WHAT MARKET TECHNICIANS SEE NEXT · PAGE 25

BARRON'S

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ACT NOW

IT'S AN ALL-FRONTS WAR ON COVID-19

WASHINGTON MUST GO BIG
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THIS TIME, BANKS CAN HELP
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As Covid-19 rages across the globe, people are dying and economies are grinding to a halt. Washington must act in unity and take Covid-19 as seriously as an attack on the nation itself. Huge resources must be directed to the health-care system so that it is not overwhelmed. Empty buildings must be converted into hospitals, and idle factories need to ramp up production of ventilators and other crucial medical equipment. The global financial system must be shored up or risk collapse. Governments must ensure that businesses large and small can survive a shutdown until the battle is won. Our lives depend on it. Investors are watching closely, but ultimately history will judge our actions.

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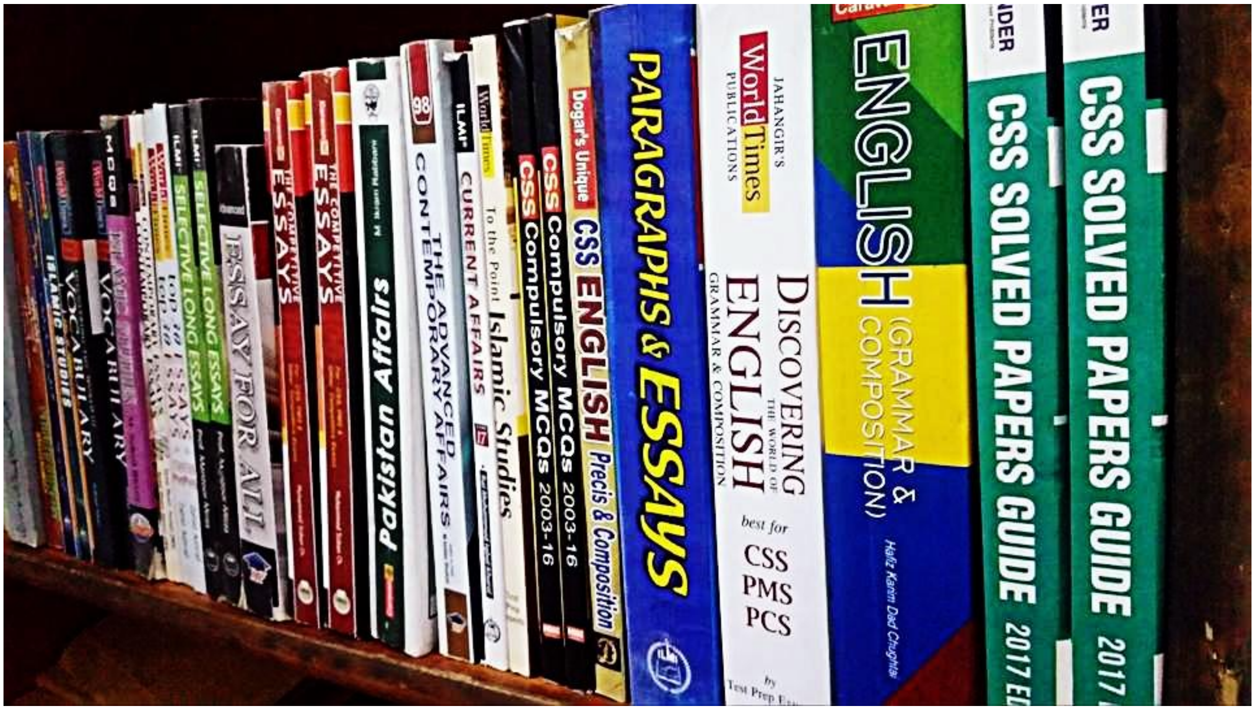
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By Nawaz Khalid

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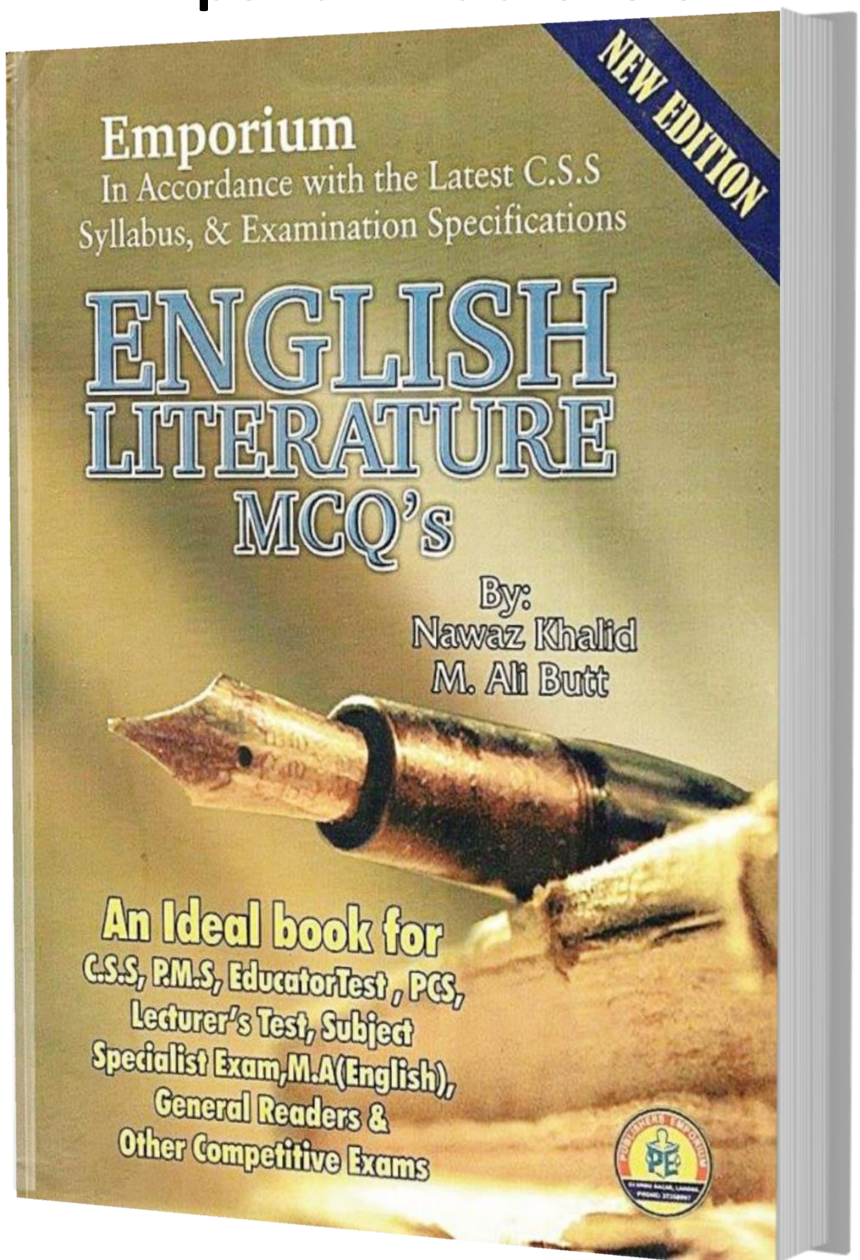

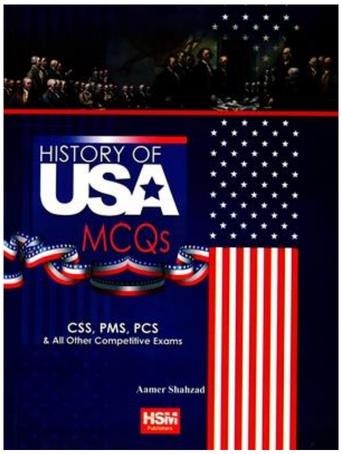
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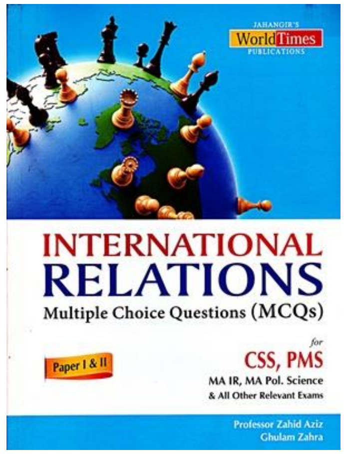
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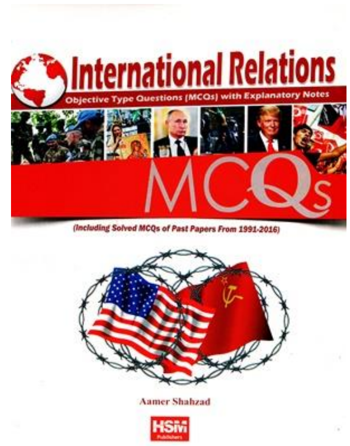
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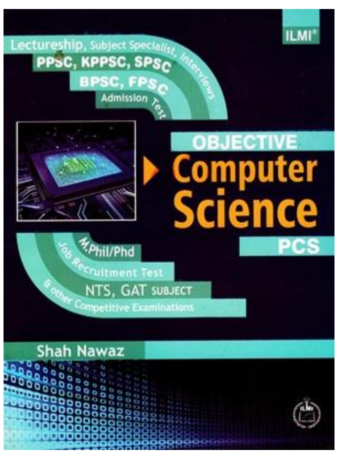
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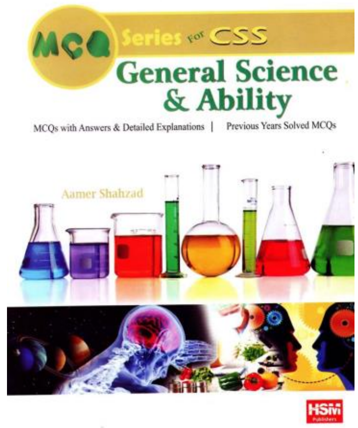
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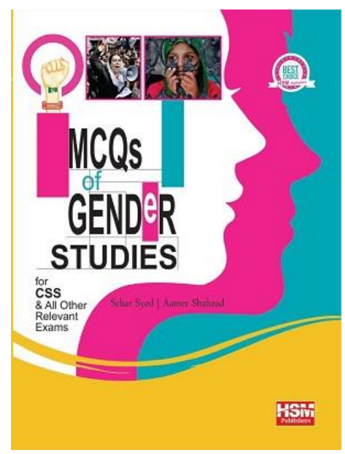
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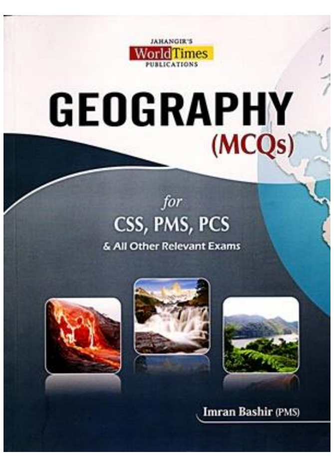
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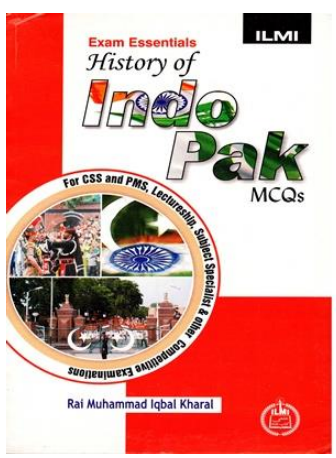
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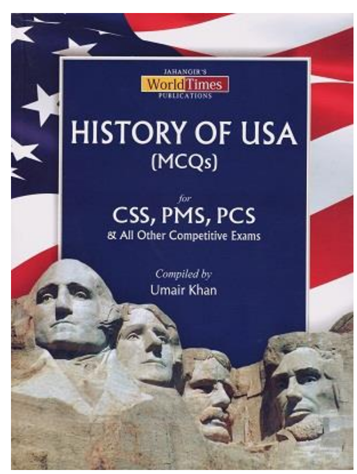
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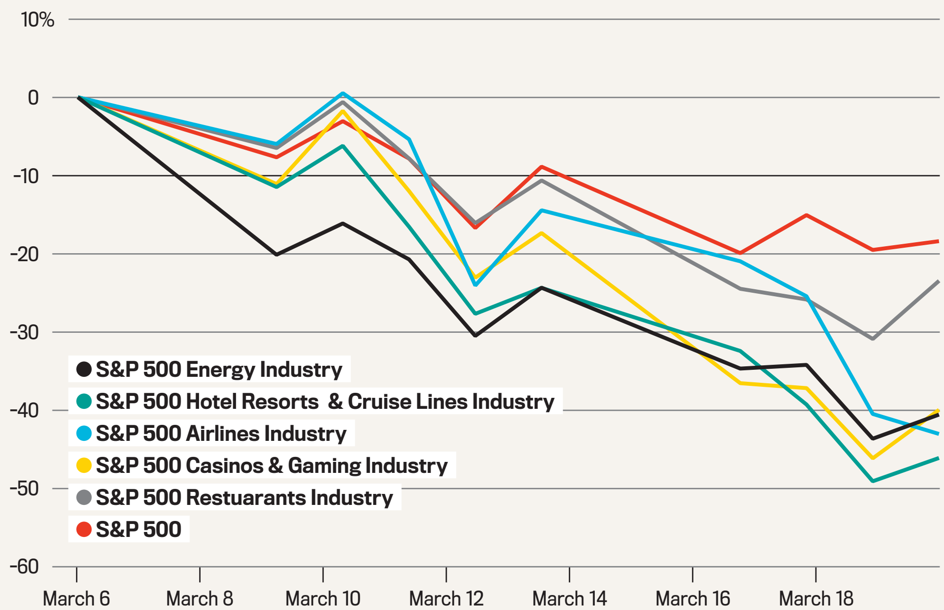

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UP & DOWN WALL STREET

The market's unsettling paroxysms reflect a massive economic contraction that is just beginning.

Buckle Up Your Money Belts, Investors

By Randall W. Forsyth

After a week of an unprecedented public-health crisis that has all but brought business, travel, entertainment, and education to a halt as virtually all Americans were told to remain at home, how wonderful would it have been to have been forewarned of the cataclysm to come?

In addition to being able to stockpile hand sanitizer and toilet paper before they were stripped from store shelves, you might have been able to avoid at least part of the $12 trillion vaporization of stock-market wealth that occurred in just the past month, by **Wilshire Associates**' calculation. That included $4.3 trillion in the latest week—the worst hit since October 2008, at the height of the financial crisis.

A science-fiction fantasy of time travel? Not if you're among the privileged U.S. senators who presciently sold shares just before the market's vicious plunge. In particular, Sen. Richard Burr, Republican of North Carolina, who sold holdings on Feb. 13 worth some $628,000 to $1.7 million, **ProPublica** and the Center for Responsive Politics reported Thursday.

Burr, who sits on two committees that received detailed briefings about the coronavirus threat weeks before it battered stocks, sold hotel company shares that subsequently slid by 50% to 74%, according to The Wall Street Journal. Republican Sens. Kelly Loeffler and David Perdue of Georgia and James Inhofe of Oklahoma, along with the husband of Sen. Dianne Feinstein, Democrat of California, also were actively trading ahead of the market's swoon, the Journal added.

Burr said his sales followed what he gleaned from CNBC's health and science reports from Asia at the time.

The other senators said their investments were handled by advisors and not themselves. Would that we all had such prescient investment counselors.

Even with hindsight, however, their advice likely would have been to move from the risky equity market to the safer credit markets. That has proven almost as harmful to wealth, in many cases, as sticking to common stocks—despite the Fed's unprecedented efforts to prop up some bond-market sectors, including those beyond its usual U.S. Treasury and agency mortgage-backed securities purview.

After Jerome Powell & Co. stunned world markets late Sunday by slashing the key federal-funds target rate a full percentage point, all the way to its previous crisis low of 0%-0.25%, the Fed revived a number of crisis-era facilities, notably to support the market for commercial paper (short-term corporate IOUs). The Fed's total of direct purchases of securities and repurchase agreements mounted by the hour, and it also induced banks to borrow over $28 billion from its discount window as of Wednesday, a facility that had become stigmatized because depository institutions fear that using it could be seen as a sign of financial weakness.

Despite these exertions, the corporate, mortgage, and municipal markets were roiled by investors seeking or needing to sell securities, to raise cash to meet margin calls or simply to seek shelter from all the markets.

"I have never seen such volatility over a single week in corporate debt markets," says Cliff Noreen, head of global investment strategy at MassMutual, the big insurer, where he's been an investment pro for 35 years.

Among big-name U.S. companies, Noreen cites **General Electric**'s (ticker: GE) $11.4 billion 4.418% bonds due November 2035, which Friday traded at a price of 84.07 (or $840.70 per $1,000 face amount), for a yield of 6%, or 500 basis points (five percentage points) over comparable Treasury securities. GE's bonds—rated Baa1 by Moody's Investors Service and BBB+ by Standard & Poor's, three notches above speculative-grade junk—had fetched a premium price of 110 two weeks ago, Noreen notes.

In the high-yield sector, **Tesla**'s (TSLA) 5.30% notes due 2025 traded Friday at 81.50, a huge spread of 900 basis points. They had traded above 100 not long ago, he notes, as the electric auto maker cut its credit risk by wisely issuing $2.3 billion in equity in February, when its stock was near its 52-week high of $968.99, more than double Friday's close of $427.53.

The mortgage securities market also is in "upheaval," says Walter Schmidt, senior vice president for mortgage strategies at FHN Financial, because "leveraged players" have been forced to unwind positions. The Fed's stepped-up purchases Friday helped to settle the market, however.

While Schmidt didn't name names, the stocks of mortgage real estate investment trusts—both common and preferred—were under extreme pressure during the week, as they have been for a month. The iShares Mortgage Real Estate Capped exchange-traded fund (REM) is down 58.6% from its recent peak.

The muni-bond market also saw massive selling from redemptions by longer-term mutual and tax-exempt funds. Again, the Fed came to the rescue, offering support to short-term munis, analogous to what it provided for commercial paper. Still, the iShares National Municipal Bond ETF (MUB) ended Friday more than 13% below where it was in early March. Closed-end muni funds lost 25% or more.

These market paroxysms reflect a massive economic contraction that is just beginning. Last week, this column suggested that U.S. gross national product could see its most rapid fall on record, exceeding the 8% or so during the 2008 financial crisis or the credit controls of 1980. By Friday, respected major banks were ratcheting down their forecasts, with Goldman Sachs estimating that second-quarter GDP could shrink at an annual rate of 24%.

Rather than try to put a number on it, perhaps it's better to think in terms of biblical disasters. The best guess is this may last 40 days and 40 nights, like the flood Noah encountered. We're in the early days of being quarantined in our own arks. Maybe we'll see a dove when the waters are about to recede.

Treasury yields rose this past week while stocks slid. That's the opposite of the usual pattern when risky assets, such as equities, come under pressure. Normally, investors flock to the haven of government securities, pushing their prices higher and their yields lower. But this time, that relationship unraveled, with longer-term Treasuries failing to appreciate and to provide a cushion against falling stocks.

Is that good news or bad? With the ratcheting down of economic forecastsand the Federal Reserve's full-court press to ease credit—notably last Sunday evening's surprise cut in its main policy interest rate to near zero—bond yields should have fallen. But by Tuesday, they were soaring, with the

Stefani Reynolds/Bloomberg

Sen. Richard Burr, Republican of North Carolina, sold holdings on Feb. 13 worth some $628,000 to $1.7 million.

Up & Down Wall Street Continued

benchmark 10-year note back above 1%, nearly double its closing low yield of 0.569% touched on March 9, and the 30-year bond up to 1.692%, after having temporarily dipped below 1% a week earlier and ending at 1.022% on March 9.

That this came amid the gut-wrenching plunge in stocks and other risky assets, including corporate credit, suggested that something was amiss or, perhaps, had changed. The main suspect: forced selling, especially by highly leveraged hedge funds, whose models, based on the historical relationships between the markets, might have become unglued as volatility in all sectors shot up.

As is his wont, Jim Paulsen, the Leuthold Group's chief investment officer, sees the upturn in longer-term Treasury yields as a glass-half-full story. The history of market crashes since 1987 shows that the 10-year note's yield turns upward as a bear market is close to running its course, he writes in a client note.

Looking at the five crashes in the past third of a century, Paulsen found after the plunge in October 1987, the 10-year note's yield began a "major post-crash rise" on Nov. 20 and that the S&P 500 bottomed on Dec. 4. Although the bond's yield slid to a lower low in early 1988, stocks continued to recover. A similar pattern was seen in the 1998 stock plunge. Bond yields bottomed on Oct. 5, while shares made their final low on Oct. 8 and "never looked back" as yields turned higher. After the dot-com crash of 2000, the 10-year yield and the S&P 500 finally reached their bottoms on Oct. 9, 2002.

The period around the Great Financial Crisis was the exception to this pattern, Paulsen observes. The S&P 500 made an interim low on Nov. 20, 2008, at 752, while the 10-year Treasury tumbled to its crisis low on Dec. 30. The S&P's nadir was reached on March 9, 2009, at 677, but it spent only 11 trading days below the November low.

Paulsen sees this past record as a possible prologue, with Treasury yields having turned higher. Still, he concedes, the parade of bad news doesn't make it feel as if the bear market is winding down. Market distortions from the Fed and the Treasury could potentially invalidate the positive message of higher yields, he concedes. But that also was the case at the lows of 1987, 2002, and 2009, and there was plenty of Fed and Treasury actions in past crises. Although Paulsen cautions against betting the farm on any single indicator, it's a favorable sign amid widespread gloom.

But others see the jump in bond yields as indicating far less favorable trends. Michael Darda, chief economist and market strategist at MKM Partners, points to deflationary aspects, notably that the rise has been in real (adjusted for inflation) yields and lower inflationary expectations. At the same time, the dollar is being pushed steadily higher and gold lower, while credit spreads in investment-grade and high-yield corporate bonds have expanded sharply. All are negative indicators for growth.

The surge in real yields on Treasury inflation-protected securities, or TIPS, from minus 1% to plus 0.40%, since March 9 has been the biggest spike in market history, writes David P. Goldman, former head of bond research at Bank of America and other major banks, in the Asia Times. As a result, "bonds offer no refuge from collapsing stock prices."

The jump in real yields coincides with governments in Europe and now the U.S. preparing to massively increase borrowing to fund programs to counter the effects of the coronavirus crisis. "The market has set a limit to how much money governments can spend to indemnify the world economy against a global freeze-up in activity," Goldman contends.

"Before the present crisis, the U.S. government was running a deficit of more than $1 trillion, or over 4% of [gross domestic product], an extraordinarily high level at a time of full employment. The proposed stimulus measures will more than double the deficit, not including the nearly trillion dollars that the Federal Reserve is committed to spend to support the Treasury market, the interbank lending market, and—possibly—municipal and other bond markets.

"For the first time since the U.S. Civil War, the credit of the United States is in play," Goldman provocatively asserts.

At a minimum, the current bond market is providing a real-time experiment in the basic tenet of modern monetary theory, which holds that governments that borrow in their own currency can do so without limit, if it doesn't increase inflation. The prospect of annual federal deficits of $2 trillion or higher, with expanded Treasury auctions to fund them, may be weighing on the bond market. The counter-evidence comes from Japan, with a vastly higher government debt level and near-zero interest rates. But given that country's three lost decades since its financial bubble burst, that's hardly encouraging. B

email: randall.forsyth@barrons.com

STREETWISE

Will the recovery in GDP resemble a U, V, W, or dreaded L, where growth doesn't return to trend? Or a sharp rebound, but not to former levels right away?

