 199,170 | 6 | CB,CEO,CFO,CT,DIR | 9/12/19 | \$134.49 | \$127.96 | | 110,408 |
| 000 | | Cardlytics | CDLX | JS* | \$17,765,000 | 550,000 | 3 | CEO,COO,DIR | 9/13/19 | \$32.30 | \$32.41 | -7% | 740 |
| 000 -0 | | Integra Lifesciences | IART | S,OS | \$15,773,487 | 260,159 | 3 | CEO,DIR,OO,PR,VP | 9/12/19 | \$60.63 | \$61.52 | -4% | 5,262 |
| 000 -0 | | RingCentral | RNG | OS,AS | \$14,851,240 | 113,959 | 3 | BO,CAO,CB,CEO,COO | | \$130.32 | \$142.31 | -15% | 11,807 |
| 000 -0 | 7/5/19 | Automatic Data Proc | ADP | OS | \$13,887,914 | 85,502 | 1 | CEO,PR | 9/11/19 | \$162.43 | \$169.53 | -6% | 73,566 |
| 000 -0 | 8/7/19 | Boston Beer | SAM | AS | \$13,679,739 | 35,000 | 1 | BO,CB,DIR | 9/12/19 | \$390.85 | \$437.44 | -15% | 5,294 |
| 000 -0 | 9/3/19 | Amer Finl | AFG | OS,S | \$13,186,764 | 126,540 | 3 | CEO,DIR,PR,VP | 9/12/19 | \$104.21 | \$101.39 | -7% | 9,119 |
| 000 -0 | 8/9/19 | Becton Dickinson | BDX | OS | \$12,830,423 | 49,094 | 4 | CAO,CB,CEO,DIR,FO | 9/6/19 | \$261.34 | \$255.18 | -2% | 68,887 |
| 000 -0 | 8/19/19 | DexCom | DXCM | S,AS | \$12,101,800 | 81,187 | 10 | CB,CEO,CFO,CTO,DIR | 9/10/19 | \$149.06 | \$174.37 | -15% | 15,900 |
| 000 -0 | 9/10/19 | Zumiez | ZUMZ | AS,OS | \$11,385,756 | 361,077 | 3 | BO,CEO,DIR,LO,PR | 9/11/19 | \$31.53 | \$24.88 | -4% | 640 |
| 000 -0 | 8/21/19 | RBC Bearings | ROLL | os | \$11,039,498 | 68,726 | 2 | CEO,DIR,PR | 9/12/19 | \$160.63 | \$158.85 | -7% | 3,951 |
| OOO -0 | 8/14/19 | CarGurus | CARG | OS,AS | \$10,888,007 | 321,068 | 3 | BO,CB,CEO,COO,DIR | 9/12/19 | \$33.91 | \$32.15 | -38% | 3,587 |
| 0-0 | 9/13/19 | Ralph Lauren | RL | AS | \$10,686,195 | 107,142 | 1 | ВО | 9/12/19 | \$99.74 | \$87.90 | -29% | 6,788 |
| 000 -0 | 6/12/19 | Elastic NV | ESTC | OS,S | \$9,157,394 | 103,314 | 2 | DIR,GC,VP | 9/11/19 | \$88.64 | \$83.25 | -10% | 6,273 |
| 000 -0 | 8/22/19 | TransDigm | TDG | OS | \$8,906,467 | 17,083 | 1 | CB,DIR | 9/9/19 | \$521.36 | \$530.26 | -4% | 28,279 |
| 000 -0 | 9/12/19 | Medtronic PLC | MDT | os | \$8,893,712 | 82,877 | 1 | PR,VP | 9/10/19 | \$107.31 | \$107.83 | -2% | 144,614 |
| 000 -0 | 8/26/19 | Novocure | NVCR | os | \$8,231,374 | 105,000 | 2 | CFO,DIR | 9/12/19 | \$78.39 | \$96.60 | -21% | 9,484 |
| 000 -0 | 9/13/19 | Primoris Svs | PRIM | S | \$7,639,492 | 372,347 | 1 | BO,DIR | 9/13/19 | \$20.52 | \$19.55 | -20% | 997 |
| 000 -0 | | Dell Tech | DELL | os | \$7,266,651 | 131,900 | 1 | 0 | 9/10/19 | \$55.09 | \$49.04 | -22% | 35,238 |
| | 8/22/19 | | PLAN | S,AS | \$7,235,202 | | | CB,CEO,CFO,DIR,O | 9/12/19 | \$48.25 | \$58.38 | -20% | 7,541 |
| 000 -0 | | Smartsheet | SMAR | AS | \$6,787,421 | 175,000 | | CEO,CFO,DIR,PR,TR | 9/11/19 | \$38.79 | \$51.76 | -29% | 5,973 |
| 000 -0 | 8/20/19 | | EXPE | OS | \$6,649,125 | 50,000 | 1 | DIR | 9/6/19 | \$132.98 | \$130.77 | -8% | 22,274 |
| 000 -0 | | • | MSFT | S | | | 2 | HR,SO,VP | | | | -4% | |
| 000 -0 | | Microsoft Edwards Lifesciences | | | \$6,630,189 | 49,000 | | | 9/10/19 | \$135.31 | \$137.78 | 0% | \$1.05bn |
| 000 | 7/17/19 | Edwards Lifesciences | EW | OS OS | \$6,603,578 | 30,350 | 2 | CB,CEO,CFO,DIR,VP | 9/10/19 | \$217.58 | \$216.67 | -7% | 45,061 |
| 000 | | | CDW | OS | \$6,543,293 | 58,333 | 1 | DIR BO CEO DIB | 9/10/19 | \$112.17 | \$116.52 | | 16,862 |
| 000 -0 | 8/8/19 | | HES | AS | \$6,487,528 | 99,795 | 1 | BO,CEO,DIR | 9/11/19 | \$65.01 | \$63.95 | -13% | 19,472 |
| 000 -0 | | LPL Finl | LPLA | OS,AS | \$6,431,217 | 80,279 | 2 | CEO,DIR,MD,PR | 9/10/19 | \$80.11 | \$75.04 | -11% | 6,177 |
| OOO -0 | | Amphastar Pharm | AMPH | S,JS* | \$6,330,638 | 303,910 | 2 | BO,CEO,DIR,VP | 9/11/19 | \$20.83 | \$22.56 | -15% | 1,065 |
| <u> </u> | 6/21/19 | | K | AS | \$6,308,790 | 100,000 | 1 | ВО | 9/10/19 | \$63.09 | \$63.87 | -16% | 21,756 |
| 000 -0 | | Northfield Banc | NFBK | OS,S | \$6,263,752 | 388,325 | 2 | CB,DIR,VP | 9/12/19 | \$16.13 | \$15.63 | -4% | 770 |
| 000 -0 | 7/23/19 | ServiceNow | NOW | AS,OS | \$6,007,672 | 23,563 | 2 | DIR,O | 9/12/19 | \$254.96 | \$264.64 | -16% | 49,620 |
| 000 -0 | 7/17/19 | Adv Micro Devices | AMD | os | \$5,823,453 | 188,986 | 3 | CAO,CEO,DIR,PR,VP | 9/9/19 | \$30.81 | \$31.90 | -11% | 34,629 |
| OOO -0 | 7/18/19 | JB Hunt Transport | JBHT | S | \$5,564,622 | 50,000 | 1 | DIR | 9/6/19 | \$111.29 | \$101.79 | -13% | 10,868 |
| | | the Voy to Patings | | | ion Tuno codo | | | | | | ntinuad | | |

See last page for the Key to Ratings, Titles & Transaction Type codes.





InsiderInsights Ratings of Companies with Form 4 Sales and Distributions Filed at the SEC in the Past Week

Sorted by: Insider Rating, then Total Transaction Value.

Generated with Special Screens tool at InsiderInsights.com using Pre-Programmed Screen: "Ratings of Latest Sales"

| | | | | | Total | | | | Latest | Ave. | | % Pr | Mkt |
|---------------|---------|------------------------|--------|----------|----------------------------|---------|-------|---------------------|---------|----------|----------|-------|---------|
| Insider | Rating | | | Trans | Sale | Shares | | | Trans | Sale | Recent | Below | Cap |
| Rating* | _ | Company | Ticker | Type(s)* | Value | Sold | # Ins | iders - Title(s)* | Date | Price | Price | Highs | (mm) |
| 000 -0 | 9/10/19 | Arena Pharm | ARNA | os | \$5,527,088 | 109,084 | 2 | GC,SEC,VP | 9/10/19 | \$50.67 | \$55.04 | -21% | 2,742 |
| 000 -0 | 9/11/19 | Arrowhead Pharm | ARWR | S | \$5,440,000 | 185,000 | 1 | DIR | 9/11/19 | \$29.41 | \$32.12 | -17% | 3,061 |
| 000 -0 | 8/19/19 | Okta | OKTA | AS | \$5,366,951 | 50,000 | 1 | 0 | 9/10/19 | \$107.34 | \$133.87 | -24% | 15,280 |
| 000 -0 | | Seagate Tech PLC | STX | OS,AS | \$5,164,355 | 95,000 | 2 | CEO,DIR | 9/11/19 | \$54.36 | \$47.58 | -5% | 12,801 |
| 000 -0 | 8/28/19 | | VG | AS | \$5,019,833 | 400,000 | 1 | DIR | 9/11/19 | \$12.55 | \$13.37 | -15% | 3,237 |
| 000 -0 | | Merit Medical Sys | MMSI | S | \$4,967,090 | 161,817 | 1 | CEO,DIR,PR | 9/6/19 | \$30.70 | \$34.64 | -54% | 1,911 |
| 000 -0 | | Monolithic Power | MPWR | AS | \$4,695,556 | 30,127 | 2 | CFO,SO,VP | 9/9/19 | \$155.86 | \$155.37 | -3% | 6,719 |
| 000 -0 | | Maxim Integrated Prod | | AS,S,OS | \$4,635,058 | 78,752 | 6 | CEO,CO,DIR,LO,PR | 9/12/19 | \$58.86 | \$54.61 | -9% | 14,814 |
| 000 -0 | | Fox Factory | FOXF | S,OS | \$4,493,572 | 67,000 | 2 | CFO,DIR,TR | 9/13/19 | \$67.07 | \$76.16 | -22% | 2,927 |
| 000 -0 | | Genomic Health | GHDX | AS,OS | \$4,164,902 | 57,612 | 3 | CEO,CFO,DIR,O,PR | 9/10/19 | \$72.29 | \$73.52 | -21% | 2,742 |
| 000 -0 | | Inspire Medical Sys | INSP | AS | \$4,002,580 | 60,000 | 1 | DIR | 9/9/19 | \$66.71 | \$65.51 | -4% | 1,566 |
| 000 -0 | | General Motors | GM | os | \$3,950,000 | 100,000 | 1 | VP | 9/9/19 | \$39.50 | \$37.26 | -6% | 53,197 |
| 000 | | | | | | | | | | | | | |
| 000 -0 | | PAR Tech | PAR | AS | \$3,941,508 \$3,044,570 | 165,242 | 1 | BO,DIR | 9/12/19 | \$23.85 | \$21.95 | -17% | 359 |
| 000 -0 | | Westrock Co | WRK | OS | \$3,914,570 | 103,015 | 1 | DIR OF O DID DD | 9/11/19 | \$38.00 | \$33.63 | -34% | 8,654 |
| 000 -0 | | T Rowe Price | TROW | OS | \$3,634,746 | 37,437 | 1 | CEO,DIR,PR | 9/6/19 | \$97.09 | \$109.18 | -18% | 25,719 |
| 000 | | Estee Lauder | EL | os | \$3,612,411 | 17,552 | 1 | VP | 9/6/19 | \$205.81 | \$202.56 | 0% | 73,301 |
| 000 -0 | | Quaker Chemical | KWR | OS | \$3,594,289 | 22,578 | 1 | CB,CEO,DIR,PR | 9/6/19 | \$159.19 | \$154.39 | -29% | 2,059 |
| 000 | | Avalara | AVLR | S,OS | \$3,562,547 | 46,802 | 2 | DIR | 9/12/19 | \$76.12 | \$86.91 | -20% | 6,561 |
| 000 -0 | 7/30/19 | • | PYPL | OS | \$3,326,061 | 30,000 | 1 | CEO,DIR,PR | 9/5/19 | \$110.87 | \$108.77 | -9% | 127,987 |
| 000 -0 | | Eli Lilly & Co | LLY | AS | \$3,289,695 | 28,952 | 2 | HR,PR,VP | 9/5/19 | \$113.63 | \$111.61 | -13% | 107,752 |
| 000 -0 | 8/2/19 | Skechers USA | SKX | AS | \$3,210,000 | 90,000 | 1 | DIR | 9/13/19 | \$35.67 | \$31.09 | -9% | 4,874 |
| 000 -0 | 7/1/19 | BJs Wholesale Club | BJ | OS | \$3,198,091 | 115,584 | 6 | IO,SEC,TR,VP | 9/12/19 | \$27.67 | \$26.42 | -15% | 3,676 |
| OOO -0 | 8/22/19 | GCI Liberty | GLIBA | S | \$3,188,190 | 50,000 | 1 | DIR | 9/11/19 | \$63.76 | \$60.38 | -2% | 6,376 |
| OOO -0 | 6/24/19 | salesforcecom | CRM | AS | \$3,131,007 | 20,620 | 2 | CB,CEO,CTO,DIR,F | 9/12/19 | \$151.84 | \$148.24 | -8% | 129,747 |
| OOO -0 | 9/10/19 | Seacor | CKH | S,OS | \$3,082,855 | 64,932 | 2 | CB,CEO,CFO,DIR,VP | 9/11/19 | \$47.48 | \$47.48 | -8% | 952 |
| OOO -0 | 6/10/19 | AmerisourceBergen | ABC | OS | \$2,937,347 | 33,902 | 2 | CB,CEO,DIR,PR,VP | 9/9/19 | \$86.64 | \$85.55 | -9% | 17,822 |
| OOO -0 | 8/29/19 | Wynn Resorts | WYNN | AS | \$2,932,383 | 25,000 | 1 | CEO,DIR | 9/12/19 | \$117.30 | \$110.13 | -23% | 11,852 |
| OOO -0 | 8/29/19 | Gossamer Bio | GOSS | S | \$2,855,032 | 134,180 | 1 | ВО | 9/11/19 | \$21.28 | \$17.46 | -14% | 1,151 |
| OOO -0 | 9/12/19 | MAXIMUS | MMS | AS | \$2,762,274 | 35,000 | 1 | VCB | 9/12/19 | \$78.92 | \$77.54 | -2% | 4,948 |
| OOO -0 | 8/15/19 | Service Intl | SCI | OS,S | \$2,742,848 | 57,900 | 2 | CB,CEO,CT,DIR,PR,VP | 9/12/19 | \$47.37 | \$47.10 | -3% | 8,589 |
| 0-0 | 9/9/19 | Morningstar | MORN | AS | \$2,715,387 | 17,381 | 1 | BO,CB,DIR | 9/12/19 | \$156.23 | \$155.56 | -1% | 6,652 |
| OOO -0 | 8/19/19 | Tyler Tech | TYL | OS,S | \$2,660,641 | 10,300 | 2 | DIR | 9/6/19 | \$258.31 | \$258.59 | -1% | 9,977 |
| 000 -0 | 9/4/19 | Proofpoint | PFPT | AS,OS | \$2,646,160 | 21,200 | 2 | CEO,DIR,VP | 9/12/19 | \$124.82 | \$116.04 | -6% | 6,506 |
| OOO -0 | 9/6/19 | Shockwave Medical | SWAV | os | \$2,602,929 | 75,000 | 1 | CFO | 9/9/19 | \$34.71 | \$40.38 | -49% | 1,132 |
| OOO -0 | 8/5/19 | Arista Networks | ANET | AS | \$2,553,470 | 10,874 | 1 | CTO,VP | 9/10/19 | \$234.82 | \$227.28 | -29% | 17,420 |
| OOO -0 | 9/4/19 | Lindblad Expeditions | LIND | AS | \$2,545,858 | 142,400 | 1 | DIR | 9/12/19 | \$17.88 | \$18.99 | -10% | 942 |
| 000 -0 | | Palo Alto Networks | PANW | AS | \$2,527,873 | 12,000 | 1 | CTO,DIR,VP | 9/12/19 | \$210.66 | \$204.56 | -19% | 19,633 |
| 000 -0 | 8/20/19 | | ECL | os | \$2,511,423 | 12,678 | 1 | PR,VP | 9/12/19 | \$198.09 | \$206.88 | -6% | 59,530 |
| 000 -0 | | Alexandria RE Equities | | S | \$2,386,382 | 15,683 | 2 | CB,DIR,O | 9/10/19 | \$152.16 | \$149.41 | -1% | 16,946 |
| 000 -0 | | Toll Brothers | TOL | os | \$2,358,319 | 61,675 | 2 | CEO,DIR | 9/12/19 | \$38.24 | \$36.00 | -4% | 5,179 |
| 000 -0 | | ACCO Brands | ACCO | OS,S | \$2,349,514 | 249,434 | 4 | CAO,CB,CEO,DIR,GC | 9/10/19 | \$9.42 | \$9.84 | -24% | 963 |
| 000 -0 | | Bio-Rad LABS | BIO | JS* | \$2,299,127 | 6,848 | | VP | 9/12/19 | \$335.74 | \$341.95 | -5% | 10,189 |
| 000 -0 | | Alkermes Plc | ALKS | os | \$2,268,220 | 100,000 | 1 | CEO,DIR | 9/12/19 | \$22.68 | \$21.37 | -52% | 3,358 |
| 000 -0 | 9/12/19 | | SPLK | AS | \$2,254,888 | 19,556 | 3 | CEO,CTO,DIR,LO,PR | 9/12/19 | \$115.30 | \$118.41 | -19% | 17,782 |
| 000 -0 | | Starbucks | SBUX | os | \$2,216,890 | 23,128 | 2 | CAO,VP | 9/9/19 | \$95.85 | \$96.49 | -4% | 115,499 |
| 000 -0 | | | RVI | S | | 59,400 | 1 | BO | | \$37.18 | | -4% | 720 |
| 000 -0 | | Retail Value | | | \$2,208,568 | | | | 9/11/19 | | \$37.77 | -12% | |
| 000 | | Curtiss-Wright | CW | AS,S | \$2,086,248 | 16,439 | 2 | CB,CEO,CFO,VP | 9/9/19 | \$126.91 | \$122.97 | | 5,255 |
| 000 | | Amer Software | AMSWA | OS | \$2,050,579 | 135,700 | 3 | CB,DIR,SEC | 9/12/19 | \$15.11 | \$14.44 | -20% | 453 |
| 000 | 9/13/19 | • | KEX | OS | \$1,996,997 | 25,008 | 4 | CEO,CT,DIR,GC,PR,VP | | \$79.85 | \$74.47 | -12% | 4,461 |
| -0 | | Enphase Energy | ENPH | AS | \$1,996,190 | 73,314 | 4 | CEO,CFO,COO,DIR,PR | 9/9/19 | \$27.23 | \$33.75 | -18% | 4,117 |

See last page for the Key to Ratings, Titles & Transaction Type codes.





InsiderInsights Ratings of Companies with Form 4 Sales and Distributions Filed at the SEC in the Past Week

Sorted by: Insider Rating, then Total Transaction Value.

Generated with Special Screens tool at InsiderInsights.com using Pre-Programmed Screen: "Ratings of Latest Sales"

| | | · | | | | | | - | | | | | |
|---------|---------|---------------------|--------|----------|----------------------------|---------|-------|--------------------|---------|--------------------|----------|-------|----------------|
| | | | | | Total | | | | Latest | Ave. | | % Pr | Mkt |
| Insider | Rating | | | Trans | Sale | Shares | | | Trans | Sale | Recent | Below | Cap |
| Rating* | Date | Company | Ticker | Type(s)* | Value | Sold | # Ins | siders - Title(s)* | Date | Price | Price | Highs | (mm) |
| 000 -0 | 9/13/19 | SkyWest | SKYW | OS,S | \$1,955,231 | 32,553 | 3 | COO,DIR,O | 9/12/19 | \$60.06 | \$56.31 | -9% | 2,867 |
| OOO -0 | 7/17/19 | Nordson | NDSN | S | \$1,947,714 | 13,538 | 1 | CEO,DIR,PR | 9/12/19 | \$143.87 | \$134.82 | -7% | 7,751 |
| OOO -0 | 7/10/19 | Seattle Genetics | SGEN | OS | \$1,945,531 | 28,472 | 1 | CEO,DIR,PR | 9/9/19 | \$68.33 | \$78.36 | -19% | 13,226 |
| 000 -0 | 9/12/19 | Intl Paper Co | IP | S | \$1,909,728 | 45,000 | 1 | VP | 9/12/19 | \$42.44 | \$38.86 | -23% | 15,266 |
| 000 -0 | 9/13/19 | Brunswick | BC | OS | \$1,892,276 | 35,000 | 1 | CFO,VP | 9/12/19 | \$54.07 | \$46.52 | -23% | 3,988 |
| 000 -0 | 7/31/19 | Plexus | PLXS | AS | \$1,890,000 | 30,000 | 1 | CB,DIR | 9/11/19 | \$63.00 | \$58.43 | -6% | 1,711 |
| 0-0 | 9/6/19 | Marvell Tech | MRVL | S | \$1,879,354 | 74,856 | 2 | DIR,VP | 9/12/19 | \$25.11 | \$24.80 | -6% | 16,393 |
| 000 -0 | 9/3/19 | Total Sys Svs | TSS | os | \$1,874,561 | 13,759 | 1 | DIR | 9/12/19 | \$136.24 | \$131.04 | -2% | 23,191 |
| 000 -0 | 6/18/19 | NVIDIA | NVDA | S | \$1,823,714 | 10,000 | 1 | DIR | 9/10/19 | \$182.37 | \$171.48 | -38% | 104,431 |
| 000 -0 | 8/14/19 | Alteryx | AYX | AS | \$1,764,796 | 13,000 | 1 | CFO | 9/9/19 | \$135.75 | \$142.30 | -6% | 8,936 |
| 0-0 | 9/10/19 | Docusign | DOCU | AS,OS | \$1,690,190 | 30,000 | 2 | COO,O | 9/11/19 | \$56.34 | \$44.75 | -13% | 7,778 |
| 000 -0 | 9/3/19 | Dennys | DENN | S,OS | \$1,677,543 | 71,980 | 2 | CFO,DIR,VP | 9/12/19 | \$23.31 | \$23.49 | -1% | 1,396 |
| 0-0 | 9/10/19 | Avnet | AVT | S,OS | \$1,657,682 | 37,472 | 2 | DIR,PR | 9/11/19 | \$44.24 | \$42.21 | -9% | 4,374 |
| 000 -0 | 9/13/19 | CBIZ | CBZ | S | \$1,617,000 | 70,000 | 1 | DIR | 9/11/19 | \$23.10 | \$22.90 | -5% | 1,255 |
| 000 -0 | 8/16/19 | Tetra Tech | TTEK | OS,S | \$1,569,977 | 18,999 | 2 | DIR,VP | 9/12/19 | \$82.63 | \$80.55 | -4% | 4,402 |
| 000 -0 | 8/21/19 | Coupa Software | COUP | os | \$1,569,049 | 11,336 | 1 | 0 | 9/12/19 | \$138.41 | \$141.46 | -7% | 8,738 |
| 0- 0 | 8/6/19 | TriNet | TNET | AS | \$1,491,867 | 23,500 | 1 | DIR | 9/9/19 | \$63.48 | \$67.60 | -18% | 4,728 |
| 0- 000 | 9/13/19 | Cisco Sys | CSCO | AS | \$1,485,729 | 29,688 | 2 | CB,CEO,DIR,GC,VP | 9/13/19 | \$50.04 | \$48.18 | -14% | 206,246 |
| 0- 0 | | Electronic Arts | EA | AS | \$1,437,512 | 14,400 | 4 | CFO,COO,GC,SO,VP | 9/10/19 | \$99.83 | \$94.62 | -23% | 27,885 |
| 0- 000 | 8/12/19 | Douglas Dynamics | PLOW | AS | \$1,435,942 | 32,620 | 1 | CB,DIR | 9/13/19 | \$44.02 | \$41.88 | -8% | 955 |
| 000 -0 | | Starwood Prop Tr | STWD | S | \$1,424,700 | 60,000 | 2 | COO,GC,PR | 9/6/19 | \$23.75 | \$23.83 | 0% | 6,708 |
| 000 -0 | | Standard Motor Prod | SMP | AS,S | \$1,366,657 | 27,331 | 3 | | 9/11/19 | \$50.00 | \$45.03 | -12% | 1,005 |
| 000 -0 | | Tech Data | TECD | S | \$1,316,324 | 12,550 | 3 | | 9/11/19 | \$104.89 | \$90.34 | -6% | 3,296 |
| 000 -0 | | Applied Materials | AMAT | S | \$1,297,214 | 25,218 | 1 | DIR | 9/5/19 | \$51.44 | \$47.03 | -2% | 44,025 |
| 000 -0 | | elf Beauty | ELF | AS | \$1,258,231 | 78,015 | 1 | CEO,DIR | 9/12/19 | \$16.13 | \$18.24 | -16% | 910 |
| 000 -0 | | Falcon Minerals | FLMN | S | \$1,241,856 | 176,400 | 1 | ВО | 9/11/19 | \$7.04 | \$6.43 | -40% | 552 |
| 000 -0 | 7/31/19 | | QDEL | os | \$1,237,541 | 18,373 | 3 | DIR,OO,VP | 9/11/19 | \$67.36 | \$60.80 | -11% | 2,520 |
| 000 -0 | | Hormel Foods | HRL | OS | \$1,226,111 | 28,677 | 2 | CT,VP | 9/11/19 | \$42.76 | \$42.95 | -5% | 22,929 |
| 000 -0 | | Stifel Finl | SF | S | \$1,217,627 | 21,162 | 3 | DIR,GC,VCB,VP | 9/13/19 | \$57.54 | \$53.68 | -4% | 3,735 |
| 000 -0 | 9/11/19 | | QTWO | os | \$1,213,800 | 15,000 | 1 | CFO | 9/10/19 | \$80.92 | \$91.82 | -14% | 4,373 |
| 0-0 | | Assured Guaranty | AGO | OS | \$1,210,409 | 27,060 | 3 | | 9/12/19 | \$44.73 | \$43.61 | -6% | 4,305 |
| 000 -0 | | Tempur Sealy Intl | TPX | AS | \$1,205,509 | 15,709 | 1 | PR,VP | 9/9/19 | \$76.74 | \$78.31 | -6% | 4,292 |
| 000 -0 | 7/11/19 | | SQ | AS | \$1,205,200 | 20,000 | 1 | 0 | 9/10/19 | \$60.26 | \$64.68 | -40% | 27,627 |
| 000 -0 | 8/20/19 | | NMIH | S,OS | \$1,198,356 | 42,946 | 2 | CB,CFO,DIR,VP | | | \$28.37 | -11% | |
| 000 -0 | | Deciphera Pharm | DCPH | OS | \$1,180,272 | 33,750 | 2 | CFO,DIR | 9/6/19 | \$27.90 \$34.97 | \$37.01 | -19% | 1,923 1,815 |
| 000 -0 | | Penumbra | PEN | AS | | 8,000 | 1 | | 9/11/19 | \$144.67 | \$144.92 | -22% | 5,042 |
| 000 | | Designer Brands | DBI | OS | \$1,157,340 \$1,142,724 | | | PR,VCB | 9/6/19 | \$144.67 | \$144.92 | -53% | 1,129 |
| 000 -0 | | Horizon Therap PLC | | | | | | DIR,HR,VP | | | | -10% | |
| 000 | | | HZNP | OS,AS | \$1,137,211 | 42,838 | | | 9/13/19 | \$26.55 | \$27.68 | | 5,161 |
| 000 | | Huron Consulting | HURN | OS | \$1,100,810 | 17,500 | 1 | CEO,DIR | 9/5/19 | \$62.90 | \$61.13 | -2% | 1,401 |
| 000 | | Entegris | ENTG | S | \$1,077,041 | 24,294 | 1 | VP CC VP | 9/5/19 | \$44.33 | \$43.16 | -2% | 5,834 |
| 000 | | Eventbrite | EB | AS | \$1,015,905 | 57,342 | 1 | GC,VP | 9/10/19 | \$17.72 | \$19.11 | -56% | 1,583 |
| 000 -0 | 7/3/19 | | XRX | S | \$1,005,245 | 32,200 | 1 | VP TO VP | 9/10/19 | \$31.22 | \$28.61 | -15% | 6,331 |
| 000 | | Micron Tech | MU | AS | \$1,000,000 | 20,000 | 1 | TO,VP | 9/11/19 | \$50.00 | \$44.78 | -7% | 49,428 |
| 000 | | Boot Barn | BOOT | OS | \$999,915 | 28,569 | 1 | CEO,DIR | 9/10/19 | \$35.00 | \$31.79 | -12% | 905 |
| 000 -0 | | Repligen | RGEN | AS | \$996,521 | 12,094 | 1 | CEO,DIR | 9/9/19 | \$82.40 | \$92.66 | -17% | 4,775 |
| 000 -0 | 7/23/19 | | FIVN | S,OS | \$954,163 | 16,967 | 4 | CEO,CFO,DIR,PR | 9/12/19 | \$56.24 | \$63.71 | -12% | 3,864 |
| 000 -0 | | Tabula Rasa Health | TRHC | AS,OS | \$937,072 | 17,000 | 3 | | 9/11/19 | \$55.12 | \$62.75 | -39% | 1,386 |
| 000 -0 | 8/27/19 | | NCR | AS | \$934,766 | 28,833 | 1 | PR,VP | 9/5/19 | \$32.42 | \$31.37 | -8% | 3,777 |
| 000 -0 | 9/13/19 | | AAON | OS | \$895,458 | 17,805 | 3 | DIR,IO,PR,TO,VP | 9/12/19 | \$50.29 | \$47.05 | -6% | 2,452 |
| 0-0 | 8/20/19 | Tennant | TNC | OS | \$886,324 | 12,843 | 1 | CEO,DIR,PR | 9/10/19 | \$69.01 | \$67.88 | -14% | 1,236 |

See last page for the Key to Ratings, Titles & Transaction Type codes.







InsiderInsights Ratings of Companies with Form 4 Sales and Distributions Filed at the SEC in the Past Week
Sorted by: Insider Rating, then Total Transaction Value.