A Few Good Stocks And Some Wild Market Predictions

By Jack Hough

Each day's virus news is heartbreaking. Wall Street is full of dread. I'm going to leave my metaphorical whoopee cushion in its drawer and write plainly about a few stocks for readers to consider, I told myself this past week. But there were two complications.

First, thinking about a metaphorical whoopee cushion reminded me that I own an actual whoopee cushion the size of a spare tire. One thing led to another, and I found myself clutching that crass noisemaker like bagpipes each time I turned on the financial channel. Call it stress relief, or a revolt against chaos, or the beginnings of work-from-home madness. All I know is that I've perfected a low, mournful rumble for when the Dow drops by more than 1,000 points; short, urgent blasts for late-day rallies; and a rising, inquisitive tone for press conferences about fiscal stimulus.

The second complication is even more serious. Now feels like an awful time to recommend stocks. Before trading started this past week, investment bank Jefferies published a list of 47 companies its analysts favor for strong fundamentals and compelling valuations. There were fine names on it, like **McDonald's** (MCD) and **Amazon.com** (AMZN). "Practically Stealing," the report was titled. By the end of Wednesday, some of the 47 were down 10%, 20%, and even more than 30%. Actual stealing would have been punished less harshly.

The Jefferies picks might be better deals now, but at some point, adding money to falling stocks starts to feel like dollar-cost hemorrhaging. I talked about that with a colleague, who said that if *Barron's* wrote about shares of good companies when the Dow was near 30,000, it should do so at Dow 20,000, too. I'm still trying to think of a comeback.

When will the stock market hit bottom? The S&P traded recently at 2,305. Goldman Sachs predicts a slide to 2,000 by midyear, followed by a blastoff to 3,200 by year's end. Its model is based on the index's valuation shriveling to barely 12 times earnings before puffing back up to over 18 times. I predict an index low that's one point higher than Goldman's low, and a high that's one point lower. My model is based on watching a lot of Showcase Showdowns on The Price Is Right.

Now the banks seem to be competing for the grossest domestic product forecast. J.P. Morgan sees GDP declining by 1.5% this year, which on its own seems OK, considering malls, restaurants, theme parks, stadiums, and theaters are sitting empty. But that figure assumes a 4% decline in the first quarter, then a 14% collapse in the second, followed by rebounds of 8% and 4% in the third and fourth quarters, respectively.

Bank of America expects a slightly less dire 12% contraction during the second quarter, which will translate to a 37% earnings plunge. Goldman took the bad-news lead on Friday, predicting a 24% decline in second-quarter GDP. All the banks forecast bungee-like returns to growth in the second half. That's called a V-shaped recession, where things bounce back quickly. The other letters are worse: a U-shape, with a longer trough; a W-shape, with more than one downturn; and the feared L-shape, where growth doesn't return to trend.

We've never entered a recession with interest rates this low and a deficit this large. If pressed to guess a letter shape, I'd look for one that suggests a sharp rebound, but not to former levels right away. Maybe an L popping a wheelie.

The market's price-to-earnings ratio is "pretty useless" here, BofA wrote on Thursday. "In a pandemic, new cases matter." It notes that Italy could serve as a leading indicator for the U.S., because "more aggressive quarantine/social distancing measures were implemented later than in Southeast Asia." So watch Italy closely for good news.

If you're buying stocks, financial strength is key. From the aforementioned Jefferies list, **Home Depot** (HD) generates more than $10 billion of free cash flow during ordinary times, which bodes well for its resilience during a downturn. Long-term, it stands to benefit from baby boomers upgrading homes to age in place, and more construction outside of city centers. Record-low mortgage rates don't hurt. Shares are down 23% this year. The dividend yield is 3.7%.

Mondelez International (MDLZ) is usually an expensive stock, but it's down 17% this year. It has better growth potential than the food group because of its exposure to snacks, a top-performing category, and to overseas markets like India, which have more room than the U.S. for increased food spending. Shares pay 2.5%.

For contrarians, **Chevron** (CVX) has lost half its value this year, and yields more than 8%, a level that suggests investors expect a payment cut. The world is awash in oil, and a Russian-Saudi price war isn't helping. But Jefferies describes Chevron as being able to break even at a lower oil price than nearly all its peers, and having the group's strongest balance sheet by far.

Blackstone Group (BX), the biggest alternative-assets manager, is down 27% this year. Having $150 billion in fresh dollars to put to work, and private-equity investors willing to lock up money for a long time, isn't such a bad hand now. The stock yields 4.8%.

For some hopeful news, read my Q&A with **Regeneron Pharmaceuticals** (REGN) CEO Leonard Schleifer, who talks about the race for a Covid-19 treatment (page 24). The stock is the best performer in the S&P 500 this year, but some buyers may be missing the point. "This is where the biotech industry shines in the ability to innovate and do right by humanity," Cowen analyst Yaron Werber told me on Friday. "This is not what we think is going to be a moneymaker."

Two other things will be more profitable for Regeneron. Short-term, its top-selling drug for macular degeneration, Eylea, could do better than expected, because a key competitor has had a safety setback. Longer-term, the same high-speed technology platform Regeneron hopes will yield a Covid-19 treatment—whereby mice are given human immune systems, causing them to create antibodies that can be used for people—will yield lucrative treatments for chronic diseases. Dupixent, the company's drug for eczema and asthma, came from this platform. It is expected to pass Eylea in sales next year.

Stay safe, look after your neighbors, and keep in touch. I'll be working on a jubilant whoopee-cushion roar to put into play once we've turned the corner B

Justin Sullivan/Getty Images

If you're buying stocks, financial strength is key. Among Jefferies' picks: Home Depot, Blackstone

PUBLISHER'S LETTER

Holding True to Our Mission in Turbulent Times

Dear *Barron's* readers,

I hope this note finds you well, in the safety of your home. The past few days feel like a nightmare. None of us have experienced simultaneous crises of this magnitude—an acute threat to the health of loved ones, neighbors, and ourselves; a sudden shock from near-full employment to what the Treasury secretary says could be as much as 20% unemployment; and a global financial crisis, with markets going haywire.

At *Barron's,* our reporters, editors, and other staff members largely have been working from home. They have worked all hours and across continents to provide you with the latest news and what it means to investors. Connected through video calls, we now get flashes of one another's living rooms, children, and emotions. We also feel connected to you, our readers, who have come to Barrons.com in greater force than ever before.

Throughout all of this week's news, we've kept our focus—the same focus that for nearly 99 years has served investors in the U.S. and beyond. Throughout this unprecedented all-fronts war on Covid-19, we will continue to give you our best analysis and news on all aspects of the crisis relevant to you: on the markets, the U.S. economy, global turmoil, and the health offensive. Uncertainty awaits as an invisible assailant moves among us. We will be alongside you to fulfill our mission: to put truth to good ends.

A.J. Latour
PUBLISHER

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Struggling to See the Bottom In Crude Oil's Price Slide

While plunges in the past have led to snapbacks, the coronavirus and oil geopolitics make this one different.

By AVI SALZMAN

Conventional wisdom holds that the cure for low prices is low prices. This past week, after another furious slide in crude oil, a Kentucky gas station dropped its price at the pump to 99 cents a gallon. Typically, such cheap gas means that people would buy more of it, and high demand would cause prices to rise again.

But the spread of the novel coronavirus makes that demand response impossible today. In fact, Citigroup analyst Ed Morse thinks demand could drop by as much as 14 million barrels of oil a day for two months, "multiple times larger than what the world has ever seen." For the year, global oil demand could fall by at least four million barrels a day, he estimates.

Morse says that oil prices could average as little as $17 a barrel in the second quarter, down from his previous bear case of $25. On Wednesday, West Texas Intermediate fell to $20.37 a barrel, its lowest level since 2002.

The other release valve for low oil prices is on the supply side. To stop oil prices from falling further, big producers need to slow their drilling and bring supply in line with demand. The major state-supported producers are doing exactly the opposite, however.

Saudi Arabia has been ramping up production, as have other members of the Organization of Petroleum Exporting Countries and major producers like Russia. Saudi Arabia plans to increase its production to 12.3 million barrels a day from 9.7 million in February.

What initially looked like a power play by the Saudis to draw Russia to the negotiating table now appears to be a strategy meant to restore the kingdom's long-term market-share dominance, partly by forcing higher-cost U.S. producers out of business.

The supply-demand imbalance could approach 10 million barrels a day for an extended period of time. As a practical matter, that will result in hundreds of millions of barrels of oil being put into storage throughout the world. It makes sense to hold oil now for sale later, because crude markets are in contango—futures dated next year are trading well above current-day prices. Oil tankers are being commissioned just to hold crude and refined products for sale at a later date.

The last time energy investors experienced such a breathtaking fall in oil prices was in 2014. In two years, West Texas prices dropped to $26 from $110. But oil didn't stay in the $20s for long. Within weeks, it was back into the $40s.

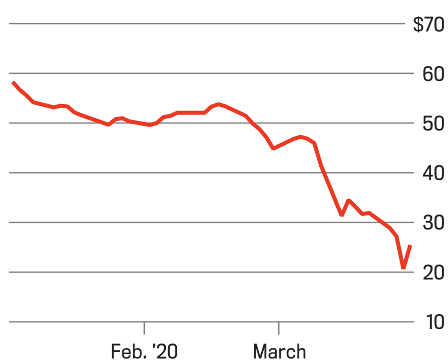
This time, that kind of snapback doesn't look likely.

The only way for oil prices to rise this time is if U.S. producers begin throwing in the towel. That is starting to happen, but probably not quickly or forcefully enough for the price to respond. Producers covered by SunTrust Robinson Humphrey analyst Neal Dingmann have announced about $11 billion in cuts to their capital budgets, he says, but how much they are actually cutting production isn't clear. What is clear is that it's not enough.

"As a result, we believe the best solution for most U.S. E&Ps is to drop activity to not only maintenance capital levels, but to essentially zero," Dingmann wrote. "We expect many of our operators will soon have to consider dropping to no activity when faced with the potential of even lower crude prices." B

The Price Collapse

West Texas Intermediate crude has tumbled since late January.



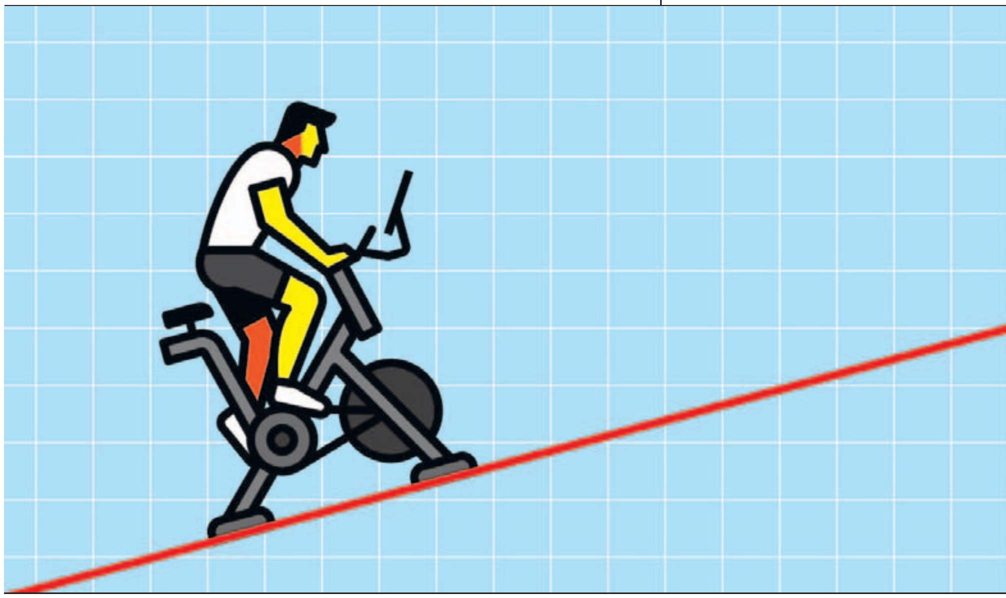
Data as of 3/19/20 Source: Bloomberg

REVIEW

19,173.98
Dow Industrials: -4,011.64

302.17
Dow Global Index: -41.54

0.93%
10-year treasury note: -0.02



STOCK RISES 16.7%

Peloton Beats The Bear

With gyms closed and Americans stuck at home, investors are warming to **Peloton Interactive** shares on the obvious theory that people will shift workout spending to home-based options like Peloton's connected stationary bikes. Peloton shares surged 13% on Tuesday to $25, and gained 16.7% for the week.

Bank of America analyst Justin Post repeated his Buy rating and $36 price target on shares of Peloton, which is shutting its studios and retail stores, but will stream classes and deliver bikes to those who order online. "With over 80 million gym members in Peloton's addressable markets (the U.S., U.K., Canada, and Germany), we think the at-home fitness trends will benefit near term from increasingly aggressive virus-containment measures," he writes. Peloton joins **Amazon.com, Activision Blizzard, Chewy, Netflix, Take-Two Interactive Software,** and **Ubisoft Entertainment** as Post's top bets.

Canaccord Genuity analyst Michael Graham is also bullish on Peloton, Netflix, and to a lesser extent **GrubHub** and **Spotify Technology.** He maintains a Buy rating and $40 target on the stock.

And Wedbush added Peloton to the firm's Best Ideas list. "We believe we are in the early stages of the 'work-in' trend, a long-term shift toward at-home fitness, based on a combination of worsening time poverty and evolving technology," the firm wrote. The company is not only insulated from the pandemic, but also "we see Peloton as a potential beneficiary of widespread social-distancing efforts, accelerating what we believe is already an inevitable shift." **–Eric Savitz**

THE NUMBERS

78 K

Unemployment claims in Ohio over three days this week, compared with 3,000 in the same period a week earlier

2 M

The estimated number of unemployment claims expected nationally this week

-12.7

Philadelphia Fed Manufacturing Index for March, down from 36.7 in February

85.47

Cboe Volatility Index high for last week, hit on Wednesday, just below the 89.53 on Oct. 24, 2008, so-called "Bloody Friday."

To get Numbers by Barron's daily, sign up wherever you listen to podcasts or at Barrons.com/podcasts

HE SAID

"The thing that fiscal policy—and, really, only fiscal policy—can do is reach out to affected industries and affected workers."

Federal Reserve Chairman Jerome Powell

Uncertainty Unleashed

The Federal Reserve cut interest rates on Sunday, and Monday saw carnage, with another circuit-breaker halt and the Dow industrials losing 3,000 points. President Trump acknowledged that a recession might be in the works. Volatility raged, with stock futures rising on Monday night and tripping the limits-up breaker. On Tuesday, Fed moves to keep credit flowing triggered a rally. Stocks continued to swing wildly through the rest of the week, with oil prices skidding to about $20 a barrel, then rising on a big U.S. oil-reserve buy. On the week—cover your eyes—the Dow lost 17.3%, to 19,173.98; the S&P 500 fell 15%, to 2304.92; and the Nasdaq Composite retreated 12.6%, to 6879.52. They are the steepest weekly declines since October 2008.

Stimulus Therapy

On Sunday, the Fed dropped rates to 0%-0.25% and said it would begin to buy $700 billion in Treasuries and mortgage securities—actions taken to combat the economic disruption brought on by Covid-19. The biggest banks said they would put share buybacks on hold, and they began to borrow from the Fed, steps they had avoided since the financial crisis. The Fed also launched facilities to provide support for primary dealers, commercial paper, and money-market mutual funds, and to supply dollars to central banks. The president signed a second rescue bill, for $100 billion, providing sick leave and free testing, and Congress tackled a trillion-dollar stimulus that would include industry bailouts—$50 billion for the airlines, among others—and $500 billion to Americans. The Treasury Department extended tax filing to July 15.

Flattening the Curve

Covid-19 cases outside China exceeded those inside China for the first time, as the epicenter of the crisis moved to Europe. Italy's death toll exceeded China's, Spain went into lockdown, Germany closed its borders, and France announced a nationwide quarantine. The U.S. travel ban from Europe (the United Kingdom now included) created bottlenecks in U.S. airports. Much of the Las Vegas Strip closed, as did Colorado ski resorts and New York City schools. San Francisco became the first major U.S. city to go into lockdown, followed by all of California. Unemployment claims soared. For all of that, a poll showed nearly 40% of Americans didn't believe the virus was a threat.

Biden Rolls On

Former Vice President Joe Biden significantly lengthened his lead over Sen. Bernie Sanders for the Democratic presidential nomination. Biden won in Arizona, Illinois, and Florida. Ohio canceled its primary as a public health measure.

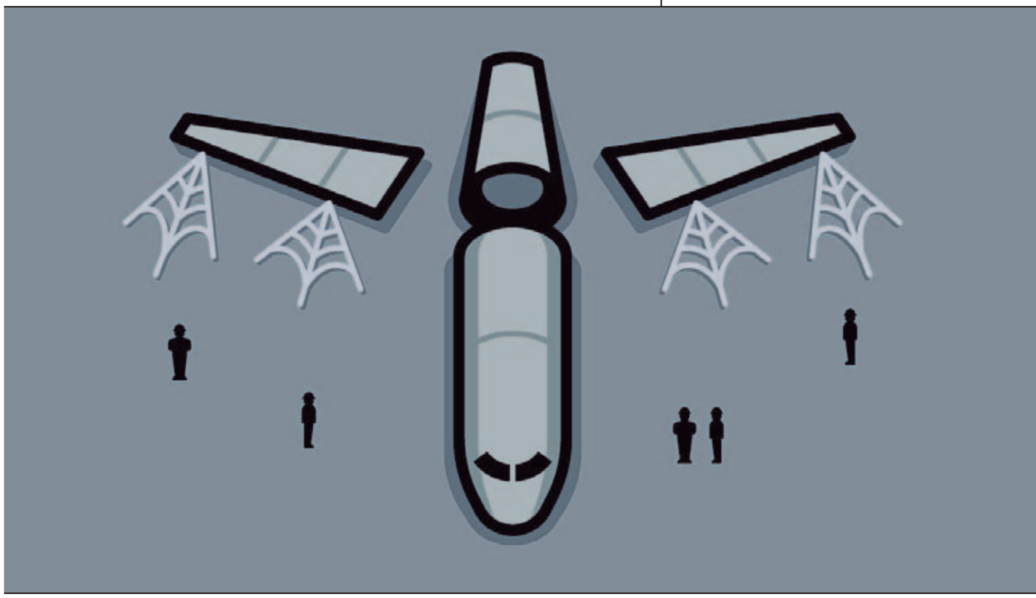
Press War

China revoked press credentials from reporters of The Wall Street Journal, the New York Times, and the Washington Post, an escalation of retaliation that included the expulsion of three Journal reporters from China and U.S. measures against Chinese media in the U.S.

Elias Stein (Peloton); Eric Baradat/AFP via Getty Images (Powell)

PREVIEW

Thursday The Bank of England announces its monetary-policy decision. The BOE has made two emergency rate cuts since its last meeting, bringing rates down to a record-low 0.1%.



A $60 BILLION BAILOUT?

Why Boeing Is Too Big to Fail

Boeing's stock continues to slide as the company seeks a federal bailout to stay in business amid the coronavirus pandemic. Boeing won't be allowed to fail. The Dow component is the hub of the U.S. aviation industry, a major exporter, and the engine of the defense/aerospace industry. But Boeing is on the ropes: Airlines are cancelling orders for new planes and parts, production rates are falling, and Boeing has yet to resume production of its 737 MAX plane, one of its biggest sellers, following two fatal crashes.

Boeing wants $60 billion in federal aid for itself and suppliers. The money could tide the company over for six months, estimates UBS analyst Myles Walton. He calculates that Boeing's commercial airplane group is burning through $4 billion in cash a month and may need $25 billion to cover manufacturing costs until orders recover and buyers resume making progress payments. Its debt load, meanwhile, is expected to hit $40 billion this year, partly to help finance its deal for the commercial aviation unit of Brazil's **Embraer.**

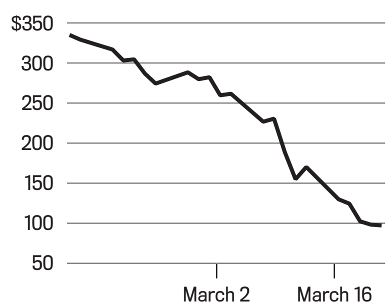
If Boeing gets a bailout, it may come at a steep price. A package could include restrictions on dividends and share buybacks, regulation on pay, labor controls, and more government oversight, including possible stress tests. Boeing may also have to hold more capital, lowering returns on equity and keeping its stock valuation under pressure.

Investors are bracing for it. The stock's 70% collapse has pushed its price/earnings ratio to 3.8 times estimated 2020 earnings; the shares yield 8.5%. Boeing has shed more than $130 billion in market value since Feb. 14, to $57 billion. The company will survive. But Boeing may end up smaller and less profitable, and paying a token dividend. **–Daren Fonda**

Losing Altitude

Boeing has lost over 60% of its value since the coronavirus emerged as a global threat in mid-February.

Boeing's Recent Stock Performance

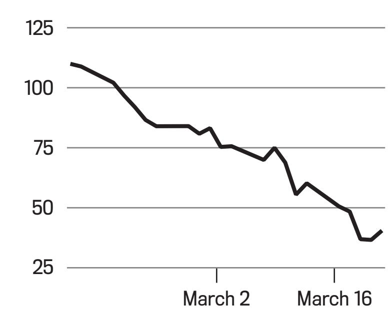


Source: FactSet

Demand Shock

Part of Boeing's problem is the 737 MAX. But the pandemic also grounded many of its airline customers, which also fell as a group over 60%.

NYSE ARCA Airlines Index



Source: FactSet

Monday 3/23

The Federal Reserve Bank of Chicago releases its Chicago Fed National Activity Index for February. Consensus estimates are for a -0.43 reading, in line with the January data. A figure below zero indicates that the economy is growing at a below-average rate. There is probably some downside to the estimates, as this past week the New York Fed's Empire State Manufacturing Index had its largest monthly drop on record, much worse than expected.

Tuesday 3/24

Grocery Outlet Holding, **IHS Markit**, and **Nike** report quarterly results.

The Census Bureau reports new residential home sales for February. Economists forecast a seasonally adjusted annual rate of 740,000 homes sold. That estimate would be down 3.1% from January's 764,000 rate.

IHS Markit releases its U.S. Purchasing Managers' Index for March. Expectations are for a 49 reading, down from February's 49.6 figure.

Sempra Energy and **Square** webcast their investor days.

Wednesday 3/25

Micron Technology and **Paychex** report earnings.

The Census Bureau releases its durable goods report for February. Consensus estimates are for a 0.3% decline, after a 0.2% fall in January. Excluding autos, new orders of manufactured goods are expected to plunge 0.6%, reversing a 0.8% gain in January.

The Federal Housing Finance Agency releases its Home Price Index for January. Home prices rose 5.1% last year according to the FHFA. The largest gains were out West, which had the four states with the strongest housing markets, led by Idaho's 12% jump.

Thursday 3/26

GameStop and **Lululemon Athletica** report quarterly results.

The Bureau of Economic Analysis reports the third and final estimate for U.S. gross domestic product in the fourth quarter of last year. Expectations are for an annualized 2.1% rate of growth, unchanged from the second estimate released in late February.

The Department of Labor reports initial jobless claims for the week ending on March 21. This past week, initial jobless claims surged to 281,000, the highest figure since September 2017, which came in the aftermath of Hurricane Harvey.

Friday 3/27

The Bureau of Economic Analysis releases its Personal Income and Outlays report for February. Personal income is expected to rise 0.3%, following a 0.6% jump in January. Spending is seen gaining 0.3%, after edging up 0.2% in January.

Coming Earnings

	Consensus Estimate	Year ago
T		
Nike (Q3)	0.61	0.68
SYNNEX (Q1)	3.12	2.84
W		
Micron Technology (Q2)	0.37	1.71
Paychex (Q3)	0.96	0.89

More Earnings on Page 32.

Consensus Estimate

Day		Consensus Est	Last Period
T	Feb. New Home Sales	737,500	764,000
W	Feb. Durable Goods	-0.40%	-0.15%
TH	Q4 GDP	2.1%	2.1%
F	Feb. Personal Income	0.35%	0.60%
	Mar. Michigan Sentiment – f	94.0	95.9

Unless otherwise indicated, times are Eastern. a-Advanced; f-Final; p-Preliminary; r-Revised Source: FactSet

For more information about coming economic reports – and what they mean – go to Barron's free Economic Calendar at www.barrons.com

Memo to DC: Go All-In Now or Pay Later

To mitigate a recession or avert a depression, lawmakers must take bold fiscal measures to help businesses and workers. The fate of the economy depends on it.

Bill Butcher

By BEN LEVISOHN and LISA BEILFUSS

The coronavirus has scared everyone, from consumers and investors to central bankers and politicians. But one question looms over everything: Are we frightened enough to do what needs to be done?

That might seem surprising to say. The fiscal policy response to the coronavirus crisis is coming. It will be big. It will be costly. It will be messy. But it won't be big enough. A robust fiscal response is an imperative if the U.S. economy is to avoid a deep, lengthy recession or, as some fear, a depression. And it's going to have to be bigger than many of us can even imagine.

The coronavirus pandemic is the ultimate black swan event, unlike any threat faced by the U.S. since the Spanish Flu of 1918. It's not simply a financial system that needs to be backstopped, an enemy to be defeated, or even a dislocation in the commodities market that was seen in the 1970s. It's a disease that will pass from person to person, cause dislocations in the financial system, bring economies to a standstill in its wake. And we need to be prepared to go to war on two fronts—the health crisis and the economic crisis.

To succeed, Washington needs to set aside partisan bickering, xenophobia, and blame-shifting, and pass legislation first to stanch the bleeding and then to help heal the people and businesses that will bear the brunt. The November elections will be the first test of how successful these early fiscal efforts are.

The early returns, as reflected in the Dow Jones Industrial Average's 35% drop from its all-time high, aren't encouraging. But it isn't just stocks that are feeling the pain. The flight to cash has gathered steam, pulling in typically "safe" assets like municipal bonds and long-term Treasuries, further illustrating a level of fear not seen since the financial crisis of 2008.

The coronavirus' toll on the health and financial well-being of Americans is in its early days. The immediate priority now is getting help to the sick, assessing the extent to which the disease has spread, and helping those struggling to pay their bills and feed their families. Entire industries face existential threats that could spark vicious cycles of layoffs, bankruptcies, and pain for working taxpayers.

Whether the damage is contained to a few months or longer will depend on the policy response. The Federal Reserve has gotten the ball rolling on the monetary-policy front by bringing to bear some of the tools it used during the financial crisis. It cut short-term interest rates to near zero, said it would buy at least $700 billion of Treasuries and mortgage-backed securities to keep rates tamped down, and is trying to ensure that short-term financing markets run smoothly and maintain dollar liquidity worldwide. But its mandate limits what it can buy and what kind of stimulus it can roll out. That will need to change.

> "What our economy needs is funding to buy time to breathe, keep paying employees, and simply get to the other side."
>
> Jefferies CEO Rich Handler and President Brian Friedman

Even then, the real work will have to come from politicians. On the fiscal-policy front, Congress and President Trump have pushed through an emergency $8.3 billion public-health spending bill that funds vaccine development and provides money to state and local governments to help with prevention efforts, and a second measure that provides free virus testing and an expansion of paid sick leave that could cost more than $100 billion. And the Trump administration and Senate Republicans and Democrats are pursuing stimulus efforts on other tracks, including direct cash payments to Americans, a payroll-tax cut, credit facilities to rescue industries such as the airlines, and loan guarantees for small businesses.

Treasury Secretary Steven Mnuchin says the stimulus package the administration supports totals $1.3 trillion, or of which about $500 billion would go directly to Americans. Discussions around an additional $1 trillion in stimulus are continuing. "We are closing down parts of the economy to make sure we destroy this disease," he says. "We're going to provide whatever economic aid we need to this economy" to ensure small businesses have money to keep paying their employees.

Even those figures might not be enough. Covid-19, the disease caused by the new coronavirus, is going to rack the economy. Schools are closing, working from home is increasingly the norm in many industries, restaurants and bars are shuttered, and almost everyone is spending most of their time in and around their homes.

Early readings on the extent of damage the coronavirus outbreak poses to the economy aren't encouraging. China, which is about a month or so ahead of the U.S. in combating the disease, just reported a 13.5% drop in industrial production during the first two months of 2020, while its retail sales fell 20.5%. And this from a country whose data tend to play down problems.

The coronavirus is starting to show up in U.S. economic figures for the first time—adding to the urgency for a bold fiscal response. Initial claims for unemployment benefits surged 33% in the latest week, up 70,000, to 281,000—one of the biggest one-week jumps on record. Observers expect the total to explode when next week's data come out. Already, some states have said their reporting systems are overwhelmed due to spiking claims for jobless benefits. Earlier in the week, the reading on the New York Fed's Empire manufacturing survey fell to negative 21.5 in March, down from a positive 12.9 in February, reflecting the biggest one-month drop in its history.

The fallout from the Sept. 11 terrorist attacks provides a good starting point for contemplating how the coronavirus could affect the U.S. economy, and what needs to be done.

Satya Pradhuman, director of research at Cirrus Research, sees similarities in the hit to air travel, small business, and the like. "Think about lower Manhattan 12 to 18 months after 9/11…it was still a tough place," he wrote in an email to *Barron's*. "Now imagine that event across most major cities, days apart." Pradhuman sees two to three quarters of declining growth and "a few rounds of monetary and fiscal support…before we bottom."

The hit to the economy will be bigger than anything we've experienced, even during the financial crisis. JPMorgan predicts a 14% plunge in U.S. gross domestic product in the period, while Goldman Sachs sees a whopping 24% slump. Torsten Sløk, chief economist at Deutsche Bank Securities, predicts a 12.9% decline.

"We cannot stress enough the degree of uncertainty surrounding these projections," Sløk said of his latest economic estimates on Wednesday. "These are truly unprecedented events with no adequate historical example with which to precisely anchor our forecast...[and] the evolution of the virus is also highly uncertain." It's easy to imagine a still-worse outcome, he says, where the virus is harder to contain in the U.S. than it was in China, and financial markets trigger knock-on effects that lead to sharper and more protracted declines in activity. One only has to look at Italy, where the number of deaths has now surpassed those in China, for a sign of how bad the crisis can get.

Politicians will have to get creative quickly with fiscal measures—or else.

Capital Economics chief economist Neil Shearing offers a list of potential actions. "What would fiscal stimulus look like? This encompasses everything from the expansion of access to health care and increases in government-funded sick pay to tax breaks for businesses, and one-off payments to households," he wrote in a recent paper. "Governments can also guarantee cheap loans made to the hardest-hit (but otherwise solvent) firms or—in the extreme—assume the liabilities of private companies."

Even that might not be enough. In a paper this past week, economists Emmanuel Saez and Gabriel Zucman, professors at the University of California, Berkeley, argued that the best way for the government to help the economy is to step in and replace lost demand. If demand drops 40%, for instance, plugging it with payments to businesses would cost about 10% of the nation's $20 trillion annual GDP.

Others suggest that Washington should allow companies to cite the pandemic as a "covered cause of loss" and then backstop the insurance companies that must make payments for the claims. Creativity and flexibility will be key to keeping a recession, which now appears unavoidable, from becoming something worse.

Jefferies has an investment-banking client base composed primarily of the very midsize public and private companies on the front lines of the coronavirus-driven hit to commerce. Its executives are calling for the government to do whatever is necessary to stem a surge in unemployment and to backstop the huge numbers of businesses that will shut down or file for bankruptcy before prosperity returns. This response could involve Uncle Sam using access to cheap debt to set up a program that would essentially let companies mimic full employment for the next six months.

"What our economy needs is funding to buy time to breathe, keep paying employees, maintain capacity and capabilities, and simply get to the other side," wrote Jefferies CEO Rich Handler and President Brian Friedman.

Barron's agrees. If otherwise healthy companies and industries collapse, there could be nothing left for workers to return to when the coronavirus subsides. If people aren't given the financial support they need to quarantine or practice social-distancing for what could be an extended period, the virus might not abate quickly enough for the economy to bounce back.

We're still a bit away from thinking about the worst-case scenario—a depression—though it's certainly on many observers' radars.

Needed: Novel Solutions

Washington could let companies cite the pandemic as a "covered cause of loss" and then backstop the insurers that would pay the claims. Flexibility and creativity are keys to preventing any recession from becoming something far worse.

25%

The U.S. jobless rate in 1933, four years after the beginning of the Great Depression.

While there's no clear definition of a depression, the San Francisco Fed has tried to put things in perspective by comparing the downturn that occurred from 1973 to 1975 to the first downward leg of the Great Depression, from 1929 to 1933.

During the 1973 recession, GDP fell 3.4%, while joblessness rose from 4% to 9%. In the first leg of the Great Depression, real output slid almost 30%, while unemployment jumped from 3% to nearly 25%. During a later leg of that awful downturn, many businesses and individuals went bankrupt. Banks failed, and the economy took more than a decade—and a world war—to recover. It took 25 years—until 1954—for stocks to return to the peak they hit in 1929.

So far, 2020 seems to be forming a perfect storm of its own. A global pandemic, interest rates at zero, an oil-price war, and a U.S. presidential election have never happened at the same time. Will that be the recipe for a depression? For now, no one knows.

The sooner our politicians realize that's the end game—and do something to avoid it—the better. B

Drive-through testing for Covid-19 at the Doris Ison Health Center in Miami-Dade County, Florida

Al Diaz/Miami Herald/Tribune News Service/Getty Images

War Effort Needed to Combat Covid-19

State and local officials are calling for a much bigger response from Washington as ventilators, masks, and other medical gear are lacking.

By JOSH NATHAN-KAZIS

The mayor of New York sat ashen-faced before the cameras on Thursday evening and begged for help. "We need three million N95 masks," Mayor Bill de Blasio said. "We need 50 million surgical masks. We need 15,000 ventilators, and 25 million each of the following items of personal protective equipment…surgical gowns, coveralls, face masks."

The numbers were staggering: Nearly a 130 million pieces of medical gear for New York City alone, by early next month at the latest. If they don't arrive, the mayor warned, it would mean needless deaths.

And that's just one city.

The nation has gone to war this week, as the Trump administration, Congress, and the Federal Reserve act quickly to try to shore up an economy in the grips of the coronavirus pandemic. Yet the industry that is facing down the immediate crisis—health care—is not the focus of Washington's current $1 trillion-plus push.

Mayors, governors, and other elected officials have asked the Trump administration for assistance in shoring up the medical system. They want help securing gear, increasing the number of hospital beds available, and backing up local doctors with support from the military.

On Thursday, President Donald Trump batted back a central demand, saying that he did not want the federal government to buy medical equipment for the states. "The federal government is not supposed to be out there buying vast amounts of items and then shipping," the president said. "You know, we're not a shipping clerk."

Yet experts say that the president has extraordinary power to wield the might of the federal government to refashion the economy and deploy vast amounts of resources.

"He has basically the equivalent of Soviet-style authority through the Defense Production Act," says Robert Litan, a former associate director of the Office of Management and Budget during the Clinton administration, now a nonresident senior fellow at the Brookings Institution.

Using the powers of that act, the president could force U.S. industry to devote extraordinary resources to churning out needed protective gear.

Trump said on Friday that he had put the act in "high gear," although he did not specify what that meant.

> "[The president] has basically the equivalent of Soviet-style authority through the Defense Production Act."
>
> Robert Litan

Amid the confusion over whether Trump is using those powers, there are additional steps he could take.

Military doctors and nurses, some experts say, could be sent to shore up medical teams at hospitals being crushed by Covid-19 cases.

"The government needs to be taking the steps to ensure that both the military's doctors, nurses, and medical personnel, as well as members of the National Disaster Medical System, are prepared so that within hours' notice they can deploy and meet the needs of a local hospital to help prevent a local hospital from being overwhelmed," says Chris Meekins, a Raymond James analyst who previously worked as a deputy assistant secretary for preparedness and response at the Department of Health and Human Services.

That doesn't appear to be happening yet. The Pentagon has said it will send a hospital ship to New York City, and another to the West Coast. But the ship headed for New York is a 44-year-old converted oil tanker that's not immediately ready to deploy, and it is not prepared to handle infectious disease patients.

Hospitals and other health-care providers, meanwhile, say they need direct aid. Medicaid payments to some hospitals are set to be cut on May 22 under a provision of the Affordable Care Act, a deadline Congress could easily delay.

The American Hospital Association is asking for more funding for hospitals and health systems from Congress, over and above the increase in Medicaid payments included in the stimulus bill recently passed. In a joint letter on Thursday, the AHA, the American Medical Association, and the American Nurses Association asked Congress for $100 billion in spending, in the form of a stabilization fund to help pay health-care providers for emergency expenses incurred as a result of the outbreak, child care for medical workers, and payments to help build out emergency Covid-19 care facilities.

Changes are happening quickly; decisions not yet made as of Friday may have been taken by Saturday morning.

But the delays to swing the vast powers of the federal government into action so far highlight the failures that have contributed to the crisis.

The signal failure came early this year when government health officials botched their first efforts to ready a diagnostic test for domestic use.

In the U.S., when a new virus appears, it is the job of scientists at the government's Centers for Disease Control and Prevention to come up with a test. That is for the same reason that drug companies generally don't work on treatments for emerging viral threats: It is hard to make money on new viruses. Viruses can pop up in one region, then fade away without spreading, and the potential market evaporates after companies have poured millions of dollars into it.

When government scientists distributed their Covid-19 diagnostic in early February, however, it became clear that the test had serious flaws. CDC officials promised to fix them quickly. It took too long.

"The reality is, once the CDC's initial test failed, all of the actions today, from reaching out to commercial labs to engaging with hospital systems and academic labs, should have been occurring three weeks ago," Meekins of Raymond James said. "Instead, the government relied on the CDC to fix their test, which came too late."

Tests of the sort being used now to diagnose Covid-19 infections, called real-time polymerase chain reaction assays, take a few hours to run. Lab-tools companies make devices that can perform hundreds simultaneously. Yet those commercial tests require authorization by the Food and Drug Administration, a process that can take time, even in a pandemic.

On Tuesday, Deborah Birx, who is coordinating the coronavirus response for the White House, suggested that tests used overseas may have been returning bad results.

Whether it was worth waiting for high-quality tests is debatable. Regardless, commercial tests that meet the FDA's standards are now beginning to become available in the U.S.

SVB Leerink analyst Puneet Souda says that the solution for the testing shortage is to use devices from **Roche Holding** (ticker: ROG. Switzerland) and **Hologic** (HOLX) that can run hundreds of tests at a time. The FDA has issued emergency authorizations for a Covid-19 test to run on such devices from Roche, **Thermo Fisher Scientific** (TMO), and Hologic. "It's not too hard to imagine we can actually reach half a million samples per day" using these machines, Souda says.

Even with the tests themselves now available, challenges remain. For some tests, the chemicals and materials needed to use them are in short supply.

Qiagen (QGEN), a Dutch company that is being acquired by Thermo Fisher, told *Barron's* that it was having trouble meeting the demand for an RNA extraction kit used in the CDC's Covid-19 test. The company says it is increasing production at sites, which are now running three shifts a day, seven days a week.

Roche, meanwhile, said that there was currently a shortage of the transport media used for its Covid-19 test. Hologic said that there were no supply-chain issues with its tests.

Still, experts expect substantial availability of tests in the coming days. Yet that will come too late to have the effect it appears to have had in South Korea, where nearly 300,000 people had been tested for the virus as of Wednesday. South Korea's number of new cases leveled off this past week.

That means that across the U.S., the wave of patients is already coming. In New York, it has begun to crash into emergency rooms and intensive care units. For the patients most severely sickened by Covid-19, that is driving a dire need for ventilators, which help seriously ill people breathe.

The machines, which cost tens of thousands of dollars, are made by a handful of manufacturers, including **Medtronic** (MDT), **Philips** (PHG), and **General Electric** (GE), as well as the private medical device firm Vyaire Medical, which was a unit of **Becton Dickinson** (BDX).

New York alone is short tens of thousands of the machines. On Wednesday and Thursday, the companies that make the ventilators said they had boosted production and were adding production lines and shifts, and that some factories would run nonstop. That won't spell an immediate surge of ventilators to the market. Cheston Turbyfill, vice president of corporate communications at Vyaire, said an individual ventilator takes up to 40 days to build.

Ventilators are complex devices, perhaps best left to experienced manufacturers. But other items desperately needed to care for Covid-19 patients are far simpler to make.

That is where the Trump administration could be using its authority more assertively, Litan of the Brookings Institution said. The Defense Production Act allows a president to require companies to accept and prioritize contracts for necessary materials, and even install equipment in private factories.

"You could order them to do 24/7 production," Litan says. "At a minimum, the people who are producing it already, you tell them to work 24/7, don't worry about it, you're going to get paid. But I don't think that is enough." Litan advocates ordering other companies to make masks, gowns, and gloves, to help fulfill the dire needs already manifesting.

The Supply Shortage

States say there are not enough ventilators to cope with the coronavirus.

40 Days

How long it can take to manufacture a single ventilator.

Sascha Schuermann/Getty Images

A Qiagen employee demonstrating the use of the company's testing device for infectious diseases.

The federal government has done some work to increase the availability of masks. On Wednesday, the president signed a bill that, among other things, limited mask-makers' liability in a way that will allow N95 masks meant for nonmedical uses to be redirected to hospitals.

The president also highlighted the procurement of 500 million respirators by the Department of Health and Human Services. Until Friday, Trump had said that the use of the Defense Production Act was not yet necessary, tweeting on Wednesday that he would use the authorities "in a worst-case scenario in the future." But for officials in hard-hit areas, that worst-case scenario is already here.

"Every factory in America that can be converted to health-care production...should be ordered on a full production basis," de Blasio said on Thursday. The New York mayor also called for the military to deploy medical personnel to New York City.

"In an ideal situation, you would have it set up so that within 12 hours they can be deployed and ready," Meekins says.

Still, that is a complex demand, which could, in some cases, pull those doctors from medical facilities they staff elsewhere in the country. The Department of Defense has said it was considering using National Guard and Reserve units to help states with medical support.

"What we've got to be very conscious of and careful of as we call up these units and use them to support the states [is] that we aren't robbing Peter to pay Paul, so to speak," Secretary of Defense Mark Esper said at a news conference. "So we've got to be very conscious of that."

Like a war, the Covid-19 pandemic will wreak havoc across the nation.

"This is a national problem," says Michael Greenberger, a professor at the University of Maryland Francis King Carey School of Law and director of the school's center for health and homeland security.

And a national problem requires a federal response. B

CORONAVIRUS: OUTLOOK FOR BANKS

The Banks' Stress Test Is Now All Too Real

Many of their borrowers and customers may be struggling as the reaction to the pandemic shuts down businesses, yet the biggest banks, with their financial strength, could be the economy's rock.

BY ANDREW BARY

ILLUSTRATION BY
Daniel Downey

This is crunch time for the big U.S. banks.

They have steadily taken market share from their smaller brethren over the past decade and built large capital cushions with record earnings. Now, they must navigate an unprecedented period of economic stress while servicing—and showing leniency toward—hard-hit businesses and consumers.

The banks say they have never been better prepared. Investors, however, are worried about whether they can deliver and get past the crisis without being swamped by bad loans.

The sector has been hammered lately. The shares of the six top institutions—**Bank of America** (ticker: BAC), **Citigroup** (C), **Goldman Sachs Group** (GS), **JPMorgan Chase** (JPM), **Morgan Stanley** (MS), and **Wells Fargo** (WFC)—were down an average of 15% last week and 40% for the year. With banks amounting to leveraged plays on a reeling economy, the market setback is understandable.

Plenty of risk remains. There is uncertainty about what kind of action the government or banks may take to help borrowers, such as forgiveness of interest, fee waivers, or suspension of debt payments—and what effect that will have on profits.

The standard investor playbook is to avoid banks when the economy is going into recession—especially one whose depth and duration is especially hard to predict. The 2008-09 downturn was centered in the housing market, while the current crisis appears to be hitting nearly everything at once.

And many investors would rather stick with safer sectors such as technology (where many companies sit on big cash positions), pharmaceuticals, consumer staples, and electric utilities.

Nonetheless, the big bank stocks look appealing.

"In the financial crisis, banks were part of the problem," says Michael Mayo, the banking analyst at Wells Fargo. "Now, they can be part of the solution. They spent the past decade preparing for a time like now, so they can act as a source of strength for the economy."

To appreciate the banks, investors may have to rely on a traditional value measure—tangible book value—rather than earnings, which are likely to come under pressure for a quarter or two as loan-loss reserves surely increase. Published 2020 earnings estimates for banks are probably too high.

JPMorgan traded on Friday at $86, traded for 1.4 times tangible book, and Bank of America, at $21, was at 1.1 tangible book. The other four fell below tangible book: Goldman, at $142, and Citigroup, at $39, fetched 70% and 55% of tangible book, respectively.

Tangible book is a conservative measure of shareholder equity that excludes goodwill and other intangibles and has often proved to be a floor under bank stocks.

Mayo says investors need to set aside their wariness of the banks. "It's night and day versus the financial crisis," he says. "Bank balance sheets were weak, and now they're strong. The degree of resiliency is underappreciated. I would be shocked if one of the top 10 banks needs to raise equity or cut its dividend."

Mayo favors JPMorgan, Bank of America, **U.S. Bancorp** (USB), and **PNC Financial Services Group** (PNC), the latter pair being among the highest-quality regional banks. JPMorgan has a diversified base of consumer and commercial lending, high net-worth wealth management, and investment banking. It has produced some of the industry's best returns and has the best management team, led by CEO Jamie Dimon, who is recuperating from heart

CORONAVIRUS: OUTLOOK FOR BANKS

surgery.

Bank of America has transformed itself into the country's top consumer and commercial bank in the past decade under CEO Brian Moynihan, who has espoused what he calls "responsible growth." The bank has had the lowest loan losses among its peers, reflecting a know-your-customer consumer-loan strategy geared toward high-quality borrowers.