Generated with Special Screens tool at InsiderInsights.com using Pre-Programmed Screen: "Ratings of Latest Sales"

| | | | | _ | Total | | | Latest | Ave. | | % Pr | Mkt |
|---------------|---------|-------------------------|---------|----------|-----------|----------------------|--------------------|----------------------|----------|----------|-------|---------|
| Insider | Rating | 0 | Thelese | Trans | Sale | Shares "La | -1.d T!H-/-* | Trans | Sale | Recent | Below | Cap |
| Rating* | Date | Company | Ticker | Type(s)* | Value | | siders - Title(s)* | Date | Price | Price | Highs | (mm) |
| 000 -0 | 9/11/19 | • | BRC | OS | \$814,661 | 15,708 2 | | 9/9/19 | \$51.86 | \$48.43 | -1% | 2,558 |
| 000 -0 | | Horace Mann Educator | | AS | \$803,096 | 17,500 2 | | 9/10/19 | \$45.89 | \$43.78 | -2% | 1,804 |
| 000 -0 | | Toro Co | TTC | OS | \$787,527 | 10,740 2 | IO,VP | 9/10/19 | \$73.33 | \$72.41 | -2% | 7,707 |
| 000 -0 | 8/20/19 | Ball | BLL | OS | \$767,772 | 9,775 1 | CB,DIR,PR | 9/6/19 | \$78.54 | \$79.76 | -3% | 26,481 |
| 000 -0 | 7/26/19 | BankUnited | BKU | OS | \$756,147 | 22,133 1 | DIR | 9/13/19 | \$34.16 | \$31.84 | -16% | 3,027 |
| OOO -0 | 8/19/19 | Ciena | CIEN | AS | \$753,661 | 19,071 2 | DIR | 9/11/19 | \$39.52 | \$41.19 | -14% | 6,388 |
| OOO -0 | 9/10/19 | Natl Bank | NBHC | OS,S | \$747,577 | 21,833 2 | DIR,VP | 9/12/19 | \$34.24 | \$33.43 | -18% | 1,041 |
| OOO -0 | 6/24/19 | Tactile Sys Tech | TCMD | OS,S | \$727,119 | 14,750 2 | DIR,SO,VP | 9/10/19 | \$49.30 | \$50.37 | -37% | 955 |
| OOO -0 | 8/23/19 | LGI Homes | LGIH | AS | \$724,086 | 8,949 1 | DIR | 9/9/19 | \$80.91 | \$80.10 | -1% | 1,838 |
| OOO -0 | 9/12/19 | Semtech | SMTC | S | \$719,342 | 15,438 2 | DIR,VP | 9/11/19 | \$46.60 | \$45.51 | -24% | 3,035 |
| 000 -0 | 8/16/19 | NextEra Energy | NEE | AS | \$718,757 | 3,279 1 | VP | 9/9/19 | \$219.20 | \$221.62 | -1% | 106,179 |
| OOO -0 | 9/12/19 | TESSCO Tech | TESS | OS | \$710,869 | 45,855 1 | VP | 9/12/19 | \$15.50 | \$15.68 | -22% | 134 |
| 000 -0 | 9/3/19 | Eaton PLC | ETN | S,OS | \$703,675 | 8,304 3 | DIR,O | 9/11/19 | \$84.74 | \$78.37 | -3% | 32,915 |
| 0-0 | 8/29/19 | WSFS FinI | WSFS | os | \$669,576 | 15,962 1 | VP | 9/5/19 | \$41.95 | \$42.55 | -16% | 2,255 |
| 0-00 | 9/9/19 | Tandem Diabetes Care | e TNDM | os | \$667,946 | 9,538 1 | CEO,PR | 9/6/19 | \$70.03 | \$67.59 | -6% | 3,964 |
| 0-0 | | Marriott Intl | MAR | S | \$650,156 | 4,866 1 | DIR | 9/12/19 | \$133.61 | \$128.19 | -7% | 42,221 |
| 000 -0 | | VMware | VMW | AS | \$643,355 | 4,342 2 | CAO,GC,SEC,VP | 9/10/19 | \$148.17 | \$148.15 | -30% | 60,624 |
| 0-0 | 8/21/19 | Everbridge | EVBG | AS | \$619,002 | 8,864 2 | | 9/12/19 | \$69.83 | \$85.19 | -33% | 2,859 |
| 0-0 | 8/23/19 | | RH | AS,OS | \$610,000 | 4,000 2 | | 9/10/19 | \$152.50 | \$146.66 | -8% | 2,727 |
| 000 -0 | | bluebird bio | BLUE | OS | \$592,682 | 5,910 2 | | 9/10/19 | \$100.28 | \$109.69 | -43% | 6,063 |
| 0-0 | | Fastenal | FAST | os | \$579,448 | 17,442 1 | | 9/12/19 | \$33.22 | \$30.73 | -8% | 17,622 |
| 000 -0 | | EVO Payments | EVOP | s | \$573,768 | 20,000 1 | GC,VP | 9/9/19 | \$28.69 | \$28.91 | -10% | 2,372 |
| 000 -0 | | Midland States Banc | MSBI | S,OS | \$573,766 | 21,767 2 | DIR | 9/11/19 | \$26.34 | \$26.43 | -26% | 644 |
| 000 -0 | | Teladoc Health | TDOC | , | | | BD,VP | | | \$59.78 | -30% | |
| 000 | | | | OS | \$570,269 | | | 9/9/19 | \$62.27 | | | 4,307 |
| 000 | | Independent Bank | INDB | AS | \$562,500 | 7,500 1 | DIR | 9/11/19 | \$75.00 | \$68.93 | -19% | 2,369 |
| 000 -0 | 7/12/19 | | PI | AS,S | \$560,285 | 16,328 2 | CEO,DIR | 9/10/19 | \$34.31 | \$37.75 | -12% | 822 |
| 000 -0 | | Waste Mgt | WM | OS | \$559,383 | 4,739 1 | 00,VP | 9/9/19 | \$118.04 | \$118.07 | -2% | 50,089 |
| 000 -0 | | BioLife Solutions | BLFS | OS | \$554,115 | 28,571 1 | CEO,DIR,PR | 9/11/19 | \$19.39 | \$20.74 | -26% | 394 |
| 000 -0 | 9/13/19 | • | COO | S | \$551,477 | 1,835 1 | | 9/12/19 | \$300.53 | \$329.82 | -13% | 16,322 |
| 000 -0 | | CVS Health | CVS | OS | \$528,450 | 8,130 1 | | 9/12/19 | \$65.00 | \$62.05 | -21% | 80,696 |
| 000 -0 | 8/8/19 | ALLETE | ALE | AS | \$521,880 | 6,000 1 | CB,CEO,DIR | 9/12/19 | \$86.98 | \$85.67 | -2% | 4,425 |
| 000 -0 | 7/2/19 | Citrix Sys | CTXS | S | \$520,166 | 5,400 1 | CAO,CT,VP | 9/11/19 | \$96.33 | \$92.99 | -16% | 12,173 |
| -0 | 7/3/19 | Cornerstone OnD | CSOD | OS | \$515,285 | 9,740 1 | DIR | 9/10/19 | \$52.90 | \$52.56 | -16% | 3,189 |
| OOO -0 | 9/11/19 | Shake Shack | SHAK | OS | \$506,977 | 5,125 1 | DIR | 9/11/19 | \$98.92 | \$98.99 | -1% | 3,691 |
| OOO -0 | 8/19/19 | Bright Horizons | BFAM | AS | \$504,840 | 3,333 1 | CEO,PR | 9/11/19 | \$151.47 | \$166.75 | -9% | 9,706 |
| 000 -0 | 8/2/19 | Skyline Champion | SKY | AS | \$501,128 | 15,924 1 | DIR | 9/12/19 | \$31.47 | \$30.11 | -3% | 1,708 |
| 000 -0 | 8/14/19 | Natl HealthCare | NHC | S | \$496,250 | 6,000 1 | DIR | 9/11/19 | \$82.71 | \$82.31 | -8% | 1,261 |
| 000 -0 | 7/16/19 | Forescout Tech | FSCT | os | \$487,039 | 13,471 2 | CFO,CO,GC,VP | 9/13/19 | \$36.15 | \$36.59 | -22% | 1,691 |
| 0-0 | 7/23/19 | Y-mAbs Therap | YMAB | S | \$465,561 | 17,243 1 | DIR | 9/6/19 | \$27.00 | \$27.00 | -13% | 923 |
| 0-0 | 7/30/19 | Anixter Intl | AXE | os | \$465,233 | 6,694 1 | CEO,DIR,PR | 9/13/19 | \$69.50 | \$59.34 | -6% | 2,001 |
| 000 -0 | 9/11/19 | Summit Hotel Prop | INN | S | \$464,000 | 40,000 1 | COO,VP | 9/10/19 | \$11.60 | \$11.21 | -18% | 1,179 |
| 000 -0 | 9/11/19 | NXP Semiconductors | NXPI | S | \$453,749 | 4,196 1 | HR,VP | 9/10/19 | \$108.14 | \$103.29 | 0% | 33,952 |
| 0-0 | 8/14/19 | Pegasystems | PEGA | os | \$453,293 | 6,432 2 | CAO,FO,VP | 9/12/19 | \$70.47 | \$70.14 | -10% | 5,550 |
| 0-0 | | Glaukos | GKOS | OS | \$440,000 | 6,250 1 | | 9/12/19 | \$70.40 | \$61.16 | -17% | 2,253 |
| 0-0 | | Veeva Sys | VEEV | AS | \$426,000 | 3,000 1 | | 9/10/19 | \$142.00 | \$159.52 | -20% | 23,492 |
| 0-0 | | Mimecast | MIME | OS | \$424,070 | 11,000 1 | | 9/11/19 | \$38.55 | \$43.73 | -29% | 2,701 |
| 000 -0 | | McKesson | MCK | OS,AS | \$421,667 | 2,922 2 | | 9/9/19 | \$144.31 | \$147.76 | -4% | 27,321 |
| 000 -0 | | | QNST | OS,AS | \$409,048 | | | | | \$11.02 | -37% | 553 |
| 000 -0 | | QuinStreet Vivint Solar | | | | 32,500 1 51,000 5 | | 9/11/19 VE 9/6/19 | \$12.59 | | -18% | |
| 000 | | Vivint Solar | VSLR | AS | \$407,017 | · · | CEO,CFO,DIR,O,SO | | \$7.98 | \$8.39 | | 1,020 |
| 000 -0 | 0/29/19 | Newmont Goldcorp | NEM | AS | \$406,980 | 10,500 3 | CTO,VP | 9/11/19 | \$38.76 | \$38.49 | -3% | 31,558 |

See last page for the Key to Ratings, Titles & Transaction Type codes.





InsiderInsights Ratings of Companies with Form 4 Sales and Distributions Filed at the SEC in the Past Week
Sorted by: Insider Rating, then Total Transaction Value.

Generated with Special Screens tool at InsiderInsights.com using Pre-Programmed Screen: "Ratings of Latest Sales"

| | | | | | | Total | | | | Latest | Ave. | | % Pr | Mkt |
|--------|----|---------|---------------------|--------|----------|---------------|-----------|-------|--------------------|---------|----------|----------|-------|---------|
| Inside | | Rating | | | Trans | Sale | Shares | | | Trans | Sale | Recent | Below | Cap |
| Rating | * | Date | Company | Ticker | Type(s)* | Value | Sold | # Ins | iders - Title(s)* | Date | Price | Price | Highs | (mm) |
| 000 | -0 | 7/17/19 | Colgate-Palmolive | CL | AS | \$396,948 | 5,486 | 3 | CFO,CT,PR,VP | 9/11/19 | \$72.36 | \$73.04 | -2% | 62,669 |
| 000 | -0 | 8/9/19 | CoreSite Rlty | COR | AS | \$395,833 | 3,590 | 1 | CEO,DIR,PR | 9/10/19 | \$110.26 | \$114.19 | -9% | 4,213 |
| 000 | -0 | 8/2/19 | ViaSat | VSAT | OS | \$388,400 | 5,000 | 1 | DIR | 9/11/19 | \$77.68 | \$78.58 | -20% | 4,817 |
| 000 | -0 | 9/11/19 | Bottomline Tech | EPAY | S | \$387,553 | 9,510 | 3 | DIR,LO | 9/10/19 | \$40.75 | \$43.93 | -45% | 1,911 |
| 000 | -0 | 7/5/19 | Xylem | XYL | OS | \$387,446 | 5,000 | 1 | VP | 9/9/19 | \$77.49 | \$75.57 | -9% | 13,605 |
| 000 | -0 | 7/31/19 | EXACT Sciences | EXAS | AS | \$383,138 | 3,527 | 1 | VP | 9/12/19 | \$108.63 | \$117.87 | -12% | 15,262 |
| 000 | -0 | 8/12/19 | Ferro | FOE | OS | \$374,031 | 35,000 | 1 | GC | 9/5/19 | \$10.69 | \$10.55 | -55% | 864 |
| 000 | -0 | 9/13/19 | Old Line Banc | OLBK | S | \$357,063 | 12,500 | 1 | DIR | 9/11/19 | \$28.57 | \$26.74 | -18% | 455 |
| 000 | -0 | 8/6/19 | Cincinnati Finl | CINF | os | \$354,306 | 3,198 | 1 | DIR | 9/11/19 | \$110.79 | \$111.03 | -1% | 18,135 |
| 000 | -0 | 9/11/19 | Vulcan Materials | VMC | os | \$341,508 | 2,406 | 1 | 0 | 9/11/19 | \$141.94 | \$143.36 | -2% | 18,965 |
| 000 | -0 | 6/12/19 | Qualys | QLYS | os | \$338,214 | 4,289 | 1 | 0 | 9/9/19 | \$78.86 | \$83.92 | -19% | 3,293 |
| 000 | -0 | 8/21/19 | Lincoln Electric | LECO | os | \$322,126 | 3,800 | 1 | SO,VP | 9/6/19 | \$84.77 | \$82.90 | -13% | 5,122 |
| 000 | -0 | 8/15/19 | Kaiser Aluminum | KALU | AS | \$321,000 | 3,250 | 3 | CFO,COO,IR,PR,VP | 9/11/19 | \$98.77 | \$89.91 | -16% | 1,439 |
| 000 | -0 | 6/25/19 | Jabil | JBL | AS | \$320,000 | 10,000 | 1 | VP | 9/11/19 | \$32.00 | \$27.82 | -1% | 4,254 |
| 000 | -0 | 9/10/19 | Williams-Sonoma | WSM | S | \$314,505 | 4,820 | 1 | PR | 9/6/19 | \$65.25 | \$68.32 | -12% | 5,370 |
| 000 | -0 | | Zebra Tech | ZBRA | S | \$303,604 | 1,549 | 1 | CAO | 9/12/19 | \$196.00 | \$204.38 | -17% | 11,060 |
| 000 | 0 | | Guardant Health | GH | JS* | \$377,300,000 | 4,900,000 | 1 | ВО | 9/11/19 | \$77.00 | \$98.62 | -31% | 9,168 |
| 000 | 0 | | L3Harris Tech | LHX | os | \$62,110,557 | 293,052 | 2 | CB,CEO,DIR,GC,SEC | 9/10/19 | \$211.94 | \$213.31 | -1% | 47,229 |
| 000 | 0 | | Fidelity Natl Finl | FNF | os | \$22,640,857 | 513,409 | 5 | COO,LO,PR,VP | 9/12/19 | \$44.10 | \$44.20 | -2% | 12,129 |
| 000 | 0 | | Parker-Hannifin | PH | OS,S | \$17,232,187 | 94,997 | 6 | CB,CEO,COO,DIR,HR | 9/12/19 | \$181.40 | \$164.45 | -6% | 21,097 |
| 000 | 0 | | First Citizens Banc | FCNCA | S S | \$9,440,046 | 20,000 | 2 | BO,DIR,PR | 9/12/19 | \$472.00 | \$449.04 | -3% | 4,929 |
| 000 | 0 | | | OCX | JS* | | | 1 | BO | | | | -76% | 99 |
| 000 | | | OncoCyte | | | \$6,640,000 | 4,000,000 | | | 9/11/19 | \$1.66 | \$1.91 | | |
| 000 | 0 | | Charles Schwab | SCHW | OS | \$4,430,950 | 105,422 | 1 | BO,CB,DIR | 9/11/19 | \$42.03 | \$37.87 | -20% | 49,503 |
| 000 | 0 | | Air Lease | AL | S,OS | \$3,674,817 | 85,000 | 4 | MD,SO,VP | 9/12/19 | \$43.23 | \$39.67 | -6% | 4,430 |
| 000 | 0 | | Pinnacle Finl Part | PNFP | S | \$3,441,627 | 60,469 | 3 | CAO,CEO,DIR | 9/12/19 | \$56.92 | \$53.31 | -13% | 4,102 |
| | 0 | | Ameresco | AMRC | OS | \$3,373,725 | 239,200 | 1 | BO,CEO,DIR,PR | 9/9/19 | \$14.10 | \$14.61 | -21% | 678 |
| 000 | 0 | | Stewart Info Svs | STC | S | \$2,317,358 | 65,711 | 1 | DIR | 9/12/19 | \$35.27 | \$35.47 | -23% | 841 |
| 000 | 0 | | PNC Finl Svs | PNC | S | \$2,314,709 | 17,132 | 1 | CEO,PR | 9/12/19 | \$135.11 | \$126.42 | -8% | 56,289 |
| 000 | 0 | 8/5/19 | Federal Signal | FSS | OS | \$1,793,896 | 55,905 | 2 | CFO,TR,VP | 9/12/19 | \$32.09 | \$30.26 | -2% | 1,826 |
| 000 | 0 | 9/6/19 | OSI Sys | OSIS | OS | \$1,575,744 | 15,000 | 1 | GC | 9/11/19 | \$105.05 | \$101.83 | -10% | 1,844 |
| 000 | 0 | 7/26/19 | LeMaitre Vascular | LMAT | AS | \$1,348,866 | 38,695 | 1 | BO,CB,CEO,DIR | 9/13/19 | \$34.86 | \$31.45 | -11% | 624 |
| 000 | 0 | 9/13/19 | Monarch Casino | MCRI | S | \$1,097,247 | 24,340 | 1 | DIR,PR | 9/11/19 | \$45.08 | \$45.21 | -8% | 816 |
| 000 | 0 | 9/12/19 | Old Republic Intl | ORI | S | \$1,067,850 | 47,250 | 1 | DIR | 9/11/19 | \$22.60 | \$22.80 | -3% | 6,913 |
| 000 | 0 | 9/11/19 | Guidewire Software | GWRE | S,OS | \$1,053,741 | 9,947 | 3 | DIR,GC | 9/10/19 | \$105.94 | \$94.88 | -3% | 7,763 |
| 000 | 0 | 8/16/19 | Stock Yards Banc | SYBT | OS | \$995,853 | 26,280 | 2 | CB,DIR,VP | 9/12/19 | \$37.89 | \$36.21 | -2% | 823 |
| 000 | 0 | 6/28/19 | Acceleron Pharma | XLRN | AS | \$969,475 | 21,422 | 5 | CEO,CFO,DIR,GC,PR | 9/10/19 | \$45.26 | \$46.21 | -24% | 2,441 |
| 000 | 0 | 9/6/19 | Yext | YEXT | AS,OS | \$870,156 | 50,000 | 4 | CEO,CFO,CTO,DIR,PR | 9/12/19 | \$17.40 | \$19.04 | -35% | 2,116 |
| 000 | 0 | 7/10/19 | Mellanox Tech | MLNX | S | \$819,345 | 7,500 | 1 | SO,VP | 9/5/19 | \$109.25 | \$108.46 | -10% | 5,944 |
| 000 | 0 | 7/29/19 | Nike | NKE | AS | \$788,814 | 9,071 | 2 | CFO,O | 9/11/19 | \$86.96 | \$83.31 | -3% | 130,538 |
| 000 | 0 | 9/3/19 | QAD | QADA | os | \$788,356 | 18,778 | 1 | BO,DIR,PR | 9/13/19 | \$41.98 | \$38.20 | -32% | 718 |
| 000 | 0 | | AeroVironment | AVAV | AS | \$771,662 | 13,792 | 1 | CB,DIR | 9/6/19 | \$55.95 | \$52.78 | -54% | 1,266 |
| 000 | 0 | | Opiant Pharm | OPNT | S | \$751,200 | 60,000 | 1 | BO,DIR | 9/12/19 | \$12.52 | \$14.53 | -58% | 59 |
| 000 | 0 | | South State | SSB | os | \$737,925 | 9,839 | 1 | DIR | 9/10/19 | \$75.00 | \$75.78 | -12% | 2,588 |
| 000 | 0 | 9/12/19 | | BRKR | S | \$674,558 | 15,702 | 1 | CEO,PR | 9/5/19 | \$42.96 | \$42.26 | -16% | 6,536 |
| 000 | 0 | | BioSpecifics Tech | BSTC | s | \$551,677 | 10,000 | 1 | BO,DIR | 9/10/19 | \$55.17 | \$57.61 | -25% | 422 |
| 000 | 0 | | Trecora Res | TREC | s | \$514,391 | 57,001 | 1 | BO | 9/11/19 | \$9.02 | \$8.91 | -37% | 220 |
| 000 | 0 | | McGrath RentCorp | MGRC | os | \$505,309 | 7,720 | 1 | VP | | | \$65.30 | -8% | 1,584 |
| 000 | | | | | | | | | | 9/11/19 | \$65.45 | | | |
| 000 | 0 | | Diamondback Energy | FANG | S | \$501,264 | 5,000 | 1 | VP | 9/10/19 | \$100.25 | \$99.23 | -29% | 16,179 |
| 000 | 0 | | Biohaven Pharm Co | BHVN | OS | \$450,000 | 10,000 | 1 | DIR | 9/11/19 | \$45.00 | \$38.65 | -34% | 2,016 |
| | 0 | 9/11/19 | Cincinnati Bell | CBB | AS | \$390,902 | 55,000 | 1 | DIR | 9/10/19 | \$7.11 | \$4.90 | -56% | 247 |

See last page for the Key to Ratings, Titles & Transaction Type codes.



Page 15 Sep 16, 2019



COMPANIES WITH LARGEST AGGREGATE INSIDER PURCHASES

Includes Transaction Types B, AB, & JB*,. Filed at the SEC in the past week. Top 50 only.

Generated with Special Screens tool at InsiderInsights.com using Pre-Programmed Screen: "Largest Company Buys (Week) + All Ratings"

| | | | | | Total | | | | Latest | Ave. | | Mkt | 10-Day |
|----------------|-----------|--------------------------|--------|----------|---------------|------------|-------|--------------------|---------|----------|----------|--------|---------|
| Insider | Rating | | | Trans | Purch | Shares | | | Trans | Purch | Recent | Cap | Ave Vol |
| Rating* | Date | Company | Ticker | Type(s)* | Value | Bought i | # Ins | siders - Title(s)* | Date | Price | Price | (mm) | (m) |
| 90 0 +2 | 9/12/19 | Advanced Drainage Sy | «WMS | JB* | \$120,993,249 | 4,067,000 | 3 | BO,DIR,VP | 9/10/19 | \$29.75 | \$32.20 | 1,863 | 240 |
| ●00 ±1 | 9/11/19 | Turning Point Therap | TPTX | JB* | \$16,549,920 | 367,776 | 4 | CEO,CFO,DIR,PR,VP | 9/10/19 | \$45.00 | \$51.80 | 1,623 | 140 |
| 0 00 +1 | 8/21/19 | Sunrun | RUN | В | \$12,687,959 | 840,888 | 1 | ВО | 9/11/19 | \$15.09 | \$15.47 | 1,819 | 2,280 |
| 0 00 +1 | 9/10/19 | Organogenesis | ORGO | B,JB* | \$8,107,867 | 1,430,910 | 4 | BO,DIR | 9/12/19 | \$5.67 | \$4.66 | 426 | 60 |
| 0 00 +1 | 9/12/19 | Celsius | CELH | В | \$7,599,996 | 2,111,110 | 2 | BO,DIR | 9/12/19 | \$3.60 | \$3.86 | 223 | 100 |
| 000 +0.5 | 9/9/19 | GlycoMimetics | GLYC | В | \$5,309,950 | 1,668,746 | 1 | ВО | 9/5/19 | \$3.18 | \$3.37 | 146 | 610 |
| 000 +0 | 9/9/19 | Cigna | CI | В | \$5,044,422 | 32,509 | 1 | CEO,DIR,PR | 9/9/19 | \$155.17 | \$155.78 | 58,824 | 1,620 |
| OOO +0 | 9/4/19 | Intra-Cellular Therapies | s ITCI | В | \$4,974,678 | 485,000 | 1 | BO,DIR | 9/10/19 | \$10.26 | \$8.67 | 478 | 560 |
| 0 00 +1 | 8/19/19 | PBF Energy | PBF | В | \$4,850,624 | 190,000 | 1 | ВО | 9/11/19 | \$25.53 | \$22.38 | 2,683 | 1,720 |
| ●00 +1 | 9/11/19 | Capstar Finl | CSTR | В | \$3,399,985 | 220,635 | 9 | DIR | 9/9/19 | \$15.41 | \$15.49 | 270 | 30 |
| 000 0 | 9/13/19 | OncoCyte | OCX | B,JB* | \$3,340,060 | 2,010,000 | 2 | BO,CFO | 9/12/19 | \$1.66 | \$1.91 | 99 | 200 |
| 0000 | 9/3/19 | Anterix | ATEX | В | \$3,017,435 | 76,883 | 1 | ВО | 9/12/19 | \$39.25 | \$42.41 | 724 | 140 |
| 000 +0.5 | 9/12/19 | Digirad | DRAD | JB* | \$3,000,000 | 300,000 | 1 | DIR | 9/10/19 | \$10.00 | \$4.45 | 9 | 10 |
| ●00 ±1 | 9/13/19 | Safehold | SAFE | В | \$2,619,094 | 91,790 | 2 | BO,CIO,PR | 9/12/19 | \$28.53 | \$28.70 | 1,148 | 160 |
| 000 +0.5 | 9/11/19 | Gladstone Land | LAND | В | \$2,493,571 | 210,000 | 1 | BO,CEO,DIR | 9/10/19 | \$11.87 | \$11.55 | 240 | 100 |
| 0000 | 9/11/19 | RBB Banc | RBB | В | \$2,300,000 | 115,000 | 1 | DIR | 9/11/19 | \$20.00 | \$18.39 | 370 | 20 |
| +3 | 9/9/19 | At Home | HOME | B,JB* | \$2,286,760 | 345,801 | 6 | BO,CB,CEO,CFO,COO, | 9/10/19 | \$6.61 | \$6.57 | 421 | 3,170 |
| 000 +0.5 | 9/9/19 | Cloudera | CLDR | JB* | \$2,199,570 | 439,914 | 1 | ВО | 9/9/19 | \$5.00 | \$6.86 | 1,881 | 7,260 |
| ••• +2 | 9/4/19 | Coty | COTY | В | \$2,059,260 | 210,000 | 1 | SO | 9/5/19 | \$9.81 | \$8.92 | 6,703 | 5,220 |
| ●00 +1 | 9/10/19 | Domo | DOMO | В | \$2,040,000 | 120,000 | 1 | BO,CB,CEO,DIR,F | 9/10/19 | \$17.00 | \$23.80 | 652 | 380 |
| 000 +0.5 | 9/10/19 | Fortress Tran & Infr Inv | / FTAI | JB* | \$1,925,339 | 75,000 | 1 | DIR | 9/11/19 | \$25.67 | \$15.25 | 1,295 | 100 |
| ●00 ±1 | 9/10/19 | Prudential Finl | PRU | В | \$1,137,848 | 13,580 | 3 | CB,CEO,CFO,DIR,VCB | 9/9/19 | \$83.79 | \$82.08 | 32,996 | 2,380 |
| OOO +0 | 8/6/19 | vTv Therap | VTVT | JB* | \$1,000,001 | 606,061 | 1 | ВО | 9/11/19 | \$1.65 | \$1.37 | 74 | 270 |
| ●00 +1 | 8/13/19 | Unifi | UFI | В | \$849,012 | 41,700 | 1 | DIR | 9/6/19 | \$20.36 | \$19.85 | 366 | 110 |
| 000 +0.5 | 9/11/19 | Neoleukin Therap | NLTX | JB*,B | \$781,747 | 250,000 | 1 | DIR | 9/11/19 | \$3.13 | \$3.61 | 85 | 240 |
| 0000 | 8/20/19 | Bausch Health | BHC | В | \$699,300 | 30,000 | 1 | CB,CEO,DIR | 9/13/19 | \$23.31 | \$22.10 | 7,786 | 2,670 |
| ●00 +1 | 9/11/19 | Progenics Pharm | PGNX | В | \$666,927 | 137,023 | 2 | ВО | 9/9/19 | \$4.87 | \$4.50 | 389 | 1,180 |
| 000 0 | 9/12/19 | Flotek Ind | FTK | В | \$642,330 | 268,200 | 1 | DIR | 9/12/19 | \$2.39 | \$2.03 | 117 | 460 |
| 000 +0.5 | 9/11/19 | ValueSetters | VSTR | JB* | \$600,000 | 50,000,000 | 2 | CB,CEO,CFO,DIR | 9/9/19 | \$0.01 | \$0.01 | 11 | 3,500 |
| ●00 +1 | 9/9/19 | Aerie Pharm | AERI | В | \$599,400 | 31,290 | 2 | CEO,CFO,DIR | 9/9/19 | \$19.16 | \$23.97 | 1,101 | 920 |
| OOO +0 | 9/9/19 | Acadia Healthcare | ACHC | В | \$530,660 | 20,000 | 1 | CEO,DIR | 9/5/19 | \$26.53 | \$27.33 | 2,419 | 520 |
| OOO +0 | 9/11/19 | Rev | REVG | В | \$478,890 | 50,000 | 1 | CEO,DIR | 9/10/19 | \$9.58 | \$11.85 | 739 | 140 |
| OOO +0 | 9/10/19 | Meredith | MDP | В | \$420,240 | 12,000 | 1 | CEO,DIR,PR | 9/9/19 | \$35.02 | \$43.47 | 2,050 | 470 |
| 00 0 +2 | 9/11/19 | Aldeyra Therap | ALDX | В | \$381,235 | 72,529 | 5 | CEO,CFO,DIR,O,PR | 9/12/19 | \$5.26 | \$4.98 | 137 | 110 |
| 0000 | 8/21/19 | L3Harris Tech | LHX | В | \$340,800 | 1,700 | 2 | DIR | 9/10/19 | \$200.47 | \$213.31 | 47,229 | 1,190 |
| ● ○○ +1 | 8/6/19 | Chemours Co | СС | В | \$328,340 | 20,000 | 1 | COO,VP | 9/11/19 | \$16.42 | \$13.25 | 2,166 | 4,270 |
| 0 00 +1 | 8/28/19 | WideOpenWest | WOW | В | \$292,990 | 51,481 | 1 | BO,DIR | 9/12/19 | \$5.69 | \$5.20 | 439 | 410 |
| ● ○○ +1 | 8/6/19 | Vapotherm | VAPO | В | \$268,951 | 28,382 | 2 | DIR | 9/11/19 | \$9.48 | \$12.85 | 264 | 240 |
| 0 00 +1 | 9/9/19 | Nektar Therap | NKTR | В | \$259,200 | 15,000 | 1 | VP | 9/5/19 | \$17.28 | \$16.98 | 2,976 | 6,150 |
| 000 +0.5 | 9/10/19 | Commscope | COMM | В | \$252,248 | 21,250 | 1 | DIR | 9/9/19 | \$11.87 | \$10.68 | 2,073 | 5,060 |
| 000 +0.5 | 9/9/19 | FS KKR Cap | FSK | В | \$250,491 | 42,100 | 1 | DIR | 9/9/19 | \$5.95 | \$5.78 | 2,997 | 1,740 |
| 000 0 | 9/9/19 | MaxLinear | MXL | AB | \$249,864 | 11,953 | 1 | 0 | 9/9/19 | \$20.90 | \$20.62 | 1,469 | 310 |
| OOO +0 | 9/9/19 | Steel Dynamics | STLD | В | \$247,238 | 8,920 | 1 | VP | 9/6/19 | \$27.72 | \$27.46 | 6,031 | 1,910 |
| OOO +0 | 9/11/19 | Gladstone Inv | GAIN | В | \$246,766 | 20,581 | 1 | CEO,DIR | 9/9/19 | \$11.99 | \$11.57 | 380 | 120 |
| 000 +0.5 | 8/30/19 | Purple Innovation | PRPL | В | \$246,306 | 29,979 | 1 | BO,DIR | 9/6/19 | \$8.22 | \$7.99 | 431 | 110 |
| ● 00 +1 | 8/1/19 | Comfort Sys USA | FIX | В | \$230,593 | 6,000 | 2 | CB,CFO,DIR | 9/12/19 | \$38.43 | \$38.39 | 1,415 | 370 |
| 000 +0.5 | 9/11/19 | Ultragenyx Pharm | RARE | В | \$218,150 | 5,000 | 1 | CEO,DIR,PR | 9/11/19 | \$43.63 | \$57.02 | 3,290 | 360 |
| | 0/12/10 | Roadrunner Trans | RRTS | В | \$208,059 | 19,397 | 1 | ВО | 9/12/19 | \$10.73 | \$8.76 | 330 | 20 |
| 000 +0.5 | 3/ 12/ 13 | | | | | | | | | | - | | |
| +0.5 | | Merchants Banc | MBIN | В | \$200,557 | 12,000 | 1 | PR | 9/12/19 | \$16.71 | \$15.64 | 449 | 40 |

^{*} See last page for the Key to Ratings, Titles & Transaction Type codes.





COMPANIES WITH LARGEST AGGREGATE FORM 4 SALES

Includes Transaction Types S, AS, JS*, Filed at the SEC in the past week. Top 50 only.

Generated with Special Screens tool at InsiderInsights.com using Per-Programmed Screen: "Largest Company Sales (Week) + All Ratings"

| | • | | | | <u> </u> | | | <u> </u> | | <u>, </u> | | | |
|---------------------|---------|-----------------------------|-------------|----------|----------------------------|------------------|---------------|---------------------------------|-------------------|--|----------------------|-------------------|----------------|
| | | | | | Total | | | | Latest | Ave. | | Mkt | 10-Day |
| Insider | Rating | | | Trans | Sale | Shares | | | Trans | Sale | Recent | Cap | Ave Vol |
| Rating* | Date | Company | Ticker | Type(s)* | Value | Sold | # Ins | siders - Title(s)* | Date | Price | Price | (mm) | (m) |
| 000 -0 | 9/10/19 | PRA Health Sciences | PRAH | JS* | \$1.3bn | 13,333,368 | 2 | ВО | 9/6/19 | \$97.41 | \$97.72 | 6,436 | 510 |
| -0 00 -0 | 8/1/19 | Ceridian HCM | CDAY | JS* | \$840,000,000 | 15,000,000 | 2 | BO,DIR | 9/6/19 | \$56.00 | \$58.06 | 8,255 | 1,010 |
| 000 0 | 9/10/19 | Guardant Health | GH | JS* | \$377,300,000 | 4,900,000 | 1 | ВО | 9/11/19 | \$77.00 | \$98.62 | 9,168 | 1,140 |
| 000 -0 | 7/8/19 | GMS | GMS | JS* | \$367,597,632 | 13,650,116 | 2 | ВО | 9/9/19 | \$26.93 | \$23.84 | 963 | 390 |
| 000 -0 | 7/29/19 | Facebook | FB | AS | \$130,517,046 | 694,608 | 3 | BO,CB,CEO,COO,DIR | 9/11/19 | \$187.90 | \$182.04 | 519,351 | 11,950 |
| 000 -0 | 9/6/19 | Zayo | ZAYO | S | \$50,655,000 | 1,500,000 | 1 | CEO,DIR | 9/11/19 | \$33.77 | \$33.90 | 7,986 | 1,590 |
| 000 -0 | 9/12/19 | Regeneron Pharm | REGN | S | \$48,611,804 | 172,904 | 1 | ВО | 9/10/19 | \$281.15 | \$295.02 | 31,857 | 590 |
| 000 -0 | 8/28/19 | Intuit | INTU | AS | \$37,136,892 | 133,333 | 1 | CB,DIR | 9/9/19 | \$278.53 | \$275.71 | 71,476 | 1,180 |
| -000 -0 | 9/5/19 | Workday | WDAY | AS | \$30,048,720 | 175,000 | 1 | BO,DIR | 9/12/19 | \$171.71 | \$193.37 | 43,702 | 1,290 |
| 000 -0 | 8/23/19 | Lululemon Athletica | LULU | S | \$29,159,464 | 145,858 | 1 | 0 | 9/9/19 | \$199.92 | \$183.97 | 23,967 | 1,180 |
| 000 -0 | 8/9/19 | Appian | APPN | S,AS | \$28,282,056 | 514,363 | 3 | BO,CEO,DIR,PR | 9/10/19 | \$54.98 | \$60.24 | 3,909 | 1,280 |
| -0 00 -0 | 8/22/19 | Cardlytics | CDLX | JS* | \$17,765,000 | 550,000 | 3 | CEO,COO,DIR | 9/13/19 | \$32.30 | \$32.41 | 740 | 530 |
| 000 -0 | 8/7/19 | Boston Beer | SAM | AS | \$13,679,739 | 35,000 | 1 | BO,CB,DIR | 9/12/19 | \$390.85 | \$437.44 | 5,294 | 180 |
| 0-0 | 8/19/19 | DexCom | DXCM | AS,S | \$12,101,800 | 81,187 | 10 | CB,CEO,CFO,CTO,DIR | 9/10/19 | \$149.06 | \$174.37 | 15,900 | 870 |
| 000 -0 | 9/10/19 | Zumiez | ZUMZ | AS | \$10,703,441 | 340,000 | 1 | BO,CEO,DIR | 9/10/19 | \$31.48 | \$24.88 | 640 | 300 |
| 000 -0 | 9/13/19 | Ralph Lauren | RL | AS | \$10,686,195 | 107,142 | 1 | ВО | 9/12/19 | \$99.74 | \$87.90 | 6,788 | 1,340 |
| 000 -0 | 8/14/19 | CarGurus | CARG | AS | \$10,246,721 | 303,068 | 2 | BO,CB,CEO,DIR | 9/12/19 | \$33.81 | \$32.15 | 3,587 | 930 |
| 000 0 | 9/13/19 | First Citizens Banc | FCNCA | S | \$9,440,046 | 20,000 | 2 | BO,DIR,PR | 9/12/19 | \$472.00 | \$449.04 | 4,929 | 40 |
| 000 -0 | | Elastic NV | ESTC | S | \$8,875,394 | 100,314 | 1 | DIR | 9/11/19 | \$88.48 | \$83.25 | 6,273 | 680 |
| 000 -0 | | RingCentral | RNG | AS | \$8,216,347 | 62,500 | 1 | BO,CB,CEO,DIR | 9/10/19 | \$131.46 | \$142.31 | 11,807 | 620 |
| 000 -0 | | Morningstar | MORN | AS | \$7,970,896 | 50,052 | 1 | BO,CB,DIR | 9/12/19 | \$159.25 | \$155.56 | 6,652 | 80 |
| 000 -0 | | Primoris Svs | PRIM | S | \$7,639,492 | 372,347 | 1 | BO,DIR | 9/13/19 | \$20.52 | \$19.55 | 997 | 160 |
| 0000 0 | | Parker-Hannifin | PH | S | \$7,249,049 | 40,018 | 5 | CB,CEO,DIR,HR,PR,VP | | \$181.14 | \$164.45 | 21,097 | 610 |
| 000 -0 | | Anaplan | PLAN | AS,S | \$7,235,202 | 149,938 | 3 | CB,CEO,CFO,DIR,O | 9/12/19 | \$48.25 | \$58.38 | 7,541 | 1,270 |
| 000 -0 | | Universal Display | OLED | AS | \$6,922,884 | 31,182 | 1 | CEO,DIR,PR | 9/5/19 | \$222.02 | \$211.63 | 9,969 | 440 |
| 000 -0 | | Smartsheet | SMAR | AS | \$6,787,421 | 175,000 | 2 | CEO,CFO,DIR,PR,TR | 9/11/19 | \$38.79 | \$51.76 | 5,973 | 1,210 |
| 000 -0 | | Meritage Homes | MTH | S | \$6,767,813 | 100,000 | 1 | CEO,DIR | 9/12/19 | \$67.68 | \$65.13 | 2,493 | 510 |
| 0000 0 | | OncoCyte | OCX | JS* | \$6,640,000 | 4,000,000 | 1 | BO | 9/11/19 | \$1.66 | \$1.91 | 99 | 200 |
| 000 -0 | | Microsoft | MSFT | S | \$6,630,189 | 49,000 | 2 | | 9/10/19 | \$135.31 | \$137.78 | \$1.05bn | 23,440 |
| 000 -0 | | Hess | HES | AS | \$6,487,528 | 99,795 | 1 | BO,CEO,DIR | 9/11/19 | \$65.01 | \$63.95 | 19,472 | 2,620 |
| 000 -0 | | Amphastar Pharm | AMPH | S,JS* | \$6,330,638 | 303,910 | 2 | | 9/11/19 | \$20.83 | \$22.56 | 1,065 | 240 |
| 000 -0 | 6/21/19 | | K | AS | \$6,308,790 | 100,000 | 1 | BO DID DD | 9/10/19 | \$63.09 | \$63.87 | 21,756 | 2,080 |
| 000 -0 | | Estee Lauder | EL | AS | \$5,951,351 | 28,819 | 1 | CEO,DIR,PR | 9/6/19 | \$206.51 | \$202.56 | 73,301 | 2,400 |
| 000 -0 | | ServiceNow | NOW | AS | \$5,605,544 | 22,000 | 1 | DIR | 9/9/19 | \$254.80 | \$264.64 | 49,620 | 1,470 |
| 000 | | JB Hunt Transport | JBHT | S | \$5,564,622 | 50,000 | 1 | DIR | 9/6/19 | \$111.29 | \$101.79 | 10,868 | 800 |
| 000 -0 | | Arrowhead Pharm | ARWR | S | \$5,440,000 | 185,000 | 1 | DIR | 9/11/19 | \$29.41 | \$32.12 | 3,061 | 1,220 |
| 000 -0 | | AutoNation | AN | S | \$5,374,489 \$5,366,054 | 103,310 | 1 | ВО | 9/12/19 | \$52.02 | \$47.54 | 4,235 | 650 |
| 000 | 8/19/19 | | OKTA | AS | \$5,366,951 \$5,010,933 | 50,000 | 1 | 0 | | \$107.34 | \$133.87 | 15,280 | 1,460 |
| 000 -0 | 8/28/19 | | VG MMSI | AS S | \$5,019,833 \$4,967,090 | 400,000 | 1 | DIR CEO DIR BR | 9/11/19 | \$12.55 | \$13.37 | 3,237 | 1,760 660 |
| 000 -0 | | Merit Medical Sys | | | | 161,817 | 1 | CEO,DIR,PR CEO,DIR,PR | | \$30.70 | \$34.64 | 1,911 | |
| 000 -0 | | Inspire Medical Sys | INSP | AS | \$4,702,580 | 70,000 | 2 | · · | 9/9/19 | \$67.18 | \$65.51 | 1,566 | 240 |
| 000 -0 | | Monolithic Power | MPWR | AS | \$4,695,556 | 30,127 | 2 | | 9/9/19 9/12/19 | \$155.86 | \$155.37 | 6,719 | 240 |
| 000 0 | | PAR Tech Pinnacle Finl Part | PAR PNFP | AS S | \$3,941,508 \$3,441,627 | 165,242 | 1 | • | | \$23.85 | \$21.95 \$53.31 | 359 | 210 300 |
| 000 -0 | | Maxim Integrated Prod | | S,AS | \$3,441,627 \$3,290,316 | 60,469 56,252 | <u>3</u> 5 | CAO,CEO,DIR CEO,DIR,PR,SO,VP | 9/12/19 | \$56.92 \$58.49 | \$53.31 \$54.61 | 4,102 14,814 | 1,640 |
| 000 -0 | | Eli Lilly & Co | | | | | | | | | | | |
| 000 -0 | | Skechers USA | SKX | AS AS | \$3,289,695 \$3,210,000 | 28,952 90,000 | 2 1 | HR,PR,VP DIR | 9/5/19 | \$113.63 \$35.67 | \$111.61 \$31.09 | 107,752 4,874 | 3,180 1,970 |
| 000 -0 | | GCI Liberty | GLIBA | S | | 50,000 | 1 | DIR | 9/13/19 | \$63.76 | \$60.38 | | 340 |
| 000 -0 | | salesforcecom | CRM | AS | \$3,188,190 \$3,131,007 | 20,620 | | | | | | 6,376 | |
| 000 -0 | | Wynn Resorts | WYNN | AS | \$3,131,007 | 25,000 | 1 | CB,CEO,CTO,DIR,F CEO,DIR | 9/12/19 | \$151.84 \$117.30 | \$148.24 \$110.13 | 129,747 11,852 | 6,450 2 150 |
| -0 | 0/29/19 | vvyiiii riesoris | VIVITVV | AS | \$2,932,383 | ∠5,000 | 1 | CEU,DIK | 9/12/19 | \$117.30 | φ11U.13 | 11,852 | 2,150 |

^{*} See last page for the Key to Ratings, Titles & Transaction Type codes.



Page 17 Sep 16, 2019



LARGEST INDIVIDUAL PURCHASES (1-50)

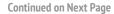
Includes Transaction Types B, AB, JB*, & selected OB.. Top 100 by dollar value, filed at the SEC in the past week.

Note: If Insider Rating Date > 3 Months Old or Insider Rating is Bearish, Recent Buying Activity is Considered Insignificant.

Generated with Special Screens tool at InsiderInsights.com using Pre-Programmed Screen: "Large Individual Buys (Week) + All Ratings".

| Inspect Patrice Pat | | | | | <u> </u> | | | | | | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | , | | | |
|---|------------------|---------|-----------------------|----------|--------------------------|--------|----------|--------------|---------|----|---|----------|------------|-------|--------|
| Part Process Proces | | | | | | | | Total | Latest | | Ave. | | | Delta | Mkt |
| ●●●●●●●●●●●●●●●●●●●●●●●●●●●●●●●●●●●●● | | | | | | | | | | | | | | | |
| 2 2 01/27/10 Berchster- Part B D Acknowned Family B S B S B S B S B S B S B S B S B S B | Rating* | Date | Insider Name | Title(s) | Company | Ticker | Type(s)* | Value | Date | | Price | Price | Holdings | Own | (mm) |
| 1 122/10 Toger Global Mgl 80 | +2 | 9/12/19 | Jones Ross M | DIR | Advanced Drainage Sy | WMS | JB* | \$59,500,000 | 9/10/19 | \$ | 29.75 | \$32.20 | 12,235,578 | 20% | 1,863 |
| 1 91/2710 Dissontini Carl BO Celsius CELH B.OB \$8,899,183 91/2719 \$ 3.48 \$3.38 66,571,267 475 223 | +2 | 9/12/19 | Berkshire Part | ВО | Advanced Drainage Sy | WMS | JB* | \$59,499,999 | 9/10/19 | \$ | 29.75 | \$32.20 | 12,378,934 | 19% | 1,863 |
| 1 912/19 Minton Williamh BO DR Celesis CELH B.OB \$83,891.85 912/19 \$ 4,80 \$33,86 67,475,858 4% 22.0 | ●○○ +1 | 8/21/19 | Tiger Global Mgt | ВО | Sunrun | RUN | В | \$12,687,959 | 9/11/19 | \$ | 15.09 | \$15.47 | 16,980,416 | 5% | 1,819 |
| 1 911119 George Simon | ●○○ ±1 | 9/12/19 | Desantis Carl | ВО | Celsius | CELH | B,OB | \$8,859,183 | 9/12/19 | \$ | 3.48 | \$3.86 | 66,571,826 | 4% | 223 |
| 1 911119 George Sireson | ●○○ ±1 | 9/12/19 | Milmoe William H | BO,DIR | Celsius | CELH | B,OB | \$8,859,183 | 9/12/19 | \$ | 3.48 | \$3.86 | 67,475,658 | 4% | 223 |
| 1 910/19 Autos Cap Member D.JRF Organogenesis ORGO B.JRF 37.583.020 911/215 \$ 5.68 \$4.66 \$3.708.024 4/4 426 | ● ○○ +1 | 9/11/19 | Glaxosmithkline Plc | DIR | Turning Point Therap | TPTX | JB* | \$7,999,965 | 9/10/19 | \$ | 45.00 | \$51.80 | 2,170,327 | 9% | 1,623 |
| 1-0.5 99/19 Branch Part LP BO | ●00 ±1 | 9/11/19 | George Simeon | DIR | Turning Point Therap | TPTX | JB* | \$7,999,965 | 9/10/19 | \$ | 45.00 | \$51.80 | 2,170,327 | 9% | 1,623 |
| 10 99/19 Cordari David CEO.DR Cigna Cigna Science Cigna | ●○○ +1 | 9/10/19 | Avista Cap Member | BO,DIR | Organogenesis | ORGO | B,JB* | \$7,938,302 | 9/12/19 | \$ | 5.68 | \$4.66 | 37,089,428 | 4% | 426 |
| 1-0 94/19 Alafi Christopher D BO,DIR Intra-Callular Therapier ITC B \$4,974,678 9/10/19 \$10.26 \$8.67 4,673,270 12½ 478 | 000 +0.5 | 9/9/19 | Bvf Part LP II | ВО | GlycoMimetics | GLYC | В | \$5,309,950 | 9/5/19 | \$ | 3.18 | \$3.37 | 3,639,935 | 85% | 146 |
| 11 81919 Inversora Carsio BO PBF Energy PBF B \$4,856,824 911119 \$2,553 \$22,28 16,898,920 15% 2,683 2,000 2,973 | 000 +0 | 9/9/19 | Cordani David | CEO,DIR | Cigna | CI | В | \$5,044,422 | 9/9/19 | \$ | 155.17 | \$155.78 | 355,914 | 10% | 58,824 |
| 0 9/13/19 Broadwood Part LP BO OncoCyte OCX J8* \$3,320,000 9/11/19 \$ 1.66 \$1.91 11,098,267 22% 99 0 9/3/19 OM Creek Assat Mgt BO Anterix ATEX B \$3,000,000 Pin/19 \$ 30,25 \$42.41 4.488,195 2% 724 0 9/3/19 OM Creek Assat Mgt BO Anterix ATEX B \$3,000,000 Pin/19 \$ 30,25 \$42.41 4.488,195 2% 724 0 9/11/19 Gladstone David BOCEO Gladstone Land LAND B \$3,000,000 Pin/19 \$ 11.67 \$11.57 \$11.55 \$2,295,855 10% 240 0 9/11/19 Chang Peter M DR RBB Banc RBB B \$2,300,000 9/11/19 \$ 11.67 \$11.57 \$11.55 \$2,295,855 10% 240 0 9/11/19 Chang Peter M DR RBB Banc RBB B \$2,300,000 9/11/19 \$ 20.00 \$183.39 \$252,717 28% 370 0 9/11/19 Chang Peter M DR RBB Banc RBB B \$2,300,000 9/11/19 \$ 20.00 \$183.39 \$252,717 28% 370 0 9/11/19 Chang Peter M DR RBB Banc RBB B \$2,300,000 9/11/19 \$ 20.00 \$183.39 \$252,717 28% 370 0 9/11/19 Chang Peter M DR RBB Banc RBB B \$2,300,000 9/11/19 \$ 20.00 \$183.39 \$252,717 28% 370 0 9/11/19 Chang Peter M DR RBB Banc RBB B \$2,300,000 9/11/19 \$ 20.00 \$183.39 \$252,717 28% 370 0 9/11/19 Chang Peter M DR RBB Banc RBB B \$2,300,000 9/11/19 \$ 20.00 \$183.39 \$252,717 28% 370 0 9/11/19 Chang Peter M DR RBB Banc RBB B \$2,300,000 9/11/19 \$ 20.00 \$183.39 \$252,717 28% 370 0 9/11/19 Chang Peter M DR RBB Banc RBB B \$2,300,000 9/11/19 \$ 20.00 \$183.39 \$252,717 28% 370 0 9/11/19 Chang Peter M DR RBB Banc RBB B \$2,300,000 9/11/19 \$ 20.00 \$183.39 \$252,717 28% 370 0 9/11/19 Chang Peter M DR RBB Banc RBB B \$2,300,000 9/11/19 \$ 20.00 \$183.39 \$20.00 60% 60% 602 0 9/11/19 Tuchman Martin DR R Fortress Tran & Int Im FTA1 JB* \$1,993,200 9/11/19 \$ 17.00 \$23.30 \$20.00 60% 602 0 9/11/19 Tuchman Martin DR Fortress Tran & Int Im FTA1 JB* \$1,993,200 9/11/19 \$ 20.75 \$32.20 78,288 \$94/14 1.883 0 9/11/19 Tuchman Martin DR Fortress Tran & Int Im FTA1 JB* \$1,993,200 9/11/19 \$ 17.00 \$23.30 \$20.00 60% 602 0 9/11/19 Tuchman Martin DR Fortress Tran & Int Im FTA1 JB* \$1,993,200 9/11/19 \$ 1.00 \$1.30 \$11,780,442 \$40 \$40 \$40 \$40 \$40 \$40 \$40 \$40 \$40 \$40 | OOO +0 | 9/4/19 | Alafi Christopher D | BO,DIR | Intra-Cellular Therapies | ITCI | В | \$4,974,678 | 9/10/19 | \$ | 10.26 | \$8.67 | 4,673,270 | 12% | 478 |
| 0 0 0 0 0 0 0 0 0 0 | ●00 +1 | 8/19/19 | Inversora Carso | ВО | PBF Energy | PBF | В | \$4,850,624 | 9/11/19 | \$ | 25.53 | \$22.38 | 16,898,920 | 1% | 2,683 |
| 0 0 0 0 0 0 0 0 0 0 | 000 0 | 9/13/19 | Broadwood Part LP | ВО | OncoCyte | ocx | JB* | \$3,320,000 | 9/11/19 | \$ | 1.66 | \$1.91 | 11,098,267 | 22% | 99 |
| 10 10.5 9/12/19 Eberwein Jeffrey E DIR Digitad DRAD JB* \$3,000,000 9/10/19 \$1,000 \$4.45 \$300,000 New 9 | 000 0 | | | | • | | | | | | | | | | |
| 1-0.5 9/11/19 Gladstone David | • • • | | | | | | | | | _ | | | | | |
| No. | 400 | | • | | - | | | | | | | | | | |
| 0 9/11/19 Chang Peter M DIR RBB Banc RBB B \$2,300,000 9/11/19 \$ 20.00 \$18.39 \$52,717 28% 370 € 1.05 \$9/919 \$1.05 \$9/919 \$1.00 \$18.39 \$1.00 \$18.39 \$1.00 \$18.39 \$1.00 \$18.39 \$1.00 \$18.39 \$1.00 | • • • | | | | | | | | | | | | | | |
| 0.5 9/9/19 Lahn Carl C BO Cloudera CLDR JB* \$2,199,570 9/9/19 \$ 5.00 \$6.86 18,598,388 2% 1.881 | 000 | | | | | | | | | | | | | | |
| 1 | • | | · · | | | | | . , . , | | | | | | | |
| +1 9/10/19 James Joshua G | | | | | | | | | | | | | | | |
| 1.0 | •00 | | • | | | | | | | | | | | | |
| 1.0 | | | | | | | | | | | | | | | |
| 1 9/11/19 Flynn Thomas R DIR Capstar Finl CSTR B \$1,500,009 9/9/19 \$ 15.41 \$15.49 485,438 25% 270 | +2 | 9/12/19 | Moore Roy E Jr | VP | Advanced Drainage Sy | WMS | JB* | \$1,993,250 | 9/10/19 | \$ | 29.75 | \$32.20 | 78,288 | 594% | 1,863 |
| +3 9/9/19 Sosin Clifford BO At Home HOME B,JB* \$1,459,890 9/5/19 \$ 6.08 \$6.57 16,515,150 1% 421 +0.5 9/9/19 Ardsley Advisory Part BO Marrone Bio Innovation MBII OB \$1,457,195 9/5/19 \$ 1.00 \$1.30 11,780,442 14% 144 +0.0 9/9/19 Poladian Avedick B DIR Public Storage PSA OB \$1,232,850 9/5/19 \$ 82.19 \$261.89 15,000 New 457.25 +0.0 8/6/19 Perelman Ronald O BO YTV Therap YTVT JB* \$1,000,001 9/11/19 \$ 1.65 \$1.37 22,900,836 3% 74 +1 8/13/19 Bishop Robert J DIR Unifi UFI B \$849,012 9/6/19 \$ 20.36 \$19.85 1,621,740 3% 366 +0.5 9/11/19 Drachman Jonathan G DIR Neoleukin Therap NLTX B,JB* \$781,747 9/11/19 \$ 3.13 \$3.61 1,032,420 32% 85 -0 9/12/19 Laukien Frank H BO,CEO Bruker BRKR OB \$758,073 9/11/19 \$ 2.130 \$42.26 38,077,400 0% 6,536 -0 9/12/19 Nerenberg David DIR Flotek Ind FTK B \$699,300 9/13/19 \$ 2.331 \$22.10 839,601 4% 7,786 -0 9/12/19 Nerenberg David DIR Flotek Ind FTK B \$642,330 9/12/19 \$ 2.39 \$2.03 1,489,501 22% 117 -1 9/10/19 Lowey Charles F CB,CEO Prudential Finl PRU B \$627,600 9/9/19 \$ 33.68 \$82.08 64,263 13% 32,996 -1 9/9/19 Osteen Debra K CEO,DIR Retail Opportunity Invs ROIC OB \$555,938 9/11/19 \$ 10.25 \$17.80 1,550,641 3% 2,035 -1 9/11/19 Tanz Stuart A CEO,DIR Retail Opportunity Invs ROIC OB \$555,938 9/9/19 \$ 10.25 \$17.80 1,550,641 3% 2,035 -1 9/11/19 Bitt Lewis L III CB,CEO At Home HOME B \$500,193 9/9/19 \$ 15.41 \$15.49 30,551 11% 270 -1 9/11/19 Bottoff Dennis DIR Capstar Finl CSTR B \$499,993 9/9/19 \$ 15.41 \$15.49 30,551 11% 270 -1 9/11/19 Bottoff Dennis DIR Capstar Finl CSTR B \$499,993 9/9/19 \$ 15.41 \$15.49 30,546 New 270 -1 9/11/19 Bottoff Dennis DIR Capstar Finl CSTR B \$499,993 9/9/19 \$ 15.41 \$15.49 30,551 11% 270 -1 9/11/19 Bottoff Dennis DIR Capstar Finl CSTR B \$499,993 9/9/19 \$ 15.41 \$15.49 30,551 11% 270 -1 9/11/19 Bottoff Dennis DIR Capstar Finl CSTR B \$499,993 9/9/19 \$ 15.41 \$15.49 30,551 11% 270 -1 9/11/19 Bottoff Dennis DIR Capstar Finl CSTR B \$499,993 9/9/19 \$ 15.41 \$15.49 30,551 11% 270 -1 9/11/19 Bottoff Dennis DIR Capstar Finl CSTR B \$499,993 9/9/19 \$ 15.41 \$15 | +0.5 | 9/10/19 | Tuchman Martin | DIR | Fortress Tran & Infr Inv | FTAI | JB* | \$1,925,339 | 9/11/19 | \$ | 25.67 | \$15.25 | 100,400 | 295% | 1,295 |
| +0.5 9/9/19 Ardsley Advisory Part BO Marrone Bio Innovation MBII OB \$1,457,195 9/5/19 \$1.00 \$1.30 11,780,442 14% 144 | ●00 +1 | 9/11/19 | Flynn Thomas R | DIR | Capstar Finl | CSTR | В | \$1,500,009 | 9/9/19 | \$ | 15.41 | \$15.49 | 485,438 | 25% | 270 |
| 0 9/9/19 Poladian Avedick B DIR Public Storage PSA OB \$1,232,850 9/5/19 \$ 82.19 \$261.89 15.000 New 45,725 0 8/6/19 Perelman Ronald O BO vTv Therap VTVT JB* \$1,000,001 9/11/19 \$ 1.65 \$1.37 22,900,836 3% 74 1 8/13/19 Bishop Robert J DIR Unifi UFI B \$484,012 9/6/19 \$ 20.36 \$19.85 1,621,740 3% 366 1 0 9/12/19 Drachman Jonathan G DIR Neoleukin Therap NLTX B,JB* \$781,747 9/11/19 \$ 3.13 \$3.61 1,032,420 32% 85 0 9/12/19 Laukien Frank H BO,CEO Bruker BRKR OB \$758,073 9/11/19 \$ 21.80 \$42.26 38,077,400 0% 6.536 0 8/20/19 Papa Joseph C CB,CEO Bausch Health BHC B \$699,300 9/13/19 \$ 23.31 \$22.10 839,601 4% 7,786 0 9/12/19 Nerenberg David DIR Flotek Ind FTK B \$642,330 9/12/19 \$ 2.39 \$2.03 1,489,501 22% 11/7 1 9/10/19 Lowrey Charles F CB,CEO Prudential Finl PRU B \$627,600 9/9/19 \$ 83.68 \$82.08 64,263 13% 32,996 1 2 8/14/19 Cortes Fernando O Keurig DT Pepper KDP OB \$555,938 9/11/19 \$ 10.25 \$17.80 1,550,641 3% 2,035 1 9/9/19 Osteen Debra K CEO,DIR Acadia Healthcare ACHC B \$530,660 9/5/19 \$ 26.53 \$27.33 117,178 21% 2,419 1 9/11/19 Bird Lewis L III CB,CEO At Home HOME B \$500,193 9/9/19 \$ 10.25 \$17.80 1,550,641 3% 2,035 1 1 9/11/19 Bird Lewis L III CB,CEO At Home HOME B \$5499,993 9/9/19 \$ 15.41 \$15.49 330,551 11% 270 1 1 9/11/19 Sullivan Timothy W CEO,DIR Acrie Pharm AERI B \$499,993 9/10/19 \$ 15.41 \$15.49 32,446 New 270 1 1 9/11/19 Anido Vicente Jr CEO,DIR Acrie Pharm AERI B \$499,993 9/10/19 \$ 9.58 \$11.85 1,853,160 3% 739 1 1 9/11/19 Sullivan Timothy W CEO,DIR Rev REVG B \$445,040 9/10/19 \$ 9.58 \$11.85 1,853,160 3% 739 1 1 9/11/19 Vellan Cap LP BO Progenics Pharm PGNX B \$350,733 9/9/19 \$ 4.50 \$45.00 \$51.80 \$20.00 83% 1.623 1 1 9/11/19 Vellan Cap LP BO Progenics Pharm PGNX B \$350,733 9/9/19 \$ 4.50 \$45.00 1,950,000 3% 389 889 1 1 9/11/19 Vellan Cap LP BO Progenics Pharm PGNX B \$350,7193 9/9/19 \$ 4.73 \$4.50 1,950,000 3% 389 889 1 1 9/11/19 Vellan Cap LP BO Progenics Pharm PGNX B \$350,7193 9/9/19 \$ 4.73 \$4.50 1,950,000 3% 389 889 1 1 9/11/19 Vellan Cap LP BO Progenics Pharm PGNX B \$350,7193 9/9/19 | +3 | 9/9/19 | Sosin Clifford | ВО | At Home | HOME | B,JB* | \$1,459,890 | 9/5/19 | \$ | 6.08 | \$6.57 | 16,515,150 | 1% | 421 |
| +0 8/6/19 Perelman Ronald O BO VTV Therap VTVT JB* \$1,000,001 9/11/19 \$ 1.65 \$1.37 22,900,836 3% 74 +1 8/13/19 Bishop Robert J DIR Unifi UFI B \$849,012 9/6/19 \$ 2.036 \$19.85 1,621,740 3% 366 +1 8/13/19 Bishop Robert J DIR Unifi UFI B \$849,012 9/6/19 \$ 2.036 \$19.85 1,621,740 3% 366 +1 8/13/19 Laukien Frank H BO_CEO Bruker BRKR OB \$758,073 9/11/19 \$ 3.13 \$3.61 1,032,420 32% 85 0 9/12/19 Laukien Frank H BO_CEO Bruker BRKR OB \$758,073 9/11/19 \$ 2.180 \$42,26 38,077,400 0% 6,536 0 8/20/19 Papa Joseph C CB_CEO Bausch Health BHC B \$699,300 9/13/19 \$ 2.331 \$22,10 839,601 4% 7,786 0 9/12/19 Nerenberg David DR Flotek Ind FTK B \$642,330 9/12/19 \$ 2.39 \$2.03 1,489,501 22% 117 11 9/10/19 Lowrey Charles F CB_CEO Prudential Finl PRU B \$627,600 9/9/19 \$ 8.368 \$82.08 64,263 13% 32,996 12 8/14/19 Cortes Fernando O Keurig Dr Pepper KDP OB \$555,938 9/11/19 \$ 14.81 \$27.49 92,999 68% 38,671 14 9/9/19 Osteen Debra K CEO_DIR Acadia Healthcare ACHC B \$530,660 9/9/19 \$ 2.653 \$27.33 117,178 21% 24,119 15 9/9/19 Tanz Stuart A CEO_DIR Retail Opportunity Invs ROIC OB \$512,500 9/9/19 \$ 10.25 \$17.80 1,550,641 3% 2,035 16 1 9/11/19 Wilt Toby S DIR Capstar Finl CSTR B \$499,993 9/9/19 \$ 10.25 \$17.80 1,550,641 3% 270 17 9/9/19 Soltorif Dennis DIR Capstar Finl CSTR B \$499,993 9/9/19 \$ 15.41 \$15.49 330,551 11% 270 18 9/11/19 Schools Timothy Kyb DIR Capstar Finl CSTR B \$499,993 9/9/19 \$ 15.41 \$15.49 330,551 11% 270 19 9/11/19 Schools Timothy Kyb DIR Capstar Finl CSTR B \$499,993 9/9/19 \$ 15.41 \$15.49 32,395 19/6,631 15% 1,101 19 9/11/19 Schools Timothy Kyb CEO_DIR Rev REVG B \$448,895 9/9/19 \$ 15.41 \$15.49 32,461 32% 270 19 9/11/19 Schools Timothy Kyb CEO_DIR Rev REVG B \$448,895 9/9/19 \$ 15.41 \$15.49 32,491 17% 31.162 19 9/11/19 Velan Cap LP BO Progenics Pharm PGNX B \$350,7193 9/9/19 \$ 4.99 \$4.50 8,011,733 19 389 11 9/11/19 Velan Cap LP BO Progenics Pharm PGNX B \$350,7193 9/9/19 \$ 4.99 \$4.50 8,011,733 19 389 11 1 9/11/19 Le Part BO Progenics Pharm PGNX B \$350,7193 9/9/19 \$ 4.99 \$4.50 1,195,000 3% 389 18 9/11/19 1 | 0 00 +0.5 | 9/9/19 | Ardsley Advisory Part | ВО | Marrone Bio Innovation | MBII | OB | \$1,457,195 | 9/5/19 | \$ | 1.00 | \$1.30 | 11,780,442 | 14% | 144 |
| +1 8/13/19 Bishop Robert J DIR Unifi UFI B \$849,012 9/6/19 \$ 20.36 \$19.85 1,621,740 3% 366 +0.5 9/11/19 Drachman Jonathan G DIR Neoleukin Therap NLTX B_JB* \$781,747 9/11/19 \$ 3.13 \$3.61 1,032,420 32% 85 0 9/12/19 Laukien Frank H BO_CEO Bruker BRKR OB \$758,073 9/11/19 \$ 21.80 \$42.26 38,077,400 0% 6,536 0 8/20/19 Papa Joseph C CB_CEO Bausch Health BHC B \$699,300 9/13/19 \$ 23.31 \$22.10 839,601 4% 7,786 0 9/12/19 Nerenberg David DIR Flotek Ind FTK B \$642,330 9/12/19 \$ 2.39 \$2.03 1,489,501 22% 117 1 9/10/19 Lowrey Charles F CB_CEO Prudential Finl PRU B \$627,600 9/9/19 \$ 83.68 \$82.08 64,263 13% 32,996 1 9/9/19 Osteen Debra K CEO_DIR Acadia Healthcare ACHC B \$530,660 9/5/19 \$ 26.53 \$27.33 117,178 21% 2,419 1 9/9/19 Osteen Debra K CEO_DIR Retail Opportunity Invs ROIC OB \$512,500 9/9/19 \$ 10.25 \$17.80 1,550,641 3% 2,035 1 9/11/19 Bird Lewis L III CB_CEO At Home HOME B \$500,193 9/9/19 \$ 15.41 \$15.49 330,551 11% 270 1 9/11/19 Shido Vicente Jr CEO_DIR Acrie Pharm AERI B \$499,993 9/9/19 \$ 15.41 \$15.49 29,4613 12% 270 1 9/11/19 Shido Vicente Jr CEO_DIR Aerie Pharm AERI B \$499,993 9/9/19 \$ 15.41 \$15.49 330,551 11% 270 1 9/11/19 Shido Vicente Jr CEO_DIR Aerie Pharm AERI B \$499,993 9/9/19 \$ 15.41 \$15.49 330,551 11% 270 1 9/11/19 Shido Vicente Jr CEO_DIR Turning Point Therap TPTX JB* \$450,000 9/10/19 \$ 9.58 \$11.85 1,853,160 3% 739 1 9/11/19 Villa Touroutoidis Athena CEO_DIR Turning Point Therap TPTX JB* \$450,000 9/10/19 \$ 9.58 \$11.85 1,853,160 3% 739 1 9/11/19 Villa Norman Home BO Progenics Pharm PGNX B \$332,334 9/11/19 \$ 4.73 \$4.50 1,950,000 3% 389 1 9/11/19 LePart BO Progenics Pharm PGNX B \$332,334 9/11/19 \$ 14.43 \$15.49 \$1.473 \$1.48 \$1.54 \$1.54 \$1.54 \$1.54 \$1.54 \$1.54 \$1.54 \$1.54 \$1.54 \$1.54 \$1.55 \$1.5 | 000 0 | 9/9/19 | Poladian Avedick B | DIR | Public Storage | PSA | ОВ | \$1,232,850 | 9/5/19 | \$ | 82.19 | \$261.89 | 15,000 | New | 45,725 |
| +0.5 9/11/19 Drachman Jonathan G DIR Neoleukin Therap NLTX B,JB* \$781,747 9/11/19 \$ 3.13 \$3.61 1,032,420 32% 85 0 9/12/19 Laukien Frank H BO,CEO Bruker BRKR OB \$758,073 9/11/19 \$ 21.80 \$42.26 38,077,400 0% 6,536 0 8/20/19 Papa Joseph C CB,CEO Bausch Health BHC B \$699,300 9/13/19 \$ 23.31 \$22.10 839,601 4% 7,786 0 9/12/19 Nerenberg David DIR Flotek Ind FTK B \$642,330 9/12/19 \$ 23.31 \$22.10 839,601 4% 7,786 1 19/10/19 Lowrey Charles F CB,CEO Prudential Finl PRU B \$627,600 9/9/19 \$ 83.68 \$82.08 64.263 13% 32,996 1 2 8/14/19 Cortes Fernando O Keurig Dr Pepper KDP OB \$555,938 9/11/19 \$ 14.81 \$27.49 92,999 68% 38,671 1 9/19/19 Josteen Debra K CEO,DIR Acadia Healthcare ACHC B \$530,660 9/5/19 \$ 26.53 \$27.33 117,178 21% 2,419 1 9/11/19 Tanz Stuart A CEO,DIR Retail Opportunity Invs ROIC OB \$512,500 9/9/19 \$ 10.25 \$17.80 1,550,641 3% 2,035 1 9/11/19 Wilt Toby S DIR Capstar Finl CSTR B \$499,993 9/9/19 \$ 15.41 \$15.49 330,551 11% 270 1 1 9/11/19 Schools Timothy Kyle DIR Capstar Finl CSTR B \$499,993 9/9/19 \$ 15.41 \$15.49 32,446 New 270 1 1 9/11/19 Schools Timothy Kyle DIR Capstar Finl CSTR B \$499,993 9/9/19 \$ 15.41 \$15.49 32,446 New 270 1 1 9/11/19 Schools Timothy Kyle DIR Capstar Finl CSTR B \$499,993 9/9/19 \$ 15.41 \$15.49 32,446 New 270 1 1 9/11/19 Countouriotis Athena CEO,DIR Rev REVG B \$478,890 9/10/19 \$ 9.58 \$11.85 1,853,160 3% 739 1 1 9/11/19 Countouriotis Athena CEO,DIR Meredith MDP B \$442,0240 9/9/19 \$ 35.02 \$43.47 46,455 35% 2,050 1 1 9/11/19 Velan Cap LP BO Progenics Pharm PGNX B \$350,733 9/9/19 \$ 16.42 \$13.25 114,261 21% 2,166 1 1 9/11/19 Velan Cap LP BO Progenics Pharm PGNX B \$350,733 9/9/19 \$ 16.42 \$13.25 114,261 21% 2,166 1 1 9/11/19 Velan Cap LP BO Progenics Pharm PGNX B \$350,733 9/9/19 \$ 4.73 \$4.50 1,950,000 3% 389 | 000 +0 | 8/6/19 | Perelman Ronald O | ВО | vTv Therap | VTVT | JB* | \$1,000,001 | 9/11/19 | \$ | 1.65 | \$1.37 | 22,900,836 | 3% | 74 |