"We are here to be part of the solution," Bank of America Chief Financial Officer Paul Donofrio told *Barron's*. "We're a haven for consumers and businesses to deposit their money or keep their investments. We see ourselves as a conduit to economic activity in a time like this. For existing clients who want flexibility, we will work with them. That's our job, and we're in a position to do it."

Goldman Sachs and Morgan Stanley have less lending exposure than peers, since they tilt more toward banking, trading, investment banking, and asset and wealth management. Their business mix could limit the downside in their shares from currently depressed levels.

The regional banks have been hit even harder than the largest banks, with some down over 50% this year, because of their exposure to hard-hit small and midsize businesses as well as energy.

Yet both U.S. Bancorp and PNC have less exposure to energy relative to some peers. Mayo upgraded both stocks last week to Overweight. Of PNC, he wrote that its "risk profile is lower, making it a go-to bank in times of trouble, as it was during the financial crisis of 2008." PNC also has a valuable stake in behemoth asset manager **BlackRock** (BLK) that is worth about 35% of its market value.

U.S. Bancorp has a diversified model and gets only about half of its profits from traditional banking, with the rest from businesses such as payment processing and wealth management. It has historically been viewed as the highest-quality big regional.

Big banks have dividend payout ratios of earnings averaging about 30%, meaning that they can take a hit to profits without the danger of a cut. Among the largest banks, Bank of America has one of the most conservative payout ratios, at about 25% of last year's earnings. Wells Fargo has the most aggressive, at nearly 50%.

This is reflected in dividend yields.

"As long as you can build a bridge through the next few quarters, it will be fine."

Jason Goldberg, Barclays

Bank of America yields 3.4%, while Wells Fargo tops the group at 7.2%. The rest of the six range from 3.3% to 5.2%, with JPMorgan at 4.2%.

Investors can also get 6% to 7% yields on bank preferred stock after that sector was slammed last week, compared with 5% earlier this month. A proxy for the sector, the **iShares Preferred & Income Securities** exchange-traded fund (PFF), which has a heavy weighting in bank preferred, traded on Friday at $28, down 16% in the past week, and was yielding 7%. Preferred stock offers a lower-risk way to play the banking sector, since preferred is senior to common shares, and the dividends are more secure.

The Federal Reserve has highlighted the banks' strength, noting last week that the largest banks have $1.3 trillion in common equity and $2.9 trillion in high quality liquid assets. This means that traditional capital ratios understate banks' strength because they hold so many low-risk, liquid assets like cash and government securities.

JPMorgan, for instance, had $188 billion of tangible common equity to support $2.6 trillion of assets at year end, but only $948 billion are in loans.

In a statement last Sunday, JPMorgan said, "Even if circumstances get dramatically worse, we have the capabilities and balance sheet to support the financial system and all of our constituencies. We stand ready to support our government in any way we can."

That could well play out, with entire industries like hotels, automobiles, energy, and restaurants feeling the strain. Energy loans are a problem as crude-oil prices have plunged.

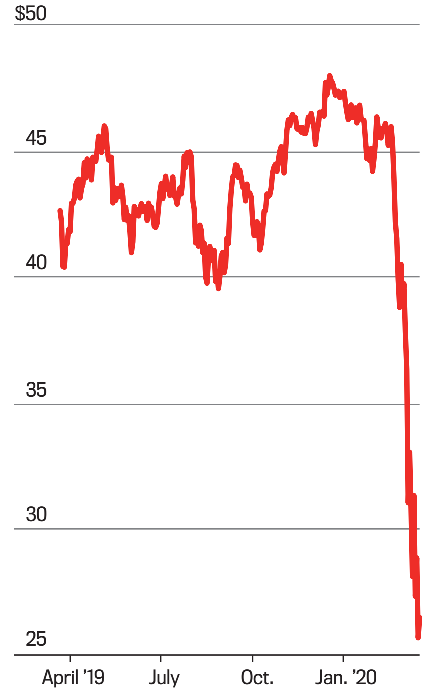
For the largest banks, these loans look manageable. Mayo calculates that Citigroup, Bank of America, JPMorgan, and Wells Fargo have a range of $13.6 billion to $19.9 billion of exposure to energy, which accounts for 1% to 3% of their loans books and 6% to 11% of their equity. Banks have some protection because their loans tend to be the most senior obligations of energy companies.

Investors can take some comfort in the fact that the Fed puts the largest banks through annual stress tests, including a severe one that includes an 8% drop in U.S. gross domestic product, a 10% unemployment rate, and a 50% drop in the stock market. The banks emerged intact from this model with ample capital. And that's after returning cash to shareholders in dividends and stock buybacks.

Under this "severely adverse" scenario, a key bank capital measure, Tier 1 common equity dropped from an average of 12.3% among 18 top banks to 6.6% over a period of more than a year and held above the minimum requirement of 4.5%.

Withdrawals

Bank stocks have been hit hard over the past month, as reflected in the KBE (SPDR S&P Bank ETF).



Source: FactSet

The big banks have stopped their stock buyback programs through the end of second quarter. That will give them more capital to back new loans. It's a good bet that buybacks won't

Testing the Banks

How the big U.S. banks stack up now and how their earnings could be affected by the current crisis.

Bank / Ticker	Recent Price	YTD Change	2020E EPS	Stressed 2020E EPS	2020E P/E	Stressed 2020E P/E	Price/Tangible Book	Dividend Yield	Market Value (bil)
Bank of America / BAC	$21.20	-40%	$2.94	$0.71	7.2	29.9	1.1	3.4%	$185.0
Citigroup / C	39.64	-50	8.55	4.87	4.6	8.1	0.6	5.2	83.2
Goldman Sachs Group / GS	149.49	-35	23.90	15.47	6.3	9.7	0.7	3.3	53.9
JPMorgan Chase / JPM	85.30	-39	10.76	3.84	7.9	22.2	1.4	4.2	262.2
Morgan Stanley / MS	30.92	-40	5.31	3.07	5.8	10.1	0.8	4.5	47.4
Wells Fargo / WFC	28.29	-47	3.91	1.77	7.2	16.0	0.8	7.2	115.7
Regionals									
Comerica / CMA	$28.95	-60%	$5.87	3.92	4.9	7.4	0.6	9.4%	$4.1
M&T Bank / MTB	104.84	-38	13.23	10.26	7.9	10.2	1.4	4.2	13.6
PNC Financial Services Gp / PNC	92.42	-42	11.41	5.28	8.1	17.5	1.1	5.0	39.6
U.S. Bancorp / USB	33.21	-44	4.25	2.20	7.8	15.1	1.4	5.1	50.5

Data as of 3/19/20; E=Estimate

Sources: Bloomberg; Barclays; company reports

The Buffers

How banks' minimum regulatory capital ratios could change by 2021 in a severely adverse scenario, according to the Federal Reserve.

Bank / Ticker	Common Equity Tier 1 Capital Ratio	
	Actual Q4 2018	Estimated Q1 2021*
Bank of America / BAC	11.6%	5.6%
Citigroup / C	11.9	6.9
Goldman Sachs Group / GS	13.3	6.7
JPMorgan Chase / JPM	12.0	4.6
Morgan Stanley / MS	16.9	7.7
Wells Fargo / WFC	11.7	7
Regionals		
PNC Financial Services Gp / PNC	9.6	5.8
U.S. Bancorp / USB	9.1	6.5
Average of 18 Participating Banks	**12.3**	**6.6**

*Projected minimum regulatory capital ratios in a severely adverse scenario, 1Q2019 to 1Q 2021

Source: Federal Reserve

resume until 2021 at the earliest.

Repurchase programs will almost certainly come under fire—just as they have in the airline industry—if any banks stumble and need government help. Even if they don't seek aid, banks may face criticism for wasting shareholder capital on big buybacks at high prices and being out of the money today. JPMorgan, for instance, bought back a total of $44 billion of stock in 2018 and 2019 at an average price of $111. With its shares at $86, it is now out of the market.

The Fed's most severe stress test, which was last performed in the spring of 2019, has often been ignored by investors who considered its assumptions to be too harsh. Yet something worse could play out in the next year. Treasury Secretary Steven Mnuchin reportedly warned lawmakers that the jobless rate could hit 20% without major actions by the government. Yet the stress test is an encouraging marker.

"The banks were in very good shape coming into this," says Barclays banking analyst Jason Goldberg. He ticks off a few measures: tangible common equity at its highest level since 1940, liquidity as measured by the loan/deposit ratio at its strongest levels since the early 1980s, and credit quality as gauged by nonperforming assets at its highest since 2006.

"Banks will work aggressively with corporate and consumer borrowers to get through these economic disruptions," Goldberg says. "As long as you can build a bridge through the next few quarters, it will be fine."

In a recent note, he outlined an adverse scenario for earnings that includes higher loan-loss provisions, narrower interest margins, and other factors. The result was that earnings estimates for the 24 banks in his coverage area had a median decline of 42%. All remained in the black.

Mayo says it could be near-term "earnings hell" for banks. "Bank profits will be on a one- to two-quarter sick leave," he says.

Still, investors have some smart company when it comes to the battered bank sector: Warren Buffett. He may be the largest single investor in bank stocks, with more than $75 billion at the end of last year. His **Berkshire Hathaway** (BRK.A) held stakes in nearly every major bank stock at the end of 2019, with the exception of Citigroup and Morgan Stanley. Investors can now buy JPMorgan and U.S. Bancorp below Berkshire's cost.

Buffett has liked the banks' combination of low valuations and high returns. While the Berkshire CEO makes some mistakes—Berkshire is the single largest investor in airline stocks, for example—he rarely makes big ones. ■

Smaller Banks, Big Opportunities

The nation's regional banks are particularly sensitive to the challenges posed by the pandemic.

They have less-diversified lines of business and loan portfolios and can be concentrated in one particular area. A regional bank in the oil patch, for instance, could not only see corporate credit lines tapped, but also face spillover effects from shuttered local businesses and out-of-work customers falling behind on their mortgages.

Their stocks reflect those worries: The KBW Regional Bank Index fell 40% from Feb. 20 through March 18, its worst 20-day decline since the index began in 2005.

The good news is that these banks are less exposed to commercial business than in previous years. While loans to nonfinancial businesses are near an all-time high, according to Wells Fargo data, they make up 26% to 34% of bank assets. At the same time, capital positions are better than they were in the past.

With so many regional banks hit hard, opportunities are beginning to emerge. Of course, you have to know where to look—and that isn't always easy.

About 40% of community banks disclose their exposure to retail and hotels, while only 36% disclose their exposure to energy companies, and 30%, to restaurants, according to Michael Young, a SunTrust Robinson Humphrey analyst.

The ones that do disclose their exposure have been hit hard. Some 18.1% of **BOK Financial**'s (ticker: BOKF) loans are tied to the energy sector, and its stock price is down roughly 58% this year. Other energy-exposed banks, like **Zions Bancorp** (ZION) and **Comerica** (CMA), have sold off about 50% and 61% this year, respectively. But they all look cheap. BOK trades at 0.82 times its tangible book value, below even its lowest levels of the financial crisis, while Zions and Comerica have also seen their price-to-tangible-book ratios fall near 2008 levels. These banks have experience in the energy sector that can help get them through the crisis.

With oil prices in the mid- to low $20s, exploration-and-production companies are likely to face bankruptcies, notes Gary Tenner, managing director at D.A. Davidson. In this kind of environment, he favors banks with less exposure to oil and other troubled areas. He points to **First Foundation** (FFWM), which does traditional banking but also wealth management and other services, as one opportunity. It has fixed-rate assets and a "greater magnitude of opportunity" to reduce its cost of funds, compared with its peers, Tenner says. It, too, trades below tangible book.

Investors could also look to some of the larger regional banks. Brian Klock, managing director at KBW, points to **M&T Bank** (MTB), **PNC Financial Services Group** (PNC), and **U.S. Bancorp** (USB).

The opportunities are there. Just don't expect the ride to be easy.
—Carleton English

CORONAVIRUS: AN INDUSTRY ACCOUNTING

Debt-Laden Sectors Stand to Fare Worst

As business comes to a near standstill across the U.S., industries from airlines to energy face liquidity pressure and potential bankruptcies

By AVI SALZMAN

When the world emerges from the coronavirus pandemic—hopefully sooner rather than later—some businesses, and perhaps entire industries, will probably have vanished, absent a federal rescue.

That's both because of the destructive impact of the virus, which has nearly frozen commercial activity in many corners of the economy, and the long period of low interest rates that has encouraged companies to add debt, much of which will soon come due.

Corporate debt as a percentage of gross domestic product is now at "the highest peak we've ever had," says Edward Altman, professor emeritus of finance at New York University Stern School of Business. The value of corporate debt hit 47% of gross domestic product this year, higher even than the 45% it hit in 2008 before the last recession. More than half of investment-grade debt was rated BBB last year, at the edge of junk territory, and about 30% of that was vulnerable to a downgrade before the coronavirus outbreak.

In short, the country is about to be awash in junk debt, and companies in industries from airlines to energy will face a reckoning that could force them to merge or go out of business entirely.

By year end, Altman expects the default rate on high-yield bonds to rise as high as 10% from 2.9% last year. "The number of zombie companies likely to fail within 12 months has probably doubled since the start of the year," he says.

Here are some of the sectors that stand to be hardest hit during the virus-driven slowdown and the first wave of debt reckoning:

Debt Bomb

U.S. companies have added record debt since the financial crisis

47%

Value of corporate debt as a percentage of GDP, an all-time high

Scott Eisen/Bloomberg

Marriott International suspended its dividend this past week. The hotel industry faces some of the same pressures as the airline and cruise sectors.

Airlines

Airline stocks are so cheap that the entire U.S. industry is now valued at $48 billion—less than a third of the market value of Walt Disney.

Airlines are pulling guidance for the year, and credit-rating firms are putting debtholders on notice. Moody's said on Tuesday that it has placed all ratings for **Delta Air Lines** (ticker: DAL) on review for downgrade. Delta expects revenue in March to fall by almost $2 billion over last year, with projections for April falling even more. It said it's planning to cut capacity by 70%, with international routes down 80% over the next two to three months. Other carriers also are making deep capacity cuts.

The industry won't be allowed to fail—it is the transportation fabric of the global economy. Yet investors seem to be betting that airline stocks might not recover soon.

The industry is likely to receive $50 billion in government-backed loans and other assistance to maintain operations. But such an aid package will probably come with strings attached, including restrictions on dividends, buybacks, and labor practices. The loans will eventually have to be repaid, adding to airline debt loads and financial stress.

—Daren Fonda

Energy

Energy companies may be the most at risk of going under in this crisis. They face not just the catastrophic decline in oil and gas use amid nationwide shelter-in-place guidelines but also a global supply war involving Saudi Arabia and Russia that could tamp down prices for more than a year.

"It's pretty well known that when oil prices are below $40 a barrel, there's going to be an increase in defaults," NYU's Altman says. "Now they're below $30, so it's pretty given that the industry's going to suffer big time."

Meanwhile, producers have tacked on $120 billion in debt in the past five years, and much of it comes due in the next two. Energy makes up the largest portion of the high-yield debt market.

One company facing Wall Street scrutiny is **Oasis Petroleum** (OAS), a Houston producer whose stock traded as high as $7.15 a year ago but is now below 50 cents. SunTrust Robinson Humphrey analyst Neal Dingmann cut his price target on the shares to zero in part because he sees a liquidity crunch coming. The company didn't respond to a request for comment. *—A.S.*

Cruise Operators

U.S. cruise operators have shut down for 30 to 60 days, and that's likely to extend further unless the coronavirus pandemic is brought under control quickly. Are these stocks dead in the water? It depends on how long it takes the companies—**Carnival** (CCL) **Royal Caribbean Cruises** (RCL), and **Norwegian Cruise Line Holdings** (NCLH)—to ride this out.

Time is the enemy, but for now they do have some liquidity, including credit lines. But they'll probably need some kind of assistance from the U.S. government, possibly in the form of loan guarantees. Details of such a plan hadn't emerged as of Friday.

In the meantime, Harry Curtis, who covers cruise stocks for Instinet, says that Norwegian, the smallest of the three lines by revenue, is in the best shape. He puts the company's liquidity at about $1.6 billion with a monthly cash burn of about $140 million. Royal's monthly cash burn, he says, is about $280 million against liquidity of $1.3 billion. For Carnival, the monthly cash burn is roughly $560 million versus liquidity of more than $3 billion.

—Lawrence C. Strauss

Private Equity

Private-equity shops are everywhere—from fast-food restaurants and hotels to hospitals and even the dentist—and often their investments are financed using a lot of debt, sometimes as much as 70%.

Bill Ackman, head of hedge fund firm Pershing Square Capital Management, warned this past week that private-equity firms might go bankrupt if the crisis lasts 18 months.

It's not clear how much debt PE firms have piled onto their portfolio companies, but global PE groups collected $2 trillion from investors from 2006 to 2008, according to a Harvard Business School study that looked at the industry's use of debt in the financial crisis. For each dollar of investment they raised, they typically borrowed $2 of debt, the study said.

If the current debt load comes close to or exceeds 2008 levels, there could be pain for PE firms and their portfolio companies. *—Luisa Beltran*

Regeneron CEO Ready For Battle Against Virus

Leonard Schleifer talks about his biotech company's platform and why a treatment for Covid-19 could come quickly

Nathaniel Brooks/The New York Times

By JACK HOUGH

Regeneron this past Tuesday announced a breakthrough in the search for a Covid-19 treatment. It has identified hundreds of virus-neutralizing antibodies that could potentially be used in a cocktail drug.

"Similar to the approach the company pursued for MERS and Ebola viruses, we believe Regeneron's Covid-19 antibody cocktail may offer efficacy in preventing and treating the virus," SVB Leerink analyst Geoffrey Porges wrote in a note to investors.

A day earlier, **Regeneron Pharmaceuticals** (ticker: REGN) said it had started trials with its existing arthritis drug, Kevzara, which might prove useful in treating lung inflammation in Covid-19 patients.

Barron's spoke with Regeneron CEO Leonard Schleifer about the fight against Covid-19. His comments have been edited.

On the search for a Covid-19 drug: You have a three-pronged approach. First, try to take existing drugs that may have been developed for other purposes and see if they'll work for Covid-19. Second, give people a human antibody that can fight off infection until there are vaccines around. Third, get a vaccine so that the body can make these antibodies itself.

On using existing treatments: You can break them into two broad categories. People are looking at antivirals. There are drug trials that I'm aware of with Remdesivir, a **Gilead Sciences** [GILD] drug, which was tried with Ebola. The idea there is you interfere with the functioning of the virus. Another thing you can think about is, are there any drugs that can prevent the virus from wreaking havoc on the body? When the virus gets into the lungs, it causes this massive inflammation. Maybe, just maybe, if you control the inflammation, you'll be able do something to prevent patients from needing a respirator, and make their fever go away.

That's our drug, Kevzara. It was discovered at Regeneron and developed for rheumatoid arthritis with our partner, **Sanofi** [SNY]. Its mechanism of action is that we have these inflammatory mediators in the body called cytokines, and one of the bad ones is interleukin-6, which causes lots of inflammation. This may be what's causing some of the inflammation in the lungs. In China, as this epidemic started, there was a drug made by **Roche Holding** [ROG.Switzerland] known as Actemra, which blocks the function of the interleukin-6 receptor. They had rather impressive, albeit uncontrolled, data. They treated 21 people, and all of these people did very well. They all got out of the hospital. A majority improved their ability to breathe, and their fevers went away. People have also tried this drug in Italy, with reportedly good results.

> "You have people who are risking their health ...with only one goal in mind: How fast can Regeneron produce this and deliver it to the public?"
>
> Leonard Schleifer

On when a drug might be here: If the drug is shown to work in hospitalized patients, we have lots on hand on hand and can make much more. The best case is that people wouldn't progress from, let's say, needing a little oxygen to going on a respirator. If we all get sick at once, it could be a disaster because we won't have enough intensive-care beds. A drug like this could really slow down the number of people who needed really intensive respiratory therapy. If we can enroll the study quickly over the next month, you should know within a few weeks of treating people how they're doing.

On making a custom treatment: One of the ways a body fights off infection is to make antibodies. That's why you like to vaccinate people to prepare them for infection. Another is to use mice. Through the miracle of genetic engineering, you can inject them with a piece of a virus, and they will generate human antibodies that can be manufactured and given to patients.

We recently applied this approach to go after Ebola. We immunized these mice with a piece of the Ebola virus, took the antibodies, manufactured them at scale, and gave them to patients who were literally dying in the Congo. We compared our drugs with other potential drugs, including Remdesivir from Gilead. The study people found our drug was overwhelmingly effective, and stopped the study. That's exactly what we plan to do here. We've already had remarkable success and gotten hundreds of antibodies that neutralize this virus. We're going to pick the best and manufacture a cocktail. We hope to get started testing patients in June and manufacturing at large scale by the end of the summer.

On Regeneron's technology platform for speeding drug discovery: The guts of this, the engine, is the VelocImmune mice. This is the brainchild of George Yancopoulos. He wrote about this 35 years ago as a graduate student at Columbia University. He joined Regeneron and created these mice through genetic engineering. He perfected them. But there's more to it than just mice. There's end-to-end technology so you can go seamlessly from a new sequence of a virus to an antibody that can be manufactured at scale.

On the economics of developing a Covid-19 treatment: There are some people who suggest we're sitting around rubbing our hands together trying to figure out how to profit from the misfortune of this virus. This couldn't be further from the truth. You have people risking their health, and that of their families, by coming to work in the labs and manufacturing facilities to do all that stuff with only one goal in mind: How fast can Regeneron produce this and deliver it to the public? It's very frustrating for people to have any misimpression that this is easy work, at a time when many of us, including myself, are socially distancing. I'm sitting talking to you from home because I don't have to be in the lab, while so many dedicated people still have to come to work. They're heroes and heroines.

People at Barda [the Biomedical Advanced Research and Development Authority] realize that if they want to incentivize the industry to steer efforts toward these important diseases, and have shareholders take the risk, they have to have some marketplace. For a disease like Ebola, that might be a strategic stockpile, which we'll compete for. Government purchases will be a way for companies to reasonably return something to shareholders. We view that as important, but it's not driving us. We want to do well by doing good. The rest will take care of itself. B

Time to Call The Technicians

In chaotic times, technical analysis can offer unique insights into market trends. Three practitioners size up the outlook for stocks and sectors.

Mario Wagner

By LAUREN R. RUBLIN

To many, if not most, investors, stocks' brutal coronavirus-spurred selloff has defied fundamental analysis. After all, what good are traditional valuation metrics, such as price-to-earnings and price-to-sales ratios, when revenue and earnings estimates are thrown out the window as business activity comes to a halt?

If those who focus on fundamentals to determine an asset's fair value are rightly befuddled, technical analysts, who aim to gauge the direction of prices by focusing on historical price trends, buying and selling volume, and other statistical indicators, think they might have an edge. Technicians believe that history tends to repeat, and that studying price charts, particularly in relation to past trends, can help identify turning points in the market, optimal entry and exit levels, and changes in leadership.

"In this environment, you can't explain the magnitude of the moves you're seeing via fundamental analysis, or even by looking at things from a macro perspective," says Katie Stockton, founder and managing partner of Fairlead Strategies, a Connecticut-based research firm specializing in technical analysis. "But studying charts and prices can give you some guidance as to how oversold markets are, and whether further breakdowns are at hand."