| 0 9/12/19 Laukien Frank H BO,CEO Bruker BRKR OB \$758,073 9/11/19 \$ 21.80 \$42.26 38,077,400 0% 6,536 0 8/20/19 Papa Joseph C CB,CEO Bausch Health BHC B \$699,300 9/13/19 \$ 23.31 \$22.10 839,601 4% 7,786 0 9/12/19 Nierenberg David DIR Flotek Ind FTK B \$642,330 9/12/19 \$ 2.39 \$2.03 1,489,501 22% 117 0 117 9/11/19 Laurey Charles F CB,CEO Prudential Finl PRU B \$627,600 9/9/19 \$ 33.68 \$82.08 64,263 13% 32,996 0 1 2 8/14/19 Cortes Fernando O Keurig Dr Pepper KDP OB \$555,938 9/11/19 \$ 14.81 \$27.49 92,999 68% 38,671 0 9/9/19 Osteen Debra K CEO,DIR Acadia Healthcare ACHC B \$530,660 9/5/19 \$ 26.53 \$27.33 117,178 21% 2,419 0 9/11/19 Tanz Stuart A CEO,DIR Retail Opportunity Invs ROIC OB \$5512,500 9/9/19 \$ 10.25 \$17.80 1,555,641 3% 2,035 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | ●○○ ±1 | 8/13/19 | Bishop Robert J | DIR | Unifi | UFI | В | \$849,012 | 9/6/19 | \$ | 20.36 | \$19.85 | 1,621,740 | 3% | 366 |
| 0 8/20/19 Papa Joseph C CB,CEO Bausch Health BHC B \$699,300 9/13/19 \$ 23.31 \$22.10 839,601 4% 7,786 0 9/12/19 Nierenberg David DIR Flotek Ind FTK B \$642,330 9/12/19 \$ 2.39 \$2.03 1,489,501 22% 117 117 | 000 +0.5 | 9/11/19 | Drachman Jonathan G | DIR | Neoleukin Therap | NLTX | B,JB* | \$781,747 | 9/11/19 | \$ | 3.13 | \$3.61 | 1,032,420 | 32% | 85 |
| 0 9/12/19 Nerenberg David DIR Flotek Ind FTK B \$642,330 9/12/19 \$ 2.39 \$2.03 1,489,501 22% 117 117 9/10/19 Lowrey Charles F CB,CEO Prudential Finl PRU B \$627,600 9/9/19 \$ 83.68 \$82.08 64,263 13% 32,996 118 28/14/19 Cortes Fernando O Keurig Dr Pepper KDP OB \$555,938 9/11/19 \$ 14.81 \$27.49 92,999 68% 38,671 119 9/9/19 Osteen Debra K CEO,DIR Acadia Healthcare ACHC B \$530,660 9/5/19 \$ 26.53 \$27.33 117,178 21% 2,419 119 9/9/19 Tanz Stuart A CEO,DIR Retail Opportunity Invs ROIC OB \$512,500 9/9/19 \$ 10.25 \$17.80 1,550,641 3% 2,035 119 9/9/19 Bird Lewis L III CB,CEO At Home HOME B \$500,193 9/9/19 \$ 7.81 \$6.57 69,060 1266% 421 119 9/11/19 Wilt Toby S DIR Capstar Finl CSTR B \$499,993 9/9/19 \$ 15.41 \$15.49 330,551 11% 270 119 9/11/19 Bottorff Dennis DIR Capstar Finl CSTR B \$499,993 9/9/19 \$ 15.41 \$15.49 294,613 12% 270 119 9/11/19 Schools Timothy Kyle DIR Capstar Finl CSTR B \$499,993 9/9/19 \$ 15.41 \$15.49 294,613 12% 270 119 9/11/19 Anido Vicente Jr CEO,DIR Aerie Pharm AERI B \$498,993 9/9/19 \$ 15.41 \$15.49 32,446 New 270 119 9/11/19 Countouriotis Athena CEO,DIR Rev REVG B \$478,890 9/10/19 \$ 9.58 \$11.85 1,853,160 3% 739 110 9/10/19 Harty Thomas H CEO,DIR Meredith MDP B \$420,240 9/9/19 \$ 35.02 \$43.47 46,455 35% 2,050 110 9/10/19 Harty Thomas H CEO,DIR Meredith MDP B \$420,240 9/9/19 \$ 4.99 \$4.50 8,011,733 1% 389 110 9/11/19 Velan Cap LP BO Progenics Pharm PGNX B \$359,733 9/9/19 \$ 4.99 \$4.50 8,011,733 1% 389 110 9/11/19 Lte Part BO Progenics Pharm PGNX B \$350,7193 9/9/19 \$ 4.73 \$4.50 1,950,000 3% 389 | 000 0 | 9/12/19 | Laukien Frank H | BO,CEO | Bruker | BRKR | ОВ | \$758,073 | 9/11/19 | \$ | 21.80 | \$42.26 | 38,077,400 | 0% | 6,536 |
| +1 9/10/19 Lowrey Charles F CB,CEO Prudential Finl PRU B \$627,600 9/9/19 \$83.68 \$82.08 64,263 13% 32,996 +2 8/14/19 Cortes Fernando O Keurig Dr Pepper KDP OB \$555,938 9/11/19 \$14.81 \$27.49 92,999 68% 38,671 +0 9/9/19 Osteen Debra K CEO,DIR Acadia Healthcare ACHC B \$530,660 9/5/19 \$26.53 \$27.33 117,178 21% 2,419 +0 9/11/19 Tanz Stuart A CEO,DIR Retail Opportunity Invs ROIC OB \$512,500 9/9/19 \$10.25 \$17.80 1,550,641 3% 2,035 +3 9/9/19 Bird Lewis L III CB,CEO At Home HOME B \$500,193 9/9/19 \$7.81 \$6.57 69,060 1266% 421 +1 9/11/19 Wilt Toby S DIR Capstar Finl CSTR B \$499,993 9/9/19 \$15.41 \$15.49 330,551 11% 270 +1 9/11/19 Bottorff Dennis DIR Capstar Finl CSTR B \$499,993 9/9/19 \$15.41 \$15.49 294,613 12% 270 +1 9/11/19 Schools Timothy Kyle DIR Capstar Finl CSTR B \$499,993 9/9/19 \$15.41 \$15.49 294,613 12% 270 +1 9/9/19 Anido Vicente Jr CEO,DIR Aerie Pharm AERI B \$499,993 9/9/19 \$15.41 \$15.49 32,446 New 270 +1 9/11/19 Sullivan Timothy W CEO,DIR Rev REVG B \$478,890 9/10/19 \$9.58 \$11.85 1,853,160 3% 739 +1 9/11/19 Countouriotis Athena CEO,DIR Turning Point Therap TPTX J8* \$450,000 9/10/19 \$45.00 \$51.80 22,000 83% 1,623 +0 9/9/19 O Boyle James SO,VP Varonis Sys VRNS OB \$445,844 9/5/19 \$21.56 \$70.51 122,063 20% 2,139 +1 9/11/19 Velan Cap LP BO Progenics Pharm PGNX B \$330,7193 9/9/19 \$4.73 \$4.50 1,950,000 3% 389 +1 8/6/19 Newman Mark COO,VP Chemours Co CC B \$328,340 9/11/19 \$4.73 \$4.50 1,950,000 3% 389 | 000 0 | 8/20/19 | Papa Joseph C | CB,CEO | Bausch Health | внс | В | \$699,300 | 9/13/19 | \$ | 23.31 | \$22.10 | 839,601 | 4% | 7,786 |
| +1 9/10/19 Lowrey Charles F CB,CEO Prudential Finl PRU B \$627,600 9/9/19 \$83.68 \$82.08 64,263 13% 32,996 +2 8/14/19 Cortes Fernando O Keurig Dr Pepper KDP OB \$555,938 9/11/19 \$14.81 \$27.49 92,999 68% 38,671 +0 9/9/19 Osteen Debra K CEO,DIR Acadia Healthcare ACHC B \$530,660 9/5/19 \$26.53 \$27.33 117,178 21% 2,419 +0 9/11/19 Tanz Stuart A CEO,DIR Retail Opportunity Invs ROIC OB \$512,500 9/9/19 \$10.25 \$17.80 1,550,641 3% 2,035 +3 9/9/19 Bird Lewis L III CB,CEO At Home HOME B \$500,193 9/9/19 \$7.81 \$6.57 69,060 1266% 421 +1 9/11/19 Wilt Toby S DIR Capstar Finl CSTR B \$499,993 9/9/19 \$15.41 \$15.49 330,551 11% 270 +1 9/11/19 Bottorff Dennis DIR Capstar Finl CSTR B \$499,993 9/9/19 \$15.41 \$15.49 294,613 12% 270 +1 9/11/19 Schools Timothy Kyle DIR Capstar Finl CSTR B \$499,993 9/9/19 \$15.41 \$15.49 294,613 12% 270 +1 9/9/19 Anido Vicente Jr CEO,DIR Aerie Pharm AERI B \$499,993 9/9/19 \$15.41 \$15.49 32,446 New 270 +1 9/11/19 Sullivan Timothy W CEO,DIR Rev REVG B \$478,890 9/10/19 \$9.58 \$11.85 1,853,160 3% 739 +1 9/11/19 Countouriotis Athena CEO,DIR Turning Point Therap TPTX J8* \$450,000 9/10/19 \$45.00 \$51.80 22,000 83% 1,623 +0 9/9/19 O Boyle James SO,VP Varonis Sys VRNS OB \$445,844 9/5/19 \$21.56 \$70.51 122,063 20% 2,139 +1 9/11/19 Velan Cap LP BO Progenics Pharm PGNX B \$330,7193 9/9/19 \$4.73 \$4.50 1,950,000 3% 389 +1 8/6/19 Newman Mark COO,VP Chemours Co CC B \$328,340 9/11/19 \$4.73 \$4.50 1,950,000 3% 389 | 000 0 | 9/12/19 | Nierenberg David | DIR | Flotek Ind | FTK | В | \$642.330 | 9/12/19 | \$ | 2.39 | \$2.03 | 1.489.501 | 22% | 117 |
| +2 8/14/19 Cortes Fernando O Keurig Dr Pepper KDP OB \$555,938 9/11/19 \$ 14.81 \$27.49 92,999 68% 38,671 +0 9/9/19 Osteen Debra K CEO,DIR Acadia Healthcare ACHC B \$530,660 9/5/19 \$ 26.53 \$27.33 117,178 21% 2,419 +0 9/11/19 Tanz Stuart A CEO,DIR Retail Opportunity Invs ROIC OB \$512,500 9/9/19 \$ 10.25 \$17.80 1,550,641 3% 2,035 +3 9/9/19 Bird Lewis L III CB,CEO At Home HOME B \$500,193 9/9/19 \$ 7.81 \$6.57 69,060 1266% 421 +1 9/11/19 Wilt Toby S DIR Capstar Finl CSTR B \$499,993 9/9/19 \$ 15.41 \$15.49 330,551 11% 270 +1 9/11/19 Bottorff Dennis DIR Capstar Finl CSTR B \$499,993 9/9/19 \$ 15.41 \$15.49 294,613 12% 270 +1 9/11/19 Schools Timothy Kyle DIR Capstar Finl CSTR B \$499,993 9/9/19 \$ 15.41 \$15.49 294,613 12% 270 +1 9/9/19 Anido Vicente Jr CEO,DIR Aerie Pharm AERI B \$499,993 9/9/19 \$ 15.41 \$15.49 32,446 New 270 +1 9/11/19 Sullivan Timothy W CEO,DIR Rev REVG B \$478,890 9/10/19 \$ 9.58 \$11.85 1,853,160 3% 739 +1 9/11/19 Countouriotis Athena CEO,DIR Turning Point Therap TPTX JB* \$450,000 9/10/19 \$ 9.58 \$11.85 1,853,160 3% 739 +1 9/10/19 Harty Thomas H CEO,DIR Meredith MDP B \$445,844 9/5/19 \$ 21.56 \$70.51 122,063 20% 2,139 +1 9/11/19 Velan Cap LP BO Progenics Pharm PGNX B \$359,733 9/9/19 \$ 4.73 \$4.50 1,950,000 3% 389 | ●00 ±1 | | · · | | | | | | | | | | | | |
| +0 9/9/19 Osteen Debra K CEO,DIR Acadia Healthcare ACHC B \$530,660 9/5/19 \$26.53 \$27.33 117,178 21% 2,419 +0 9/11/19 Tanz Stuart A CEO,DIR Retail Opportunity Invs ROIC OB \$512,500 9/9/19 \$10.25 \$17.80 1,550,641 3% 2,035 +3 9/9/19 Bird Lewis L III CB,CEO At Home HOME B \$500,193 9/9/19 \$7.81 \$6.57 69,060 1266% 421 +1 9/11/19 Wilt Toby S DIR Capstar Finl CSTR B \$499,993 9/9/19 \$15.41 \$15.49 330,551 11% 270 +1 9/11/19 Bottorff Dennis DIR Capstar Finl CSTR B \$499,993 9/9/19 \$15.41 \$15.49 294,613 12% 270 +1 9/11/19 Schools Timothy Kyle DIR Capstar Finl CSTR B \$499,993 9/9/19 \$15.41 \$15.49 294,613 12% 270 +1 9/9/19 Anido Vicente Jr CEO,DIR Aerie Pharm AERI B \$499,993 9/9/19 \$15.41 \$15.49 32,446 New 270 +1 9/11/19 Sullivan Timothy W CEO,DIR Rev REVG B \$478,890 9/10/19 \$9.58 \$11.85 1,853,160 3% 739 +1 9/11/19 Countouriotis Athena CEO,DIR Turning Point Therap TPTX JB* \$450,000 9/10/19 \$45.00 \$51.80 22,000 83% 1,623 +0 9/9/19 D Boyle James SO,VP Varonis Sys VRNS OB \$445,844 9/5/19 \$21.56 \$70.51 122,063 20% 2,139 +1 9/11/19 Velan Cap LP BO Progenics Pharm PGNX B \$3307,193 9/9/19 \$4.73 \$4.50 1,950,000 3% 389 +1 8/6/19 Newman Mark COO,VP Chemours Co CC B \$3328,340 9/11/19 \$16.42 \$13.25 114,261 21% 2,166 +1 9/11/19 Lte Part BO Progenics Pharm PGNX B \$307,193 9/9/19 \$4.73 \$4.50 1,950,000 3% 389 | | | | | | | | | | | | | | | |
| +0 9/11/19 Tanz Stuart A CEO,DIR Retail Opportunity Invs ROIC OB \$512,500 9/9/19 \$ 10.25 \$17.80 1,550,641 3% 2,035 | 000 | | | | | | | | | | | | | | |
| +3 9/9/19 Bird Lewis L III CB,CEO At Home HOME B \$500,193 9/9/19 \$ 7.81 \$6.57 69,060 1266% 421 +1 9/11/19 Wilt Toby S DIR Capstar Finl CSTR B \$499,993 9/9/19 \$ 15.41 \$15.49 330,551 11% 270 +1 9/11/19 Bottorff Dennis DIR Capstar Finl CSTR B \$499,993 9/9/19 \$ 15.41 \$15.49 294,613 12% 270 +1 9/11/19 Schools Timothy Kyle DIR Capstar Finl CSTR B \$499,993 9/9/19 \$ 15.41 \$15.49 32,446 New 270 +1 9/9/19 Anido Vicente Jr CEO,DIR Aerie Pharm AERI B \$498,953 9/9/19 \$ 15.41 \$15.49 32,446 New 270 +1 9/11/19 Sullivan Timothy W CEO,DIR Rev REVG B \$478,890 9/10/19 \$ 9.58 \$11.85 1,853,160 3% 739 +1 9/11/19 Countouriotis Athena CEO,DIR Turning Point Therap TPTX JB* \$450,000 9/10/19 \$ 45.00 \$51.80 22,000 83% 1,623 +0 9/9/19 Dayle James SO,VP Varonis Sys VRNS OB \$445,844 9/5/19 \$ 21.56 \$70.51 122,063 20% 2,139 +0 9/10/19 Harty Thomas H CEO,DIR Meredith MDP B \$420,240 9/9/19 \$ 35.02 \$43.47 46,455 35% 2,050 +1 9/11/19 Velan Cap LP BO Progenics Pharm PGNX B \$3359,733 9/9/19 \$ 4.99 \$4.50 8,011,733 1% 389 +1 9/11/19 Lte Part BO Progenics Pharm PGNX B \$3307,193 9/9/19 \$ 4.73 \$4.50 1,950,000 3% 389 | ^^^ | | | / | | | | | | | | | | | |
| +1 9/11/19 Wilt Toby S DIR Capstar Finl CSTR B \$499,993 9/9/19 \$ 15.41 \$15.49 330,551 11% 270 +1 9/11/19 Bottorff Dennis DIR Capstar Finl CSTR B \$499,993 9/9/19 \$ 15.41 \$15.49 294,613 12% 270 +1 9/11/19 Schools Timothy Kyle DIR Capstar Finl CSTR B \$499,993 9/9/19 \$ 15.41 \$15.49 294,613 12% 270 +1 9/9/19 Anido Vicente Jr CEO,DIR Aerie Pharm AERI B \$498,953 9/9/19 \$ 19.01 \$23.97 197,631 15% 1,101 +0 9/11/19 Sullivan Timothy W CEO,DIR Rev REVG B \$478,890 9/10/19 \$ 9.58 \$11.85 1,853,160 3% 739 +1 9/11/19 Countouriotis Athena CEO,DIR Turning Point Therap TPTX JB* \$450,000 9/10/19 \$ 45.00 \$51.80 22,000 83% 1,623 +0 9/9/19 O Boyle James SO,VP Varonis Sys VRNS OB \$445,844 9/5/19 \$ 21.56 \$70.51 122,063 20% 2,139 +0 9/10/19 Harty Thomas H CEO,DIR Meredith MDP B \$420,240 9/9/19 \$ 35.02 \$43.47 46,455 35% 2,050 +1 9/11/19 Velan Cap LP BO Progenics Pharm PGNX B \$359,733 9/9/19 \$ 4.99 \$4.50 8,011,733 1% 389 +1 8/6/19 Newman Mark COO,VP Chemours Co CC B \$328,340 9/11/19 \$ 16.42 \$13.25 114,261 21% 2,166 +1 9/11/19 Lte Part BO Progenics Pharm PGNX B \$307,193 9/9/19 \$ 4.73 \$4.50 1,950,000 3% 389 | | | | | | | | | | | | | | | |
| +1 9/11/19 Bottorff Dennis DIR Capstar Finl CSTR B \$499,993 9/9/19 \$ 15.41 \$15.49 294,613 12% 270 +1 9/11/19 Schools Timothy Kyle DIR Capstar Finl CSTR B \$499,993 9/9/19 \$ 15.41 \$15.49 32,446 New 270 +1 9/9/19 Anido Vicente Jr CEO,DIR Aerie Pharm AERI B \$498,953 9/9/19 \$ 19.01 \$23.97 197,631 15% 1,101 +0 9/11/19 Sullivan Timothy W CEO,DIR Rev REVG B \$478,890 9/10/19 \$ 9.58 \$11.85 1,853,160 3% 739 +1 9/11/19 Countouriotis Athena CEO,DIR Turning Point Therap TPTX JB* \$450,000 9/10/19 \$ 45.00 \$51.80 22,000 83% 1,623 +0 9/9/19 O Boyle James SO,VP Varonis Sys VRNS OB \$445,844 9/5/19 \$ 21.56 \$70.51 122,063 20% 2,139 +0 9/10/19 Harty Thomas H CEO,DIR Meredith MDP B \$420,240 9/9/19 \$ 35.02 \$43.47 46,455 35% 2,050 +1 9/11/19 Velan Cap LP BO Progenics Pharm PGNX B \$359,733 9/9/19 \$ 4.99 \$4.50 8,011,733 1% 389 +1 8/6/19 Newman Mark COO,VP Chemours Co CC B \$328,340 9/11/19 \$ 16.42 \$13.25 114,261 21% 2,166 | •00 | | | | | | | | | | | | | | |
| +1 9/11/19 Schools Timothy Kyle DIR Capstar Finl CSTR B \$499,993 9/9/19 \$ 15.41 \$15.49 32,446 New 270 +1 9/9/19 Anido Vicente Jr CEO,DIR Aerie Pharm AERI B \$498,953 9/9/19 \$ 19.01 \$23.97 197,631 15% 1,101 +0 9/11/19 Sullivan Timothy W CEO,DIR Rev REVG B \$478,890 9/10/19 \$ 9.58 \$11.85 1,853,160 3% 739 +1 9/11/19 Countouriotis Athena CEO,DIR Turning Point Therap TPTX JB* \$450,000 9/10/19 \$ 45.00 \$51.80 22,000 83% 1,623 +0 9/9/19 O Boyle James SO,VP Varonis Sys VRNS OB \$445,844 9/5/19 \$ 21.56 \$70.51 122,063 20% 2,139 +0 9/10/19 Harty Thomas H CEO,DIR Meredith MDP B \$420,240 9/9/19 \$ 35.02 \$43.47 46,455 35% 2,050 +1 9/11/19 Velan Cap LP BO Progenics Pharm PGNX B \$359,733 9/9/19 \$ 4.99 \$4.50 8,011,733 1% 389 +1 8/6/19 Newman Mark COO,VP Chemours Co CC B \$328,340 9/11/19 \$ 16.42 \$13.25 114,261 21% 2,166 | •00 | | • | | | | | | | | | | | | |
| +1 9/9/19 Anido Vicente Jr CEO,DIR Aerie Pharm AERI B \$498,953 9/9/19 \$19.01 \$23.97 197,631 15% 1,101 +0 9/11/19 Sullivan Timothy W CEO,DIR Rev REVG B \$478,890 9/10/19 \$9.58 \$11.85 1,853,160 3% 739 +1 9/11/19 Countouriotis Athena CEO,DIR Turning Point Therap TPTX JB* \$450,000 9/10/19 \$45.00 \$51.80 22,000 83% 1,623 +0 9/9/19 O Boyle James SO,VP Varonis Sys VRNS OB \$445,844 9/5/19 \$21.56 \$70.51 122,063 20% 2,139 +0 9/10/19 Harty Thomas H CEO,DIR Meredith MDP B \$420,240 9/9/19 \$35.02 \$43.47 46,455 35% 2,050 +1 9/11/19 Velan Cap LP BO Progenics Pharm PGNX B \$359,733 9/9/19 \$4.99 \$4.50 8,011,733 1% 389 +1 8/6/19 Newman Mark COO,VP Chemours Co CC B \$328,340 9/11/19 \$16.42 \$13.25 114,261 21% 2,166 +1 9/11/19 Lte Part BO Progenics Pharm PGNX B \$307,193 9/9/19 \$4.73 \$4.50 1,950,000 3% 389 | •00 | | | | | | | | | | | | | | |
| +0 9/11/19 Sullivan Timothy W CEO,DIR Rev REVG B \$478,890 9/10/19 \$ 9.58 \$11.85 1,853,160 3% 739 +1 9/11/19 Countouriotis Athena CEO,DIR Turning Point Therap TPTX JB* \$450,000 9/10/19 \$ 45.00 \$51.80 22,000 83% 1,623 +0 9/9/19 O Boyle James SO,VP Varonis Sys VRNS OB \$445,844 9/5/19 \$ 21.56 \$70.51 122,063 20% 2,139 +0 9/10/19 Harty Thomas H CEO,DIR Meredith MDP B \$420,240 9/9/19 \$ 35.02 \$43.47 46,455 35% 2,050 +1 9/11/19 Velan Cap LP BO Progenics Pharm PGNX B \$359,733 9/9/19 \$ 4.99 \$4.50 8,011,733 1% 389 +1 8/6/19 Newman Mark COO,VP Chemours Co CC B \$328,340 9/11/19 \$ 16.42 \$13.25 114,261 21% 2,166 +1 9/11/19 Lte Part BO Progenics Pharm PGNX B \$307,193 9/9/19 \$ 4.73 \$4.50 1,950,000 3% 389 | •00 | | | | | | | | | | | | | | |
| +1 9/11/19 Countouriotis Athena CEO,DIR Turning Point Therap TPTX JB* \$450,000 9/10/19 \$ 45.00 \$51.80 22,000 83% 1,623 +0 9/9/19 O Boyle James SO,VP Varonis Sys VRNS OB \$445,844 9/5/19 \$ 21.56 \$70.51 122,063 20% 2,139 +0 9/10/19 Harty Thomas H CEO,DIR Meredith MDP B \$420,240 9/9/19 \$ 35.02 \$43.47 46,455 35% 2,050 +1 9/11/19 Velan Cap LP BO Progenics Pharm PGNX B \$359,733 9/9/19 \$ 4.99 \$4.50 8,011,733 1% 389 +1 8/6/19 Newman Mark COO,VP Chemours Co CC B \$328,340 9/11/19 \$ 16.42 \$13.25 114,261 21% 2,166 +1 9/11/19 Lte Part BO Progenics Pharm PGNX B \$307,193 9/9/19 \$ 4.73 \$4.50 1,950,000 3% 389 | 000 | | | | | | | | | | | | | | |
| +0 9/9/19 O Boyle James SO,VP Varonis Sys VRNS OB \$445,844 9/5/19 \$ 21.56 \$70.51 122,063 20% 2,139 +0 9/10/19 Harty Thomas H CEO,DIR Meredith MDP B \$420,240 9/9/19 \$ 35.02 \$43.47 46,455 35% 2,050 +1 9/11/19 Velan Cap LP BO Progenics Pharm PGNX B \$359,733 9/9/19 \$ 4.99 \$4.50 8,011,733 1% 389 +1 8/6/19 Newman Mark COO,VP Chemours Co CC B \$328,340 9/11/19 \$ 16.42 \$13.25 114,261 21% 2,166 +1 9/11/19 Lte Part BO Progenics Pharm PGNX B \$307,193 9/9/19 \$ 4.73 \$4.50 1,950,000 3% 389 | •00 | | | | | | | | | | | | | | |
| +0 9/10/19 Harty Thomas H CEO,DIR Meredith MDP B \$420,240 9/9/19 \$35.02 \$43.47 46,455 35% 2,050 +1 9/11/19 Velan Cap LP BO Progenics Pharm PGNX B \$359,733 9/9/19 \$4.99 \$4.50 8,011,733 1% 389 +1 8/6/19 Newman Mark COO,VP Chemours Co CC B \$328,340 9/11/19 \$16.42 \$13.25 114,261 21% 2,166 +1 9/11/19 Lte Part BO Progenics Pharm PGNX B \$307,193 9/9/19 \$4.73 \$4.50 1,950,000 3% 389 | 000 | | | | | | JB* | | 9/10/19 | | | | | | 1,623 |
| +1 9/11/19 Velan Cap LP BO Progenics Pharm PGNX B \$359,733 9/9/19 \$ 4.99 \$4.50 8,011,733 1% 389 +1 8/6/19 Newman Mark COO,VP Chemours Co CC B \$328,340 9/11/19 \$ 16.42 \$13.25 114,261 21% 2,166 +1 9/11/19 Lte Part BO Progenics Pharm PGNX B \$307,193 9/9/19 \$ 4.73 \$4.50 1,950,000 3% 389 | 000 +0 | 9/9/19 | O Boyle James | SO,VP | Varonis Sys | VRNS | OB | \$445,844 | 9/5/19 | \$ | 21.56 | \$70.51 | 122,063 | 20% | 2,139 |
| +1 8/6/19 Newman Mark COO,VP Chemours Co CC B \$328,340 9/11/19 \$ 16.42 \$13.25 114,261 21% 2,166 +1 9/11/19 Lte Part BO Progenics Pharm PGNX B \$307,193 9/9/19 \$ 4.73 \$4.50 1,950,000 3% 389 | 000 +0 | 9/10/19 | Harty Thomas H | CEO,DIR | Meredith | MDP | В | \$420,240 | 9/9/19 | \$ | 35.02 | \$43.47 | 46,455 | 35% | 2,050 |
| +1 9/11/19 Lte Part BO Progenics Pharm PGNX B \$307,193 9/9/19 \$ 4.73 \$4.50 1,950,000 3% 389 | ●00 ±1 | 9/11/19 | Velan Cap LP | ВО | Progenics Pharm | PGNX | В | \$359,733 | 9/9/19 | \$ | 4.99 | \$4.50 | 8,011,733 | 1% | 389 |
| •00 | ●00 ±1 | 8/6/19 | Newman Mark | COO,VP | Chemours Co | CC | В | \$328,340 | 9/11/19 | \$ | 16.42 | \$13.25 | 114,261 | 21% | 2,166 |
| +1 9/10/19 Falzon Robert VCB.VP Prudential Finl PRU B \$300 648 9/9/19 \$ 83 98 \$82 08 3 580 New 32 996 | ●00 +1 | 9/11/19 | Lte Part | ВО | Progenics Pharm | PGNX | В | \$307,193 | 9/9/19 | \$ | 4.73 | \$4.50 | 1,950,000 | 3% | 389 |
| | ●○○ +1 | 9/10/19 | Falzon Robert | VCB,VP | Prudential Finl | PRU | В | \$300,648 | 9/9/19 | \$ | 83.98 | \$82.08 | 3,580 | New | 32,996 |

See last page for the Key to Ratings, Titles & Transaction Type codes.







LARGEST INDIVIDUAL PURCHASES (Continued 51-100)

Includes Transaction Types B, AB, JB*, & selected OB.. Top 100 by dollar value, filed at the SEC in the past week.

Note: If Insider Rating Date > 3 Months Old or Insider Rating is Bearish, Recent Buying Activity is Considered Insignificant.

Generated with Special Screens tool at InsiderInsights.com using Pre-Programmed Screen: "Large Individual Buys (Week) + All Ratings".

| Particular Pa | Rating Patie Date Insider Name Title(s) Company Titcker Type(s)* Value Date Price | sequent % | a Mkt |
|---|--|-------------|----------|
| Reliant Dele Insider Name | Reting Date Insider Name Title(s) Company Ticker Type(s) Value Date Price | | |
| ## 0.5 9/11/19 Caryolaer Concens Sarah CPO ValueSelters VSTR B* \$300,000 8/19 \$ 0.01 \$0.01 \$45,000,000 129% ## 0.5 9/11/19 Elbuckly fellmy CEC_DIR Coundraint Health OH OB \$299,994 9/19 \$ 0.01 \$300,104 \$300,000 | 0. | 'dinas Own | Cap |
| 1.0 | 0 | | , , |
| 0 9/10/19 Elboukhy Helmy CEO,DIR Guardant Health GH OB \$299,994 9(6/19 \$ 4.18 \$98.62 3,596.334 2% 9.1 0 9/10/19 Tallasaz Arinial CBD, R. CBDR, FFGGuardant Health GH OB \$299,994 9(6/19 \$ 4.18 \$98.62 3,596.334 2% 9.1 1 9/10/19 Tallasaz Arinial CBD, BO, R. WiseOpenWest WOW B \$299,994 9(12/19 \$ 5.69 \$5.20 3),896.732 2% 498% 9.1 1 9/10/19 Clause LWilliam DR Commiscope COMM B \$299,909 9(12/19 \$ 5.69 \$5.20 3),896.732 2% 9.1 1 0 9/10/19 Krause LWilliam DR Commiscope COMM B \$259,900 9(12/19 \$ 11.28 516.99 107,696 16% 2.9 1 0 9/10/19 Krause LWilliam DR Commiscope COMM B \$259,900 9(12/19 \$ 11.28 516.99 107,696 16% 2.9 1 0 9/10/19 Krause LWilliam DR Commiscope COMM B \$259,900 9(12/19 \$ 10.28 516.99 107,696 16% 2.9 1 0 9/10/19 Krause LWilliam DR Commiscope COMM B \$259,904 9(12/19 \$ 10.28 516.99 107,696 16% 2.9 1 0 9/10/19 Krause LWilliam DR F\$160R Cap FSK B \$259,041 90/19 \$ 10.9 \$1.10 60/16 29 0 9/10/19 Krause LWilliam DR F\$160R Cap FSK B \$259,041 90/19 \$ 1.0 \$20.9 \$20.02 2.2466 114% 14.4 1 0 9/11/19 Glidatsone David CEO,DIR Glidatsone Inv GAIN B \$246,506 9(19/19 \$ 11.99 \$11.57 666.554 3% 3.3 0 0 10/11/19 Glidatsone David CEO,DIR Glidatsone Inv GAIN B \$246,506 9(19/19 \$ 8.22 \$7.79 6,226.149 9% 4.4 1 0 9/11/19 Glidatsone David CEO,DIR Glidatsone Inv GENC B \$200,007 9(11/19 \$ 1.19 \$11.57 666.554 3% 3.3 0 0 10/10/19 Glidatsone David CEO,DIR Glidatsone Inv GENC B \$200,007 9(11/19 \$ 1.19 \$11.57 666.554 3% 3.3 0 0 10/10/19 Glidatsone David CEO,DIR Glidatsone Inv GENC B \$200,007 9(11/19 \$ 1.19 \$11.57 666.554 3% 3.3 0 0 10/10/19 Glidatsone David CEO,DIR Glidatsone Inv GENC B \$200,007 9(11/19 \$ 1.19 \$11.57 666.554 3% 3.3 0 0 10/10/19 Glidatsone David Richard DR Aldeyra Therap ALDX B \$217,768 9(11/19 \$ 4.363 \$5.70 2 472,479 1% 3.2 0 0 10/10/19 Glidatsone David Richard DR Aldeyra Therap ALDX B \$217,768 9(11/19 \$ 4.363 \$5.70 2 472,479 1% 3.2 0 0 10/10/19 Glidatsone David Richard DR Aldeyra Therap ALDX B \$217,768 9(11/19 \$ 1.00 9) 11/10/19 60.00 90.00 90.00 90.00 90.00 90.00 90.00 90.00 90.00 90.00 90.00 90.00 90.00 9 | 0 9/10/19 Elloukhy Helmy CEO,DIR Guardant Health GH OB \$299,994 9/6/19 \$ 4.18 \$98.62 0 9/10/19 Talesaz Amrirall CB,DIR PRGuardant Health GH OB \$299,994 9/6/19 \$ 4.18 \$98.62 0 1 8/28/19 Crestview Part III GP BODIR WideOpen/West WOW B \$292,990 9/12/19 \$ 5.69 \$5.20 0 1 9/9/19 Doberstein Stephen K VP Nektar Therap NKTR B \$259,200 9/12/19 \$ 17.28 \$16.98 0 1 1 9/9/19 Part III GP BODIR WideOpen/West WOW B \$252,900 9/12/19 \$ 17.28 \$16.98 0 1 1 9/9/19 Part III GP BODIR WideOpen/West WOW B \$252,900 9/12/19 \$ 17.28 \$16.98 0 1 1 9/9/19 Part III GP BODIR WideOpen/West WOW B \$252,248 9/9/19 \$ 17.28 \$16.98 0 1 1 1 9/9/19 Part III GP BODIR FS KKR Cap FSK B \$250,491 9/9/19 \$ 11.87 \$10.68 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | , | |
| 0 9/10/19 Talassaz Amriali CB_DIR,PFGGuardant Health GH OB \$299,990 9/10/19 \$ 4.18 \$98.62 73,223 4936% 9.1 ● +1 8/72/19 Cevestiver Part III Gp BO_DIR WideOpen/West WOW B \$259,200 9/10/19 \$ 5.60 \$3.20 30,649,752 0% 40 € 20 € 20 € 20 € 20 € 20 € 20 € 20 € | 0 9/10/19 Talasaz Amirali CB,DIR,PFGuardant Health GH OB \$299,994 9/6/19 \$ 4.18 \$98.62 ■ 11 8/28/19 Crestview Part III GP BO,DIR WideOpenWest WOW B \$292,990 9/12/19 \$ 5.69 \$5.20 ■ 11 9/9/19 Doberstein Stephen K VP Nektar Therap NKTR B \$259,200 9/12/19 \$ 17.28 \$16.98 ■ 11 9/9/19 Doberstein Stephen K VP Nektar Therap NKTR B \$259,200 9/12/19 \$ 17.28 \$16.98 ■ 10 9/9/19 Hagan Michael J DIR FS KKR Cap FSK B \$250,491 9/9/19 \$ 11.87 \$10.68 ■ 10 9/9/19 Hagan Michael J DIR FS KKR Cap FSK B \$250,491 9/9/19 \$ 11.87 \$10.68 ■ 10 9/9/19 Litchfield Steven G O MaxLinear MXL AB \$249,864 9/9/19 \$ 2.090 \$20.62 ■ 10 9/9/19 JLitchfield Steven G O MaxLinear MXL AB \$249,864 9/9/19 \$ 2.090 \$20.62 ■ 10 9/9/19 Avarez Miguel VP Steel Dynamics STLD B \$247,238 9/6/19 \$ 2.090 \$20.62 ■ 10 9/11/19 Gladstone David CEO,DIR Gladstone hav GAIN B \$246,766 9/9/19 \$ 11.99 \$11.57 ■ 10 +0.5 8/30/19 Coliseum Cap Mgt BO,DIR Purple Innovation PRPL B \$246,766 9/9/19 \$ 11.99 \$11.57 ■ 10 +0.5 9/11/19 Kakkis Emil D CEO,DIR Ultragenyx Pharm RARE B \$218,150 9/11/19 \$ 43.63 \$57.02 ■ 12 9/11/19 Douglas Richard DIR Aldeyra Therap ALDX B \$217,768 9/12/19 \$ 5.44 \$4.98 ■ 11 9/10/19 Tanjik Kenneth CFO,VP Prudential Finl PRU B \$200,800 9/10/19 \$ 200.80 \$213.31 ■ 10 8/21/19 Baitlot Intit LP BO Roadrunner Trans RRTS B \$200,809 9/10/19 \$ 5.00.80 \$213.31 ■ 10 9/13/19 Durly Michael R PR Merchants Banc MBIN B \$200,557 9/12/19 \$ 10.73 \$8.76 ■ 11 8/11/19 Myers Franklin CB,DIR Comfort Sys USA FIX B \$199,000 9/10/19 \$ 200.80 \$213.31 ■ 11 8/11/19 Myers Franklin CB,DIR Comfort Sys USA FIX B \$199,000 9/10/19 \$ 30.00 \$30.33 \$13.00 ■ 11 8/11/19 Myers Franklin CB,DIR Comfort Sys USA FIX B \$199,000 9/10/19 \$ 30.00 \$30.33 \$10.00 \$10.10 \$10.7 | , | |
| 1 | 1 8/28/19 Crestview Part III Gp BO,DIR WideOpenWest WOW B \$292,990 9/12/19 \$ 5.69 \$5.20 1 9/9/19 Doberstein Stephen K VP Nektar Therap NKTR B \$259,200 9/5/19 \$ 17.28 \$16.98 1 9/9/19 Doberstein Stephen K VP Nektar Therap NKTR B \$259,200 9/5/19 \$ 17.28 \$16.98 1 9/9/19 Piloper LWilliam DIR Commscope COMM B \$252,549 19/9/19 \$ 11.87 \$10.68 1 9/9/19 Libchfield Steven G O MaxLinear MXL AB \$250,491 9/9/19 \$ 20.99 \$20.62 1 9/9/19 Libchfield Steven G O MaxLinear MXL AB \$249,864 9/9/19 \$ 20.99 \$20.62 1 9/9/19 Alvarez Miguel VP Steel Dynamics STLD B \$247,238 9/6/19 \$ 27.72 \$27.46 1 9/9/19 Alvarez Miguel VP Steel Dynamics STLD B \$247,238 9/6/19 \$ 27.72 \$27.46 1 9/9/19 Alvarez Miguel VP Steel Dynamics STLD B \$247,238 9/6/19 \$ 27.72 \$27.46 1 9/9/19 Scoliseum Cap Mgt BO,DIR Purple Innovation PRPL B \$246,306 9/6/19 \$ 11.99 \$11.57 1 9/0.5 8/30/19 Coliseum Cap Mgt BO,DIR Purple Innovation PRPL B \$246,306 9/6/19 \$ 8.22 \$7.99 1 9/12/19 Elliott Marc G DIR,PR Gencor Ind GENC OB \$230,670 9/11/19 \$ 43.63 \$57.02 1 9/11/19 Alvarez Miguel VP Steel Dynamics STLD B \$247,238 9/11/19 \$ 43.63 \$57.02 1 9/11/19 Douglas Richard DIR Aldeyra Therap ALDX B \$217,768 9/12/19 \$ 5.44 \$4.98 1 9/10/19 Tanji Kenneth CFO,VP Prudential Finl PRU B \$209,800 9/10/19 \$ 3.834 \$82.08 1 9/10/19 Tanji Kenneth CFO,VP Prudential Finl PRU B \$209,800 9/10/19 \$ 200.80 \$213.31 1 9/10/19 Dury Michael R PR Merchants Banc MBIN B \$200,800 9/10/19 \$ 200.80 \$213.31 1 9/10/19 Dury Michael R PR Merchants Banc MBIN B \$200,557 9/12/19 \$ 11.671 \$15.64 1 9/10/19 Myers Franklin CB,DIR Comfort Sys USA Fix B \$181,900 9/10/19 \$ 200.80 \$233.31 1 9/10/19 Myers Franklin CB,DIR Comfort Sys USA Fix B \$181,900 9/10/19 \$ 3.800 \$383.39 1 1 8/11/19 Myers Franklin CB,DIR Comfort Sys USA Fix B \$181,900 9/10/19 \$ 11.99 \$10.55 \$10.00 9/10/19 \$ 11.90 \$10.00 \$10.00 \$10.00 9/10/19 \$ 11.90 \$10.00 \$10.00 \$10.00 9/10/19 \$ 11.90 \$10.00 \$10.00 \$10.00 9/10/19 \$ 11.90 \$10.00 \$10.00 \$10.00 9/10/19 \$ 11.90 \$10.00 \$10.00 \$10.00 \$10 | | |
| +1 9/9/19 Doberstein Stephen K VP Nektar Therap NKTR B \$259,200 9/5/19 \$ 17.28 \$16.98 107,668 16% 2.9 •1 + 1 9/9/19 Doberstein Stephen K VP Nektar Therap NKTR B \$259,200 9/5/19 \$ 17.28 \$16.98 107,668 16% 2.9 •1 + 1 9/9/19 Signath Michael J DR Commiscope COMM B \$252,248 99/19 \$ 11.87 \$10.88 80.843 36% 2.0 •1 + 1 9/9/19 Litchfield Steven G O MaxLinear MDL AB \$249,864 9/9/19 \$ 20.90 \$20.62 22,466 114% 1.4 •1 + 1 9/9/19 Litchfield Steven G O MaxLinear MDL AB \$249,864 9/9/19 \$ 20.90 \$20.62 22,466 114% 1.4 •1 + 1 9/9/19 Litchfield Steven G O MaxLinear MDL AB \$249,864 9/9/19 \$ 20.90 \$20.62 22,466 114% 1.4 •1 + 1 9/9/19 Litchfield Steven G O MaxLinear MDL AB \$249,864 9/9/19 \$ 20.90 \$20.62 22,466 114% 1.4 •1 + 1 9/9/19 Litchfield Steven G O MaxLinear MDL AB \$247,268 9/9/19 \$ 27.72 \$27.46 8,220 New 5.0 •1 + 1 9/9/19 Colliseum Cap Mgt BO,DIR Purple Innovation PRPL B \$246,766 9/9/19 \$ 11.99 \$11.57 666,554 3% 33 •1 + 1 + 1 9/9/19 Colliseum Cap Mgt BO,DIR Purple Innovation PRPL B \$246,766 9/9/19 \$ 8.22 \$7.99 6.226,149 0% 4.4 •1 + 1 9/10/19 Talli Stakitis Emil D ECO,DIR Uttragenyx Pharm RAFE B \$230,670 9/11/19 \$ 4.08 57.00 472,470 1% 3.2 •1 + 2 9/11/19 Douglas Richard DIR Adeyra Therap ALDX B \$217,768 9/12/19 \$ 5.44 \$4.98 140,000 40% 1.4 •1 + 1 9/10/19 Talli Kenneth CFO,VP Prodential Fini PRU B \$200,800 9/9/19 \$ 8.08 \$213.31 3,000 50% 47.2 •1 + 2 9/11/19 Diditt that LP BO Roadrunner Trans RRTS B \$208,800 9/9/19 \$ 10.73 \$8.76 46,420.538 0% 33 •0 8/21/19 Dattio Thomas A DIR Litarris Tech LHX B \$200,800 9/9/19 \$ 10.73 \$8.76 46,420.538 0% 32 •0 9/9/19 Torgow Gary DR DTE Emergy Co DTE B \$199,733 9/5/19 \$ 10.99 \$13.03 \$2.557 154% 28.8 •0 9/9/19 Torgow Gary DR DTE Emergy Co DTE B \$199,733 9/5/19 \$ 10.99 \$13.03 \$2.557 154% 28.8 •0 9/9/19 Torgow Gary DR DTE Emergy Co DTE B \$199,000 9/9/19 \$ 0.09 \$17.10 275,215 8% 2.9 •1 0 8/22/19 Bonney Michael W DR Sarepta Therap RPT B \$118,000 9/9/19 \$ 0.09 \$17.10 275,215 8% 2.9 •1 0 8/22/19 Bonney Michael W DR Sarepta Therap RPT B \$118,000 9/9/19 \$ 0.09 \$17.10 | +1 99/19 Doberstein Stephen K VP Nektar Therap NKTR B \$259,200 9/5/19 \$ 17.28 \$16,98 0 +0.5 9/10/19 Krause L William DIR Commscope COMM B \$252,248 9/9/19 \$ 11.67 \$ 11.67 \$ 11.68 0 9/9/19 Hagan Michael J DIR FS KKR Cap FSK B \$250,491 9/9/19 \$ 20.90 \$ 20.62 0 9/9/19 Hagan Michael J DIR FS KKR Cap FSK B \$ 250,491 9/9/19 \$ 20.90 \$ 20.62 0 9/9/19 Hagan Michael J DIR FS KRR Cap FSK B \$ 250,491 9/9/19 \$ 20.90 \$ 20.00 \$ 20. | | |
| 1.0 | 0. | | |
| 0 99/19 Hagan Michael J DIR FS KKR Cap FSK B \$250.491 9/9/19 \$ 5.95 \$5.78 112,100 60% 2.9 0 99/19 Librifield Steven G O Maxilmear MML AB \$249.864 9/9/19 \$ 2.900 \$20.62 22.466 114% 1.4 1.4 | 0 | | |
| 0 9/9/19 Litchfield Steven G O MaxLinear MXL AB \$249,864 9/9/19 \$ 20.90 \$20.62 22.466 114% 1.4 0 +0 9/9/19 Navarez Miguel VP Steel Dynamics STLD B \$247,238 9/6/19 \$ 27.72 \$27.46 8.9.20 New 6.0 9/9/19 \$1199 \$11.57 866.554 3% 3 1 +0.5 9/11/19 Claistone David CEO,DIR Cliadatione Inv CaN B \$246,736 9/9/19 \$11.99 \$11.57 866.554 3% 3 1 +0.5 8/30/19 Colliseum Cap Mgt BO,DIR Purple Innovation PRPL B \$246,306 9/6/19 \$ 8.22 \$7.99 6,226,149 0% 4 1 +0.5 9/11/19 Marc G DIR, R Genoor Ind GENC OB \$230,670 9/11/19 \$ 5.13 \$11.30 469,922 11% 1 1 +0.5 9/11/19 Shediss Emil D CEO,DIR Ultragenyx Pharm RARE B \$218,150 9/11/19 \$ 43,53 \$57.02 472,479 1% 3 1 +0.5 9/11/19 Clouglas Richard DIR Addays Therap ALDX B \$217,768 9/12/19 \$ 5.44 \$4.98 140,000 40% 1 1 9/10/19 Tanji Kenneth CFO,VP Prudential Fini PRU B \$209,600 9/9/19 \$ 8.82 \$8.76 \$4.90 \$1.00 40% 1 1 9/10/19 Tanji Kenneth CFO,VP Prudential Fini PRU B \$209,600 9/9/19 \$ 8.87 \$46,420,538 0% 32.9 0 8/21/19 Datitio Thomas A DIR L3Harris Tech LHX B \$200,809 9/12/19 \$ 10.73 \$8.76 \$46,420,538 0% 32.9 0 9/13/19 Dury Michael R PR Merchants Banc MBN B \$200,809 9/12/19 \$ 10.73 \$8.76 \$46,420,538 0% 32.9 0 9/13/19 Dury Michael R PR Merchants Banc MBN B \$200,809 9/12/19 \$ 10.73 \$8.76 \$46,420,538 0% 32.9 0 9/13/19 Myres Franklin CB,DIR Comfort Sye USA FIX B \$199,233 9/11/19 \$ 20.80 \$213.31 3,000 50% 47.2 0 9/13/19 Myres Franklin CB,DIR Comfort Sye USA FIX B \$199,000 9/6/19 \$ 3.80 \$38.39 255,000 2% 1.4 1 4/10/19 Morris David Richard VP R8B Banc R8B OB \$191,239 9/11/19 \$ 9.29 \$18.39 33,364 16/1% 3 0 9/13/19 Myres Franklin CB,DIR Comfort Sye USA FIX B \$199,000 9/6/19 \$ 3.80 \$38.39 255,000 2% 1.4 1 4/10/19 Morris David Richard VP R8B Banc R8B OB \$191,239 9/11/19 \$ 9.29 \$18.39 33,364 16/1% 3 0 9/13/19 Myres Franklin CB,DIR Comfort Sye USA FIX B \$190,000 9/6/19 \$ 3.80 \$38.39 255,000 2% 1.4 1 4/10/19 Morris David Richard VP R8B Banc R8B OB \$191,239 9/11/19 \$ 9.29 \$18.39 33,364 16/1% 3 0 9/13/19 Myres Franklin CB,DIR Naver Park Park Park Park Park Park Park Par | 0 9/9/19 Litchfield Steven G O MaxLinear MXL AB \$249,864 9/9/19 \$ 20.90 \$20.62 0 9/9/19 Alvarez Miguel VP Steel Dynamics STLD B \$247,238 9/6/19 \$ 27.72 \$27.46 0 +0 9/11/19 Gladstone David CEO,DIR Gladstone Inv GAIN B \$246,506 9/6/19 \$ 27.72 \$27.46 0 +0.5 8/30/19 Coliseum Cap Mgt BO,DIR Purple Innovation PRPL B \$246,306 9/6/19 \$ 8.22 \$7.99 0 +0.5 8/30/19 Coliseum Cap Mgt BO,DIR Purple Innovation PRPL B \$246,306 9/6/19 \$ 8.22 \$7.99 0 +0.5 9/11/19 Sakkis Emil D CEO,DIR Utragenyx Pharm RARE B \$218,150 9/11/19 \$ 43.63 \$57.02 0 +0.5 9/11/19 Sakkis Emil D CEO,DIR Utragenyx Pharm RARE B \$218,150 9/11/19 \$ 43.63 \$57.02 0 +2 9/11/19 Douglas Richard DIR Aldeyra Therap ALDX B \$217,768 9/11/19 \$ 43.63 \$57.02 0 +2 9/11/19 Douglas Richard DIR Aldeyra Therap ALDX B \$217,768 9/11/19 \$ 43.63 \$57.02 0 +0.5 9/12/19 Eilliott Intil LP BO Roadrunner Trans RRTS B \$209,800 9/9/19 \$ 83.84 \$82.08 0 +0.5 9/12/19 Dattilo Thomas A DIR L3Harris Tech LLX B \$209,800 9/10/19 \$ 200.80 \$213.31 0 +0 9/13/19 Dury Michael R PR Merchants Banc MBIN B \$200,557 9/12/19 \$ 16.71 \$15.64 0 9/9/19 Torgow Gary DIR DTE Energy Co DTE B \$199,733 9/5/19 \$ 129.95 \$13.02 0 9/11/19 Myers Franklin CB,DIR Comfort Sys USA FIX B \$190,000 9/9/19 \$ 30.09 \$32.33 0 +1 8/1/19 Myers Franklin CB,DIR Comfort Sys USA FIX B \$190,000 9/9/19 \$ 30.09 \$17.10 0 +1 8/1/19 Myers Franklin CB,DIR Comfort Sys USA FIX B \$190,000 9/9/19 \$ 30.79 \$0.58 0 9/31/19 Mazza Larry F CEO,DIR MVB Finl MVBF DB \$113,480 9/9/19 \$ 0.79 \$0.58 0 8/22/19 Bonney Michael W DIR Sarepta Therap SRPT B \$173,480 9/9/19 \$ 0.79 \$0.58 0 8/30/19 Francis Philip L DIR Althome HOME B \$166,503 9/9/19 \$ 16.84 \$18.60 0 9/11/19 Backse Peter R DIR Althome HOME B \$161,609 9/1/19 \$ 26.59 \$20.57 \$27.49 0 8/30/19 Glenview Cap Mgt BD IR Althome HOME B \$161,609 9/9/19 \$ 16.84 \$16.64 0 9/11/19 Backse Peter R DIR Citi Trends CTRN B \$151,600 9/9/19 \$ 19.65 \$21.18 0 9/13/19 Francis Philip L DIR Althome HOME B \$161,603 9/9/19 \$ 16.84 \$16.64 0 9/13/19 Fleishman Stanley DIR Consolt Res LP CCR B | | |
| No. 10 19/11/9 Navarez Miguel VP Steel Dynamics STLD B \$247,238 9/6/19 \$27.72 \$27.46 8.920 New 6.00 New 10 10 11 15 15 15 15 15 | +0 9/9/19 Alvarez Miguel VP Steel Dynamics STLD B \$247,238 9/6/19 \$27.72 \$27.46 +0 9/11/19 Gladstone David CEC,DIR Gladstone Inv GAIN B \$246,766 9/9/19 \$11.99 \$11.57 +0.5 8/30/19 Coliseum Cap Mgt BO,DIR Purple Innovation PRPL B \$246,766 9/9/19 \$11.99 \$11.57 +0.5 9/12/19 Elilott Marc G DIR,PR Gencor Ind GENC OB \$230,670 9/11/19 \$.5.13 \$11.30 +0.5 9/11/19 Kakkis Emil D CEO,DIR Utragenyx Pharm RARE B \$218,150 9/11/19 \$43.63 \$57.02 +2 9/11/19 Douglas Richard DIR Aldeyra Therap ALDX B \$217,768 9/12/19 \$5.44 \$4.98 +1 9/10/19 Tanji Kenneth CFO,VP Prudential Finl PRU B \$209,600 9/9/19 \$ 5.44 \$4.98 +1 9/10/19 Datillo Thomas A DIR Aldeyra Therap ALDX B \$220,600 9/9/19 \$ 5.44 \$4.98 +1 9/10/19 Datillo Thomas A DIR L3Harris Tech LHX B \$200,800 9/10/19 \$200.80 \$213.31 +0 9/13/19 Dury Michael R PR Merchants Banc MBIN B \$200,505 9/12/19 \$10.73 \$8.76 -0 9/13/19 Dury Michael R PR Merchants Banc MBIN B \$200,507 9/12/19 \$10.73 \$8.76 -0 9/11/19 Torgow Gary DIR DTE Energy Co DTE B \$199,733 9/5/19 \$19.29 \$18.39 +1 8/1/19 Myers Franklin CB,DIR Comfort Sys USA FIX B \$191,203 9/11/19 \$9.29 \$18.39 +1 8/1/19 Myers Franklin CB,DIR Comfort Sys USA FIX B \$191,203 9/11/19 \$9.29 \$18.39 +1 8/1/19 Myers Franklin CB,DIR Comfort Sys USA FIX B \$191,203 9/11/19 \$9.09 \$17.10 +1 8/16/19 Armerich Anthony L DIR Vapotherm VAPO B \$181,800 9/9/19 \$0.79 \$0.58 -1 8/15/19 Bonney Michael W DIR Sarepta Therap SRPT B \$173,480 9/9/19 \$0.79 \$0.58 -1 8/15/19 Horizon Kinetics Asset IBO Texas Pacific Land Tr TPL JB*B \$161,400 9/12/19 \$10.55 \$21.18 -1 8/15/19 Albrecht William E DIR Albome HOME B \$161,500 9/12/19 \$10.55 \$21.18 -1 8/15/19 Binney Michael W DIR Sarepta Therap SRPT B \$161,819 9/10/19 \$0.25 \$7 \$27.49 -1 8/15/19 Binney Michael W DIR Sarepta Therap SRPT B \$161,819 9/10/19 \$0.95 \$17.10 -1 8/15/19 Binney Michael W DIR Sarepta Therap SRPT B \$161,819 9/10/19 \$0.95 \$17.10 -1 8/15/19 Binney Michael W DIR Sarepta Therap SRPT B \$161,819 9/10/19 \$0.95 \$17.10 -1 8/15/19 Binney Michael W DIR Sarepta Therap SRPT B \$161,819 9 | , | |
| 0 | +0 9/11/19 Giadstone David CEO,DIR Giadstone Inv GAIN B \$246,766 9/9/19 \$11.99 \$11.57 +0.5 8/30/19 Coliseum Cap Mgt BO,DIR Purple Innovation PRPL B \$246,306 9/6/19 \$8.22 \$7.99 +0 9/12/19 Elliott Marc G DIR,PR Gencor Ind GENC OB \$230,670 9/11/19 \$5.13 \$11.30 +0.5 9/11/19 Kakkis Emil D CEO,DIR Ultragenyx Pharm RARE B \$218,150 9/11/19 \$5.44 \$4.98 +0.5 9/11/19 Douglas Richard DIR Aldeyra Therap ALDX B \$217,768 9/12/19 \$5.44 \$4.98 +1 9/10/19 Tanji Kenneth CFO,VP Prudential Finl PRU B \$209,600 9/9/19 \$83.84 \$82.08 +0.5 9/12/19 Elliott Intl LP BO Roadrunner Trans RRTS B \$200,809 9/12/19 \$10.73 \$87.60 +0.5 9/12/19 Elliott Intl LP BO Roadrunner Trans RRTS B \$200,809 9/12/19 \$10.73 \$87.60 +0.5 9/12/19 Dutyl Michael R PR Merchants Banc MBIN B \$200,557 9/12/19 \$16.71 \$15.64 +0 9/13/19 Dury Michael R PR Merchants Banc MBIN B \$200,557 9/12/19 \$16.71 \$15.64 -0 9/9/19 Torgow Gary DIR DTE Energy Co DTE B \$199,733 9/5/19 \$129.95 \$130.25 -0 9/9/19 Morris David Richard VP RBB Banc RBB OB \$191,293 9/11/19 \$9.29 \$18.39 +1 8/11/19 Myers Franklin CB,DIR Comfort Sys USA FIX B \$190,000 9/6/19 \$38.00 \$38.39 +1 8/11/19 Myers Franklin CB,DIR Comfort Sys USA FIX B \$190,000 9/6/19 \$0.09 \$17.10 +1 8/6/19 Americh Anthony L DIR Vapotherm VAPO B \$181,800 9/9/19 \$0.99 \$17.10 +1 8/6/19 Americh Anthony L DIR Vapotherm VAPO B \$181,800 9/9/19 \$0.79 \$0.58 +0 8/15/19 Bonney Michael W DIR Sarepta Therap SRPT B \$173,564 9/11/19 \$6.68 \$12.85 -0 8/32/19 Bonney Michael W DIR Sarepta Therap SRPT B \$173,564 9/11/19 \$0.79 \$0.58 +0 8/15/19 Horizon Kinetics Asset IBO Texas Pacific Land Tr TPL JB*,B \$166,603 9/9/19 \$0.79 \$0.58 +0 8/15/19 Bonney Michael W DIR Sarepta Therap SRPT B \$163,600 9/9/19 \$0.79 \$0.58 +0 8/15/19 Bonney Michael W DIR Sarepta Therap SRPT B \$173,480 9/9/19 \$0.79 \$0.58 +0 8/15/19 Bonney Michael W DIR Sarepta Therap SRPT B \$173,480 9/9/19 \$0.79 \$0.58 \$18.67 \$0.59 \$18.67 \$0.59 \$1.00 \$0.79 \$1.00 \$0.70 \$0.70 \$0.70 \$0.70 \$0.70 \$0.70 \$0.70 \$0.70 \$0.70 \$0.70 \$0.70 \$0.70 \$0.70 \$0.70 \$0.70 \$0.70 \$0.70 \$0.70 \$0. | | |
| 0 | +0.5 8/30/19 Coliseum Cap Mgt BO, DIR Purple Innovation PRPL B \$246,306 9/6/19 \$ 8.22 \$7.99 +0 9/12/19 Elliott Marc G DIR, PR Gencor Ind GENC OB \$230,670 9/11/19 \$ 5.13 \$11.30 +0.5 9/11/19 Kakkis Emil D CEO, DIR Ultragenyx Pharm RARE B \$218,150 9/11/19 \$ 43.63 \$57.02 •1 9/11/19 Douglas Richard DIR Aldeyra Therap ALDX B \$211,750 9/11/19 \$ 43.63 \$57.02 •1 9/11/19 Douglas Richard DIR Aldeyra Therap ALDX B \$211,750 9/11/19 \$ 5.44 \$4.98 +1 9/10/19 Tanji Kenneth CFO, VP Prudential Finl PRU B \$209,600 9/9/19 \$ 5.44 \$4.98 +1 9/10/19 Tanji Kenneth CFO, VP Prudential Finl PRU B \$209,600 9/9/19 \$ 10.73 \$8.76 0 8/21/19 Dattilo Thomas A DIR L3Harris Tech LHX B \$200,800 9/10/19 \$10.73 \$8.76 0 8/21/19 Dattilo Thomas A DIR L3Harris Tech LHX B \$200,800 9/10/19 \$200.80 \$213.31 +0 9/13/19 Dury Michael R PR Merchants Banc MBIN B \$200,557 9/12/19 \$ 16.71 \$15.64 0 9/9/19 Torgow Gary DIR DTE Energy CO DTE B \$199,733 9/5/19 \$129.95 \$130.25 0 9/11/19 Morris David Richard VP RBB Banc RBB OB \$191,293 9/11/19 \$ 129.95 \$130.25 0 9/11/19 Myers Franklin CB, DIR Comfort Sys USA FIX B \$190,000 9/6/19 \$ 38.00 \$38.39 +1 8/1/19 Myers Franklin CB, DIR Comfort Sys USA FIX B \$190,000 9/6/19 \$ 38.00 \$38.39 +2 8/28/19 Payne Lisa A DIR JC Penney JCP B \$181,800 9/9/19 \$ 0.79 \$0.58 +0.5 7/31/19 Mazza Larry F CEO, DIR MVB Finl MVBF OB \$181,800 9/9/19 \$ 9.09 \$17.10 +1 8/6/19 Arnerich Anthony L DIR Vapotherm VAPO B \$173,480 9/9/19 \$ 86.74 \$95.07 +3 9/9/19 Francis Philip L DIR At Home HOME B \$165,603 9/9/19 \$ 672.53 \$660.15 +0 8/15/19 Horizon Kinetics Asset IBO Texas Pacific Land Tr TPL JB*,8 \$164,769 9/12/19 \$ 672.53 \$660.15 +0 8/15/19 Horizon Kinetics Asset IBO Texas Pacific Land Tr TPL JB*,8 \$164,769 9/12/19 \$ 672.53 \$660.15 +0 8/15/19 Horizon Kinetics Asset IBO Texas Pacific Land Tr TPL JB*,8 \$164,769 9/12/19 \$ 672.53 \$660.15 +0 8/15/19 Horizon Kinetics Asset IBO Texas Pacific Land Tr TPL JB*,8 \$164,769 9/12/19 \$ 672.53 \$660.15 +0 8/15/19 Horizon Kinetics Asset IBO Texas Pacific Land Tr TPL JB*,8 \$164,769 9/12/19 \$ 672.53 \$660.15 | | |
| O 9/12/19 Elliott Marc G DIR,PR Gencor Ind O CEO,DR Ultragenyx Pharm RARE B \$230,670 9/11/19 \$ 5.13 \$11.30 469,922 11% 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | +0 9/12/19 Elliott Marc G DIR,PR Gencor Ind GENC OB \$230,670 9/11/19 \$ 5.13 \$11.30 € +0.5 9/11/19 Elliott Marc G DIR, PR Gencor Ind GENC OB \$230,670 9/11/19 \$ 5.13 \$11.30 € +0.5 9/11/19 Douglas Richard DIR Aldeyra Therap ALDX B \$218,150 9/11/19 \$ 43.63 \$57.02 € € 9/11/19 Douglas Richard DIR Aldeyra Therap ALDX B \$217,768 9/12/19 \$ 5.44 \$4.98 € 11 9/10/19 Tanji Kenneth CFO,VP Prudential Finl PRU B \$209,600 9/9/19 \$ 83.84 \$82.08 € 11 9/10/19 Tanji Kenneth CFO,VP Prudential Finl PRU B \$209,600 9/9/19 \$ 83.84 \$82.08 € 10.5 9/12/19 Elliott Inti LP BO Roadrunner Trans RRTS B \$208,059 9/12/19 \$ 10.73 \$8.76 € 10 8/21/19 Dattilo Thomas A DIR L3Harris Tech LHX B \$200,800 9/10/19 \$ 200.80 \$213.31 € 10 9/9/19 Dry Michael R PR Merchants Banc MBIN B \$200,557 9/12/19 \$ 16.71 \$15.64 € 10 9/9/19 Torgow Gary DIR DTE Energy Co DTE B \$199,733 9/5/19 \$ 129.95 \$130.25 € 10 9/11/19 Morris David Richard VP RBB Banc RBB OB \$191,293 9/11/19 \$ 9.29 \$18.39 € 11 8/10/19 Myers Franklin CB,DIR Comfort Sys USA FIX B \$190,000 9/6/19 \$ 38.00 \$38.39 € 12 8/28/19 Payne Lisa A DIR JC Penney JCP B \$181,930 9/6/19 \$ 0.79 \$0.58 € 10.5 7/31/19 Mazza Larry F CEO,DIR MVBF inl MVBF OB \$181,800 9/9/19 \$ 9.09 \$17.10 € 11 8/6/19 Armerich Anthony L DIR Vapotherm VAPO B \$173,564 9/11/19 \$ 8.68 \$12.85 € 10 8/22/19 Bonney Michael W DIR Sarepta Therap SRPT B \$173,480 9/9/19 \$ 8.672.53 \$660.15 € 12 8/14/19 Dencoyer Mary Beth HR Keurig Dr Pepper KDP B \$181,819 9/10/19 \$ 26.97 \$27.49 € 10 8/30/19 Glenview Cap Mgt BO Tenat Healthcare THC B \$166,030 9/10/19 \$ 26.97 \$27.49 € 10.5 9/12/19 Albrecht William E DIR Halliburton HAL B \$151,560 9/9/19 \$ 10.68 \$16.84 \$16.94 € 10.5 9/12/19 Bonnos Steven N BO,CB Qualstar QBAK B \$140,028 9/10/19 \$ 10.68 \$11.80 € 10.91/19 \$ 10.93 \$11.86 \$11.00 € 10.91/19 \$ 10.95 \$11.80 € 10.91/19 \$ 10.95 \$11.80 € 10.91/19 \$ 10.95 \$11.80 € 10.91/19 \$ 10.95 \$11.80 € 10.91/19 \$ 10.95 \$11.80 € 10.91/19 \$ 10.95 \$11.80 € 10.91/19 \$ 10.95 \$11.80 € 10.91/19 \$ 10.95 \$11.80 € 10.91/19 \$ 10.95 \$11.80 € 10.91/19 \$ 10.95 \$11.80 € 10.91/19 \$ 10.95 \$11.80 € 10. | | |