Robert Sluymer, technical strategist at FundStrat Global Advisors, puts it more succinctly: "At times like these, price is news," he says. "It is often the only guide investors have during a panic."

> "I would not look for a meaningful bottom to occur until the number of stocks making new lows shrinks."
> Andy Addison

Barron's recently checked in with Sluymer, Stockton, and Andy Addison, founder of the technical-analysis research service The Institutional View, to learn what their indicators say about the market's future. There's bad news—after falling nearly 30%, to a recent 2409, the S&P 500 could have further downside. But there's good news, too, in the relative outperformance of sectors such as health care and stocks such as **Walmart** (ticker: WM), which could be well positioned once the carnage ends.

ANDY ADDISON

Addison says his technical work—which draws on the study of prices, moving averages, measures of buying and selling volume and momentum, and relative strength, or the performance of a security in relation to its benchmark—first generated sell signals in early January on oil and copper, and later, on small- and mid-cap stocks. On Jan. 26, it signaled a buy on the Cboe Volatility index, or VIX, which subsequently shot from around 15 to a high of 85.47. "I had no idea what would prompt the market's decline," he says. "But those sell signals warned me that something very negative was going to happen."

Now we know what happened: The coronavirus, which first surfaced in China late last year, is sweeping through the U.S., and wreaking havoc on the health-care system, the economy, and the financial markets.

Addison describes the selloff in the S&P 500 as "worse than anything we've seen since 1929, and maybe worse than that in the way it began." Specifically, the index fell through every price level at which it previously found buying support, including its 200-week moving average, without bouncing up. The washout took the S&P back to its December 2018 closing low of 2351.

Addison expects the S&P to try to stabilize around 2300; if it does, it could bounce up to 2650-2800, he says. But he warns that if it breaks below 2300 decisively, there is no meaningful support until 2000-2100. "Even then, the market might not hold there, given the dismal action in bank stocks," he says. "I would not look for a meaningful bottom to occur until the number of stocks making new lows shrinks, and more stocks begin to trade above their moving averages at various time periods."

With 10-year Treasury yields bottoming and the Treasury yield curve steepening, bank stocks should have gotten a lift, he says. Instead, monthly charts of the group's benchmarks, such as the KBW Bank Index, have broken down from a nine-year trading range. "That tells me we're going to see big loan losses, which makes sense, given the devastation we have seen across the economy," he says.

Health care looks like a much better bet to Addison, who cites **Amgen** (AMGN), **Eli Lilly** (LLY), and **Merck** (MRK) as promising names, based on their relative strength. "One of the best ways to identify new leaders once the fire is extinguished is to look for groups or individual stocks that have been declining less than their benchmark indexes," he says.

Relative strength is calculated by dividing a security's price by that of its benchmark index. The more the ratio rises for a security, the better it is performing, relative to the index.

Addison cites Chinese e-commerce platform **Pinduoduo** (PDD) as another issue exhibiting relative strength; it has broken out of a two-year base and outpaced the S&P 500 by 16 percentage points since year end. "When the price either doesn't return to the previous floor or holds there and bounces, that's a signal the selling pressure has begun to lessen," he explains.

ROBERT SLUYMER

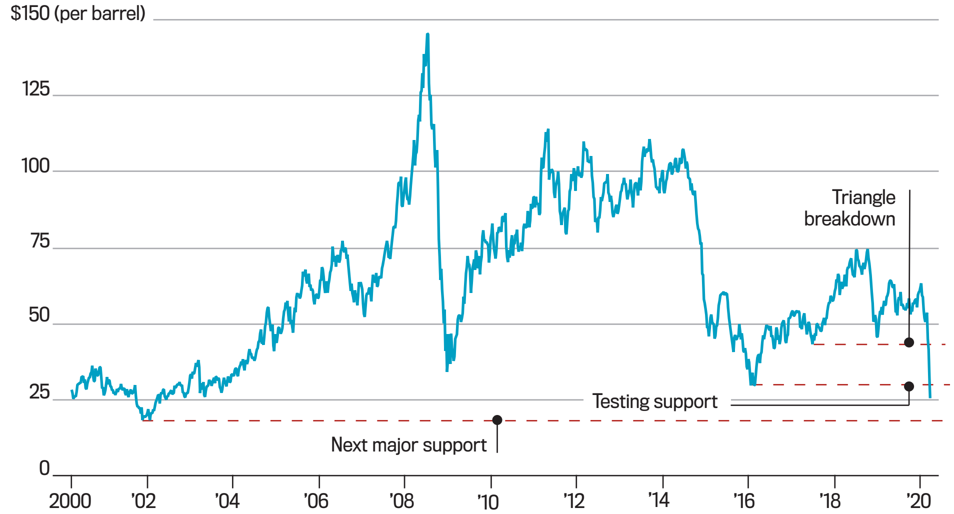
Sluymer's study of weekly momentum indicators, which track the rate of change of stock prices, led him to conclude late last year that the market would peak in mid- to late-February. "I thought we'd see a drop of 5% to 8% before bottoming in the middle of the second quarter," he says.

He still thinks the S&P 500 could bottom in April or May, and is eyeing support around 2346, the last major intraday market-cycle low for the index, hit on Dec. 26, 2018. "The S&P 500 undercut that level Wednesday and bounced off it, a move that coincided with a 62% retracement from 2016's low to 2020's high," he says, adding that markets often retrace 50% to 62% of their previous moves. "2346 is an important technical level that the market is challenging. If we see more backing and filling around it, we'll get more encouragement that it is a trading low."

Sluymer pays particular attention to

How Low Can Oil Go?

Triangle formations are characterized by lower highs and equal lows. Often, they are followed by significant breakdowns. Final support for oil is around $17/bbl, the 2001 low.



Source: Bloomberg

the market's 200-week moving average, currently around 2640.

During the secular bull markets of the 1950s, '60s, '80s, '90s, and 2010s, market-cycle lows often developed around their 200-week MAs. He harks back to what he calls the optimistic parallel—the 1957-'62 market cycle—which also saw a near-30% decline in the S&P 500, or a 62% retracement of the prior bull market, and a drop below the index's then-200-week MA. "We have to respect the market's recent break below its 200-week moving average, but the precedent for a recovery is there if you look at 1962 and other cycles," he says.

That said, other trends are ugly. Sluymer cites "significant technical damage" to charts of bank stocks, the energy sector, and emerging markets. Also, the MSCI EAFE index has broken an uptrend that had been in place since 1975.

But there are silver linings: Stocks such as Walmart and **Kimberly-Clark** [KMB] have done well, relative to the S&P 500, as has **Roper Technologies** [ROP], a maker of software and industrial products, along with some drug stocks. "It makes sense, especially for long-only institutional portfolios, to have some defensive names," he says. "Unlike individuals, they don't have the option of going to cash."

KATIE STOCKTON

Fairlead Strategies' Stockton pays most attention to charts' support and resistance levels, or potential areas of buying and selling pressure. "I'm looking for previous peaks and troughs where a security has found buyers and sellers before," she says.

She uses price as a guide, and tools such as Fibonacci retracement levels, which point to support and resistance levels derived from a number sequence discovered by a 13th-century mathematician. She also likes the "cloud model," whose formulas are based on the midpoint of high/low price spreads.

She's looking for the 2305-2350 level to provide a footing for the S&P 500. "It would be a natural place for buyers to step in and add exposure into weakness, at least temporarily," she comments. Stockton has a "neutral to lower" bias toward the index in the near term, but expects the current downdraft to give way to a buying opportunity in coming weeks. To gauge when, she'll be consulting a variety of indicators, including the stochastic oscillator—a momentum gauge that compares a particular closing price to a range of prices over a defined period. Readings range from zero to 100%, with 20% indicating oversold conditions, and 80%, overbought. "The stochastics currently are below 20%, and at least several weeks from turning up" she says.

Stockton is far more bearish on oil, whose most recent breakdown occurred in January from a "triangle formation," characterized in this case by lower highs and equal lows. "Breakdowns from that type of pattern tend to be fairly high-probability," she says. West Texas Intermediate crude is pending confirmation of a breakdown below $26 a barrel; Friday, it was around $23. Assuming it falls further over a two-week period—her definition of confirmation—final support, in her view, lies around $17, near the 2001 low.

Stockton, too, considers health care a port in the storm. "We see signs of downside exhaustion in the XLV [**Health Care Select Sector SPDR**]," she says. ■

FUNDS

Active management may be the best answer to the commodity-investing conundrum, but cheap options are scarce.

How to Choose a Commodity Fund to Protect Your Portfolio

By Lewis Braham

Should commodity investors be happy? While most asset classes are reeling from the coronavirus pandemic, commodities have held up better than stocks. Since the S&P 500 index peaked this year on Feb. 19, it has fallen 30%. The popular Bloomberg Commodity Index (BCOM) dropped 20% during the same period.

Investing in commodities isn't easy, though—and exchange-traded-fund investors are in a tougher spot. Unlike equities, commodity returns tend to be all over the map. In the past year, returns for the 115 commodity ETFs and exchange-traded notes ranged from 12.9% for the Aberdeen Standard Gold ETF (SGOL) to a 75.9% loss for the **iPath S&P GSCI Crude Oil Total Return Index** ETN (OILNF). With a return spread of 89 percentage points, how is the average investor to choose the right fund?

Even if you whittle down the sector to the 24 broadly diversified commodity ETFs, you still get a wide variance. **First Trust Alternative Absolute Return Strategy** (FAAR) and the iPath S&P GSCI Total Return Index ETN (GSP) are down 4.9% and 46.2%, respectively, in the past year.

"Investing in the passive indices for commodities is really like throwing a dart," says Renee Haugerud, founder of commodity investment firm Galtere and manager of the **SilverPepper Commodity Strategies Global Macro** fund (SPCAX). "It's not a singular asset class that trends in the same direction, like equities. Each commodity can have singular fundamentals that are diametrically opposed to each other."

Yet it's a good time to buy certain commodities. "If you look at the BCOM, we're below 20-year lows on commodity markets," Haugerud says. Before the 2008 crash, the BCOM was as high as 240, but is now at 62, she observes. There's less room for prices to fall during this downturn, even if global growth slows because of coronavirus. Equities, by contrast, are still well above their 2009 lows, so they have a greater potential downside.

Still, Haugerud isn't bullish on crude oil—often the largest commodity weighting in index funds—despite the recent selloff. Prices were too dependent on the "binary outcome" of OPEC production negotiations, she says. And after the OPEC deal to cut 1.5 million barrels a day of production failed and Saudi Arabia and Russia engaged in a price war, she accurately predicted that oil would fall as low as $20 a barrel.

In the short term, Haugerud is fond of gold as a defensive play for "risk-off" environments from virus fears. Long-term, though, coffee, cocoa, corn, and copper look more promising.

For Haugerud, one sign of an attractive investment is whether or not a commodity is trading below its cost of production, something the standard index ETF or mutual fund ignores.

"Corn is definitely below the cost of production," she says. Coffee had suffered from the invention of pods, as they require fewer beans to make a cup, but now, "if you have any increase in demand, new K-Cup efficiency isn't going to make the difference. I think coffee over the next five years is going to probably double."

Another positive sign is when demand for a commodity outstrips supply. That's why Haugerud's also a copper fan: "We've seen a huge destocking of copper, with supplies going down."

The same goes for palladium, which is used in cars' catalytic converters to reduce harmful emissions. "Currently, worldwide palladium usage is about 500,000 ounces a year," says financial advisor Lou Stanasolovich, whose Pittsburgh-based firm, Legend Financial Advisors, is one of the largest holders of the **Aberdeen Standard Physical Palladium Shares** ETF (PALL), according to Morningstar. "There are about 300,000 ounces that are mined every year."

To play agricultural opportunities, you could buy a single commodity index exchange-traded product, such as the **iPath B Bloomberg Coffee Total Return** ETN (JO) or the **Teucrium Corn** fund (CORN). But they're problematic, since commodities funds generally gain their exposure through futures contracts. Most indexed ETFs buy their futures contracts in a systematic rules-based way that often leads to suboptimal results, as futures prices often fluctuate in nonsystematic ways.

Active management may be the best answer to the commodity conundrum, but it doesn't come cheap. Haugerud's SilverPepper fund has beaten 93% of its peers and its Morningstar benchmark in the past five years with less volatility, but it charges a hefty 2% expense ratio. Another benchmark-beating active fund is **BlackRock Commodity Strategies** (BCSAX), which combines both commodity futures and stocks, but it charges 0.97%.

The most affordable active products tend to be active-passive hybrids. Newcomer **Vanguard Commodity Strategy** (VCMDX), which launched in June of last year, is intriguing, with its cheap 0.2% fee. It offers exposure to the BCOM, but "the active portion comes in the way that we are going to go about managing the futures contracts within the BCOM," says Matt Jiannino, Vanguard's head of Quantitative Equity Product Management. Unfortunately, it has a $50,000 minimum investment. **B**

Commodity Strategies for Individuals

Commodities have suffered during the long bull market in stocks, but now they could be a good strategy to protect your portfolio on the downside. Commodity funds are a diverse category, and often expensive. Choosing one isn't easy. Here are some suggestions.

Fund / Ticker	YTD Return	3-Yr. Return	AUM (mil)	Expense Ratio	Notes
Aberdeen Standard Physical Palladium / PALL	-16.0%	26.5%	$207	0.60%	Demand exceeds supply; this ETF holds the actual metal.
BlackRock Commodity Strategies / BCSAX	-25.0	-8.4	135	0.97	Actively managed mutual fund combines stocks and futures.
iPath B Bloomberg Coffee Subindex Total Return / JO	-22.3	N/A	55	0.45	Any increase in demand for coffee will benefit the commodity.
SilverPepper Commodity Strategies Global Macro / SPCAX	-14.9	-6.2	130	2.01	Actively managed fund with a terrific record, despite high fees.
Teucrium Corn / CORN	-11.4	-11.8	59	1.11	Corn is trading below the cost of production, a good sign.
Vanguard Commodity S Strategy / VCMDX	-22.8	N/A	256	0.20	A new, active/passive hybrid with a low cost
UBS ETRACS Bloomberg Commodity Total Return / DJCI	-24.9	-9.6	17	0.50	Tracks popular Bloomberg index.

Data as of March 17; three-year return annualized. N/A=Not appicable

Source: Morningstar Direct

THE ECONOMY

Checks Will Help People, But They're No Panacea

By Lisa Beilfuss

Stimulus checks are a nice idea in theory. They'll probably be too little, too late and not targeted enough to help much.

Markets have been clamoring for fiscal stimulus, some of it in the form of checks sent directly to households, as the coronavirus grinds the U.S. economy to a near-standstill. Many holed-up workers surely need cash as business shutdowns cascade across the country. Layoffs have started, as initial claims for unemployment benefits jumped 33% from the previous week—faster even than during the depths of the Great Recession—and it's only the beginning.

Treasury Secretary Steven Mnuchin said on Thursday that the Trump administration wants to send $500 billion to American households, or $1,000 per adult and $500 per child. Senate Republican and House Democrat measures, as well as other ideas being bandied about, call for varying amounts of direct aid with varying income limits determining eligibility. The Trump-backed plan is part of a potentially bigger but fuzzy fiscal package of about $1 trillion meant to help support families and businesses as the fast-spreading virus freezes the U.S. economy.

Economists have a pretty good handle on how stimulus works during normal periods of sluggish growth. Torsten Sløk, chief economist at Deutsche Bank Securities, said that for every $1,000 issued by check, consumption increases by about $250.

But this is a health crisis at its core, not a banking crisis, a housing crisis, or anything that resembles the stuff that stoked past recessions. That makes determining the most efficient stimulus approach difficult, as there is little by way of precedent. Given the logistical challenges of quickly getting checks into the hands of those who need it, the impact of stimulus checks on consumption seems limited at best.

Consider, as well, the relative size of the proposed sums. Consumption is 70% of the U.S. economy, which translates to about $14 trillion a year, or a little over $1 trillion a month. The plan Mnuchin has floated would plug about a half-month of lost consumption. That's a long way from covering an entire quarter or more of near-zero consumption across many industries.

The probable timing of any distribution doesn't work in our favor, either. When the Bush administration sent one-time stimulus checks in 2008 during the financial crisis, it took about two months from when the program was approved to when consumers received the money, Sløk said.

Apart from these problems is the simple fact that, beyond crucial housing and food expenditures, there are few places to currently spend extra cash. "If we get a check in the mail, we can't go to the movies, out to eat, or shop," Sløk said. "There's nowhere to spend it. On top of that, do I feel this is a good time to book a vacation in June?"

The marginal propensity to consume an extra $1,000 is thus lower than it otherwise might be, given the practical and logistical realities, he said.

"If you want to help the economy tomorrow, it's almost impossible," Sløk said.

The reality that stimulus checks probably can't move the needle much has some arguing that it's better to focus on the longer term.

James Angel, a professor at Georgetown University's business school, said that distribution of checks in 2008 didn't forestall the Great Recession. "We need to create jobs for the people who will lose them. Why not fix our roads and bridges, fix our health-care system, put it to work educating people," he said. "I don't think sending checks will solve the underlying problem."

Sending checks as quickly as possible can't cure the virus and won't save the economy. They're not nothing—plenty of people need a lifeline as more layoffs and economic disruption loom—but neither are they a game changer that will do much to put a floor under the recession upon us. B

INCOME INVESTING

Dividend Cuts Will Come, But Not Across the Board

By Lawrence C. Strauss

A week ago, dividends looked relatively safe across many industries—the operative words being "a week ago."

While *Barron's* last week explored a few sectors that had been hit hard by the surging coronavirus outbreak and the oil selloff, the breadth of the contagion's impact was seen as limited.

Since then, the outbreak has brought U.S. business to a near-standstill, and the broader picture has worsened for dividend safety as a severe recession looms. Iconic companies such as **Boeing** (ticker: BA) are now facing great financial stress, and **Exxon Mobil** (XOM) wasn't generating enough cash flow to cover its dividend even before the coronavirus emerged in the U.S.

"Dividend cuts are inevitable," says Richard Bernstein, CEO of Richard Bernstein Advisors. "Dividends are a function of cash flow, and cash flows will undoubtedly come under intense pressure."

Some companies are already making moves to preserve cash. **Allegiant Travel** (ALGT), which operates a small airline, on Wednesday said that it was suspending its dividend and stock buybacks. That move follows Sunday's announcement by eight major banks that they would suspend their stock-repurchase programs.

David Trainer, CEO of investment-research firm New Constructs, expects there will be more freezes, cuts, and suspensions "the longer and deeper the economic contraction continues." Without cash flow, he adds, "many companies will not be able to support their dividends."

Still, it's early days in understanding the impact on companies, and predicting how many of their payouts could be in peril is difficult. By way of comparison, during the 2008 financial crisis and recession, 40 S&P 500 index companies cut their dividends and 22 announced suspensions, according to S&P Dow Jones Indices. The following year, cuts rose to 68, and there were 10 suspensions. However, 151 companies, or 30% of the S&P 500, did notch dividend increases that year as the economy emerged from recession and the stock market began its (recently ended) bull run.

Howard Silverblatt, senior index analyst at Dow Jones Indices, expects companies whose sales and cash flow are hit the most by the crisis "to suspend or minimize their dividends, with others keeping increases to a minimum."

To that point, even during the coronavirus crisis, some companies are increasing their payouts. On March 13, tech company **Applied Materials** (AMAT) announced that it will boost its quarterly payout by a penny, or nearly 5%, to 22 cents a share.

For dividend safety and the overall coronavirus crisis, time is the enemy.

"We don't know how long we will be in this situation, and of course the longer it goes on, the more stress there will be in the system," says Lee Spelman, head of U.S. equities at J.P. Morgan Asset Management.

She expects that many companies will halt share buybacks as a first step to preserve cash, as large banks did this past week. "We also know that there are likely going to be dividend cuts from some of the more financially stretched and vulnerable companies," Spelman adds.

"It is difficult to say definitively that any sector is immune to these events," she says, though energy companies have been hit hard, and that's "where we see the biggest dividend cuts." The oil patch is fighting a war on two fronts: the coronavirus and falling oil prices.

Many large banks have halted stock buybacks as a precaution with short-term interest rates near zero. But "balance sheets are in much better shape than during the 2008-09 period, and right now we are not expecting any dividend cuts," she says.

Spelman offers this advice: "Now is the time to keep a sharp eye on the financial conditions of every stock [you] own." B

TECH TRADER

Cash is now king. And on that front, tech stocks are better positioned than any other sector.

Big Tech—the Growth Play—Is Now a Defensive Stalwart

For a month, **Uber Technologies**' stock tumbled as investors worried about the company's survival in a socially distanced world. From Feb. 11 to March 18, the stock shed 64% of its value.

CEO Dara Khosrowshahi had seen enough. On Thursday, he quickly scheduled a conference call to tell investors that no matter how bad things got with coronavirus, Uber was "well positioned to weather this crisis and to emerge even stronger."

Uber (ticker: UBER), he noted, has $10 billion of uncommitted cash in the bank, an untouched $2 billion revolving credit line, and no long-term debt due before 2023. Even if Uber's ride-hailing business drops 80% for the rest of the year, Khosrowshahi said the company would finish 2020 with at least $4 billion in cash on hand.

Khosrowshahi's reassurance sent Uber shares soaring, up nearly 40% right after his call. Rival **Lyft** (LYFT) jumped 29% on the news.

There's a clear lesson for investors here: Cash is now king. And on that score, tech stocks are far better positioned than any other sector.

For investors looking to jump back into the market, this is a rare opportunity to buy tech's Big Five—**Alphabet** (GOOGL), **Amazon.com** (AMZN), **Apple** (AAPL), **Microsoft** (MSFT), and **Facebook** (FB)—on the cheap. The virus issue affects them all, but each company is likely to come through the downturn with its business intact.

All five companies have sparkling

By Eric J. Savitz

balance sheets. Together, they have $587 billion in cash against just $200 billion in long-term debt. Apple has the biggest pile of total cash, with $207 billion at year end, against $108 billion in borrowings. Accounting for debt, Alphabet is even more flush. It has $128 billion in net cash.

Alphabet, Amazon, Apple, Facebook, and Microsoft have shed a collective $1.4 trillion in market value from their February peaks; the stocks were down an average of 25% through Wednesday. And therein lies the opportunity.

Steve Milunovich, a Wolfe Research strategist who has covered tech since the 1980s, says he's still feeling confident about the big-cap tech names. He remains bullish about the growth of cloud computing—a technology that makes it possible for many people to work from home, and a market that's dominated by Amazon, Microsoft, and Alphabet.

Meanwhile, Milunovich thinks governments may take a looser approach to tech regulation coming out of the downturn than has been the case in recent quarters, as the focus shifts toward restoring growth. (See page 30 for a different view on that topic.)

Here's a closer look at the market's five largest tech companies:

Amazon's shares have held up well in the market's tumble, and still sport a modest gain year to date. The company is seeing a surge in retail demand, as homebound consumers expand their use of e-commerce to include more daily staples. "Amazon is serving as an important source of food, cleaning supplies, and other essential household items, as physical stores are closing and people increasingly avoid public spaces," J.P. Morgan analyst Doug Anmuth wrote in a research note last week.

The company plans to hire 100,000 additional workers for its fulfillment centers and delivery network. Anmuth thinks Amazon will come out of the crisis with a stronger share of both online commerce and overall retail. And Amazon Web Services continues to be the leading cloud-computing player.