| 0.5 9/11/19 Kakkis Emil D CEO,DIR Utragenyx Pharm RARE B \$218,150 9/11/19 \$43.63 \$57.02 472,479 11/9 \$43.63 \$47.04 \$47.000 | +0.5 9/11/19 Kakkis Emil D CEO,DIR Ultragenyx Pharm RARE B \$218,150 9/11/19 \$ 43.63 \$57.02 +2 9/11/19 Douglas Richard DIR Aldeyra Therap ALDX B \$217,768 9/12/19 \$ 5.44 \$4.98 +1 9/10/19 Tanji Kenneth CFO,VP Prudential Finl PRU B \$209,600 9/9/19 \$ 83.84 \$82.08 +0.5 9/12/19 Elliot Intil LP BO Roadrunner Trans RRTS B \$208,059 9/12/19 \$ 10.73 \$8.76 0 8/21/19 Dattilo Thomas A DIR L3Harris Tech LHX B \$200,805 9/12/19 \$ 10.73 \$8.76 0 9/3/19 Dury Michael R PR Merchants Banc MBIN B \$200,557 9/12/19 \$ 16.71 \$15.64 0 9/9/19 Torgow Gary DIR DTE Energy Co DTE B \$199,733 9/5/19 \$ 129.95 \$130.25 0 9/11/19 Myers Franklin CB,DIR Comfort Sys USA FIX B \$190,000 9/6/19 \$ 38.00 \$38.39 +1 8/11/19 Myers Franklin CB,DIR Comfort Sys USA FIX B \$190,000 9/6/19 \$ 0.79 \$0.58 +2 8/28/19 Payne Lisa A DIR J C Penney JCP B \$181,800 9/9/19 \$ 9.09 \$17.10 +1 8/6/19 Arnerich Anthony L DIR Vapotherm VAPO B \$173,564 9/11/19 \$ 8.68 \$12.85 0 8/22/19 Bonney Michael W DIR Sarepta Therap SRPT B \$173,480 9/9/19 \$ 0.79 \$0.55 +2 8/19/19 Horizon Kinetics Asset IBO Texas Pacific Land Tr TPL JB*,B \$164,769 9/12/19 \$ 672.53 \$660.15 +2 8/19/19 Horizon Kinetics Asset IBO Texas Pacific Land Tr TPL JB*,B \$164,769 9/12/19 \$ 672.53 \$660.15 +3 8/30/19 Glenview Cap Mgt BO Tenet Healthcare THC B \$163,009 9/6/19 \$ 19.35 \$18.67 0 9/11/19 Sachse Peter R DIR Citi Trends CTRN B \$151,560 9/9/19 \$ 19.95 \$18.67 0 9/11/19 Bailey Sallie B DIR L3Harris Tech LHX B \$140,009 9/0/19 \$ 9.90 \$2.74 0 9/3/19 Peterson Adam K BO,DIR Nicholas Finl NICK B \$140,025 9/9/19 \$ 10.84 \$16.94 0 9/3/19 Peterson Adam K BO,DIR Nicholas Finl NICK B \$140,025 9/9/19 \$ 10.85 0 9/3/19 Bailey Sallie B DIR CHIBITOTO HAL B \$129,320 9/11/19 \$ 64.66 \$81.10 0 9/3/19 Peterson Adam K BO,DIR CONSOL Coal Res LP CCR B \$129,050 9/6/19 \$ 13.16 \$13.16<!--</td--><td></td><td></td> | | |
| +2 9/11/19 Douglas Richard DIR Aldeyra Therap ALDX B \$217,768 9/12/19 \$ 5.44 \$4.98 140,000 40% 1 | +2 9/11/19 Douglas Richard DIR Aldeyra Therap ALDX B \$217,768 9/12/19 \$ 5.44 \$4.98 +1 9/10/19 Tanji Kenneth CFO,VP Prudential Finl PRU B \$209,600 9/9/19 \$ 83.84 \$82.08 +1 9/10/19 Tanji Kenneth CFO,VP Prudential Finl PRU B \$209,600 9/9/19 \$ 83.84 \$82.08 +1 9/10/19 Tanji Kenneth CFO,VP Prudential Finl PRU B \$209,600 9/19/19 \$ 10.73 \$8.76 0 8/21/19 Dattili Thomas A DIR L3Harris Tech LHX B \$200,800 9/10/19 \$ 200.80 \$213.31 +0 9/13/19 Dury Michael R PR Merchants Banc MBIN B \$200,557 9/12/19 \$ 10.73 \$8.76 0 9/9/19 Torgow Gary DIR DTE Energy Co DTE B \$199,733 9/5/19 \$ 129.95 \$130.25 0 9/11/19 Morris David Richard VP RBB Banc RBB OB \$191,293 9/11/19 \$ 9.29 \$18.39 •1 8/11/19 Myers Franklin CB,DIR Comfort Sys USA FIX B \$190,000 9/6/19 \$ 38.00 \$38.39 •1 8/28/19 Payne Lisa A DIR J C Penney JCP B \$181,930 9/6/19 \$ 0.79 \$0.58 •1 8/28/19 Payne Lisa A DIR J C Penney JCP B \$181,930 9/6/19 \$ 0.79 \$0.58 •1 8/6/19 Arnerich Anthony L DIR Vapotherm VAPO B \$181,800 9/9/19 \$ 0.99 \$17.10 •1 8/6/19 Arnerich Anthony L DIR Vapotherm VAPO B \$173,564 9/11/19 \$ 8.68 \$12.85 0 8/22/19 Bonney Michael W DIR Sarepta Therap SRPT B \$173,480 9/9/19 \$ 7.84 \$6.57 •1 8/14/19 Denoyer Mary Beth HR Keurig Dr Pepper KDP B \$164,769 9/12/19 \$ 672.53 \$660.15 •1 8/30/19 Glenview Cap Mgt BO Tenet Healthcare THC B \$160,309 9/6/19 \$ 19.55 \$21.18 •1 9/11/19 Sachse Peter R DIR Citi Trends CTRN B \$151,560 9/9/19 \$ 10.54 \$16.94 •1 9/11/19 Sachse Peter R DIR Citi Trends CTRN B \$151,560 9/9/19 \$ 10.54 \$16.94 •1 9/10/19 Baichey Salie B DIR L3Harris Tech LHX B \$140,000 9/10/19 \$ 20.00 \$23.31 •1 9/10/19 Fielshman Stanley DIR ONISC Coll Res LP CCR B \$129,051 9/6/19 \$ 13.16 \$13.16 •1 9/10/19 Mastandrea James C CB,CEO Whitestone Reit WSR B \$126,400 9/6/19 \$ 12.64 \$12.63 | | |
| +1 9/10/19 Tanji Kenneth CFO,VP Prudential Fini PRU B \$209,600 9/9/19 \$ 83.84 \$82.08 19.285 15% 32.9 +0.5 9/12/19 Elliott Intl LP BO Roadrunrer Trans RRTS B \$208,059 9/12/19 \$ 10.73 \$8.76 46,420,539 0% 3 -0.8 8/21/19 Dattilo Thomas A DIR L3Harris Tech LHX B \$200,059 9/12/19 \$ 10.73 \$8.76 46,420,539 0% 3 -0.8 8/21/19 Dattilo Thomas A DIR L3Harris Tech LHX B \$200,050 9/12/19 \$ 10.73 \$8.76 46,420,539 0% 3 -0.8 9/13/19 Dury Michael R PR Merchants Banc MBIN B \$200,050 9/10/19 \$ 200.08 \$213.31 3,000 50% 47,2 -0.9 9/13/19 Dury Michael R PR Merchants Banc MBIN B \$200,057 9/12/19 \$ 16.71 \$15.64 50,676 31% 47,2 -0.9 9/9/19 Torgow Gary DIR DTE Energy Co DTE B \$199,733 9/5/19 \$ 129.95 \$130.25 2,537 154% 23.8 -0.9 9/11/19 Morris David Richard VP RBB Banc RBB OB \$191,293 9/11/19 \$ 9.29 \$18.39 33,384 161% 3 -0.9 1/11/19 Morris David Richard VP RBB Banc RBB OB \$191,293 9/11/19 \$ 9.29 \$18.39 33,384 161% 3 -0.9 1/11/19 Morris David Richard VP RBB Banc RBB OB \$191,293 9/11/19 \$ 9.09 \$18.39 255,000 2% 14.8 -1.8 8/12/19 Payne Lisa A DIR JC Penney JCP B \$181,930 9/6/19 \$ 0.79 \$0.58 \$177,890 80% 1 -1.8 8/28/19 Payne Lisa A DIR JC Penney JCP B \$181,930 9/6/19 \$ 0.79 \$0.58 \$177,890 80% 1 -1.0 \$1/31/19 Mazza Larry F CEO,DIR MVB Finl MVBF OB \$181,800 9/9/19 \$ 9.09 \$17.10 275,215 8% 2 -1.1 8/6/19 Americh Anthony L DIR Vapotherm VAPO B \$173,564 9/11/19 \$ 8.68 \$12.85 30,000 200% 2 -1.1 8/6/19 Americh Anthony L DIR Vapotherm VAPO B \$173,564 9/11/19 \$ 8.67.2 \$3 \$660.15 1,506,340 0% 5.1 -1.1 9/13/19 Bonney Michael W DIR Sarepta Therap SRPT B \$173,480 9/9/19 \$ 8.67.4 \$95.07 7,051 40% 7.0 -1.2 9/13/19 Bonney Michael W DIR Sarepta Therap SRPT B \$173,480 9/9/19 \$ 8.67.4 \$95.07 7,051 40% 7.0 -1.2 9/13/19 Bonney Michael W DIR Sarepta Therap SRPT B \$173,480 9/9/19 \$ 8.67.4 \$95.07 7,051 40% 7.0 -1.2 9/13/19 Bonney Michael W DIR Sarepta Therap SRPT B \$173,480 9/9/19 \$ 8.67.4 \$95.07 7,051 40% 7.0 -1.2 9/13/19 Bonney Michael W DIR Sarepta Therap SRPT B \$173,480 9/9/19 \$ 8.67.4 \$95.07 7,051 40% 7.0 -1.2 9/13/19 Bonn | +1 9/10/19 Tanji Kenneth CFO,VP Prudential Finl PRU B \$209,600 9/9/19 \$83.84 \$82.08 +0.5 9/12/19 Elliott Intl LP BO Roadrunner Trans RRTS B \$208,059 9/12/19 \$10.73 \$8.76 0 8/21/19 Dattilo Thomas A DIR L3Harris Tech LHX B \$200,800 9/10/19 \$200.80 \$213.31 +0 9/13/19 Dury Michael R PR Merchants Banc MBIN B \$200,557 9/12/19 \$16.71 \$15.64 0 9/9/19 Torgow Gary DIR DTE Energy CO DTE B \$199,773 9/5/19 \$129.95 \$130.25 0 9/11/19 Morris David Richard VP RBB Banc RBB OB \$191,293 9/11/19 \$9.29 \$18.39 +1 8/1/19 Myers Franklin C8,DIR Comfort Sys USA FIX B \$190,000 9/6/19 \$38.00 \$38.39 +1 8/1/19 Myers Franklin C8,DIR Comfort Sys USA FIX B \$190,000 9/6/19 \$38.00 \$38.39 +1 8/28/19 Payne Lisa A DIR J C Penney JCP B \$181,800 9/9/19 \$0.79 \$0.58 +1. 8/6/19 Arnerich Anthony L DIR Vapotherm VAPO B \$181,800 9/9/19 \$0.99 \$17.10 +1 8/6/19 Arnerich Anthony L DIR Vapotherm VAPO B \$173,564 9/11/19 \$8.68 \$12.85 0 8/22/19 Bonney Michael W DIR Sarepta Therap SRPT B \$173,480 9/9/19 \$8.74 \$95.07 +3 9/9/19 Francis Philip L DIR At Home HOME B \$165,603 9/9/19 \$7.84 \$6.57 +0 8/15/19 Horizon Kinetics Asset IBO Texas Pacific Land Tr TPL JB*B \$164,769 9/12/19 \$672.53 \$660.15 +2 8/14/19 Denooyer Mary Beth HR Keurig Dr Pepper KDP B \$161,819 9/10/19 \$2.697 \$27.49 0 8/30/19 Glenview Cap Mgt BO Tenet Healthcare THC B \$160,309 9/6/19 \$19.35 \$18.67 0 9/11/19 Sachas Peter R DIR Citi Trends CTRN B \$151,560 9/9/19 \$19.35 \$18.67 0 9/11/19 Bailey Sallie B DIR L3Harris Tech LHX B \$140,000 9/10/19 \$2.00.00 \$213.31 0 9/13/19 Fleishman Stanley DIR Ollies Bargain Outlet OLLI B \$129,320 9/11/19 \$64.66 \$81.10 +0 8/29/19 Consol Energy BO,DIR CONSOL Coal Res LP CCR B \$129,051 9/6/19 \$13.16 \$13.16 +0 9/10/19 Mastandrea James C CB,CEO Whitestone Reit WSR B \$126,640 9/6/19 \$12.64 \$12.63 | | |
| 0 9/12/19 Elliott Intl LP BO Roadrunner Trans RRTS B \$208,059 9/12/19 \$10.73 \$8.76 46,420,538 0% 3 0 8/21/19 Datrilo Thomas A DIR L3Harris Tech LHX B \$200,050 9/10/19 \$20.80 \$213.31 3,000 50% 47,2 0 9/13/19 Dury Michael R PR Merchants Banc MBIN B \$200,557 9/12/19 \$16.71 \$15.64 50,676 31% 4 0 9/13/19 Dury Michael R PR Merchants Banc MBIN B \$200,557 9/12/19 \$16.71 \$15.64 50,676 31% 4 0 9/13/19 Dury Michael R PR Merchants Banc MBIN B \$200,557 9/12/19 \$10.73 \$15.64 50,676 31% 4 0 9/13/19 Dury Michael R PR Merchants Banc MBIN B \$200,557 9/12/19 \$10.73 \$15.64 50,676 31% 4 0 9/13/19 Dury Michael R PR Merchants Banc RBB OB \$191,293 9/11/19 \$ 9.29 \$18.33 33,364 161% 3 9 0 9/11/19 Morris David Richard VP RBB Banc RBB OB \$191,293 9/11/19 \$ 9.29 \$18.33 33,364 161% 3 0 9/11/19 \$10.79 \$10.70 \$10 | +0.5 9/12/19 Elliott Intit LP BO Roadrunner Trans RRTS B \$208,059 9/12/19 \$ 10.73 \$8.76 0 8/21/19 Dattilo Thomas A DIR L3Harris Tech LHX B \$200,800 9/10/19 \$ 200.80 \$213.31 +0 9/13/19 Dury Michael R PR Merchants Banc MBIN B \$200,557 9/12/19 \$ 16.71 \$15.64 0 9/9/19 Torgow Gary DIR DTE Energy Co DTE B \$199,733 9/5/19 \$ 129.95 \$130.25 0 9/11/19 Morris David Richard VP RBB Banc RBB OB \$191,293 9/11/19 \$ 9.29 \$18.39 +1 8/11/19 Myers Franklin CB,DIR Comfort Sys USA FIX B \$190,000 9/6/19 \$ 38.00 \$38.39 +2 8/28/19 Payne Lisa A DIR JC Penney JCP B \$181,930 9/6/19 \$ 0.79 \$0.58 +0.5 7/31/19 Mazza Larry F CEO,DIR MVB Finl MVBF OB \$181,800 9/9/19 \$ 9.09 \$17.10 +1 8/6/19 Arnerich Anthony L DIR Vapotherm VAPO B \$173,564 9/11/19 \$ 8.68 \$12.85 0 8/22/19 Bonney Michael W DIR Sarepta Therap SRPT B \$173,480 9/9/19 \$ 672.53 \$660.15 +2 8/14/19 Dencoyer Mary Beth HR Keurig Dr Pepper KDP B \$161,819 9/10/19 \$ 672.53 \$660.15 +2 8/14/19 Dencoyer Mary Beth HR Keurig Dr Pepper KDP B \$161,819 9/10/19 \$ 26.97 \$27.49 0 8/30/19 Glenview Cap Mgt BO Tenet Healthcare HC B \$160,309 9/6/19 \$ 19.95 \$18.67 +2 8/14/19 Dencoyer Mary Beth HR Keurig Dr Pepper KDP B \$161,819 9/10/19 \$ 26.97 \$27.49 0 9/11/19 \$26.97 \$27.49 0 9/31/19 Bronson Steven N BO,DR Quistar QBAK B \$140,283 9/9/19 \$ 19.35 \$18.67 0 9/11/19 Sachse Peter R DIR Citi Trends CTRN B \$151,560 9/9/19 \$ 19.9.5 | | |
| 0 8/21/19 Dattilo Thomas A DIR L3Harris Tech LHX B \$200,800 9/10/19 \$200.80 \$213.31 3,000 50% 47,2 | 0 8/21/19 Dattilo Thomas A DIR L3Harris Tech LHX B \$200,800 9/10/19 \$200.80 \$213.31 10 9/13/19 Dury Michael R PR Merchants Banc MBIN B \$200,557 9/12/19 \$16.71 \$15.64 10 9/9/13/19 Torgow Gary DIR DTE Energy Co DTE B \$199,733 9/5/19 \$129.95 \$130.25 10 9/11/19 Morris David Richard VP RBB Banc RBB OB \$191,293 9/11/19 \$9.29 \$18.39 11 8/11/19 Myers Franklin CB,DIR Comfort Sys USA FIX B \$190,000 9/6/19 \$38.00 \$38.39 12 8/28/19 Payne Lisa A DIR J C Penney JCP B \$181,930 9/6/19 \$0.79 \$0.58 13 19 10 10 10 10 10 10 10 10 10 10 10 10 10 | | |
| +0 9/13/19 Dury Michael R PR Merchants Banc MBIN B \$200,557 9/12/19 \$ 16.71 \$15.64 \$50,676 \$31% 4 \$0 9/9/19 Torgow Gary DIR DTE Energy Co DTE B \$199,733 9/5/19 \$129.95 \$130.25 2,537 154% 23.8 \$10 9/11/19 Myers Franklin CB,DIR Comfort Sys USA FIX B \$190,000 9/6/19 \$ 38.00 \$383.99 255,000 2% 1,4 \$1 8/11/19 Myers Franklin CB,DIR Comfort Sys USA FIX B \$190,000 9/6/19 \$ 38.00 \$383.99 255,000 2% 1,4 \$1 8/11/19 Myers Franklin CB,DIR Comfort Sys USA FIX B \$190,000 9/6/19 \$ 38.00 \$383.99 255,000 2% 1,4 \$1 8/11/19 Myers Franklin CB,DIR Comfort Sys USA FIX B \$190,000 9/6/19 \$ 30.07 \$383.99 255,000 2% 1,4 \$1 8/11/19 Myers Franklin CB,DIR COMFORT Sys USA FIX B \$181,930 9/6/19 \$ 30.07 \$383.99 255,000 2% 1,4 \$1 8/11/19 Myers Franklin CB,DIR COMFORT Sys USA FIX B \$181,930 9/6/19 \$ 30.07 \$383.99 255,000 2% 1,4 \$1 8/11/19 Myers Franklin CB,DIR MYB Finl MVBF OB \$181,800 9/9/19 \$ 9.09 \$17.10 275,215 8% 20 \$1 8/11/19 Myers M | +0 9/13/19 Dury Michael R PR Merchants Banc MBIN B \$200,557 9/12/19 \$ 16.71 \$15.64 0 9/9/19 Torgow Gary DIR DTE Energy Co DTE B \$199,733 9/5/19 \$ 129.95 \$130.25 0 9/11/19 Morris David Richard VP RBB Banc RBB OB \$191,293 9/11/19 \$ 9.29 \$18.39 1 8/11/19 Myers Franklin CB,DIR Comfort Sys USA FIX B \$190,000 9/6/19 \$ 38.00 \$38.39 1 8/11/19 Myers Franklin CB,DIR Comfort Sys USA FIX B \$190,000 9/6/19 \$ 38.00 \$38.39 1 8/28/19 Payne Lisa A DIR J C Penney JCP B \$181,930 9/6/19 \$ 0.79 \$0.58 1 +0.5 7/31/19 Mazza Larry F CEO,DIR MVB Finl MVBF OB \$181,800 9/9/19 \$ 9.09 \$17.10 1 8/6/19 Arnerich Anthony L DIR Vapotherm VAPO B \$173,564 9/11/19 \$ 8.68 \$12.85 1 8/22/19 Bonney Michael W DIR Sarepta Therap SRPT B \$173,480 9/9/19 \$ 86.74 \$95.07 1 3/9/19 Francis Philip L DIR At Home HOME B \$165,603 9/9/19 \$ 7.84 \$6.57 1 +0 8/15/19 Horizon Kinetics Asset IBO Texas Pacific Land Tr TPL JB*,B \$164,769 9/12/19 \$672.53 \$660.15 1 +2 8/14/19 Denooyer Mary Beth HR Keurig Dr Pepper KDP B \$161,819 9/10/19 \$ 26.97 \$27.49 1 8/30/19 Glenview Cap Mgt BO Tenet Healthcare THC B \$160,309 9/6/19 \$ 19.65 \$21.18 1 +0.5 9/12/19 Albrecht William E DIR Halliburton HAL B \$154,800 9/12/19 \$ 19.35 \$18.67 1 9/3/19 Bonson Steven N BO,CB Qualstar QBAK B \$140,251 9/9/19 \$ 9.20 \$9.57 2 8/21/19 Bailey Sallie B DIR L3Harris Tech LHX B \$140,000 9/10/19 \$ 20.000 \$213.31 3 9/10/19 Mastandrea James C CB,CEO Whitestone Reit WSR B \$126,400 9/6/19 \$ 13.16 \$13.16 3 126,400 9/6/19 \$ 13.16 \$13.16 3 126,400 9/6/19 \$ 13.16 \$13.16 3 126,400 9/6/19 \$ 13.16 \$13.16 3 126,400 9/6/19 \$ 13.16 \$13.16 4 12.63 \$41.00 \$41 | | |
| 0 9/9/19 Torgow Gary DIR DTE Energy Co DTE B \$199,733 9/5/19 \$129,95 \$130,25 2,537 154% 23,8 0 9/11/19 Morris David Richard VP RBB Banc RBB OB \$191,293 9/11/19 \$ 9.29 \$18.39 33,364 161% 3 ■ +1 8/1/19 Myers Franklin CB,DIR Comfort Sys USA FIX B \$190,000 9/6/19 \$ 38.00 \$38.39 255,000 2% 1.4 ■ +2 8/28/19 Payne Lisa A DIR J C Penney JCP B \$181,930 9/6/19 \$ 0.79 \$0.58 517,890 80% 1 ■ +0.5 7/31/19 Mazza Larry F CEO,DIR MVBF Inl MVBF OB \$181,930 9/6/19 \$ 9.09 \$17.10 275,215 8% ■ +1 8/6/19 Americh Anthony L DIR Vapotherm VAPO B \$173,564 9/11/19 \$ 8.68 \$12.85 30,000 200% 2 ■ 0 8/22/19 Bonney Michael W DIR Sarepta Therap SRPT B \$173,480 9/9/19 \$ 8.67 \$95.07 7,051 40% 7,0 ■ +3 9/9/19 Francis Philip L DIR At Home HOME B \$165,603 9/9/19 \$ 7.84 \$6.57 72.883 41% 4 ■ +0 8/15/19 Horizon Kinetics Asset IBO Texas Pacific Land Tr TPL JB*,B \$164,769 9/12/19 \$ 672.53 \$660.15 1,506,340 0% 51 ■ +0 8/30/19 Glenview Cap Mgt BO Tenet Healthcare THC B \$168,030 9/6/19 \$ 19.65 \$21.18 19.447,400 0% 2.1 ■ +0 9/3/19 Ronney Michael B DIR Halliburton HAL B \$154,800 9/1/19 \$ 19.35 \$18.67 16,000 100% 16.3 ■ +0 9/3/19 Bonney Mary Beth R Citi Trends CTRN B \$151,560 9/1/19 \$ 9.20 \$9.57 1,924,060 1% ■ +0 9/3/19 Bonney Steven N BO,CB Qualstar QBAK B \$140,283 9/9/19 \$ 5.54 \$4.66 664,834 4% ■ +0 8/21/19 Balley Sallie B DIR L3Harris Tech LHX B \$140,000 9/10/19 \$ 9.20 \$9.57 1,924,060 1% ■ +0 8/29/19 Consol Energy BO,IR CONSOL Coal Res LP CCR B \$129,350 9/11/19 \$ 20.00 \$23.31 1,192 142% 47,2 ■ +0 9/10/19 Mastandrea James C CB,CEO Whitestone Reit WSR B \$126,600 9/12/19 \$ 29.00 \$28.70 25.891 20% 1,1 ■ +0 8/22/19 Balacy Sallie B DIR CONSOL Coal Res LP CCR B \$129,550 9/12/19 \$ 29.00 \$28.70 25.891 20% 1,1 ■ +0 8/22/19 Balacy Sallie B DIR CONSOL Coal Res LP CCR B \$129,550 9/12/19 \$ 29.00 \$28.70 25.891 20% 1,1 ■ +0 8/22/19 Balacy Sallie B DIR CONSOL Coal Res LP CCR B \$129,550 9/12/19 \$ 29.00 \$28.70 25.891 20% 1,1 ■ +0 8/22/19 Balacy Sallie B DIR CONSOL Coal Res LP CCR B \$122,560 9/12/19 \$ 29.00 \$28.70 25.891 20% 1,1 ■ +0 8/ | 0 9/9/19 Torgow Gary DIR DTE Energy Co DTE B \$199,733 9/5/19 \$129.95 \$130.25 0 9/11/19 Morris David Richard VP RBB Banc RBB OB \$191,293 9/11/19 \$ 9.29 \$18.39 1 8/11/19 Myers Franklin CB,DIR Comfort Sys USA FIX B \$190,000 9/6/19 \$38.00 \$38.39 1 8/11/19 Myers Franklin CB,DIR Comfort Sys USA FIX B \$190,000 9/6/19 \$38.00 \$38.39 1 8/11/19 Myers Franklin CB,DIR Comfort Sys USA FIX B \$190,000 9/6/19 \$38.00 \$38.39 2 8/28/19 Payne Lisa A DIR J C Penney JCP B \$181,930 9/6/19 \$0.79 \$0.58 3 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | |
| 0 9/11/19 Morris David Richard VP RBB Banc RBB OB \$191,293 9/11/19 \$ 9.29 \$18.39 33,364 161% 3 | 0 9/11/19 Morris David Richard VP RBB Banc RBB OB \$191,293 9/11/19 \$ 9.29 \$18.39 1 8/1/19 Myers Franklin CB,DIR Comfort Sys USA FIX B \$190,000 9/6/19 \$ 38.00 \$38.39 1 8/1/19 Payne Lisa A DIR J C Penney JCP B \$181,930 9/6/19 \$ 0.79 \$0.58 1 1 8/28/19 Payne Lisa A DIR J C Penney JCP B \$181,930 9/6/19 \$ 0.79 \$0.58 1 1 8/6/19 Arnerich Anthony L DIR Vapotherm VAPO B \$173,564 9/11/19 \$ 8.68 \$12.85 1 1 8/6/19 Arnerich Anthony L DIR Vapotherm VAPO B \$173,564 9/11/19 \$ 8.68 \$12.85 1 2 8/22/19 Bonney Michael W DIR Sarepta Therap SRPT B \$173,480 9/9/19 \$ 86.74 \$95.07 1 3 9/9/19 Francis Philip L DIR At Home HOME B \$165,603 9/9/19 \$ 7.84 \$6.57 1 4 8/15/19 Horizon Kinetics Asset IBO Texas Pacific Land Tr TPL JB*,B \$164,769 9/12/19 \$ 672.53 \$660.15 1 4 8/14/19 Denooyer Mary Beth HR Keurig Dr Pepper KDP B \$161,819 9/10/19 \$ 26.97 \$27.49 1 8/30/19 Glenview Cap Mgt BO Tenet Healthcare THC B \$160,309 9/6/19 \$ 19.65 \$21.18 1 4 0 9/3/19 Bronson Steven N BO,CB Qualstar QBAK B \$140,283 9/9/19 \$ 16.84 \$16.94 1 4 0 9/3/19 Bailey Sallie B DIR L3Harris Tech LHX B \$140,000 9/10/19 \$ 20.000 \$213.31 2 8/12/19 Consol Energy BO,DIR CONSOL Coal Res LP CCR B \$129,051 9/6/19 \$ 13.16 \$13.16 \$13.16 3 9/10/19 Mastandrea James C CB,CEO Whitestone Reit WSR B \$126,400 9/6/19 \$ 12.64 \$12.63 | | |
| +1 8/1/19 Myers Franklin CB,DIR Comfort Sys USA FIX B \$190,000 9/6/19 \$ 38.00 \$38.39 255,000 2% 1,4 +2 8/28/19 Payne Lisa A DIR J C Penney JCP B \$181,930 9/6/19 \$ 0.79 \$0.58 517,890 80% 1 +0.5 7/31/19 Mazza Larry F CEO,DIR MVB Finl MVBF OB \$181,800 9/9/19 \$ 9.09 \$17.10 275,215 8% 2 +1 8/6/19 Arnerich Anthony L DIR Vapotherm VAPO B \$173,564 9/11/19 \$ 8.68 \$12.85 30,000 200% 2 0 8/22/19 Bonney Michael W DIR Sarepta Therap SRPT B \$173,480 9/9/19 \$ 86.74 \$95.07 7,051 40% 7.0 +3 9/9/19 Francis Philip L DIR At Home HOME B \$165,603 9/9/19 \$ 7.84 \$6.57 72.883 411% 4 +0 8/15/19 Horizon Kinetics Asset IBO Texas Pacific Land Tr TPL JB*,B \$164,769 9/12/19 \$672.53 \$660.15 1,506,340 0% 5.1 **O ** **13 **14 **14 **14 **14 **14 **14 * | +1 8/1/19 Myers Franklin CB,DIR Comfort Sys USA FIX B \$190,000 9/6/19 \$ 38.00 \$38.39 +2 8/28/19 Payne Lisa A DIR J C Penney JCP B \$181,930 9/6/19 \$ 0.79 \$0.58 +0.5 7/31/19 Mazza Larry F CEO,DIR MVB Finl MVBF OB \$181,800 9/9/19 \$ 9.09 \$17.10 +1 8/6/19 Arnerich Anthony L DIR Vapotherm VAPO B \$173,564 9/11/19 \$ 8.68 \$12.85 0 8/22/19 Bonney Michael W DIR Sarepta Therap SRPT B \$173,480 9/9/19 \$ 86.74 \$95.07 +3 9/9/19 Francis Philip L DIR At Home HOME B \$165,603 9/9/19 \$ 7.84 \$6.57 +0 8/15/19 Horizon Kinetics Asset IBO Texas Pacific Land Tr TPL JB*,B \$164,769 9/12/19 \$672.53 \$660.15 +2 8/14/19 Denooyer Mary Beth HR Keurig Dr Pepper KDP B \$161,819 9/10/19 \$ 26.97 \$27.49 0 8/30/19 Glenview Cap Mgt BO Tenet Healthcare THC B \$160,309 9/6/19 \$ 19.65 \$21.18 +0.5 9/12/19 Albrecht William E DIR Halliburton HAL B \$154,800 9/12/19 \$ 19.35 \$18.67 0 9/11/19 Sachse Peter R DIR Citi Trends CTRN B \$151,560 9/9/19 \$ 16.84 \$16.94 +0 9/3/19 Bronson Steven N BO,CB Qualstar QBAK B \$140,283 9/9/19 \$ 5.54 \$4.66 +0.5 8/30/19 Peterson Adam K BO,DIR Nicholas Finl NICK B \$140,000 9/10/19 \$ 200.00 \$213.31 0 9/13/19 Fleishman Stanley DIR Ollies Bargain Outlet OLLI B \$129,320 9/11/19 \$ 64.66 \$81.10 +0 8/29/19 Consol Energy BO,DIR CONSOL Coal Res LP CCR B \$126,400 9/6/19 \$ 12.64 \$12.63 | | |
| +2 8/28/19 Payne Lisa A DIR J C Penney JCP B \$181,930 9/6/19 \$ 0.79 \$0.58 517,890 80% 1 +0.5 7/31/19 Mazza Larry F CEO,DIR MVB FinI MVBF OB \$181,800 9/9/19 \$ 9.09 \$17.10 275,215 8% 2 +1 8/6/19 Arnerich Anthony L DIR Vapotherm VAPO B \$173,564 9/11/19 \$ 8.68 \$12.85 30,000 200% 2 0 8/22/19 Bonney Michael W DIR Sarepta Therap SRPT B \$173,480 9/9/19 \$ 86.74 \$95.07 7,051 40% 7,0 +3 9/9/19 Francis Philip L DIR At Home HOME B \$165,603 9/9/19 \$ 86.74 \$95.07 7,051 40% 7,0 +3 9/9/19 Francis Philip L DIR At Home HOME B \$165,603 9/9/19 \$ 7.84 \$6.57 72,883 41% 4 +0 8/15/19 Horizon Kinetics Asset IBO Texas Pacific Land Tr TPL JB*, B \$164,769 9/12/19 \$ 672.53 \$660.15 1,506,340 0% 5,1 -2 48 1/41/19 Denooyer Mary Beth HR Keurig Dr Pepper KDP B \$161,819 9/10/19 \$ 26.97 \$27.49 30,000 25% 38,6 -2 8 3/30/19 Glenview Cap Mgt BO Tenet Healthcare THC B \$160,309 9/6/19 \$ 19.65 \$21.18 19,447,420 0% 2,1 -4 +0.5 9/12/19 Albrecht William E DIR Halliburton HAL B \$154,800 9/12/19 \$ 19.35 \$18.67 16,000 100% 16,3 -4 9 9/3/19 Bronson Steven N BO,CB Qualstar QBAK B \$140,283 9/9/19 \$ 5.54 \$4.66 664,834 4% -4 +0. 9/3/19 Bronson Steven N BO,CB Qualstar QBAK B \$140,283 9/9/19 \$ 9.20 \$9.57 1,924,060 1% -4 +0. 8/29/19 Bailey Sallie B DIR Citi Trends CTRN B \$129,320 9/11/19 \$ 9.20 \$9.57 1,924,060 1% -4 +0. 8/29/19 Consol Energy BO,DIR CONSOL Coal Res LP CCR B \$129,320 9/11/19 \$ 20.00 \$21.33.1 1,192 142% 47,2 -4 +0. 9/10/19 Mastandrea James C CB,CEO Whitestone Reit WSR B \$126,400 9/6/19 \$ 13.66 \$13.16 \$13.16 16,811,818 0% 3 -4 +0. 9/10/19 Mastandrea James C CB,CEO Whitestone Reit WSR B \$126,600 9/12/19 \$ 9.900 \$28.70 25,891 20% 1,1 -4 +0. 8/22/19 Isaac Jon BO,CEO Live Ventures LIVE B \$122,788 9/11/19 \$ 7.00 \$6.34 1,554,467 1% | +2 8/28/19 Payne Lisa A DIR J C Penney JCP B \$181,930 9/6/19 \$ 0.79 \$0.58 +0.5 7/31/19 Mazza Larry F CEO,DIR MVB FinI MVBF OB \$181,800 9/9/19 \$ 9.09 \$17.10 +1 8/6/19 Arnerich Anthony L DIR Vapotherm VAPO B \$173,564 9/11/19 \$ 8.68 \$12.85 0 8/22/19 Bonney Michael W DIR Sarepta Therap SRPT B \$173,480 9/9/19 \$ 86.74 \$95.07 •1 3 9/9/19 Francis Philip L DIR At Home HOME B \$165,603 9/9/19 \$ 7.84 \$6.57 +0 8/15/19 Horizon Kinetics Asset BO Texas Pacific Land Tr TPL JB*,B \$164,769 9/12/19 \$ 672.53 \$660.15 +2 8/14/19 Denooyer Mary Beth HR Keurig Dr Pepper KDP B \$161,819 9/10/19 \$ 26.97 \$27.49 0 8/30/19 Glenview Cap Mgt BO Tenet Healthcare THC B \$160,309 9/6/19 \$ 19.65 \$21.18 +0.5 9/12/19 Albrecht William E DIR Halliburton HAL B \$154,800 9/12/19 \$ 19.35 \$18.67 0 9/11/19 Sachse Peter R DIR Citi Trends CTRN B \$151,560 9/9/19 \$ 16.84 \$16.94 +0 9/3/19 Bronson Steven N BO,CB Qualstar QBAK B \$140,283 9/9/19 \$ 9.20 \$9.57 0 8/21/19 Bailey Sallie B DIR L3Harris Tech LHX B \$140,000 9/10/19 \$ 20.000 \$213.31 0 9/13/19 Fleishman Stanley DIR Ollies Bargain Outlet OLLI B \$129,320 9/11/19 \$ 64.66 \$81.10 +0 8/29/19 Consol Energy BO,DIR CONSOL Coal Res LP CCR B \$129,051 9/6/19 \$ 12.64 \$12.63 | | |
| 0 | +0.5 7/31/19 Mazza Larry F CEO,DIR MVB Finl MVBF OB \$181,800 9/9/19 \$ 9.09 \$17.10 +1 8/6/19 Arnerich Anthony L DIR Vapotherm VAPO B \$173,564 9/11/19 \$ 8.68 \$12.85 0 8/22/19 Bonney Michael W DIR Sarepta Therap SRPT B \$173,480 9/9/19 \$ 86.74 \$95.07 +3 9/9/19 Francis Philip L DIR At Home HOME B \$165,603 9/9/19 \$ 7.84 \$6.57 +0 8/15/19 Horizon Kinetics Asset BO Texas Pacific Land Tr TPL JB*,B \$164,769 9/12/19 \$ 672.53 \$660.15 +2 8/14/19 Denooyer Mary Beth HR Keurig Dr Pepper KDP B \$161,819 9/10/19 \$ 26.97 \$27.49 0 8/30/19 Glenview Cap Mgt BO Tenet Healthcare THC B \$160,309 9/6/19 \$ 19.65 \$21.18 0 +0.5 9/12/19 Albrecht William E DIR Halliburton HAL B \$154,800 9/12/19 \$ 19.35 \$18.67 0 9/31/19 Bronson Steven N BO,CB Qualstar QBAK B \$140,283 9/9/19 \$ 5.54 \$4.66 1 +0.5 8/30/19 Peterson Adam K BO,DIR Nicholas Finl NICK B \$140,000 9/10/19 \$ 20.000 \$213.31 0 9/13/19 Fleishman Stanley DIR Ollies Bargain Outlet OLLI B \$129,320 9/11/19 \$ 64.66 \$81.10 +0 8/29/19 Consol Energy BO,DIR CONSOL Coal Res LP CCR B \$129,051 9/6/19 \$ 13.16 \$13.16 +0 9/10/19 Mastandrea James C CB,CEO Whitestone Reit WSR B \$126,400 9/6/19 \$ 12.64 \$12.63 | | |
| +1 8/6/19 Arnerich Anthony L DIR Vapotherm VAPO B \$173,564 9/11/19 \$ 8.68 \$12.85 30,000 200% 2 0 8/22/19 Bonney Michael W DIR Sarepta Therap SRPT B \$173,480 9/9/19 \$ 86.74 \$95.07 7,051 40% 7,0 1 9/9/19 Francis Philip L DIR At Home HOME B \$165,603 9/9/19 \$ 7.84 \$6.57 72,883 41% 4 1 9/9/19 Francis Philip L DIR At Home HOME B \$165,603 9/9/19 \$ 7.84 \$6.57 72,883 41% 4 2 9/9/19 Francis Philip L DIR At Home HOME B \$165,603 9/9/19 \$ 672.53 \$660.15 1,506,340 0% 5,1 3 8/9/19 Horizon Kinetics Asset IBO Texas Pacific Land Tr TPL JB*, B \$164,769 9/12/19 \$ 672.53 \$660.15 1,506,340 0% 5,1 4 8/14/19 Denooyer Mary Beth HR Keurig Dr Pepper KDP B \$161,819 9/10/19 \$ 26.97 \$27.49 30,000 25% 38,6 3 8/9/19 Genview Cap Mgt BO Tenet Healthcare THC B \$160,309 9/6/19 \$ 19.65 \$21.18 19,447,420 0% 2,1 4 +0.5 9/12/19 Albrecht William E DIR Halliburton HAL B \$154,800 9/12/19 \$ 19.35 \$18.67 16,000 100% 16,3 3 9/9/19 Sachse Peter R DIR Citi Trends CTRN B \$151,560 9/9/19 \$ 16.84 \$16.94 13,390 205% 2 4 +0 9/3/19 Bronson Steven N BO,CB Qualstar QBAK B \$140,283 9/9/19 \$ 5.54 \$4.66 664,834 4% 4 +0.5 8/30/19 Peterson Adam K BO,DIR Nicholas Finl NICK B \$140,251 9/9/19 \$ 9.20 \$9.57 1,924,060 1% 5 8/21/19 Bailey Sallie B DIR L3Harris Tech LHX B \$140,000 9/10/19 \$ 200.00 \$213.31 1,192 142% 47,2 5 9/13/19 Fleishman Stanley DIR Ollies Bargain Outlet OLLI B \$129,320 9/11/19 \$ 64.66 \$81.10 43,974 5% 5,1 5 9/13/19 Peterson Adam K BO,DIR CONSOL Coal Res LP CCR B \$129,051 9/6/19 \$ 13.16 \$13.16 16,811,818 0% 3 5 9/13/19 Alvarado Marcos CIO,PR Safehold SAFE B \$126,400 9/6/19 \$ 12.64 \$12.63 1,027,250 1% 5 5 9/12/19 Saac Jon BO,CEO Live Ventures LIVE B \$122,788 9/11/19 \$ 7.00 \$6.34 1,554,467 1% | +1 8/6/19 Arnerich Anthony L DIR Vapotherm VAPO B \$173,564 9/11/19 \$ 8.68 \$12.85 0 8/22/19 Bonney Michael W DIR Sarepta Therap SRPT B \$173,480 9/9/19 \$ 86.74 \$95.07 1 9/9/19 Francis Philip L DIR At Home HOME B \$165,603 9/9/19 \$ 7.84 \$6.57 1 0 8/15/19 Horizon Kinetics Asset BO Texas Pacific Land Tr TPL JB*,B \$164,769 9/12/19 \$ 672.53 \$660.15 1 2 8/14/19 Denooyer Mary Beth HR Keurig Dr Pepper KDP B \$161,819 9/10/19 \$ 26.97 \$27.49 1 0 8/30/19 Glenview Cap Mgt BO Tenet Healthcare THC B \$160,309 9/6/19 \$ 19.65 \$21.18 1 +0.5 9/12/19 Albrecht William E DIR Halliburton HAL B \$154,800 9/12/19 \$ 19.35 \$18.67 2 0 9/11/19 Sachse Peter R DIR Citi Trends CTRN B \$151,560 9/9/19 \$ 16.84 \$16.94 1 +0.5 8/30/19 Peterson Adam K BO,DIR Nicholas Finl NICK B \$140,000 9/10/19 \$ 9.20 \$9.57 2 8/21/19 Bailey Sallie B DIR L3Harris Tech LHX B \$140,000 9/10/19 \$ 200.00 \$213.31 3 9/13/19 Fleishman Stanley DIR Ollies Bargain Outlet OLLI B \$129,320 9/11/19 \$ 13.16 \$13.16 \$13.16 \$13.16 \$13.16 \$12.63 | | |
| 0 8/22/19 Bonney Michael W DIR Sarepta Therap SRPT B \$173,480 9/9/19 \$86.74 \$95.07 7,051 40% 7,0 13 9/9/19 Francis Philip L DIR At Home HOME B \$165,603 9/9/19 \$7.84 \$6.57 72,883 41% 4 14 8/15/19 Horizon Kinetics Asset IBO Texas Pacific Land Tr TPL JB*, B \$164,769 9/12/19 \$672.53 \$660.15 1,506,340 0% 5,1 15 8/14/19 Denooyer Mary Beth HR Keurig Dr Pepper KDP B \$161,819 9/10/19 \$26.97 \$27.49 30,000 25% 38,6 16 8/30/19 Glenview Cap Mgt BO Tenet Healthcare THC B \$160,309 9/6/19 \$19.65 \$21.18 19,447,420 0% 2,1 17 14/19 Albrecht William E DIR Halliburton HAL B \$154,800 9/12/19 \$19.35 \$18.67 16,000 100% 16,3 18 15/19 Bronson Steven N BO,CB Qualstar QBAK B \$140,283 9/9/19 \$5.54 \$4.66 664,834 4% 18 14/19 Bailey Sallie B DIR L3Harris Tech LHX B \$140,000 9/10/19 \$200.00 \$213.31 1,192 142% 47,2 18 15/14/19 Bailey Sallie B DIR CONSOL Coal Res LP CCR B \$129,051 9/6/19 \$13.16 \$13.16 16,811,818 0% 3 18 15/14/19 Baac Jon BO,CEO Live Ventures LIVE B \$125,860 9/12/19 \$29.00 \$28.70 25.891 20% 1,1 | 0 8/22/19 Bonney Michael W DIR Sarepta Therap SRPT B \$173,480 9/9/19 \$86.74 \$95.07 1 3 9/9/19 Francis Philip L DIR At Home HOME B \$165,603 9/9/19 \$7.84 \$6.57 1 4 8/15/19 Horizon Kinetics Asset BO Texas Pacific Land Tr TPL JB*,B \$164,769 9/12/19 \$672.53 \$660.15 1 5 8/14/19 Denooyer Mary Beth HR Keurig Dr Pepper KDP B \$161,819 9/10/19 \$26.97 \$27.49 2 8/14/19 Denooyer Mary Beth HR Keurig Dr Pepper KDP B \$160,309 9/6/19 \$19.65 \$21.18 3 8/30/19 Glenview Cap Mgt BO Tenet Healthcare THC B \$160,309 9/6/19 \$19.65 \$21.18 4 9/12/19 Albrecht William E DIR Halliburton HAL B \$154,800 9/12/19 \$19.35 \$18.67 3 9/11/19 Sachse Peter R DIR Citi Trends CTRN B \$151,560 9/9/19 \$16.84 \$16.94 4 9/3/19 Bronson Steven N BO,CB Qualstar QBAK B \$140,283 9/9/19 \$5.54 \$4.66 4 9/3/19 Bailey Sallie B DIR L3Harris Tech LHX B \$140,000 9/10/19 \$200.00 \$213.31 3 9/13/19 Fleishman Stanley DIR Ollies Bargain Outlet OLLI B \$129,320 9/11/19 \$64.66 \$81.10 4 9/10/19 Mastandrea James C CB,CEO Whitestone Reit WSR B \$126,400 9/6/19 \$12.64 \$12.63 | , | |
| +3 9/9/19 Francis Philip L DIR At Home HOME B \$165,603 9/9/19 \$ 7.84 \$6.57 72,883 41% 4 +0 8/15/19 Horizon Kinetics Asset IBO Texas Pacific Land Tr TPL JB*,B \$164,769 9/12/19 \$672.53 \$660.15 1,506,340 0% 5,1 • 2 8/14/19 Denooyer Mary Beth HR Keurig Dr Pepper KDP B \$161,819 9/10/19 \$ 26.97 \$27.49 30,000 25% 38,6 • 0 8/30/19 Glenview Cap Mgt BO Tenet Healthcare THC B \$160,309 9/6/19 \$ 19.65 \$21.18 19,447,420 0% 2,1 • +0.5 9/12/19 Albrecht William E DIR Halliburton HAL B \$154,800 9/12/19 \$ 19.35 \$18.67 16,000 100% 16,3 • 0 9/11/19 Sachse Peter R DIR Citi Trends CTRN B \$151,560 9/9/19 \$ 16.84 \$16.94 13,390 205% 2 • +0 9/3/19 Bronson Steven N BO,CB Qualstar QBAK B \$140,283 9/9/19 \$ 5.54 \$4.66 664,834 4% • +0.5 8/30/19 Peterson Adam K BO,DIR Nicholas Finl NICK B \$140,000 9/10/19 \$ 9.20 \$9.57 1,924,060 1% • 0 8/21/19 Bailey Sallie B DIR L3Harris Tech LHX B \$140,000 9/10/19 \$ 200.00 \$213.31 1,192 142% 47,2 • 0 9/13/19 Fleishman Stanley DIR Ollies Bargain Outlet OLLI B \$129,320 9/11/19 \$ 64.66 \$81.10 43,974 5% 5,1 • 0 9/10/19 Mastandrea James C CB,CEO Whitestone Reit WSR B \$126,400 9/6/19 \$ 12.64 \$12.63 1,027,250 1% 5 • 1 9/13/19 Alvarado Marcos CIO,PR Safehold SAFE B \$125,860 9/12/19 \$ 29.00 \$28.70 25,891 20% 1,1 • 0 8/22/19 Isaac Jon BO,CEO Live Ventures LIVE B \$122,788 9/11/19 \$ 7.00 \$6.34 1,554,467 1% • 1 9/13/19 \$12.64 \$11.00 \$1. | +3 9/9/19 Francis Philip L DIR At Home HOME B \$165,603 9/9/19 \$ 7.84 \$6.57 +0 8/15/19 Horizon Kinetics Asset BO Texas Pacific Land Tr TPL JB*,B \$164,769 9/12/19 \$ 672.53 \$660.15 +2 8/14/19 Denooyer Mary Beth HR Keurig Dr Pepper KDP B \$161,819 9/10/19 \$ 26.97 \$27.49 0 8/30/19 Glenview Cap Mgt BO Tenet Healthcare THC B \$160,309 9/6/19 \$ 19.65 \$21.18 +0.5 9/12/19 Albrecht William E DIR Halliburton HAL B \$154,800 9/12/19 \$ 19.35 \$18.67 0 9/11/19 Sachse Peter R DIR Citi Trends CTRN B \$151,560 9/9/19 \$ 16.84 \$16.94 +0 9/3/19 Bronson Steven N BO,CB Qualstar QBAK B \$140,283 9/9/19 \$ 5.54 \$4.66 +0.5 8/30/19 Peterson Adam K BO,DIR Nicholas Finl NICK B \$140,000 9/10/19 \$ 9.20 \$9.57 0 8/21/19 Bailey Sallie B DIR L3Harris Tech LHX B \$140,000 9/10/19 \$ 200.00 \$213.31 0 9/13/19 Fleishman Stanley DIR Ollies Bargain Outlet OLLI B \$129,320 9/11/19 \$ 64.66 \$81.10 +0 8/29/19 Consol Energy BO,DIR CONSOL Coal Res LP CCR B \$129,051 9/6/19 \$ 13.16 \$13.16 | | |
| +0 8/15/19 Horizon Kinetics Asset BO | +0 8/15/19 Horizon Kinetics Asset BO | | |
| +2 8/14/19 Denooyer Mary Beth HR Keurig Dr Pepper KDP B \$161,819 9/10/19 \$ 26.97 \$27.49 \$30,000 25% 38,6 0 8/30/19 Glenview Cap Mgt BO Tenet Healthcare THC B \$160,309 9/6/19 \$ 19.65 \$21.18 19,447,420 0% 2,1 1 +0.5 9/12/19 Albrecht William E DIR Halliburton HAL B \$154,800 9/12/19 \$ 19.35 \$18.67 16,000 100% 16,3 0 9/11/19 Sachse Peter R DIR Citi Trends CTRN B \$151,560 9/9/19 \$ 16.84 \$16.94 13,390 205% 2 1 +0 9/3/19 Bronson Steven N BO,CB Qualstar QBAK B \$140,283 9/9/19 \$ 5.54 \$4.66 664,834 4% 1 +0.5 8/30/19 Peterson Adam K BO,DIR Nicholas Finl NICK B \$140,251 9/9/19 \$ 9.20 \$9.57 1,924,060 1% 2 0 8/21/19 Bailey Sallie B DIR L3Harris Tech LHX B \$140,000 9/10/19 \$ 200.00 \$213.31 1,192 142% 47,2 3 0 9/13/19 Fleishman Stanley DIR Ollies Bargain Outlet OLLI B \$129,320 9/11/19 \$ 64.66 \$81.10 43,974 5% 5,1 4 0 8/29/19 Consol Energy BO,DIR CONSOL Coal Res LP CCR B \$129,051 9/6/19 \$ 13.16 \$13.16 16,811,818 0% 3 4 0 9/10/19 Mastandrea James C CB,CEO Whitestone Reit WSR B \$126,400 9/6/19 \$ 12.64 \$12.63 1,027,250 1% 5 4 1 9/13/19 Alvarado Marcos CIO,PR Safehold SAFE B \$125,860 9/12/19 \$ 29.00 \$28.70 25,891 20% 1,1 4 0 8/22/19 Isaac Jon BO,CEO Live Ventures LIVE B \$122,788 9/11/19 \$ 7.00 \$6.34 1,554,467 1% | +2 8/14/19 Denooyer Mary Beth HR Keurig Dr Pepper KDP B \$161,819 9/10/19 \$ 26.97 \$27.49 0 8/30/19 Glenview Cap Mgt BO Tenet Healthcare THC B \$160,309 9/6/19 \$ 19.65 \$21.18 1 +0.5 9/12/19 Albrecht William E DIR Halliburton HAL B \$154,800 9/12/19 \$ 19.35 \$18.67 0 9/11/19 Sachse Peter R DIR Citi Trends CTRN B \$151,560 9/9/19 \$ 16.84 \$16.94 1 +0 9/3/19 Bronson Steven N BO,CB Qualstar QBAK B \$140,283 9/9/19 \$ 5.54 \$4.66 1 +0.5 8/30/19 Peterson Adam K BO,DIR Nicholas Finl NICK B \$140,251 9/9/19 \$ 9.20 \$9.57 0 8/21/19 Bailey Sallie B DIR L3Harris Tech LHX B \$140,000 9/10/19 \$ 200.00 \$213.31 0 9/13/19 Fleishman Stanley DIR Ollies Bargain Outlet OLLI B \$129,320 9/11/19 \$ 64.66 \$81.10 +0 8/29/19 Consol Energy BO,DIR CONSOL Coal Res LP CCR B \$129,051 9/6/19 \$ 13.16 \$13.16 +0 9/10/19 Mastandrea James C CB,CEO Whitestone Reit WSR B \$126,400 9/6/19 \$ 12.64 \$12.63 | | |
| 0 8/30/19 Glenview Cap Mgt BO Tenet Healthcare THC B \$160,309 9/6/19 \$19.65 \$21.18 19,447,420 0% 2,1 □ +0.5 9/12/19 Albrecht William E DIR Halliburton HAL B \$154,800 9/12/19 \$19.35 \$18.67 16,000 100% 16,3 □ 9/11/19 Sachse Peter R DIR Citi Trends CTRN B \$151,560 9/9/19 \$16.84 \$16.94 13,390 205% 2 □ +0 9/3/19 Bronson Steven N BO,CB Qualstar QBAK B \$140,283 9/9/19 \$5.54 \$4.66 664,834 4% □ +0.5 8/30/19 Peterson Adam K BO,DIR Nicholas Finl NICK B \$140,251 9/9/19 \$9.20 \$9.57 1,924,060 1% □ 8/21/19 Bailey Sallie B DIR L3Harris Tech LHX B \$140,000 9/10/19 \$200.00 \$213.31 1,192 142% 47,2 □ 9/13/19 Fleishman Stanley DIR Ollies Bargain Outlet OLLI B \$129,320 9/11/19 \$64.66 \$81.10 43,974 5% 5,1 □ 8/29/19 Consol Energy BO,DIR CONSOL Coal Res LP CCR B \$129,051 9/6/19 \$13.16 \$13.16 16,811,818 0% 3 □ 9/10/19 Mastandrea James C CB,CEO Whitestone Reit WSR B \$126,400 9/6/19 \$12.64 \$12.63 1,027,250 1% 5 □ +0 8/22/19 Isaac Jon BO,CEO Live Ventures LIVE B \$122,788 9/11/19 \$7.00 \$6.34 1,554,467 1% | 0 8/30/19 Glenview Cap Mgt BO Tenet Healthcare THC B \$160,309 9/6/19 \$ 19.65 \$21.18 1 0 0 9/12/19 Albrecht William E DIR Halliburton HAL B \$154,800 9/12/19 \$ 19.35 \$18.67 2 0 9/11/19 Sachse Peter R DIR Citi Trends CTRN B \$151,560 9/9/19 \$ 16.84 \$16.94 3 10 9/3/19 Bronson Steven N BO,CB Qualstar QBAK B \$140,283 9/9/19 \$ 5.54 \$4.66 4 0 9/3/19 Peterson Adam K BO,DIR Nicholas Finl NICK B \$140,251 9/9/19 \$ 9.20 \$9.57 3 8/21/19 Bailey Sallie B DIR L3Harris Tech LHX B \$140,000 9/10/19 \$ 200.00 \$213.31 4 0 9/13/19 Fleishman Stanley DIR Ollies Bargain Outlet OLLI B \$129,320 9/11/19 \$ 64.66 \$81.10 5 9/10/19 Mastandrea James C CB,CEO Whitestone Reit WSR B \$126,400 9/6/19 \$ 12.64 \$12.63 | | |
| +0.5 9/12/19 Albrecht William E DIR Halliburton HAL B \$154,800 9/12/19 \$19.35 \$18.67 16,000 100% 16,3 0 9/11/19 Sachse Peter R DIR Citi Trends CTRN B \$151,560 9/9/19 \$16.84 \$16.94 13,390 205% 2 +0 9/3/19 Bronson Steven N BO,CB Qualstar QBAK B \$140,283 9/9/19 \$5.54 \$4.66 664,834 4% +0.5 8/30/19 Peterson Adam K BO,DIR Nicholas Finl NICK B \$140,251 9/9/19 \$9.20 \$9.57 1,924,060 1% 0 8/21/19 Bailey Sallie B DIR L3Harris Tech LHX B \$140,000 9/10/19 \$200.00 \$213.31 1,192 142% 47,2 0 9/13/19 Fleishman Stanley DIR Ollies Bargain Outlet OLLI B \$129,320 9/11/19 \$64.66 \$81.10 43,974 5% 5,1 +0 8/29/19 Consol Energy BO,DIR CONSOL Coal Res LP CCR B \$129,051 9/6/19 \$13.16 \$13.16 16,811,818 0% 3 +0 9/10/19 Mastandrea James C CB,CEO Whitestone Reit WSR B \$126,400 9/6/19 \$12.64 \$12.63 1,027,250 1% 5 +1 9/13/19 Alvarado Marcos CIO,PR Safehold SAFE B \$125,860 9/12/19 \$29.00 \$28.70 25,891 20% 1,11 +0 8/22/19 Isaac Jon BO,CEO Live Ventures LIVE B \$122,788 9/11/19 \$7.00 \$6.34 1,554,467 1% | +0.5 9/12/19 Albrecht William E DIR Halliburton HAL B \$154,800 9/12/19 \$19.35 \$18.67 0 9/11/19 Sachse Peter R DIR Citi Trends CTRN B \$151,560 9/9/19 \$16.84 \$16.94 +0 9/3/19 Bronson Steven N BO,CB Qualstar QBAK B \$140,283 9/9/19 \$5.54 \$4.66 +0.5 8/30/19 Peterson Adam K BO,DIR Nicholas Finl NICK B \$140,251 9/9/19 \$9.20 \$9.57 0 8/21/19 Bailey Sallie B DIR L3Harris Tech LHX B \$140,000 9/10/19 \$200.00 \$213.31 0 9/13/19 Fleishman Stanley DIR Ollies Bargain Outlet OLLI B \$129,320 9/11/19 \$64.66 \$81.10 +0 8/29/19 Consol Energy BO,DIR CONSOL Coal Res LP CCR B \$129,051 9/6/19 \$13.16 \$13.16 +0 9/10/19 Mastandrea James C CB,CEO Whitestone Reit WSR B \$126,400 9/6/19 \$12.64 \$12.63 | | |
| 0 9/11/19 Sachse Peter R DIR Citi Trends CTRN B \$151,560 9/9/19 \$ 16.84 \$16.94 13,390 205% 2 +0 9/3/19 Bronson Steven N BO,CB Qualstar QBAK B \$140,283 9/9/19 \$ 5.54 \$4.66 664,834 4% +0.5 8/30/19 Peterson Adam K BO,DIR Nicholas FinI NICK B \$140,251 9/9/19 \$ 9.20 \$9.57 1,924,060 1% 0 8/21/19 Bailey Sallie B DIR L3Harris Tech LHX B \$140,000 9/10/19 \$ 200.00 \$213.31 1,192 142% 47,2 0 9/13/19 Fleishman Stanley DIR Ollies Bargain Outlet OLLI B \$129,320 9/11/19 \$ 64.66 \$81.10 43,974 5% 5,1 +0 8/29/19 Consol Energy BO,DIR CONSOL Coal Res LP CCR B \$129,051 9/6/19 \$ 13.16 \$13.16 16,811,818 0% 3 +0 9/10/19 Mastandrea James C CB,CEO Whitestone Reit WSR B \$126,400 9/6/19 \$ 12.64 \$12.63 1,027,250 1% 5 +1 9/13/19 Alvarado Marcos CIO,PR Safehold SAFE B \$125,860 9/12/19 \$ 29.00 \$28.70 25,891 20% 1,1 +0 8/22/19 Isaac Jon BO,CEO Live Ventures LIVE B \$122,788 9/11/19 \$ 7.00 \$6.34 1,554,467 1% | 0 9/11/19 Sachse Peter R DIR Citi Trends CTRN B \$151,560 9/9/19 \$ 16.84 \$16.94 +0 9/3/19 Bronson Steven N BO,CB Qualstar QBAK B \$140,283 9/9/19 \$ 5.54 \$4.66 +0.5 8/30/19 Peterson Adam K BO,DIR Nicholas Finl NICK B \$140,251 9/9/19 \$ 9.20 \$9.57 0 8/21/19 Bailey Sallie B DIR L3Harris Tech LHX B \$140,000 9/10/19 \$ 200.00 \$213.31 0 9/13/19 Fleishman Stanley DIR Ollies Bargain Outlet OLLI B \$129,320 9/11/19 \$ 64.66 \$81.10 +0 8/29/19 Consol Energy BO,DIR CONSOL Coal Res LP CCR B \$129,051 9/6/19 \$ 13.16 \$13.16 +0 9/10/19 Mastandrea James C CB,CEO Whitestone Reit WSR B \$126,400 9/6/19 \$ 12.64 \$12.63 | | |
| +0 9/3/19 Bronson Steven N BO,CB Qualstar QBAK B \$140,283 9/9/19 \$ 5.54 \$4.66 664,834 4% +0.5 8/30/19 Peterson Adam K BO,DIR Nicholas Finl NICK B \$140,251 9/9/19 \$ 9.20 \$9.57 1,924,060 1% 0 8/21/19 Bailey Sallie B DIR L3Harris Tech LHX B \$140,000 9/10/19 \$ 200.00 \$213.31 1,192 142% 47,2 0 9/13/19 Fleishman Stanley DIR Ollies Bargain Outlet OLLI B \$129,320 9/11/19 \$ 64.66 \$81.10 43,974 5% 5,1 +0 8/29/19 Consol Energy BO,DIR CONSOL Coal Res LP CCR B \$129,051 9/6/19 \$ 13.16 \$13.16 16,811,818 0% 3 +0 9/10/19 Mastandrea James C CB,CEO Whitestone Reit WSR B \$126,400 9/6/19 \$ 12.64 \$12.63 1,027,250 1% 5 +1 9/13/19 Alvarado Marcos CIO,PR Safehold SAFE B \$125,860 9/12/19 \$ 29.00 \$28.70 25,891 20% 1,1 +0 8/22/19 Isaac Jon BO,CEO Live Ventures LIVE B \$122,788 9/11/19 \$ 7.00 \$6.34 1,554,467 1% | +0 9/3/19 Bronson Steven N BO,CB Qualstar QBAK B \$140,283 9/9/19 \$ 5.54 \$4.66 +0.5 8/30/19 Peterson Adam K BO,DIR Nicholas Finl NICK B \$140,251 9/9/19 \$ 9.20 \$9.57 0 8/21/19 Bailey Sallie B DIR L3Harris Tech LHX B \$140,000 9/10/19 \$ 200.00 \$213.31 0 9/13/19 Fleishman Stanley DIR Ollies Bargain Outlet OLLI B \$129,320 9/11/19 \$ 64.66 \$81.10 +0 8/29/19 Consol Energy BO,DIR CONSOL Coal Res LP CCR B \$129,051 9/6/19 \$ 13.16 \$13.16 +0 9/10/19 Mastandrea James C CB,CEO Whitestone Reit WSR B \$126,400 9/6/19 \$ 12.64 \$12.63 | | |
| +0.5 8/30/19 Peterson Adam K BO,DIR Nicholas Finl NICK B \$140,251 9/9/19 \$ 9.20 \$9.57 1,924,060 1% 0 8/21/19 Bailey Sallie B DIR L3Harris Tech LHX B \$140,000 9/10/19 \$ 200.00 \$213.31 1,192 142% 47,2 0 9/13/19 Fleishman Stanley DIR Ollies Bargain Outlet OLLI B \$129,320 9/11/19 \$ 64.66 \$81.10 43,974 5% 5,1 +0 8/29/19 Consol Energy BO,DIR CONSOL Coal Res LP CCR B \$129,051 9/6/19 \$ 13.16 \$13.16 16,811,818 0% 3 +0 9/10/19 Mastandrea James C CB,CEO Whitestone Reit WSR B \$126,400 9/6/19 \$ 12.64 \$12.63 1,027,250 1% 5 +1 9/13/19 Alvarado Marcos CIO,PR Safehold SAFE B \$125,860 9/12/19 \$ 29.00 \$28.70 25,891 20% 1,1 +0 8/22/19 Isaac Jon BO,CEO Live Ventures LIVE B \$122,788 9/11/19 \$ 7.00 \$6.34 1,554,467 1% | +0.5 8/30/19 Peterson Adam K BO,DIR Nicholas Finl NICK B \$140,251 9/9/19 \$ 9.20 \$9.57 0 8/21/19 Bailey Sallie B DIR L3Harris Tech LHX B \$140,000 9/10/19 \$ 200.00 \$213.31 0 9/13/19 Fleishman Stanley DIR Ollies Bargain Outlet OLLI B \$129,320 9/11/19 \$ 64.66 \$81.10 +0 8/29/19 Consol Energy BO,DIR CONSOL Coal Res LP CCR B \$129,051 9/6/19 \$ 13.16 \$13.16 +0 9/10/19 Mastandrea James C CB,CEO Whitestone Reit WSR B \$126,400 9/6/19 \$ 12.64 \$12.63 | | |
| 0 8/21/19 Bailey Sallie B DIR L3Harris Tech LHX B \$140,000 9/10/19 \$200.00 \$213.31 1,192 142% 47,2 0 9/13/19 Fleishman Stanley DIR Ollies Bargain Outlet OLLI B \$129,320 9/11/19 \$64.66 \$81.10 43,974 5% 5,1 +0 8/29/19 Consol Energy BO,DIR CONSOL Coal Res LP CCR B \$129,051 9/6/19 \$13.16 \$13.16 16,811,818 0% 3 +0 9/10/19 Mastandrea James C CB,CEO Whitestone Reit WSR B \$126,400 9/6/19 \$12.64 \$12.63 1,027,250 1% 5 +1 9/13/19 Alvarado Marcos CIO,PR Safehold SAFE B \$125,860 9/12/19 \$29.00 \$28.70 25,891 20% 1,1 +0 8/22/19 Isaac Jon BO,CEO Live Ventures LIVE B \$122,788 9/11/19 \$7.00 | 0 8/21/19 Bailey Sallie B DIR L3Harris Tech LHX B \$140,000 9/10/19 \$ 200.00 \$213.31 0 9/13/19 Fleishman Stanley DIR Ollies Bargain Outlet OLLI B \$129,320 9/11/19 \$ 64.66 \$81.10 +0 8/29/19 Consol Energy BO,DIR CONSOL Coal Res LP CCR B \$129,051 9/6/19 \$ 13.16 \$13.16 +0 9/10/19 Mastandrea James C CB,CEO Whitestone Reit WSR B \$126,400 9/6/19 \$ 12.64 \$12.63 | | |
| +0 8/29/19 Consol Energy BO,DIR CONSOL Coal Res LP CCR B \$129,051 9/6/19 \$ 13.16 \$13.16 16,811,818 0% 3 +0 9/10/19 Mastandrea James C CB,CEO Whitestone Reit WSR B \$126,400 9/6/19 \$ 12.64 \$12.63 1,027,250 1% 5 +1 9/13/19 Alvarado Marcos CIO,PR Safehold SAFE B \$125,860 9/12/19 \$ 29.00 \$28.70 25,891 20% 1,1 +0 8/22/19 Isaac Jon BO,CEO Live Ventures LIVE B \$122,788 9/11/19 \$ 7.00 \$6.34 1,554,467 1% | +0 8/29/19 Consol Energy BO,DIR CONSOL Coal Res LP CCR B \$129,051 9/6/19 \$ 13.16 \$13.16 +0 9/10/19 Mastandrea James C CB,CEO Whitestone Reit WSR B \$126,400 9/6/19 \$ 12.64 \$12.63 | | % 47,229 |
| +0 9/10/19 Mastandrea James C CB,CEO Whitestone Reit WSR B \$126,400 9/6/19 \$ 12.64 \$12.63 1,027,250 1% 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | +0 9/10/19 Mastandrea James C CB,CEO Whitestone Reit WSR B \$126,400 9/6/19 \$ 12.64 \$12.63 | 43,974 5% | 5,149 |
| +0 9/10/19 Mastandrea James C CB,CEO Whitestone Reit WSR B \$126,400 9/6/19 \$ 12.64 \$12.63 1,027,250 1% 5 | +0 9/10/19 Mastandrea James C CB,CEO Whitestone Reit WSR B \$126,400 9/6/19 \$ 12.64 \$12.63 | 811,818 0% | 364 |
| +1 9/13/19 Alvarado Marcos CIO,PR Safehold SAFE B \$125,860 9/12/19 \$ 29.00 \$28.70 25,891 20% 1,1 +0 8/22/19 Isaac Jon BO,CEO Live Ventures LIVE B \$122,788 9/11/19 \$ 7.00 \$6.34 1,554,467 1% | *** | | 508 |
| +0 8/22/19 Isaac Jon BO,CEO Live Ventures LIVE B \$122,788 9/11/19 \$ 7.00 \$6.34 1,554,467 1% | +1 9/13/19 Alvarado Marcos Cio,PR Saleriold SAFE B \$125,000 9/12/19 \$ 29.00 \$20.70 | | |
| 0 9/10/19 Desjarlais John R VP Xencor XNCR OB \$116,969 9/6/19 \$ 4.25 \$38.79 83,868 49% 2,1 | 000 +0 8/22/19 Isaac Jon BO,CEO Live Ventures LIVE B \$122,788 9/11/19 \$ 7.00 \$6.34 | 554,467 1% | 12 |
| | 0 9/10/19 Desjarlais John R VP Xencor XNCR OB \$116,969 9/6/19 \$ 4.25 \$38.79 | | 6 2,196 |
| 0 9/13/19 Massey Richard N DIR Fidelity Natl Finl FNF OB \$115,572 9/12/19 \$ 14.38 \$44.20 153,461 6% 12,1 | 0 9/13/19 Massey Richard N DIR Fidelity Natl Finl FNF OB \$115,572 9/12/19 \$ 14.38 \$44.20 | 153,461 6% | 12,129 |
| ● +0.5 9/11/19 Seibert Gregg A COO,VP Essential Prop Rity Tr EPRT B \$112,379 9/11/19 \$ 22.48 \$21.99 229,275 2% 1,6 | ● +0.5 9/11/19 Seibert Gregg A COO,VP Essential Prop Rity Tr EPRT B \$112,379 9/11/19 \$ 22.48 \$21.99 | 229,275 2% | 1,679 |
| 0 9/11/19 Maeda John DIR Sonos SONO OB \$108,480 9/9/19 \$ 13.56 \$13.66 83,425 11% 1,4 | 0 9/11/19 Maeda John DIR Sonos SONO OB \$108,480 9/9/19 \$ 13.56 \$13.66 | 83,425 11% | 6 1,452 |
| OOO +0 9/6/19 Hilson Joan M CFO Signet Jewelers SIG B \$108,459 9/6/19 \$ 14.46 \$13.84 33,127 29% 7 | +0 9/6/19 Hilson Joan M CFO Signet Jewelers SIG B \$108,459 9/6/19 \$ 14.46 \$13.84 | 33,127 29% | 6 722 |
| ● CARS B \$105,380 9/11/19 \$ 9.58 \$8.88 269,973 4% 5 | +1 8/7/19 Vetter Thomas Alex CEO,DIR Carscom CARS B \$105,380 9/11/19 \$ 9.58 \$8.88 | 269,973 4% | 592 |
| ● | +1 9/13/19 Loy Bertrand DIR Harvard Bioscience HBIO B \$104,535 9/13/19 \$ 3.05 \$2.68 | 157,343 28% | 6 102 |
| 0 9/12/19 Papastavrou Jason D DIR XPO Logistics XPO B \$103,703 9/10/19 \$ 75.42 \$69.36 13,875 11% 6,3 | 0 9/12/19 Papastavrou Jason D DIR XPO Logistics XPO B \$103,703 9/10/19 \$ 75.42 \$69.36 | 13,875 11% | 6,394 |
| +0 9/11/19 Lucier Gregory T DIR Catalent CTLT B \$103,280 9/9/19 \$ 51.64 \$55.24 38,921 5% 8,0 | +0 9/11/19 Lucier Gregory T DIR Catalent CTLT B \$103,280 9/9/19 \$ 51.64 \$55.24 | 38,921 5% | 8,049 |
| | | 578,991 4% | 137 |