Milunovich sees multiple reasons to like ***Microsoft*** shares. The software giant has warned about near-term weakness in demand for PC-related software, and enterprise-software demand could soften, as well. But the company's Azure cloud business is still growing rapidly, there's a new Xbox game console on the way, and the company is seeing huge growth for its own cloud-based service offerings.

Last week, Microsoft announced that it now has 44 million active daily users for Teams, the company's workplace communications tool, a serious rival to **Slack Technologies** (WORK). Microsoft said it had signed up 12 million new users in the past week alone.

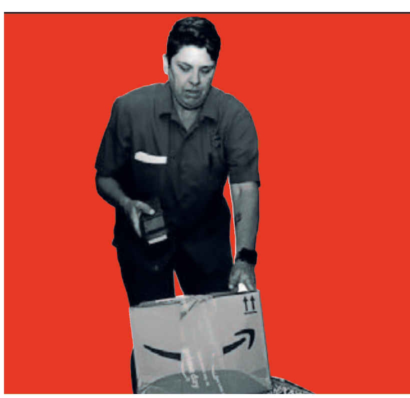
Apple was the first major tech company to warn about coronavirus, back on Feb. 17. At the time, Apple withdrew its March-quarter outlook, noting the outbreak was hurting demand and causing supply-chain issues.

But the supply chain in China is improving, with contract manufacturer Foxconn's factories coming back on-line. Apple has reopened all 42 of its stores in China. Granted, the company has now closed the rest of its stores worldwide. The slightly good news is that the March and June quarters are slower times for Apple, and stores could reopen in time for the iPhone 5G launch expected this fall. Meanwhile, Apple has spent the past several years bolstering its services business. Music, streaming, and app purchases could get a boost with consumers stuck at home.

RBC Capital internet analyst Mark Mahaney notes that both ***Alphabet*** and ***Facebook*** stand out in a world worried about liquidity—the two ad-driven giants have more than $200 billion in cash and almost zero debt. Both companies will surely see an impact from the current crisis, but it's hard to imagine either one of them reporting negative free cash flow, Mahaney says.

Some 10% to 15% of revenue at Alphabet's Google comes from travel-related advertising. Those dollars are sure to dry up in the coming months. Facebook has less travel exposure, but could be more vulnerable to a pullback in brand-related advertising. But the crisis is driving a surge in user activity—Facebook said last week that calls on WhatsApp and Messenger have been double their typical levels.

Mahaney contends the downturn offers investors a chance to upgrade the quality of their portfolios. "If you always wanted to own Google or Facebook or Amazon, this is a wonderful opportunity here. It's your chance to buy the highest quality assets, 25% cheaper," he says. "When you do decide to buy equities again, you can start there." B



Lynne Sladky/Associated Press

Alphabet, Amazon, Apple, Microsoft, and Facebook have a combined $587 billion in cash on hand—and just $207 billion in debt.

An Army of App Developers Pushes Back on Apple's Power

Why a global pandemic won't stop businesses—and governments—from pushing back on big technology companies.

By MATT SMITH

Ben Volach, co-founder of the email-app company Blix, was making the rounds of **Apple**'s annual developer conference in June when he happened upon a presentation of Apple Mail's newest feature. The motto for the San Jose, Calif., conference was "Write code. Blow minds." But Volach found that it was his own mind being blown.

"We were shocked to see Apple copying our technology and announcing it onstage," he says. "A couple of days later, there was the shock that our Mac application was kicked out of the App Store."

The feature allowed users to access websites anonymously using email, similar to a function that Blix's flagship BlueMail app had released 10 months earlier. Blix sued for patent infringement and claimed that Apple was using control of its App Store to bully competitors. In filings and statements, Apple (ticker: AAPL) scoffed at the idea that it's a monopoly and said gate-keeping is carried out strictly in the interests of security and reliability. In February, after eight months, Apple returned BlueMail to its Mac App Store, saying the product now complied with Apple guidelines.

Apple told *Barron's* that Blix declined its offers to help the company comply with App Store guidelines, and that Blix's products posed security risks for customers. Once those issues were fixed, the app was allowed back in the store, Apple says.

But Blix—which has 40 employees worldwide, spread across Israel, New Jersey, and the United Kingdom—plans to fight on, seeking to lead a backlash against the App Store from a growing list of disgruntled App Store developers. Its patent-infringement claim against Apple is pending in federal court in Delaware.

Government officials in Europe, the U.K., and the U.S. have also taken notice. While **Facebook** (FB), **Amazon.com** (AMZN), and **Alphabet** unit (GOOGL) Google have dominated much of the regulatory attention, officials worldwide have made it clear that Apple is in their sights, as well.

The pressure hasn't abated, even as the world deals with the coronavirus pandemic. On Monday, France fined Apple $1.2 billion, the largest ever penalty from France's competition authority, which cited anticompetitive behavior in the distribution of iPads and other Apple products.

But Apple's App Store is likely to come under increased regulatory scrutiny of its own, particularly as developers like Volach push back on the platform.

Disgruntled customers and developers say Apple adds to its advantage by weighing the scales in favor of its own products, charging outsize fees, restricting how and when developers may distribute phone apps, and collecting and hoarding valuable business information about the developers' own customers. Apple takes a 30% cut for in-app purchases and first-time subscriptions.

Developers in Europe and the U.S. are filing lawsuits, testifying before legislators, lobbying the European Commission, and urging regulators to look at Apple as a de facto monopolist whose moves warrant scrutiny.

Critics describe Apple's control over its App Store as more anticompetitive than Google's rival offering, known as Google Play. A study by

> "We were shocked to see Apple copying our technology and announcing it onstage."
>
> **Ben Volach, founder of email-app firm Blix**

Curt Merlo

researchers affiliated with the University of Amsterdam concluded that Apple changes its rules when it releases its own products, whereas there appeared to be no such correlation with Google's Android software. Android users can get apps from various marketplaces, including from Amazon and Samsung Electronics, while iPhone users are restricted to the Apple App Store. Google also makes it easier to set up outside products as the default apps on Android phones, according to Blix's legal complaint.

In statements to *Barron's* and regulators, Apple refuted the idea that its policies and practices are intended to suppress competition. The company says its platforms are managed to promote developers' products, even in cases when Apple sells competing versions. Rules denounced by officials and merchants as anticompetitive actually protect consumers from fraud, eavesdropping, and other dangers, the company says.

"Giving developers a fair and level playing field has been key to our success—and we will stay on that course," the company said in a statement to *Barron's*.

As for the French fine, the company said the ruling went against precedent and harms French consumers. Apple says it's planning to appeal.

Apple's App Store generated roughly $15 billion in sales in the last fiscal year, up 20% from a year earlier, according to data from Visible Alpha, making it one of Apple's fastest-growing units. iPhone sales were down 14% over the same period.

Gene Munster, a partner at Loup Ventures, a tech-focused venture-capital firm with offices in Minneapolis and New York, estimates that the App Store alone is worth somewhere from $150 billion to $200 billion. Apple's total market value is roughly $1.1 trillion, accounting for the stock's coronavirus selloff.

The App Store's importance to Apple goes beyond revenue; the platform drives loyalty from users across Apple's entire hardware and software ecosystem. "If there's much more scrutiny of the App Store, there would be clear business-model implications and some revenue headwinds, and it's something that investors are keeping a close eye on as the Beltway takes a closer look at tech stalwarts," says Wedbush analyst Daniel Ives.

Munster, however, believes that Apple might come out better than its peers. "I think Apple is in the safest camp, even though this is a topic that will gain momentum, because I think the company will navigate this and succeed in maintaining its pricing structure," he says.

But Apple is a large target across the globe. **Spotify Technology** (SPOT), the Swedish streaming-music pioneer, has a complaint working its way through the European Commission claiming that Apple sets an unfairly high, 30% commission rate on subscriptions bought through the App Store. Last May, the U.S. Supreme Court, against Apple's wishes, allowed a class-action suit alleging unfair App Store pricing. The case is scheduled to reach federal court in March 2022, but action could happen well before then.

"We're confident we will prevail when the facts are presented, and that the App Store is not a monopoly by any metric," Apple said in a statement released following the Supreme Court decision.

Tile, a maker of Bluetooth location-tracking devices, says it has come up against Apple's power in recent months. In January, the company learned that its products would no longer be sold in Apple's physical stores. The timing coincided with reports that Apple was releasing a similar product of its own, in the form of an enhanced Find My iPhone app, says Tile's general counsel Kirsten Daru. She adds that Tile began facing technical roadblocks with Apple starting last fall. "All this came at the same time," Daru says. Apple also hired one of Tile's key engineers shortly before the company released its new iOS 13 iPhone software in September, which, Daru says, gave Apple a "material competitive advantage over us."

Daru made similar comments to Congress in January. At the time, Apple told congressional members, "Stronger privacy protections may not be in everyone's business interest, but they are in the interest of every person with a smartphone."

More than a dozen parental-control apps, including Kidslox and Qustodio, fought a two-year battle to be reinstated to the App Store after they were booted when Apple introduced a rival app. They were allowed to return in September only after European Commission antimonopoly officials intervened on their behalf, says Viktor Yevpak, CEO and co-founder of Kidslox.

"Apple enjoys a dominant position, and it abuses its position," Yevpak said in an interview from his office in Ukraine.

Apple said in a statement that it had acted to protect consumers: "We do not think it is okay for any apps to help data companies track or optimize advertising of kids."

Yevpak, like Volach, has stumbled into a role as resistance leader, as disgruntled app developers from all over the world contact him to discuss strategies to protest what they see as monopolistic behavior from Apple.

"Companies started coming up to me and saying, 'Me too. Me too,' " says Yevpak. "Everybody in this field, the Nortons, the Kasperskys, the big players and the small players, are approaching me to complain."

David Heinemeier Hansson, chief technology officer and co-founder of Basecamp, a project-management software offering, cites Apple's App Store fees as evidence that Apple enjoys a duopoly alongside Google. He told a congressional antitrust panel in January that Apple's onerous 30% commission is clear evidence that it has market power. Basecamp now avoids the fee by providing its apps free in Apple's store, while attempting to sell services on the internet, even though the process makes its product less customer-friendly.

"Most mobsters would not be so brazen as to ask for such an exorbitant cut," Hansson says.

Apple told the same panel that its fee was commensurate with the App Store's role as a "channel for the distribution of developers' apps and the cost of many services—including app review, app-development tools, and marketing services."

The rhetoric from app developers echoes U.S. anti-railroad rebellions in the late 19th century, when protests against that era's dominant commercial platform led to the creation of anti-cartel political parties and a national progressive movement with a trust-busting theme. Today's app-developing rebels haven't produced their version of the 1890 Sherman Antitrust Act. Not yet, at least.

"I would expect Europe to be much more aggressive in the near future in terms of enforcement related to Apple," says Gene Kimmelman, former chief counsel for the U.S. Department of Justice's antitrust division.

"We keep hearing concerns about the power of platforms, about the way they control our access as businesses as well as us as individuals," European Union antitrust czar Margrethe Vestager said in a Brussels speech a year ago. "By controlling the terms of access, they expand their power across the digital world."

Last month, the EU released a "European Strategy for Data," which calls out "imbalances in market power" and highlights Vestager's past comments.

Asked during a recent antitrust event in San Francisco whether the European Commission's strategy might soon include a crackdown on Apple, Kris DeKeyser, the EC's deputy director general for antitrust, said, "The commission will be a bit more granular in upcoming events."

Separately, the European Commission has levied a 4.34 billion euro fine against Google for allegedly breaching EU antitrust rules on its Android apps platform. In that case, now on appeal, the commission said that Google and Apple's app stores operate as two separate markets, setting up Apple to be characterized as having market "dominance" on its own platform. Such a designation could enable European regulators to respond more aggressively to claims that Apple has abused its position.

The U.K. has also been assertive on this issue, with a major report last March urging the U.K. to enforce a "clear set of rules" to fight monopolistic digital platforms.

In the U.S., the House Judiciary Committee's antitrust panel has sent a document-request letter drawn specifically from developers' complaints.

Meanwhile, the Department of Justice and the Federal Trade Commission are both conducting reviews into the tech industry. Spokespeople for the FTC and DOJ declined to comment about Apple.

Elsewhere, state attorneys general are sharpening their pencils and studying up on internet technology following announcements that eight states will confront concerns that internet platforms use their dominance to squelch competition.

"If you're leveraging it to prevent or foreclose others from competing in your app store, preferencing yourself, or you have sweetheart deals, that can trigger a harm to competition that you could challenge under the antitrust laws," says Kimmelman, the former Department of Justice antitrust official. B

All About Apps

Apple's App Store is one of the company's fastest growing units.

$15.3 B

Estimated App Store revenue in fiscal 2019, according to Visible Alpha

20%

Estimated growth for App Store revenue in fiscal 2019

-2%

Apple's overall revenue growth in fiscal 2019

Q&A

An Interview With Inigo Fraser Jenkins
Co-Head of Portfolio Strategy, Bernstein Research

Strategy For a Time Of Turmoil

By LESLIE P. NORTON

The job of a sell-side analyst is to have a market forecast, says Inigo Fraser Jenkins, the outspoken portfolio strategist at Bernstein Research. But given the unprecedented collapse in growth expectations, accompanied by central bank interventions and the slump in asset prices, most strategists find themselves unable to price major benchmarks like the S&P 500 index. Still, he says, a strategist can provide a framework for looking at the market and probable future returns. He even says it could be time to buy stocks, if you have a two-year horizon. *Barron's* spoke with Fraser Jenkins, 45, on Wednesday, March 18, as the market was rising briefly before falling again later that day. Here's an edited version of our conversation.

***Barron's*: We've had a lot of big moves in the markets, and policy responses don't seem to be working. What are you telling clients?**
Inigo Fraser Jenkins: We're moving past the stage where using prior movements as a template is the way forward. They're useful as a benchmarking exercise. But two things are different: The scale of economic effect and the road to monetary policy, which leave us in the hands of government policy and fiscal policy. What we've seen in the past 24 hours—helicopter money, the suggestion that maybe Europe can get around to issuing common European debt—are the kinds of policy responses that are needed. We are at the beginning of the process. Helicopter money is a great start, but I suspect it won't be the final one. The huge uncertainty is what the profile of economic growth is. The shutdowns for social distancing may be for a more extended period [than most people expect]. That means the path of government policy becomes the critical floor for the market, rather than valuations.

Photograph by Tori Ferenc

The Bernstein strategist has worked at Nomura, Lehman Brothers, and the Bank of England. Based in London, he attended Imperial College Business School and the London School of Economics. He has degrees in physics, the history and philosophy of science, and finance.

"Policies previously regarded as unthinkable are on the table; it's very hard to make a call." Inigo Fraser Jenkins

What's your market forecast?
It's the job of a sell-side strategist to have a market forecast, but I don't think it's possible right now. The evolution of government policy, day by day, is driving the market. Policies previously regarded as unthinkable are on the table; it's very hard to make a call. It's a massive economic shock and change in the policy narrative.

OK, so what are some of your market assumptions?
The average peak-to-trough fall in S&P 500 operating earnings has been 26% over the six largest declines since 1980. Assuming a similar impact would put the current S&P forward multiple at 17.8 times, which is the average level over the past five years. That's not depressed, and it's above previous recessionary lows. Our estimate of the U.S. equity risk premium, using cyclically adjusted earnings, is 4.2%, still below the peaks reached in the global financial crisis and the euro zone crisis.

That said, one of the things we need to find out is how governments may shield companies from the fall in gross domestic product, including some proposals to pay salaries of workers or allowing people not to pay tax.

When will we see a rebound in the S&P 500?
I'd be a buyer on a two-year horizon, assuming vigorous response from governments and that we don't get into a situation where we talk about certain sectors or companies being nationalized [outside the U.S.]. That's a risk. Normally in a slowdown, companies can adjust their cost base in a gradual way. That's not possible now. If companies are bailed out, there has to be a question of nationalization risk.

You are recommending U.S. stocks.
The basis for recommending the U .S. over Europe is the change in the policy driving the market. We're seeing a pivot away from monetary policy to fiscal policy. The euro zone is at a structural disadvantage, because it never got around to [creating a] fiscal union. It will be easier for government policy change to take place in the U.S. than across Europe. Some clients argue that Europe is cheaper than the U.S. [But it's not,] adjusted for sectors and the absence of the tech sectors.

Sustainable-yield companies have good free-cash yields and haven't cut their dividends over a 10-year history. We published a list, overlaid with analyst views. In the U.S., it's names like **PepsiCo** [ticker: PEP], **Clorox** [CLX], **Kimberly-Clark** [KMB], **Johnson & Johnson** [JNJ], and **TJX** [TJX]. In Europe, it would be some of the health-care sector names like **Bayer** [BAYRY] and **Novo Nordisk** [NVO].

Will this crisis change the way people invest? Is "buy the dip" dead?
We've moved away from an era where the assumption was that the cycle could be cushioned by monetary policy. Now, it's fiscal and government policy. The coronavirus might bring home the issue that return assumptions have been too high, which [could be] one of the key inputs to how investing changes.

How does one put together a cross-asset portfolio that can beat inflation and is suitable for pensions and endowments? The risks of bond markets can't be overlooked—returns will likely be lower than inflation. I don't think this will feed an immediate change in the expected return of pension plan assets. Lots of people will be hesitant to plug in lower expected returns. We might see an accelerated move toward private equity, a major feature of asset allocation for institutions and plans over the past five to 10 years. But people using this as a basis to increase allocations to private equity misunderstand the true volatility of those assets.

What's a pension trustee to do?
Having a more flexible approach to asset allocation is even more critical. There are more-efficient ways for asset owners to invest than the simple 60% equities and 40% bonds or the equity-bond-alternatives split. It doesn't allow asset owners to fully take advantage of the permanent fall in fees on certain return streams. I'd suggest, instead of dividing assets by class, thinking about the role those assets play in a portfolio. I'd really draw a distinction between beta [market exposure] and idiosyncratic alpha [the excess return of an investment over a benchmark], and cash. Think about a portfolio as a much more flexible set of return streams. The other thing that forces things this way is the real risk of underperforming inflation.

Is inflation likely to be high, given the expected increase in government spending?
That's incredibly uncertain, given the strong positive and negative forces: The crisis related to the virus and the price war in oil, which, if it makes new lows, will be very deflationary. At the same time, we're likely to see a much looser labor market. Against that, we'll see supply shock. And the fiscal changes we're seeing in the amount of bond issuance from governments will be inflationary, but not anytime soon.

What does this mean for asset managers?
Active managers often feel they're caught between two forces. On the one hand, they have to show alpha that goes over and above exposures to simple factors that investors can buy through smart beta [strategies]. On the other, they can actually go on the offensive, by engaging with companies and bringing about corporate change. That's the same thing that private-equity managers do. If a portfolio manager is seeking to achieve alpha through engagement, and if clients who bought their funds sign on to that, it's more likely those clients will stick around for longer to see the fruits of that engagement.

Sounds like old-fashioned shareholder activism.
A lot of these engagements have specifically focused around environmental, social, and corporate governance, or ESG, issues. But it can be issues that have more to do with fundamentals, such as a business strategy gone wrong, and working with companies to change that. Asset managers need to do a better job at capturing their history of engagements with companies and communicating it to clients.

Will there be changes in investing models, too?
Yes. At the moment, 99% of fundamental company models manifest themselves in Excel and look very similar to the old paper spreadsheets. We'll see more fundamental company models [built based on software derived from digital tools such as] Python, a free coding language with online libraries containing prewritten chunks of code.

There will obviously be huge resistance to this: Why change something that has been working? The push force is cost pressures—updating the model, sourcing the data can be done by an algorithm. The pull force is the so-called idiosyncratic alpha, which can't be achieved by a simple factor like value or momentum or quality. One route is to much more broadly expand the data used to make investment decisions: So, in the travel and leisure space, you have mass web scraping of websites to find the prices for products or services the company is selling. That ends up with numbers that you can put into your Excel spreadsheet. But there's no reason that the intermediate [Excel] stage needs to be kept. You could go straight through to the end model, at some point.

You are famous for saying that passive investing was worse than Marxism, because at least in Marxism there's a centralized body making decisions—whereas in passive investing, money moves indiscriminately into companies in an index. Do you regret that comparison?
No. It's important to point out that the active-management industry plays a role in capital allocation over and above its role in generating some kind of return stream. It's a role performed by the industry en masse. The growth of passive investing has been one of the greatest forces for democratizing investment and for cheapening access to the capital markets. Likewise, I wouldn't want to be seen as defending all active management. The bar is being raised quite materially on the active industry.

Thanks, Inigo. B

Key Factor

"Shutdowns for social distancing may be for a more extended period [than most people expect]. That means government policy becomes the critical floor for the market, rather than valuations."

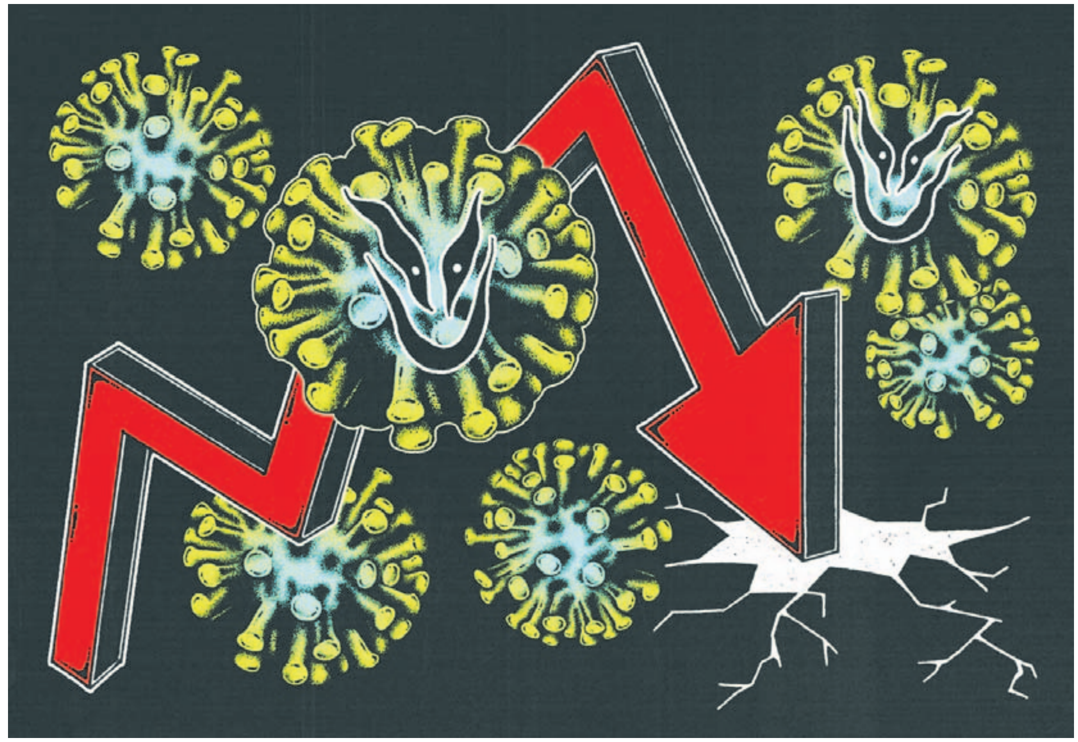
17.8 times

The S&P's forward P/E if its operating earnings fall 26%.