See last page for the Key to Ratings, Titles & Transaction Type codes.





LARGEST INDIVIDUAL SALES (1-50)

Includes Transaction Types S, AS, JS*. Top 100 by dollar value, filed at the SEC in the past week.

Note: If Insider Rating Date > 3 Months Old or Insider Rating is Bullish, Recent Selling Activity is Considered Insignificant.

Generated with Special Screens tool at InsiderInsights.com using Pre-Programmed Screen: "Large Individual Sales (Week) + All Ratings".

| | | | | ngnes.com asing <u>rre</u> | | | <u></u> ,g | | | , | 95 . | | |
|---------|---------|-----------------------|----------|----------------------------|--------|----------|---------------|---------|------------------------|----------|------------|-----------|----------------|
| | | | | | | | Total | Latest | Ave. | | | Delta | Mkt |
| Insider | Rating | | | | | Trans | Purch | Trans | Purch | Recent | Subsequent | % | Сар |
| Rating* | | Insider Name | Title(s) | Company | Ticker | Type(s)* | Value | Date | Price | Price | Holdings | Own | (mm) |
| 000 -0 | | Thomas H Lee Adv | BO,DIR | Ceridian HCM | CDAY | JS* | \$728,000,000 | 9/6/19 | \$ 56.00 | \$58.06 | 47,469,384 | -21% | 8,255 |
| 000 -0 | | Kkr Fd LP | ВО | PRA Health Sciences | PRAH | JS* | \$649,401,664 | 9/6/19 | \$ 97.41 | \$97.72 | 29,300 | -100% | 6,436 |
| -0 | 9/10/19 | Kkr Pra Inv LP | ВО | PRA Health Sciences | PRAH | JS* | \$649,401,664 | 9/6/19 | \$ 97.41 | \$97.72 | 29,300 | -100% | 6,436 |
| 000 0 | 9/10/19 | Svf Bluebird \ | ВО | Guardant Health | GH | JS* | \$377,300,000 | 9/11/19 | \$ 77.00 | \$98.62 | 22,950,460 | -18% | 9,168 |
| 000 -0 | 7/8/19 | Aea Inv | ВО | GMS | GMS | JS* | \$183,798,816 | 9/9/19 | \$ 26.93 | \$23.84 | - | All | 963 |
| 000 -0 | 7/8/19 | Aea Inv Fd V | ВО | GMS | GMS | JS* | \$183,798,816 | 9/9/19 | \$ 26.93 | \$23.84 | - | All | 963 |
| 000 -0 | 7/29/19 | Zuckerberg Mark | BO,CB | Facebook | FB | AS | \$118,062,814 | 9/11/19 | \$ 188.00 | \$182.04 | - | All | 519,351 |
| 000 -0 | 8/1/19 | Cannae | BO,DIR | Ceridian HCM | CDAY | JS* | \$112,000,000 | 9/6/19 | \$ 56.00 | \$58.06 | 28,739,228 | -7% | 8,255 |
| 000 -0 | 9/6/19 | Caruso Daniel | CEO,DIR | Zayo | ZAYO | S | \$50,655,000 | 9/11/19 | \$ 33.77 | \$33.90 | 8,027,320 | -16% | 7,986 |
| 000 -0 | 9/12/19 | Sanofi | ВО | Regeneron Pharm | REGN | S | \$48,611,804 | 9/10/19 | \$ 281.15 | \$295.02 | 20,550,812 | -1% | 31,857 |
| 000 -0 | 8/28/19 | Cook Scott D | CB,DIR | Intuit | INTU | AS | \$37,136,892 | 9/9/19 | \$ 278.53 | \$275.71 | 8,453,365 | -2% | 71,476 |
| OOO -0 | 9/5/19 | Duffield David A | BO,DIR | Workday | WDAY | AS | \$30,048,720 | 9/12/19 | \$ 171.71 | \$193.37 | 175,000 | -50% | 43,702 |
| 000 -0 | 8/23/19 | Wilson Dennis J | 0 | Lululemon Athletica | LULU | S | \$29,159,464 | 9/9/19 | \$ 199.92 | \$183.97 | - | All | 23,967 |
| 000 -0 | 8/9/19 | Calkins Matthew W | BO,CEO | Appian | APPN | S | \$20,887,500 | 9/9/19 | \$ 55.70 | \$60.24 | - | All | 3,909 |
| 000 -0 | 8/7/19 | Koch C James | во,св | Boston Beer | SAM | AS | \$13,679,739 | 9/12/19 | \$ 390.85 | \$437.44 | 633,388 | -5% | 5,294 |
| 000 -0 | 9/10/19 | Brooks Richard Miles | BO,CEO | Zumiez | ZUMZ | AS | \$10,703,441 | | \$ 31.48 | \$24.88 | 2,733,024 | -11% | 640 |
| OOO -0 | | Lauren Family | во | Ralph Lauren | RL | AS | \$10,686,195 | | \$ 99.74 | \$87.90 | 428,576 | -20% | 6,788 |
| 000 -0 | | Sandberg Sheryl | | Facebook | FB | AS | \$10,316,967 | 9/9/19 | \$ 187.58 | \$182.04 | 1,362,683 | -4% | 519,351 |
| 000 -0 | | Volpi Michelangelo | DIR | Elastic NV | ESTC | S | \$8,875,394 | 9/11/19 | \$ 88.48 | \$83.25 | 3,176,110 | -3% | 6,273 |
| 000 -0 | | Steinert Langley | BO,CB | CarGurus | CARG | AS | \$8,357,010 | 9/11/19 | \$ 33.72 | \$32.15 | 7,670,206 | -3% | 3,587 |
| 000 -0 | | Shmunis Vladimir | BO,CB | RingCentral | RNG | AS | \$8,216,347 | 9/10/19 | \$ 131.46 | \$142.31 | 228,333 | -21% | 11,807 |
| 000 | | | | • | | | | | | | | | |
| 000 | | Grimes Scott D | | Cardlytics | CDLX | JS* | \$8,075,000 | 9/13/19 | \$ 32.30 | \$32.41 | 538,552 | -32% | 740 |
| 000 | | Mansueto Joseph D | BO,CB | Morningstar | MORN | AS | \$7,970,896 | | \$ 159.25 | \$155.56 | 64,436,682 | 0% | 6,652 |
| 000 -0 | | Pratt Brian | BO,DIR | Primoris Svs | PRIM | S | \$7,639,492 | 9/13/19 | \$ 20.52 | \$19.55 | 2,223,043 | -14% | 997 |
| 000 -0 | | Abramson Steven V | | Universal Display | OLED | AS | \$6,922,884 | 9/5/19 | \$ 222.02 | \$211.63 | 146,493 | -18% | 9,969 |
| 000 -0 | | Hilton Steven J | | Meritage Homes | MTH | S | \$6,767,813 | 9/12/19 | \$ 67.68 | \$65.13 | 577,319 | -15% | 2,493 |
| 000 0 | 9/13/19 | Lineage Cell Therap | ВО | OncoCyte | OCX | JS* | \$6,640,000 | 9/11/19 | \$ 1.66 | \$1.91 | 8,424,244 | -32% | 99 |
| 000 -0 | 8/8/19 | Hess John B | BO,CEO | Hess | HES | AS | \$6,487,528 | 9/11/19 | \$ 65.01 | \$63.95 | 10,759,002 | -1% | 19,472 |
| 000 -0 | 8/22/19 | Laube Lynne Marie | COO,DIR | Cardlytics | CDLX | JS* | \$6,460,000 | 9/13/19 | \$ 32.30 | \$32.41 | 315,222 | -39% | 740 |
| 000 -0 | 6/21/19 | Kellogg W K Fdn Tr | ВО | Kellogg | K | AS | \$6,308,790 | 9/10/19 | \$ 63.09 | \$63.87 | 63,431,840 | 0% | 21,756 |
| 000 -0 | 9/12/19 | Zhang Jack Y | BO,CEO | Amphastar Pharm | AMPH | JS* | \$6,246,000 | 9/11/19 | \$ 20.82 | \$22.56 | 7,027,679 | -4% | 1,065 |
| 000 -0 | 8/21/19 | Freda Fabrizio | CEO,DIR | Estee Lauder | EL | AS | \$5,951,351 | 9/6/19 | \$ 206.51 | \$202.56 | 68,174 | -30% | 73,301 |
| 000 0 | 9/11/19 | Williams Thomas L | CB,CEO | Parker-Hannifin | PH | S | \$5,801,454 | 9/10/19 | \$ 180.68 | \$164.45 | 130,176 | -20% | 21,097 |
| 000 -0 | 7/23/19 | Luddy Frederic B | DIR | ServiceNow | NOW | AS | \$5,605,544 | 9/9/19 | \$ 254.80 | \$264.64 | 169,015 | -12% | 49,620 |
| 000 -0 | 7/18/19 | Garrison Earl Wayne | DIR | JB Hunt Transport | JBHT | S | \$5,564,622 | 9/6/19 | \$ 111.29 | \$101.79 | 1,600,000 | -3% | 10,868 |
| OOO -0 | 8/22/19 | Morton David H Jr | CFO | Anaplan | PLAN | S | \$5,558,171 | 9/12/19 | \$ 48.30 | \$58.38 | 130,855 | -47% | 7,541 |
| 000 -0 | 9/11/19 | Perry Michael S | DIR | Arrowhead Pharm | ARWR | S | \$5,440,000 | 9/11/19 | \$ 29.41 | \$32.12 | 36,000 | -84% | 3,061 |
| 000 -0 | | Hogan Kathleen T | HR,VP | Microsoft | MSFT | S | \$5,409,972 | 9/10/19 | \$ 135.25 | \$137.78 | 198,042 | -17% | \$1.05bn |
| 000 -0 | | Lampert Edward S | ВО | AutoNation | AN | S | \$5,374,489 | 9/12/19 | \$ 52.02 | \$47.54 | 12,584,395 | -1% | 4,235 |
| 000 -0 | | Race Charles | 0 | Okta | OKTA | AS | \$5,366,951 | 9/10/19 | \$ 107.34 | \$133.87 | 9,753 | -84% | 15,280 |
| 000 -0 | | Ceran Jennifer | CFO,TR | Smartsheet | SMAR | AS | \$5,249,900 | 9/11/19 | \$ 38.89 | \$51.76 | 2,393 | -98% | 5,973 |
| 000 -0 | | Citron Jeffrey A | DIR | Vonage | VG | AS | \$5,019,833 | 9/11/19 | | \$13.37 | 450,000 | -47% | 3,237 |
| 000 -0 | | Lampropoulos Fred P | | Merit Medical Sys | MMSI | S | \$4,967,090 | 9/6/19 | \$ 30.70 | \$34.64 | 931,260 | -15% | 1,911 |
| 000 -0 | | Biddle Albert G W III | DIR | Appian | APPN | S | \$4,957,300 | 9/9/19 | \$ 55.70 | \$60.24 | 24,479 | -78% | 3,909 |
| 000 0 | | Bristow Peter M | BO,PR | First Citizens Banc | FCNCA | S | \$4,720,023 | 9/12/19 | \$ 472.00 | \$449.04 | 341,858 | -3% | 4,929 |
| 000 0 | | | | First Citizens Banc | | S S | | 9/12/19 | | | | | |
| 000 -0 | | Bristow Claire H | BO VP | Monolithic Power | FCNCA | | \$4,720,023 | | \$ 472.00 \$ 155.83 | \$449.04 | 341,858 | -3% 7% | 4,929 6.710 |
| 000 | | Sciammas Maurice | SO,VP | | MPWR | AS | \$4,539,133 | 9/6/19 | \$ 155.83 | \$155.37 | 359,685 | -7% | 6,719 |
| 000 | | Nelson Marilyn C | DIR | Inspire Medical Sys | INSP | AS | \$4,002,580 | 9/9/19 | \$ 66.71 | \$65.51 | 300,517 | -17% | 1,566 |
| 000 -0 | | Sammon John W Jr | BO,DIR | PAR Tech | PAR | AS | \$3,941,508 | 9/12/19 | \$ 23.85 | \$21.95 | 29,030,389 | -1% | 359 |
| 000 -0 | 8/22/19 | Johnson Mark A | DIR | Cardlytics | CDLX | JS* | \$3,230,000 | 9/13/19 | \$ 32.30 | \$32.41 | 191,353 | -34% | 740 |

See last page for the Key to Ratings, Titles & Transaction Type codes.





LARGEST INDIVIDUAL SALES (Continued 51-100)

Includes Transaction Types S, AS, JS*. Top 100 by dollar value, filed at the SEC in the past week.

Note: If Insider Rating Date > 3 Months Old or Insider Rating is Bullish, Recent Selling Activity is Considered Insignificant.

Generated with Special Screens tool at InsiderInsights.com using Pre-Programmed Screen: "Large Individual Sales (Week) + All Ratings".

| | | ' | | | isignes.com using <u>rie-</u> | | | | | , | <u>'</u> | <u> </u> | | |
|--------|----|---------|------------------------|----------|-------------------------------|--------|----------|-------------|---------|-----------|----------|------------|-------|-----------|
| | | | | | | | | Total | Latest | Ave. | | | Delta | Mkt |
| Inside | r | Rating | | | | | Trans | Purch | Trans | Purch | Recent | Subsequent | % | Cap |
| Rating | * | Date | Insider Name | Title(s) | Company | Ticker | Type(s)* | Value | Date | Price | Price | Holdings | Own | (mm) |
| 000 | -0 | 8/2/19 | Greenberg Jeffrey | DIR | Skechers USA | SKX | AS | \$3,210,000 | 9/13/19 | \$ 35.67 | \$31.09 | - | All | 4,874 |
| 000 | -0 | 8/19/19 | Blackford Quentin S | CFO,VP | DexCom | DXCM | S,AS | \$3,208,923 | 9/10/19 | \$ 145.82 | \$174.37 | 149,828 | -13% | 15,900 |
| 000 | -0 | 8/22/19 | Duncan Ronald A | DIR | GCI Liberty | GLIBA | S | \$3,188,190 | 9/11/19 | \$ 63.76 | \$60.38 | 872,217 | -5% | 6,376 |
| 000 | -0 | 6/24/19 | Benioff Marc | CB,CEO | salesforcecom | CRM | AS | \$3,038,098 | 9/12/19 | \$ 151.90 | \$148.24 | 61,517,600 | 0% | 129,747 |
| 000 | -0 | 8/29/19 | Maddox Matt | CEO,DIR | Wynn Resorts | WYNN | AS | \$2,932,383 | 9/12/19 | \$ 117.30 | \$110.13 | 435,954 | -5% | 11,852 |
| 000 | 0 | 9/13/19 | Mccallum Mark I | VP | Brown-Forman | BFB | JS* | \$2,924,474 | 9/12/19 | \$ 65.60 | \$58.35 | 27,104 | -62% | 27,633 |
| 000 | -0 | 8/29/19 | Omega Fd V LP | ВО | Gossamer Bio | GOSS | S | \$2,855,032 | 9/11/19 | \$ 21.28 | \$17.46 | 13,751,248 | -1% | 1,151 |
| 000 | -0 | 9/12/19 | Montoni Richard A | VCB | MAXIMUS | MMS | AS | \$2,762,274 | 9/12/19 | \$ 78.92 | \$77.54 | 314,874 | -10% | 4,948 |
| 000 | 0 | 8/7/19 | Turner M Terry | CEO,DIR | Pinnacle Finl Part | PNFP | S | \$2,686,879 | 9/12/19 | \$ 56.96 | \$53.31 | 347,893 | -12% | 4,102 |
| 000 | -0 | 8/7/19 | Kalbaugh John Andrev | v MD | LPL Finl | LPLA | AS | \$2,578,497 | 9/10/19 | \$ 80.28 | \$75.04 | 20,807 | -61% | 6,177 |
| 000 | -0 | 8/5/19 | Duda Kenneth | CTO,VP | Arista Networks | ANET | AS | \$2,553,470 | 9/10/19 | \$ 234.82 | \$227.28 | 64,518 | -14% | 17,420 |
| 000 | -0 | 9/4/19 | Dryden L Dyson | DIR | Lindblad Expeditions | LIND | AS | \$2,545,858 | 9/12/19 | \$ 17.88 | \$18.99 | 3,962,703 | -3% | 942 |
| 000 | -0 | 7/2/19 | Zuk Nir | CTO,DIR | Palo Alto Networks | PANW | AS | \$2,527,873 | 9/12/19 | \$ 210.66 | \$204.56 | 914,430 | -1% | 19,633 |
| •00 | -1 | 8/28/19 | Mosing Steven B | DIR | Franks Intl NV | FI | S | \$2,467,845 | 9/9/19 | \$ 4.44 | \$4.67 | 7,483,807 | -7% | 1,052 |
| 000 | -0 | 8/9/19 | Kramer Robert Charles | s DIR | Appian | APPN | AS | \$2,437,256 | 9/10/19 | \$ 48.39 | \$60.24 | 16,000 | -76% | 3,909 |
| 000 | 0 | 9/13/19 | Chadwick James M | DIR | Stewart Info Svs | STC | S | \$2,317,358 | 9/12/19 | \$ 35.27 | \$35.47 | 1,706 | -97% | 841 |
| 000 | 0 | | Demchak William S | CEO,PR | PNC Finl Svs | PNC | S | \$2,314,709 | 9/12/19 | \$ 135.11 | \$126.42 | 490,847 | -3% | 56,289 |
| 000 | -0 | | Gruber Vinzenz P | PR,VP | Mondelez Intl | MDLZ | S | \$2,288,568 | 9/6/19 | \$ 56.68 | \$54.51 | 112,137 | -26% | 78,612 |
| 000 | -0 | | Otto Bernstein Kathari | | Retail Value | RVI | S | \$2,208,568 | 9/11/19 | \$ 37.18 | \$37.77 | 1,376,576 | -4% | 720 |
| 000 | -0 | | Zulueta Alfonso G | PR,VP | Eli Lilly & Co | LLY | AS | \$2,202,715 | 9/3/19 | \$ 112.96 | \$111.61 | 38,306 | -34% | 107,752 |
| 000 | -0 | | Hertia John | VP | Bio-Rad LABS | BIO | JS* | \$2,172,987 | 9/12/19 | \$ 335.49 | \$341.95 | 53,794 | -11% | 10,189 |
| 000 | -0 | | Sayer Kevin R | CB,CEO | DexCom | DXCM | | | | | | | | |
| 000 | -0 | | • | | | FB | S | \$2,146,269 | 9/9/19 | \$ 149.86 | \$174.37 | 232,937 | -6% | 15,900 |
| 000 | | | Fischer David B | 0 | Facebook | | AS | \$2,137,265 | 9/3/19 | \$ 184.12 | \$182.04 | 49,629 | -19% | 519,351 |
| 000 | -0 | | Hilton Michael F | CEO,DIR | | NDSN | S | \$1,947,714 | 9/12/19 | \$ 143.87 | \$134.82 | 430,372 | -3% | 7,751 |
| 000 | -0 | | Nicholls Timothy S | VP | Intl Paper Co | IP | S | \$1,909,728 | 9/12/19 | \$ 42.44 | \$38.86 | 60,490 | -43% | 15,266 |
| 000 | -0 | | Foate Dean A | CB,DIR | Plexus | PLXS | AS | \$1,890,000 | 9/11/19 | \$ 63.00 | \$58.43 | 204,753 | -13% | 1,711 |
| | -0 | | Parafestas Anastasios | | CarGurus | CARG | AS | \$1,889,710 | 9/12/19 | \$ 34.23 | \$32.15 | 13,333,113 | 0% | 3,587 |
| 000 | -0 | | Gaither James C | DIR | NVIDIA | NVDA | S | \$1,823,714 | 9/10/19 | \$ 182.37 | \$171.48 | 99,961 | -9% | 104,431 |
| 000 | -0 | | Rubin Kevin | CFO | Alteryx | AYX | AS | \$1,764,796 | 9/9/19 | \$ 135.75 | \$142.30 | 46,267 | -22% | 8,936 |
| 000 | -0 | 8/6/19 | Kiddoo Bruce E | VP | Maxim Integrated Prod | MXIM | S | \$1,762,125 | 9/12/19 | \$ 58.74 | \$54.61 | 48,284 | -38% | 14,814 |
| 000 | -0 | 9/6/19 | Christman Dan | VP | Marvell Tech | MRVL | S | \$1,619,454 | 9/9/19 | \$ 24.97 | \$24.80 | 1,629 | -98% | 16,393 |
| 000 | -0 | 9/13/19 | Gerard Steven L | DIR | CBIZ | CBZ | S | \$1,617,000 | 9/11/19 | \$ 23.10 | \$22.90 | 264,782 | -21% | 1,255 |
| 000 | -0 | 8/22/19 | Calderoni Frank | CB,CEO | Anaplan | PLAN | AS | \$1,611,585 | 9/12/19 | \$ 48.10 | \$58.38 | 1,490,563 | -2% | 7,541 |
| 000 | -0 | 7/11/19 | Tully Sean | FO | CME | CME | S | \$1,606,536 | 9/6/19 | \$ 223.13 | \$213.24 | 19,923 | -27% | 76,360 |
| 000 | -0 | 7/11/19 | Mader Mark Patrick | CEO,DIR | Smartsheet | SMAR | AS | \$1,537,521 | 9/11/19 | \$ 38.44 | \$51.76 | 68,753 | -37% | 5,973 |
| 000 | -0 | 9/12/19 | Merritt Douglas | CEO,DIR | Splunk | SPLK | AS | \$1,536,874 | 9/12/19 | \$ 115.20 | \$118.41 | 255,187 | -5% | 17,782 |
| 000 | -0 | 8/6/19 | Babinec Martin | DIR | TriNet | TNET | AS | \$1,491,867 | 9/9/19 | \$ 63.48 | \$67.60 | 627,869 | -4% | 4,728 |
| 000 | -0 | 8/5/19 | Marcus Joel S | CB,DIR | Alexandria RE Equities | ARE | S | \$1,489,313 | 9/6/19 | \$ 152.75 | \$149.41 | 445,962 | -2% | 16,946 |
| 000 | -0 | 8/12/19 | Janik James L | CB,DIR | Douglas Dynamics | PLOW | AS | \$1,435,942 | 9/13/19 | \$ 44.02 | \$41.88 | 309,299 | -10% | 955 |
| 000 | -0 | 8/1/19 | Kurland Stanford L | CB,DIR | PennyMac Finl Svs | PFSI | AS | \$1,382,040 | 9/12/19 | \$ 30.71 | \$28.43 | 270,695 | -14% | 2,235 |
| 000 | -0 | 8/19/19 | Balo Andrew K | 0 | DexCom | DXCM | AS | \$1,380,234 | 9/9/19 | \$ 151.56 | \$174.37 | 60,302 | -13% | 15,900 |
| 000 | 0 | | Lemaitre George W | во,св | LeMaitre Vascular | LMAT | AS | \$1,348,866 | 9/13/19 | \$ 34.86 | \$31.45 | 3,097,035 | -1% | 624 |
| 000 | -0 | | Solotar Joan | 0 | Blackstone | BX | S | \$1,345,750 | 9/13/19 | \$ 53.83 | \$49.80 | 235,803 | -10% | 59,092 |
| 000 | -0 | | Ranhoff David A | VP | Enphase Energy | ENPH | AS | \$1,313,174 | 9/4/19 | \$ 28.66 | \$33.75 | 744,703 | -6% | 4,117 |
| 000 | -0 | | Zuraitis Marita | | Horace Mann Educator | HMN | AS | \$1,303,805 | 9/11/19 | \$ 46.56 | \$43.78 | 491,705 | -5% | 1,804 |
| 000 | -0 | | Powell Dennis D | DIR | Applied Materials | AMAT | S | \$1,297,214 | 9/5/19 | \$ 51.44 | \$47.03 | 69,447 | -27% | 44,025 |
| 000 | -0 | | Tynan Glenn E | CFO,VP | Curtiss-Wright | CW | S | \$1,281,373 | 9/9/19 | \$ 128.14 | \$122.97 | 32,106 | -24% | 5,255 |
| 000 | -0 | | Amin Tarang | | elf Beauty | ELF | AS | \$1,258,231 | 9/12/19 | \$ 16.13 | \$18.24 | 619,504 | -11% | 910 |
| 000 | -0 | | | | Falcon Minerals | FLMN | S | \$1,241,856 | 9/11/19 | \$ 7.04 | \$6.43 | 687,309 | -20% | 552 |
| 000 | -0 | | Capossela Christophe | | Microsoft | MSFT | S S | | | | | 119,579 | -7% | \$1.05bn |
| | | | caposseia Criristophe | | | | J | \$1,220,217 | 9/10/19 | \$ 135.58 | \$137.78 | 118,019 | -7 70 | וועטט.ו ע |

See last page for the Key to Ratings, Titles & Transaction Type codes.



Page 21 Sep 16, 2019



LARGEST FORM 3 FILINGS

Includes Transaction Type 3. Top 50 by Subsequent Holdings, filed at the SEC in the past week.

Note: If Insider Rating Date > 3 Months Old, Recent Form 3 Activity is Considered Insignificant.

Generated with Special Screens tool at InsiderInsights.com using Pre-Programmed Screen: "Largest Form 3 Filings (Week) + All Ratings"

| | | • | <u> </u> | 3 | | | | <u>, , </u> | | | |
|----------------|-----------|---------------------------|-----------|--------------------------|---------|----------|---------|--|------------|---------|---------|
| | D :: | | | | | <u>-</u> | Latest | | | Mkt | 10-Day |
| Insider | Rating | Lore Vallage Mileson | T'11. | C | Theless | Trans | Trans | Recent | Subsequent | Cap | Ave Vol |
| Rating* | | | Title | Company | Ticker | Type(s)* | Date | Price | Holdings | (mm) | (m) |
| 000 -0 | | | ВО | Pieris Pharm | PIRS | 3 | 9/6/19 | \$4.54 | 4,982,268 | 224 | 450 |
| 000 +0 | | | ВО | Cidara Therap | CDTX | 3 | 9/3/19 | \$1.41 | 4,781,408 | 38 | 50 |
| 000 -0 | 6/24/19 | | FO,VP | Extraction Oil & Gas | XOG | 3 | 9/4/19 | \$4.21 | 114,481 | 580 | 3,010 |
| 000 -0 | 8/7/18 | | PR | Kraft Heinz Co | KHC | 3 | 9/1/19 | \$25.62 | 73,517 | 31,256 | 11,220 |
| NR | NR | Bracke Peter | CFO | Garrett Motion | GTX | 3 | 9/6/19 | \$11.11 | 52,134 | 829 | 470 |
| 000 -0 | 6/3/19 | Bacher Chad | 0 | Carbonite | CARB | 3 | 9/4/19 | \$13.40 | 48,451 | 465 | 820 |
| 0-0 | 6/3/19 | Lonas Hal C Jr | СТО | Carbonite | CARB | 3 | 9/11/19 | \$13.40 | 48,451 | 465 | 820 |
| ● ○○ +1 | 9/3/19 | Zeterberg Bridgett C | GC,HR,SEC | Tuesday Morning | TUES | 3 | 9/10/19 | \$1.47 | 41,377 | 69 | 240 |
| 000 +0 | 3/27/19 | Benson Todd Willard | PR | Helmerich & Payne | HP | 3 | 9/4/19 | \$39.04 | 24,728 | 4,272 | 1,520 |
| 000 -0 | 2/22/19 | Miln James | CFO | Yelp | YELP | 3 | 9/2/19 | \$32.89 | 23,838 | 2,336 | 2,220 |
| OOO +0 | 8/19/19 | Lehner John | VP | State Street | STT | 3 | 9/3/19 | \$51.14 | 21,184 | 19,054 | 2,990 |
| 000 -0 | 6/24/19 | Saeger Timothy | VP | iRobot | IRBT | 3 | 9/6/19 | \$65.47 | 19,673 | 1,841 | 870 |
| 000 -0 | 8/23/19 | Mcphail Richard V | CFO,VP | Home Depot | HD | 3 | 9/1/19 | \$221.02 | 18,262 | 243,185 | 5,310 |
| 000 +0 | 8/12/19 | Davis Mark Burton | CAO,VP | Tile Shop | TTS | 3 | 9/6/19 | \$2.76 | 17,850 | 141 | 500 |
| 000 +0.5 | 8/22/19 | Seaton David Thomas | DIR | Mosaic Co | MOS | 3 | 9/9/19 | \$19.07 | 16,570 | 7,359 | 4,610 |
| OOO +0 | 9/4/19 | Fairclough Brett | COO | Virtu Finl | VIRT | 3 | 9/13/19 | \$18.17 | 16,456 | 3,463 | 1,130 |
| OOO +0 | 8/19/19 | Banerjee Aunoy | VP | State Street | STT | 3 | 9/3/19 | \$51.14 | 13,288 | 19,054 | 2,990 |
| 000 -0.5 | 6/24/19 | Nyrop Michele | HR,VP | Gap | GPS | 3 | 9/9/19 | \$17.75 | 12,235 | 6,709 | 9,820 |
| 000 -0 | 6/27/19 | Pintozzi John C | CAO,CT | Allstate | ALL | 3 | 9/3/19 | \$104.50 | 10,756 | 34,401 | 1,450 |
| OOO +0 | 8/15/19 | Koharik Edward Joseph III | coo | Air Transport Svs | ATSG | 3 | 9/6/19 | \$20.49 | 7,500 | 1,216 | 310 |
| OOO -0 | 9/10/19 | Bohnert Denise M | ССО | Amedisys | AMED | 3 | 9/1/19 | \$133.01 | 6,479 | 4,280 | 190 |
| 000 0 | 5/29/19 | Spark Frances | DIR | AGNC Inv | AGNC | 3 | 9/11/19 | \$15.90 | 5,000 | 8,710 | 5,380 |
| OOO +0 | 8/12/19 | Trimberger Lisa G | DIR | Luxfer PLC | LXFR | 3 | 9/1/19 | \$16.14 | 5,000 | 422 | 180 |
| 000 -0 | 2/27/19 | Vig Ritu | LO | SP Plus | SP | 3 | 9/1/19 | \$34.72 | 4,783 | 797 | 70 |
| 000 0 | 5/14/19 | Turner K Rick | DIR | UGI | UGI | 3 | 9/5/19 | \$48.85 | 4,144 | 10,208 | 2,840 |
| 000 -0 | 7/12/19 | Phelan Cathal G | DIR | IMPINJ | PI | 3 | 9/3/19 | \$37.75 | 2,000 | 822 | 230 |
| 000 -0 | | | VP | Rogers | ROG | 3 | 9/5/19 | \$135.65 | 1,807 | 2,518 | 140 |
| 000 -0 | | | GC | Inspired Ent | INSE | 3 | 9/1/19 | \$6.82 | 1,749 | 156 | 20 |
| OOO +0 | | | CFO | Arcadia Biosciences | RKDA | 3 | 9/1/19 | \$6.57 | 1,238 | 41 | 14,740 |
| 000 -0 | | • | DIR | Urstadt Biddle Prop | UBA | 3 | 9/4/19 | \$21.15 | 1,200 | 799 | 90 |
| NR | NR | ' | DIR | Aberdeen Japan Equity Fd | JEQ | 3 | 9/4/19 | \$6.99 | 1,000 | 94 | 20 |
| 000 0 | | | DIR | UGI | UGI | 3 | 9/5/19 | \$48.85 | 637 | 10,208 | 2,840 |
| 000 -0 | | | COO | Super Micro Computer | SMCI | 3 | 9/6/19 | \$20.00 | 606 | 998 | 120 |
| 000 -0 | | | CEO.DIR | Melinta Therap | MLNT | 3 | 9/5/19 | \$2.52 | 600 | 35 | 470 |
| 000 -0 | | | VP | Everbridge | EVBG | 3 | 9/4/19 | \$85.19 | 365 | 2,859 | 390 |
| -0 | 0/2 1/ 19 | HVIII VOITIOII | VI | Lvcibilage | LVDG | J | 314113 | ψυυ. 19 | 303 | 2,009 | 390 |





SAVING YOU TIME. IMPROVING YOUR RESEARCH.

Academic studies and the experience of professionals back the common sense conclusion that the Form 4 data filed daily at the SEC is a profitable data stream to mine for investment intelligence. But most analysts and investors use commodity insider feeds that are full of noise and time-consuming to analyze, or expensive ratings services that employ last century's simplistic insider scoring methodology.

InsiderInsights combines statistical returns with behavioral analysis to effectively quantify this valuable qualitative information feed. Decades of experience analyzing insider filings is programmed into our systems for harvesting, tagging, and analyzing the insider trading forms as soon as they arrive at the SEC each day, so clients can efficiently use insider data as a primary, secondary or tertiary research input.

InsiderInsights compiles Daily & Weekly reports that list US equities with recent insider activity, along with our proprietary, independently validated Company Ratings clearly indicating the Significance Level of insiders' sentiment on their stock. Our Monthly Special Screens further combine our Ratings with various fundamental and price action criteria, to highlight the best value, growth, momentum, and short ideas coming from the executive suite.

For information about our Company Ratings, Online Screening Tools, Portfolio Alerts, bulk seat-based subscriptions, and API Products, Call (212) 784-6860 or email <u>Jonathan@InsiderInsights.com</u>.

KEY FOR TITLE CODES:

A=Assistant, Al=Affiliated Investor, AO=Accounting Officer, BD=Business Development, BO=Beneficial Owner, CAO=Chief Accounting Officer, CB=Chairman, CCO=Chief Compliance Officer, CEO=Chief Executive Officer, CFO=Chief Financial Officer, CIO=Chief Information Officer, CO=Compliance Officer, COO=Chief Operating Officer, CT=Controller, CTO=Chief Technology Officer, DIR=Director, F=Founder, FO=Financial Officer, GC=General Counsel, HR=Human Resources, IO=Information Officer, IR=Investor Relations, LO=Legal Officer, MD=Managing Director, O=Officer, OO=Operating Officer, PR=President, PT=Partner, REL=Relative of insider, SEC=Secretary, SH=Shareholder, SO=Sales Officer, TO=Technology Officer, TR=Treasurer, TT=Trustee, VCB=Vice Chairman, VP=Vice President, X=Ex Officer or other title displayed.

KEY FOR TRANSACTION TYPE CODES:

- B = Open-Market Insider Buy.
- S = Open-Market Insider Sale.
- AB = Automatic Buy through the insider's 10b5-1 program.
- AS = Automatic Sale through the insider's 10b5-1 program
- JB* = Supposed Open-Market Acquisition done outside the price range or trading volume on the day.
- JS* = Supposed Open-Market Disposition done outside the price range or trading volume on the day.
- OB = Option Exercise that was not sold at all.
- OE* = Option Exercise that was only partially sold.
- OS* = Partial Sale of Exercised Options.
- OE = Option Exercise that was completely sold.
- OS = Complete Sale of Exercised Options.
- JB = Non Open-Market Acquisition (Transaction Price is often unrelated to market price on the day).
- JS = Non Open-Market Disposition (Transaction Price often unrelated to market price on the day).
- 3 = Form 3 filing indicating new insider. New insiders must file a Form 3 whether or not they have any holdings in the company.

KEY FOR INSIDERINSIGHTS COMPANY RATINGS:

SIGNIFICANTLY BULLISH

| 000 | +2 | SIGNIFICANTLY BULLISH | Some Significantly Bullish and Bearish Ratings are clearly stronger than others. Reasons for a Significant Rating garnering 2 or 3 colored icons instead of just one include: clusters of insiders acting similarly; insiders having very predic- | | | | | | |
|-----|------|------------------------------------|---|--|--|--|--|--|--|
| •00 | +1 | SIGNIFICANTLY BULLISH | tive track records (as per our Insider Statistics); large \$ value transactions, and trades resulting in large changes in | | | | | | |
| 000 | +0.5 | LEANING BULLISH | Idings; transactions that represent reversals of opinion, and; many other proprietary metrics and behavioral factors. | | | | | | |
| 000 | +0 | INSIGNIFICANTLY BULLISH | Despite computing and relaying different strengths of Significant insider signals, however, we do not purport that a +3 or –3 Significance Rating is three times more likely to be correct, or is more likely to result in a larger stock move. | | | | | | |
| 000 | 0 | CONFLICTING PURCHASES & SALES | • Our back tests and experience indicate that the major alpha generation comes from the fact that a stock's insider | | | | | | |
| | - | | activity has surpassed our calculated threshold of Significance. The strength of Significance is less important. | | | | | | |
| 000 | -0 | INSIGNIFICANTLY BEARISH | ♦ It is further valid to consider stocks with Ratings that are merely Leaning Bullish or Bearish in your long and short | | | | | | |
| 000 | -0.5 | LEANING BEARISH | analysis, as these Ratings have also proved to generate alpha, though less than Significant Ratings. | | | | | | |
| •00 | -1 | SIGNIFICNATLY BEARISH | • Ratings should also be interpreted in concert with a stock's price action. It is normal behavior for insiders to buy | | | | | | |
| ••• | -2 | SIGNIFICNATLY BEARISH | when their stock has fallen in price, and sell when it rises sharply. So even an Insignificantly Bullish Rating on a stock that has doubled, or Insignificantly Bearish Rating on a stock that has halved in price imparts intelligence. | | | | | | |
| 000 | -3 | SIGNIFICNATLY BEARISH | Our Ratings are considered "active" for 3 months, or until replaced by another Rating. | | | | | | |
| | | | | | | | | | |
| | +200 | Purchases During Corporate Action. | May occasionally relay arbitrage intelligence. | | | | | | |
| | +100 | Purchases Related to IPO. | Value of investment intelligence is uncertain when stock is unseasoned. | | | | | | |
| | -100 | Sales Related to IPO. | Value of investment intelligence is uncertain when stock is unseasoned. | | | | | | |
| | -200 | Sales During Corporate Action. | May occasionally relay arbitrage intelligence. | | | | | | |
| | NR | Not Yet Rated. | There has not been a combination of insider activity and other factors to warrant a Rating. | | | | | | |

DISCLAIMER:

At the time of publication, employees and clients of Ex Officio LLC (DBA InsiderInsights.com), or Insider Asset Management LLC may hold a position in a security that is listed in InsiderInsights Daily Insider Ratings Report (the "Product"). A LISTING IN THE PRODUCT DOES NOT CONSTITUTE A SOLICITATION OR RECOMMENDATION TO BUY OR SELL THE SECURITES OF THE PUBLICLY TRADED COMPANY. Ex Officio LLC, Insider Asset Management LLC and its employees are not registered as a securities broker-dealer or an investment adviser with the U.S. Securities and Exchange Commission. Insider Asset Management LLC is registered with the state securities regulatory authority in the State of New York. The Product contains opinions and is provided for informational purposes only. You should not rely solely upon the Product for purposes of transacting securities or other investments, and you are encouraged to conduct your own research and due diligence, and to seek the advice of a qualified securities professional, before you make any investment. None of the information contained herein constitutes, or is intended to constitute a recommendation of any particular security or trading strategy or a determination that any security or trading strategy is suitable for any specific person. To the extent any of the information contained herein may be deemed to be investment advice, such information is impersonal and not tailored to the investment needs of any specific person.



Interpreting our color-coded Ratings icons is straightforward: Green is Bullish; Red is Bearish.