OTHER VOICES

A month ago, with U.S. equity indexes at record highs, there were but few references to the virus in the U.S. media.

What's Coming Down the Track? Look to China.



By George Magnus

In the new world of coronavirus, life moves quickly.

A month ago, with U.S. equity indexes at record highs, there were but few references in the U.S. media to the virus in China, in some other countries, and on cruise ships. By this week, with equity markets pausing momentarily, having slumped by 30%, there is 24/7 coverage of a pandemic that has put nation after nation into lockdown and quarantine. The economic consequences are going to be surprisingly ugly, with U.S. gross domestic product likely to record a double-digit annualized decline in the April-June quarter and a recessionary year pretty much baked in the cake.

The U.S. and Europe are about a month or so behind China, epidemiologically but also economically. To see what might be coming down the track, think about China for a moment.

In the past two weeks, Chinese economic data for February—the first month of lockdown—have shown an unprecedented collapse in readings for business confidence, industrial production, investment, and retail sales. Industrial production and services output, for example, were down about 13% in the year to January/February. The nominal value of retail sales was down 20%, in spite of a surge in online shopping and deliveries. Investment spending and property transactions fell off a cliff.

March data will hardly be much better, and there will be a unique and large contraction in China's GDP in the first quarter. Year-on-year growth could be negative, too.

Even though China is now slowly getting back to work, the unemployment rate rose one percentage point, to 6.2% (certainly an underestimation). The global coronavirus recession now emerging will sting China's economy just as its leaders believe the worst to be over. Officially, the government is still targeting about 6% GDP growth in 2020, but China will be lucky to eke out a positive outcome at all.

The U.S. and Europe are in pursuit, even if Western lockdowns and quarantines are less draconian. That said, Italy, Spain, and France have recently mandated tough containment measures. So have a raft of U.S. cities and states. Open borders and public health crises do not make comfortable bedfellows, and in the past month the U.S., Canada, and the European Union have been among many to restrict access by foreign citizens. With airlines reeling, and shops and factories on the cusp of large losses, we have arrived at what economists call a "sudden stop" in the travel, tourism, hospitality, entertainment, retail, and housing sectors.

In response, the Federal Reserve and the Trump administration have joined other G-7 central banks and governments in conveying their angst about an unfolding recession, if not looming depression. The Fed announced emergency measures to cut the federal-funds rate to zero and pump several hundred billion dollars into the financial system to prevent a potentially damaging seizure of liquidity. Renewed purchases of Treasury bonds, or quantitative easing, and the establishment of a new lending facility to support the commercial paper market—a vital credit source for larger companies—were among initiatives designed to temper the "dash for cash" and instill order into credit markets.

The federal government has a potentially more powerful role to cushion the fall in GDP brought on by the inability or unwillingness of the private sector to spend and borrow. Treasury Secretary Steven Mnuchin is trying to get the Senate to agree to an $850 billion package of stimulus, which ultimately might include a payroll-tax cut, help for the beleaguered airline and other sectors, loan assistance and tax-payment relief, health care and other investment, and direct income support payments.

At just over 4% of GDP, this figure would be significant. To be effective, though, a lot of fiscal stimulus might have to wait for the peak of the infection, the restart of businesses and factories, and normalization of work. It might not be enough.

> "The U.S. and Europe are about a month or so behind China, epidemiologically but also economically."
> **George Magnus**

The consumption share of GDP in the U.S. is 68%. Spending on transportation services, leisure activity, hospitality, and eating out amounts to just over $2 trillion, or about 14% of total consumption. A 20% drop in this sort of consumption alone translates into a direct 2% decline in GDP (8% annualized in a quarter). But the secondary effects of shutdowns, such as rising unemployment, bankruptcies, and loss of confidence, would compound the impact considerably.

China's experience may well foreshadow what's coming for the West. But neither in China nor anywhere else do we know if there might be a second wave of seasonal infections or when an effective vaccine will emerge.

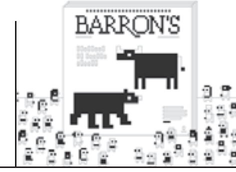
On top of the U.S.-China trade war, relations have continued to sour during and because of this health crisis. Moreover, we have yet to think through the transformational impact of the crisis on supply chains, globalization, and Sino-Western relations—and at home, on public health systems, the nature of work, and fiscal legacies.

The 2020 economic effects of the coronavirus crisis are just an hors d'oeuvre. B

George Magnus is the author of Red Flags: Why Xi's China Is in Jeopardy; an associate of the China Centre in Oxford, Britain; and a former chief economist of UBS.

Kelsey Niziolek

MAILBAG



Coronavirus: Threat and Response

To the Editor:
I wholeheartedly agree with Randall W. Forsyth's criticism of the Trump administration's response to the recent Covid-19 pandemic ("Trump's Response to Coronavirus Boosted the Stock Market. The U.S. Is Coming Up Short," Up & Down Wall Street, March 13). Amazingly, President Donald Trump put [Vice President Mike Pence], a political hack who doesn't believe in the science of evolution, in charge of the U.S. task force responsible for our safety. Our ability to test for the virus is woefully insufficient, compared with South Korea's highly efficient system.

Trump can't even accurately convey the details of his edicts to the public. And on Saturday morning, there he was on television actually patting himself on the back for Friday's rally, despite the huge losses during the week.

I greatly appreciate *Barron's* for the substantive and thorough analysis of where we are, where we are going, and what we should do. The expertise of such notables as Joseph Carson, Ed Yardeni, and the Roundtable ensemble offers a glaring comparison with Trump's fecklessness.
Bill Gottdenker
Mountainside, N.J.

To the Editor:
Forsyth seems to think there's a magic bullet to solve the coronavirus problem and that Trump should have found it right after the problem surfaced. In addition, he seems to think the administration should duplicate the measures taken abroad. I have to disagree.

First, the outbreak is not nearly as severe in the U.S. as it is in Europe. Second, statements like those made by Chancellor Angela Merkel that 70% of the population in Germany may contract the illness are counterproductive. Creating a panic only causes people to spend time and energy on irrational measures likely to lead to shortages of everyday products that are ineffective in stopping the virus. They will also lead to paralysis of the economy and weaken the country financially.

A more reasoned approach, like the public-private partnership laid out by the Trump administration, makes the most sense. If a pandemic does ensue, the government will not be able to cope with it. Government-run health care has come up woefully short in a Veterans Administration that has been beset by fraud and unacceptable wait times. Do we need this on a larger scale?

There are no simple answers to a pandemic like we might experience, and criticism with the benefit of 20-20 hindsight does little good. Cooler heads, like Trump, are what's needed, not Chicken Littles who proclaim the sky is falling.
Robert M. Sussman
Paradise Valley, Ariz.

Amid the Carnage

To the Editor:
Virologists in Germany expect a "second wave" of infections in July and August ("18 Stocks to Buy Amid the Coronavirus Carnage," Roundtable, March 13). On the other hand, the virus seems to be contained in China, where the infection rate has practically dropped to zero. It is going to be a race between development of a vaccine and the effectiveness of measures taken by health authorities. We in Germany have closed hospitals for elective surgery. We have emptied hospital beds as a preparative matter to allow people to be isolated if tested positive. Drägerwerk [a German company whose products include breathing equipment] has been asked to provide an additional 10,000 ventilators for intensive-care units.

So far, the mortality rate in Germany is way lower than in Italy, and the reason is unclear. The mortality rate here has been 0.3%. Germany has long been criticized for having way too many hospital beds. Now, we are seemingly benefiting from this. I wonder what is going to happen in the Netherlands, where the number of hospital beds per capita is dramatically lower.

Because things happen with a short delay in the U.S., European countries should give you on the other side of the pond an idea of what is going to happen (and what is not going to happen). Still, I think that buying the dip right now is probably too early if you look at what is happening in Europe. No company has yet declared bankruptcy (apart from flybe in the United Kingdom).

If this is as bad as it seems, the worst may still lie ahead of us.
Ari Giagounidis
On Barrons.com

To the Editor:
Walt Disney is way overvalued, even at its latest price. Bob Iger retiring was probably no coincidence. He saw what is coming. Fox is looking pretty smart unloading its movie business to Disney, which has loaded up with debt just as the cash flow is going to go negative. And Disney+ is not going to help. Disney as an investment is in the perfect storm—it has a long way to go down. When the insiders start buying Disney, you'll know it's time to get back in.
Joe Farrell
On Barrons.com

Think Like a Lender

To the Editor:
As a lifelong regional banker, it's nice to see an article about what we do and that, in times like this, the five "Cs" of credit can be applied to large public companies the same as to the small and middle market ("Shopping for Stocks? Think Like a Lender," Streetwise, March 13). This article touched on two: cash flow (capacity) and the balance sheet (capital). The other three are just as important. Collateral, although usually reserved for us bankers or bond investors, was noted in this week's magazine in several places (airlines, energy, cruise ships). Conditions: Well, we know how they are, but now more than ever requires an assessment of them and their impacts on various industries rather than just wholesale buying an index or the FAANGs or something.

Lastly, my favorite "C": character. Nothing pulls a company through a hard time like the character of a good CEO and management team, whether it's paying back the bank and bondholders or getting back to market cap growth. But most importantly, looking out for the employees, since when the tide turns in our favor again, the turnover (and costs) won't be the same as for those CEOs who ignored their people.
Thomas Fisher
On Barrons.com

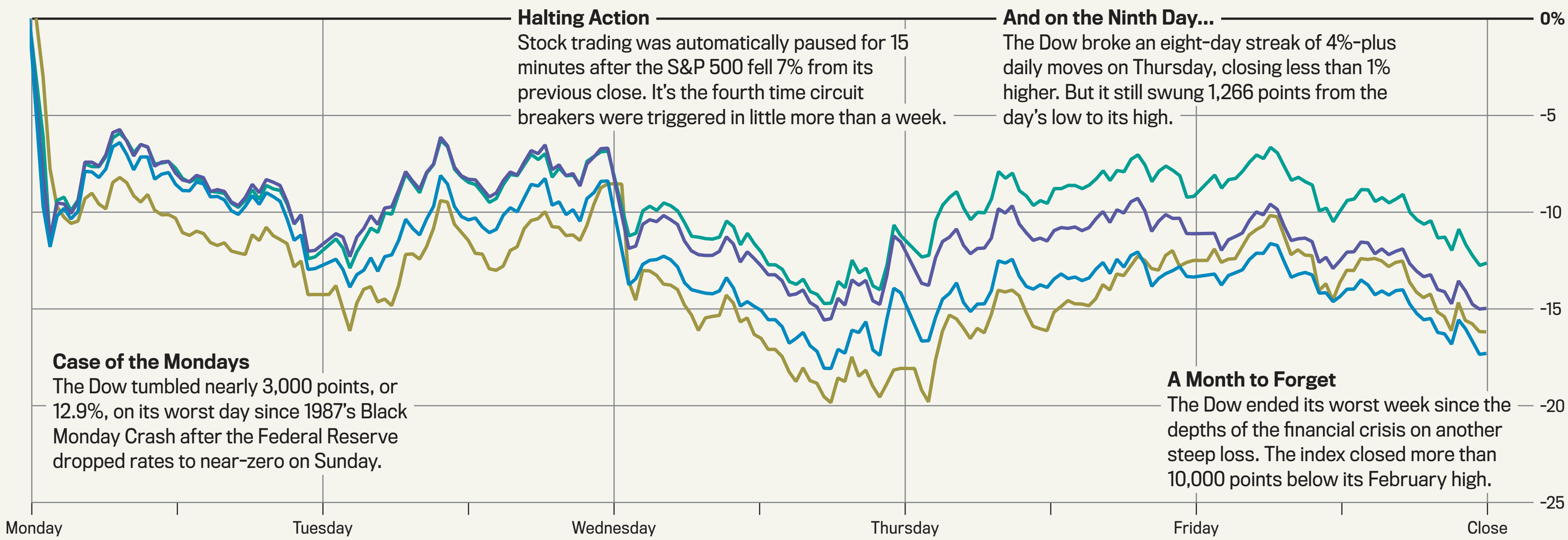
"Our ability to test for the virus is insufficient, compared with South Korea's highly efficient system."
Bill Gottdenker, Mountainside, N.J.

MARKET WEEK

March 16 through March 20, 2020

MARKET PERFORMANCE DASHBOARD

Dow Jones Industrials	S&P 500	Nasdaq Composite	Russell 2000
19,173.98	**2304.92**	**6879.52**	**1013.89**
52-wk: **-24.81%** YTD: **-32.81%** Wkly: **-17.30%**	52-wk: **-17.70%** YTD: **-28.66%** Wkly: **-14.98%**	52-wk: **-9.99%** YTD: **-23.33%** Wkly: **-12.64%**	52-wk: **-32.67%** YTD: **-39.23%** Wkly: **-16.22%**



Source: Barron's Statistics

THE TRADER

Stocks Revisit 2008 As Economy Looks Even Grimmer

By Nicholas Jasinski

Stores are closed, restaurants are empty, travel and events are canceled, manufacturing and production facilities are shut. Goldman Sachs is now forecasting that the novel coronavirus outbreak—and the unprecedented social-distancing efforts to combat it—will punch a record 24% hole in second-quarter U.S. gross domestic product.

The fact that a sharp downturn in the economy is already here is beyond doubt.

Markets have moved with lightning speed to price that in. The Dow Jones Industrial Average has tumbled more than 10,000 points, or 35%, over the past month, punctuated by a nearly 3,000-point, 12.9% plunge this past Monday—second only to 1987's Black Monday crash. The S&P 500 and Nasdaq Composite have followed a similarly steep path downward, while the more economically sensitive small-cap Russell 2000 has sold off even more.

This past week alone, the Dow plummeted 4,011.64 points, or 17.3%, to 19,173.98. The S&P 500 dropped 15%, to 2,304.92, and the Nasdaq Composite fell 12.6%, to 6,879.52. Each index had its worst week since the one ended on Oct. 10, 2008.

There are other parallels to that period during the global financial crisis besides their huge price swings. Beyond the dire forecasts investors are discounting in their models and decisions, there has been a dash for cash that's exacerbated daily moves and spared no asset from fevered selling.

"We're still really in the scrambling liquidity phase of this whole move," says Lee Ferridge, head of macro strategy for North America at State Street. "It's all about raising dollar liquidity: People are selling whatever assets they have indiscriminately because they have a short-term need for dollar cash for redemptions, margin calls, collateral requirements, or whatever else."

Several times in the past few weeks, the U.S. dollar has been virtually the only asset flashing green in a sea of red. Scott Clemons, Brown Brothers Harriman's chief investment strategist, calls these "no-safe-haven, risk-off-everything, money-under-the-mattress, buy-canned-goods types of days." The U.S. Dollar Index, which measures the price of the dollar against a basket of other currencies, is up 8% in two weeks—an immense move.

The Federal Reserve is pulling out all the stops to respond and smooth out stressed markets, essentially deploying its entire 2008 financial crisis playbook in the span of a little more than two weeks. It has unveiled lending facilities for primary dealers and money-market mutual funds, and boosted the size of its daily overnight repurchase operations. And the Fed has opened dollar-swap lines with more than a dozen central banks around the world to make it easier for them to access the world's reserve currency.

The impact of those efforts will take some time to play out. Once markets start trading like normal again, investors can turn their focus to what the way out of the current crisis will look like. Commentators have suggested an alphabet soup of potential recovery paths: a V-shaped quick rebound? More of a U-shape that requires a slow bottoming? Maybe a W emerges, with a double-dip recession caused by the return of the coronavirus next flu season? Or will it be an L leaning slightly to the left, in which it takes much longer to recover than it has to fall?

Much will depend on how effective social-distancing measures prove and when the legions of medical researchers working on an answer develop one—factors beyond the control of the Fed, Congress, or the White House. As for the economic impact, it is certain to outlast the virus.

"You can shut down restaurants with an order from a mayor or governor," Clemons says. "But when they flip that switch back on, the restaurants won't all reopen. That reboot, to me, takes quarters, if not years."

It is there that monetary and fiscal policy makers can make their presence felt, and the Fed is ahead of Congress on that front. Last Sunday, the central bank said it would buy hundreds of billions of dollars of bonds, while dropping its benchmark interest rate to near zero. "We knew coming in that the central banks didn't have a lot of ammunition to influence the real economy because rates were already so low," State Street's Ferridge says. "The Fed has done all it can right now...It really comes down to fiscal policy and what Congress can put together."

Legislators passed a coronavirus-relief bill on Wednesday, which expands paid sick leave and unemployment benefits for workers affected by the outbreak, while also providing funding for free coronavirus testing. Next up is a potential trillion-dollar fiscal-stimulus bill. Washington is considering direct cash payments to individuals, bailouts for hard-hit industries such as airlines, and low-cost loans to small businesses.

All this won't stop the economic data from getting a whole lot worse in the near term. This coming Thursday's initial jobless claims figures could jump by millions—from about 70,000 two weeks ago.

As for markets, they tend to move ahead of events. The turning point could be a decline in daily new cases in the U. S—which, following trends in China or South Korea, could be four to six weeks out. Or evidence that widespread testing is restoring some consumer confidence. But as the panic on Wall Street began well before the economic disruption was felt on Main Street, stocks should bottom before the economy does. It's just too early to say when that is.

The Case for Telecom

Americans are retreating to their homes en masse to work, entertain themselves, and communicate with one another during the novel coronavirus outbreak. That means a far greater reliance on their internet, TV, and phone connections—and potential gains for wireless carriers.

Analysts envision many customers upgrading to faster and more expensive connection speeds or buying larger data plans while stuck at home—or at least not going out to hunt for better deals from competing

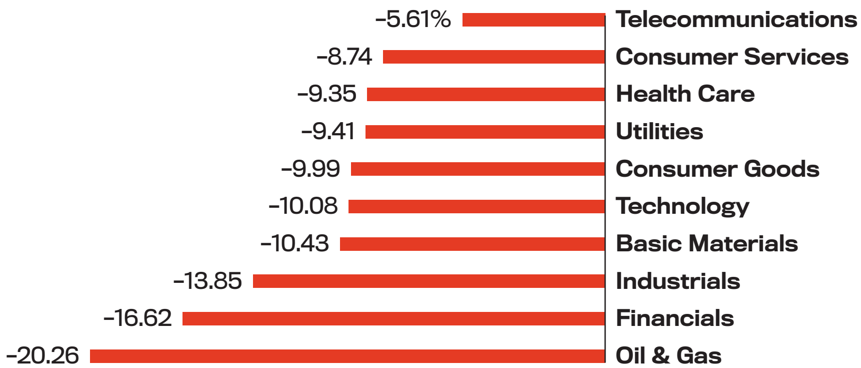
Vital Signs

	Friday's Close	Week's Change	Week's % Chg.
DJ Industrials	19173.98	-4011.64	-17.30
DJ Transportation	6837.72	-1101.68	-13.88
DJ Utilities	646.13	-116.47	-15.27
DJ 65 Stocks	6304.73	-1214.87	-16.16
DJ US Market	563.72	-101.96	-15.32
NYSE Comp.	9133.16	-1718.82	-15.84
NYSE Amer Comp.	1408.94	-193.31	-12.06
S&P 500	2304.92	-406.10	-14.98
S&P MidCap	1257.86	-289.12	-18.69
S&P SmallCap	604.74	-121.24	-16.70
Nasdaq	6879.52	-995.36	-12.64
Value Line (arith.)	3975.93	-763.07	-16.10
Russell 2000	1013.89	-196.25	-16.22
DJ US TSM Float	23105.30	-4183.03	-15.33

	Last Week	Week Earlier
NYSE Advances	184	85
Declines	2,892	2,995
Unchanged	8	5
New Highs	23	30
New Lows	2,714	2,535
Av Daily Vol (mil)	8,290.2	8,032.4
Dollar (Finex spot index)	101.95	98.75
T-Bond (CBT nearby futures)	175-310	176-210
Crude Oil (NYM light sweet crude)	22.43	31.73
Inflation KR-CRB (Futures Price Index)	123.88	140.84
Gold (CMX nearby futures)	1484.00	1515.70

Industry Action

Performance of the Dow Jones U.S. Industrials, ranked by weekly percent change.*



* For breakdown see page M32. Source: S&P Dow Jones Indices

carriers. Greater demand and lower churn could potentially benefit cable and wireless telecom businesses in the coming months.

That hasn't stopped telecom stocks from selling off over the past month's market crash. Still, most have outperformed the S&P 500's 29% tumble since its Feb. 19 high. **Verizon Communications** (ticker: VZ) is down less than 8%, **AT&T** (T) is off 19%, and **T-Mobile US** (TMUS) has lost 22%.

Verizon stock's relative leadership is deserved. The company's management has warned that the negative impact due to the virus' disruption to the economy could be material to its business. It remains well set up to weather a downturn from both an operations and balance-sheet perspective.

Data-obsessed Americans won't quickly ditch their talk, text, and data plans even in a recession, and Verizon's 120 million wireless subscribers will continue to provide it with roughly $65 billion a year in steady and dependable service revenue—about 85% of its business. The company's $20 billion or so in free cash flow is double its dividend commitment, which currently translates to a 4.8% yield. Net debt to Ebitda—or earnings before interest, taxes, depreciation, and amortization—is at a comfortable 2.3 times.

Wells Fargo telecom analyst Jennifer Fritzsche called Verizon her top pick for 2020 in a recent report, noting that its strategic focus on the U.S. wireless business is a key advantage in the current environment. While other large telecoms like AT&T or **Comcast** (CMCSA) have diversified into media and entertainment businesses, which could suffer in an economic downturn, Verizon has doubled down on its network and oriented the business toward 5G.

Rollout of those next-generation wireless networks may be delayed if supply-chain disruptions make it more difficult for companies to secure necessary infrastructure equipment, but they are still coming.

AT&T's WarnerMedia segment is vulnerable to a downturn if companies cut back on advertising spending. Plus, the cancellation of the 2020 National Collegiate Athletic Association's March Madness basketball tournament and the suspension of the National Basketball Association season could result in $250 million in lost ad revenues in the second quarter, estimates UBS' John Hodulik. On the other hand, the coming launch of the HBO Max streaming service in May could get a boost if people are still stuck at home looking for something to watch.

The core wireless business accounts for about 50% of AT&T's profits and could benefit from greater upgrades and lower churn, much as Verizon's does. AT&T's dividend is equally well covered—although with higher leverage—and the yield is an attractive 6.7%. That should compensate for some greater cyclicality than in Verizon's business. AT&T suspended its multibillion-dollar buyback program on Friday, sending shares lower.

For T-Mobile US, the coronavirus disruption comes at an awkward time. The company is at the cusp of closing its acquisition of **Sprint** (S), having defeated the biggest regulatory challenge to the deal last month. The company has led its competitors in subscriber growth in recent years, but growth industrywide could take a pause for several quarters.

T-Mobile had also planned to raise about $23 billion in debt around the closing of the Sprint deal. Despite tumbling interest rates, credit markets are effectively shut for now. And it is also about to change CEOs. Nonetheless, while the next few quarters should be messy for T-Mobile, the merged company's long-term path still looks bright.

For investors with an investment horizon longer than a couple of quarters and the stomach to withstand some near-term volatility, U.S. wireless stocks aren't a bad place to be. B

EUROPEAN TRADER

Banking Stocks Are Hit Hard in the Market Rout

By Pierre Briançon

Industries haven't all been equal in the month since the stock market rout began, and the European banking sector has been hit particularly hard. European stock markets are down by about 35% on average since Feb. 19. European bank shares have declined by about 45%.

Investors don't seem to distinguish between banks within the euro zone—the largest of which are supervised by the European Central Bank—and banks outside. Both France's **Société Générale** (ticker: GLE.France) and the United Kingdom's **Barclays** (BCS) are down by about 50%.

Markets have also equally treated the banks that were struggling before the coronavirus crisis and the ones whose business had picked up during the previous years of economic recovery. The shares of Germany's long-struggling banking behemoth **Deutsche Bank** (DB) have sunk by almost 50%, just like those of France's **BNP Paribas** (BNP.France).

The market pounding on the European sector came even as central banks, namely the Bank of England and the ECB, put special emphasis on helping the banking sector in their policy response to the crisis.

Special liquidity facilities at ultralow interest rates were announced. Regulators and supervisors cut some levels of capital requirements, or allowed banks to use capital buffers to live through the crisis. The idea was that it was important to allow banks to continue supporting the economy on the eve of an economic shock that may prove to be temporary but will certainly be volatile.

On the supply end of credit, banks were provided with cheap money to encourage them to keep lending. On the demand end—the borrowers, notably the thousands of small and medium companies that will be hardest hit—European governments multiplied state-sponsored schemes of credit guarantees designed to reassure banks that they would be paid back in full—no more new "bad loans" to saddle their portfolios with.

Investors remained indifferent. Banks are trading at the bottom of their valuations, measured by the ratio of their market capitalization to the value of their assets. Here, at least, the hierarchy of performances before the crisis has been roughly maintained. Deutsche Bank trades at about 17% of its book value, and SocGen trades at about 19%. At the top of the ranking are the euro zone's perceived strongest lenders, such as BNP Paribas and **Banco Santander** (SAN), trading at about a third of their book value.

Policy makers point out that today banks are not in the sorry state they were caught in at the onset of the financial crisis, after years of ultralight regulation. According to the ECB, the euro zone banking sector's common equity Tier 1 ratio is now above 14%. It stood at barely 8% in 2008.

The bad loans on their balance sheets have shrunk after a decisive push by supervisors. And their liquidity ratios have improved, as well. Finally, the euro zone has since created a so-called resolution regime, which allows for the orderly shutdown of a big bank in case of a major crisis, and doesn't force taxpayers to foot the bill.

The problem is now whether these more solid foundations can withstand the challenge of an economic tsunami. Banks are exposed to industries such as airlines, the hotel industry, and the oil sector.

In spite of the hundreds of billions pledged by governments in the form of credit guarantees for struggling companies, bad loans could still come back to haunt balance sheets. Meanwhile, ever-lower interest rates are putting pressure on profits. At some point, governments that are helping the banks to help the economy may have to focus on helping the banks themselves. B

EMERGING MARKETS

Slumping Brazilian Stocks Aren't a Bargain

By Craig Mellow

Which big emerging market has been walloped hardest by the coronavirus panic? You probably didn't answer Brazil. The **iShares MSCI Brazil** exchange-traded fund (ticker: EWZ) has lost more than half of its value this year, compared with a 30% drop in global emerging markets. The Brazilian real has crashed more than 20% against the dollar.

Latin America's dominant nation is far from the global Covid-19 hot spots, so far. It does export slumping commodities like oil and iron ore, but its $3 trillion-plus economy is mostly driven domestically. Still, bargain hunters had better pause for breath before pouncing on devalued Brazilian stocks.

One reason for the market's collapse this year is previous outperformance. The Brazil ETF doubled in 16 months after business-oriented President Jair Bolsonaro swept to power in late 2018, while global emerging markets declined. That run was buoyed by local retail investors trying their hand at stocks, as the central bank slashed interest rates on their traditional savings products.

The neophytes looked to juice performance with leveraged products and options, which are unwinding catastrophically after the external pandemic shock, says Jason Vieira, chief economist at Infinity Asset Management in São Paulo. "People got into very complex instruments, and most didn't hedge them," he says.

Brazil's economy was coming up short even before the virus hit. Looser credit, record-low inflation, and a long-awaited pension reform that Bolsonaro pushed through last year were supposed to lift 2019 gross domestic product growth to at least 2%. It came in at 1.1% instead, indicative of deeper systemic ills.

"The country has chronically low investment leading to chronically low productivity growth," says Aaron Hurd, senior currency portfolio manager at State Street Global Advisors. "We are not fans of the real, and haven't been for quite a while."

Brazilian politics are shifting toward the fractious and indecisive at just the wrong moment, too. Economy minister Paulo Guedes unfurled a $30 billion anticrisis package on March 16.

The situation requires at least twice that, says Monica de Bolle, who watches Brazil for the Peterson Institute of International Economics. "The fiscal package was very inadequate," she says. "The economy minister seems to be in denial."

Bolsonaro's fragile alliance with legislative leaders is also fraying. Congress overrode Bolsonaro's veto of a $4.2 billion supplemental spending bill on March 11. The president, who revels in the nickname Trump of the Tropics, responded with sharp-tongued tweets. "The political noise in Brazil, just as all this was brewing, is what's ultimately led to an exaggerated market reaction," says Verena Wachnitz, a portfolio manager for Latin American equities at T. Rowe Price.

Brazil does have resources to face the pandemic and position its markets for a rebound. The plunge in interest rates has slashed the government's interest expenditure to 4% from 14% of gross domestic product, says de Bolle, leaving room for an aggressive fiscal response.

Vieira hopes the politicians will find unity in calamity, moving on to the next reform challenge: overhauling Brazil's byzantine tax system. "Our president should shut up with his trash talk," he says. "But he has still brought us to the verge of important changes that are long-lasting."

Foreign investors are not betting on that kind of breakthrough in the midst of a worldwide tailspin, though. "We're trying to own the right companies, then eventually capture good performance," T. Rowe's Wachnitz says. Eventually. B

THE STRIKING PRICE

Using the Rule of 16 allows you to use annual data to calculate a stock's probable daily volatility–the key to success in options trading.

Making Sense of the Three Types of Volatility

By Steve Sosnick

Pretty much anyone can tell you that markets have been volatile. Far fewer can tell you how to evaluate that volatility.

It was obvious that investors were extremely fearful when the Cboe Volatility Index, or VIX, closed above 80 earlier this past week, but only those who truly understand volatility measurements can grasp the ramifications of that extraordinary value. In times like these, anyone who trades or invests with options should fully comprehend such measurements.

It's time for a quick refresher course. The most common volatility measures used in options pricing are rooted in the statistical concept of standard deviation. In a market context, this measures the dispersion of a security's returns around its average. Two stocks may have similar mean returns, but one may have larger up and down moves. That stock would have a higher standard deviation. This dispersion of returns, measured over time, is the basis of the concept of *historical* volatility.

The concept of *implied* volatility is perhaps the most important to options pricing. It is related to historical volatility and expressed in similar terms, but is actually an arithmetically derived number, rather than a real-world measurement. Options prices frequently move somewhat independently from those of their underlying stocks. So, traders realized that if we start with a given options price and separate all of the visible inputs, the remaining variable is the implied volatility of that option.

Options traders are speculating on a third concept, *realized* volatility—the level that a trader experiences during the holding period of an option. In effect, it is the historical volatility reading that will be in place when the option expires or is sold. Buyers are betting that the realized volatility on their options exceeds the implied volatility at the time of purchase; writers (sellers) are speculating on the opposite.

Confusingly, these measures are usually expressed in annual, not daily, terms. The Black-Scholes options-pricing model uses annualized volatility in its calculations. It is of little practical value, however, to think in terms of annual volatility when the vast majority of options expire in days, weeks, or months, not years. Knowing that a stock has a reasonable likelihood of a 40% move over the course of a year isn't valuable information to someone buying or writing an option that expires within three weeks.

Fortunately for options traders, it is quite easy to convert those annualized volatility measurements into daily values. To do so, divide the annualized number by the square root of the number of business days in a year. That results in a divisor very close to 16. This "Rule of 16" allows us to demystify volatility, letting professionals and individual investors alike better assess short-term trading strategies.

A stock with an annualized volatility reading of, say, 40 has a daily volatility of 2.5%. If I am considering writing a three-week call on that stock, I find it much easier to conceive of that stock's likelihood of price changes averaging 2.5% a day over the next three weeks than its prorated likelihood of a 40% move in that period.

We now have the tools to better evaluate this week's 80 VIX reading. The VIX is constructed to provide the market's expectation of 30-day volatility; thus 80, when divided by 16, implied that options on the S&P 500 index were expecting roughly 5% daily moves over the next 30 days.

In light of recent market movement, that historically high level doesn't appear all that unreasonable. This type of thinking is also helpful in advance of earnings and other events. The short-term option with a 40 volatility is anticipating a 2.5% average daily move. It is relatively easy to consider whether an earnings release is likely to boost or drive down a stock by that amount. B

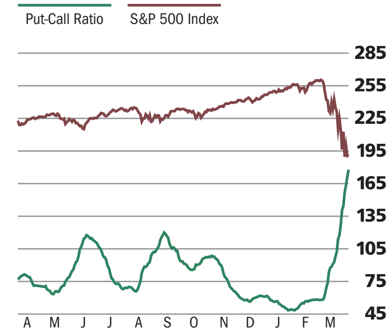
Steve Sosnick is chief strategist at Interactive Brokers and head trader of its Timber Hill subsidiary.

Equity Options

CBOE VOLATILITY INDEX

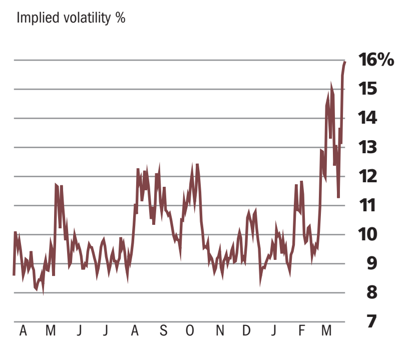
Source: CBOE

THE EQUITY-ONLY PUT-CALL RATIO



Source: McMillan Analysis Corp.

SPX SKEW



Source: Credit Suisse Equity Derivatives Strategy

NDX SKEW

Source: Credit Suisse Equity Derivatives Strategy

Skew indicates whether the options market expects a stock-market advance or decline. It measures the difference between the implied volatility of puts and calls that are 10% out of the money and expire in three months. Higher readings are bearish.

Week's Most Active

Company	Symbol	Tot Vol	Calls	Puts	Avg Tot Vol	IV %ile	Ratio
Waitr Holdings	WTRH	35580	32846	2734	160	100	222.4
ForeScout Technologies	FSCT	11022	185	10837	524	100	21.0
Blue Apron	APRN	123456	66705	56751	5936	100	20.8
US Dollar Bullish ETF	UUP	458975	443193	15782	22248	60	20.6
Tiffany & Company	TIF	72672	31813	40859	4204	11	17.3
3x Crude Oil ETF	OILU	342575	337613	4962	21632	96	15.8
US Foods	USFD	7916	5181	2735	972	100	8.1
New York Mortgage	NYMT	5342	4724	618	752	100	7.1
Japanese Yen ETF	FXY	87640	4097	83543	13836	99	6.3
AerCap Holdings	AER	32905	415	32490	5608	100	5.9
Brookfield Property Partners	BPY	9654	2683	6971	1732	99	5.6
Navistar	NAV	7116	2164	4952	1416	65	5.0
Cannae Holdings	CNNE	3392	3125	267	744	100	4.6
Credit Suisse	CS	41853	17180	24673	9044	99	4.6
Post Holdings	POST	4006	438	3568	940	99	4.3
Junior Gold Miners 3x Bull ETF	JNUG	144927	122300	22627	34740	100	4.2
The Stars Group	TSG	9115	744	8371	2152	99	4.2
United Natural Foods	UNFI	25763	17976	7787	6080	99	4.2
France Index Fund ETF	EWQ	10794	12	10782	2636	100	4.1
Dave & Buster's	PLAY	19007	3033	15974	4800	100	4

This table of the most active options this week, as compared to **average** weekly activity – not just raw volume. The idea is that the unusually heavy trading in these options might be a predictor of corporate activity – takeovers, earnings surprises, earnings pre-announcements, biotech FDA hearings or drug trial result announcements, and so forth. Dividend arbitrage has been eliminated. In short, this list attempts to identify where heavy speculation is taking place. These options are likely to be expensive in comparison to their usual pricing levels. Furthermore, many of these situations may be rumor-driven. Most rumors do not prove to be true, so one should be aware of these increased risks if trading in these names

Ratio is the Tot Vol divided by Avg Tot Vol. IV %ile is how expensive the options are on a scale from 0 to 100.

Source: McMillan Analysis

INSIDE SCOOP

Dow's CEO Bought the Slumping Chemical Stock

By ED LIN

Dow stock has been washed out this year, but insiders including CEO Jim Fitterling have bought nearly $2 million of the chemical giant's shares.

Dow (ticker: DOW) separated about a year ago from conglomerate DowDuPont as part of a planned breakup. In January, Dow reported that fourth-quarter earnings came out ahead, but nearly $3 billion in goodwill write-downs raised eyebrows.

Now, Credit Suisse analyst Christopher S. Parkinson notes that coronavirus fears are "destroying plastics/intermediates demand." Dow stock has lost half its value in 2020, but insiders see it as a buying opportunity.

Fitterling paid $492,000 on March 13 for 20,000 Dow shares, a per share average of $24.61. Jeff M. Fettig, nonexecutive chairman, paid $771,400 on Feb. 28 to March 12 for a total of 23,100 shares, an average of $33.39 per share. Dow director Wesley G. Bush, a retired CEO of Northrop Grumman, paid $503,300 on March 12 for 20,450 shares, an average price of $24.61.

Dow provided this statement to *Barron's*: "Recent purchases of Dow stock made by our CEO and members of our board underscore their belief in the steps we continue to take to ensure the financial and operating strength of our company, as well as their position that Dow's stock price is currently undervalued by the market."

Credit Suisse's Parkinson rates Dow stock Outperform but trimmed his price target to $39 from $51 this week. The new target still implies more than 40% upside. B

Dow stock has plunged in 2020, but insiders including CEO Jim Fitterling have bought nearly $2 million of the chemical giant's shares.

Increases in Holdings

Lindblad Expeditions Holdings (LIND)
ValueAct Capital lifted its holding in the cruise, travel, and ecotourism firm to 4,873,247 shares. The higher stake resulted from the purchase of 1,200,000 shares at prices ranging from $4.34 to $9.57 apiece from March 9 through March 16. Following the latest round of investments, ValueAct now holds 9.8% of Lindblad's outstanding stock.

Kala Pharmaceuticals (KALA)
RA Capital Management more than doubled its stake in the biopharmaceutical company with its recent block trade purchase on March 13. RA Capital was already Kala's largest shareholder and further raised its interest to 19.9%, or 10,874,613 shares, after it boughtt 6,337,135 shares at $7.89 each. No reason was cited for the added investment.

Avid Technology (AVID)
Impactive Capital reported on March 17 an increased stake in the maker of media software including Pro Tools. Impactive now owns 3,904,405 common shares, including 8,960 restricted shares tied to Impactive's co-founder Christian Asmar, who serves on Avid's board. Impactive's higher stake is the result of buying 166,586 additional shares from March 13 through March 17 at prices of $5.90 to $5.99 apiece. Following the latest purchases, Impactive holds 9% of the outstanding stock.

Xoma (XOMA)
BVF Partners disclosed an increased stake in the development-stage biopharmaceutical company. BVF bought 118,277 shares from March 13 through March 17 at per share prices ranging from $15.73 to $18.34. BVF was already Xoma's largest holder and, following the additions, owns 4,013,454 shares, or 36.4% of the outstanding stock; 1,252,772 of those shares underlie preferred convertible securities.

These disclosures are from 13Ds filed with the Securities and Exchange Commission. 13Ds are filed within 10 days of an entity's attaining more than 5% in any class of a company's securities. Subsequent changes in holdings or intentions must be reported in amended filings. This material is from March 12 through March 18, 2020. Source: **Insider-Score.com**

Decreases in Holdings

CymaBay Therapeutics (CBAY)
Engine Capital reduced its interest in the clinical-stage biopharmaceutical company to 6,443,977 shares. On March 6 and March 9, Engine Capital sold 568,276 shares at prices ranging from $1.65 to $1.71 each, and bought 325,000 shares at $1.41 apiece on March 12. The net result was the reduction in Engine Capital's interest in CymaBay to 9.4%. Engine also revealed that it has nominated three representatives for election to CymaBay's board of directors at the upcoming 2020 annual shareholder meeting.

National Fuel Gas (NFG)
Gamco Investors (GBL) revealed a lower, 6.1% stake in the natural-gas firm, equal to 5,287,856 common shares. That figure accounts for the sale of 56,795 shares at prices ranging from $35.25 to $44.25 apiece and the purchase of 33,938 shares at per share prices that ranged from $35.02 to $44.94, all during the period of Jan. 21 through March 16.

POWER PLAY

Activist Funds Are Persistent

By CARLETON ENGLISH

Global financial markets are in turmoil, but activist investors are still pushing for change—albeit at a slightly slower clip.

Activist hedge fund Starboard Value, led by Jeff Smith, nominated four members to **eBay**'s (ticker: EBAY) board on Thursday in an effort to accelerate a search for a new chief executive. A year ago, Starboard and fellow activist fund Elliott Management began agitating for change at eBay.

Elsewhere, Bow Street last week called for the ousting of **Mack-Cali Realty's** (CLI) CEO and nominated four directors to its board. And following the exit of **Harley-Davidson's** (HOG) CEO last month, Impala Asset Management is trying to replace two members of the motorcycle maker's board, following years of declining sales.

To be sure, activity is down roughly 13% from this time last year, according to data from Activist Insight, but some activists may find that the recent tumult makes it easier to make their case to shareholders, according to investors and advisors *Barron's* spoke with. Just look at billionaire investor Carl Icahn, who ratcheted up the pressure on longtime target Occidental Petroleum as oil prices fell.

But if all activists have to offer is recommendations for more stock buybacks, their demands will probably fall on deaf ears.

Expect them to keep pushing for the kind of change that could get them back in the green. "Investors have not gone to sleep or self-exiled from the market," says Bruce Goldfarb, chief executive of proxy solicitation firm Okapi Partners.

Nor should they. B

COMMODITIES

Gas Prices Could Slide Below $2 a Gallon

By Myra P. Saefong

Retail gasoline prices have hit their lowest level in more than three years, though U.S. drivers might not be fully able to enjoy it with many states on lockdown due to the coronavirus.

Oil refiners, meanwhile, are set to take a hit, as demand destruction for fuel in the age of Covid-19 has yet to reach a peak.

The average price for a gallon of regular gasoline already saw a "significant" decline of nearly 27 cents a gallon in the first 20 days of March, according to Jeanette Casselano, spokesperson at motoring and leisure travel group AAA, which shows the price on March 20 at $2.174 a gallon. That's the lowest price for the fuel since December 2016, according to AAA.

Crude-oil prices account for nearly 60% of the retail gasoline price, and U.S. benchmark crude futures settled at $20.37 a barrel on March 18, the lowest since February 2002.

Futures prices for reformulated gasoline also dropped to 60.54 cents a gallon on March 19, the lowest settlement since the contract began trading in October 2005.

If futures and spot markets remain at current levels, retail gas prices would potentially catch up in three weeks, says Tom Kloza, global head of energy analysis at IHS Markit's Oil Price Information Service, adding that gasoline prices are "almost certainly headed below $2 a gallon, and we will probably see some sub-$1 a gallon prices in the next 30 days."

Casselano says retail gasoline prices may fall to about $2 by the end of the month if "crude continues to sell for cheap." As more people work from home and practice social distancing, "it's likely that we will see a deduction in U.S. gasoline demand and an increase in supply," she says.

Bjørnar Tonhaugen, head of oil markets at Rystad Energy, warns that "the potential loss of demand in March-April may dwarf anything the world has ever seen"—a possible global oil demand decline of more than 10 million barrels a day from precoronavirus levels.

And that could come just as "OPEC+ producers open the floodgates of new supply to the market," he says. The Organization of the Petroleum Exporting Countries and its allies, or OPEC+, failed to reach an agreement earlier this month on further production cuts, and the current pact on output curbs expires at the end of March.

The demand loss is bad news for refiners. "Some refiners will opt to cut [crude oil] runs across an entire system, but others may temporarily shut down underperforming properties," says Kloza, warning that "demand destruction is in the scope, but not in the rearview mirror."

Aside from airlines, "I can't think of a sector that has been harmed more than the U.S. refining sector," Kloza says.

For now, the winners are "gasoline retailers who are enjoying unprecedented margins and reasonable sales," but gas prices will drift lower, and "many retailers will see fuel volumes decline by 30% or more," Kloza says.

Some cities, such as New York and San Francisco, require that much of the population stay at home and avoid travel.

There is a checklist in place for how to address the current situation, since the industry has faced this type of scenario before from supply, or demand, disruption events such as hurricanes, says Jeff Lenard, spokesperson for the National Association of Convenience Stores, which represents convenience and fuel retailers.

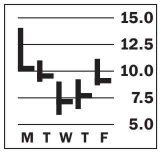
"What is different here is that it is across the entire country, which makes it most similar to the days after Sept. 11, 2001," and it's also global, "so it is difficult to cite precedent, especially as the situation continues to evolve," he says. B

Charting the Market

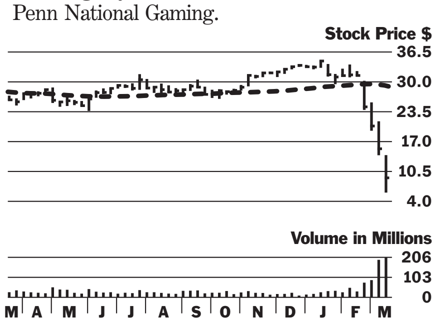
A graphic look at selected stock activity for the week ended on March 20, 2020 ■ Edited by Bill Alpert

MGM RESORTS INTERNATIONAL

MGM (NYSE) • 9.11 • -6.33

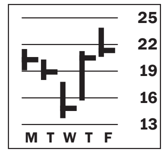


► After Senate Republicans floated a stimulus package Thursday, some investors bet on the casino firm and peers, including Wynn Resorts and Penn National Gaming.

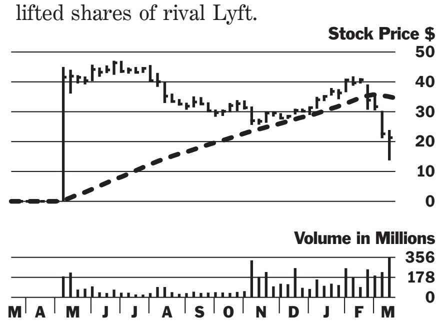


UBER TECHNOLOGIES

UBER (NYSE) • 21.33 • -1.27

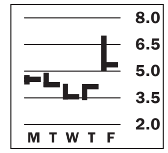


► The ride-hailing service's chief executive said his company has the resources to weather the coronavirus downturn, in a call that also lifted shares of rival Lyft.

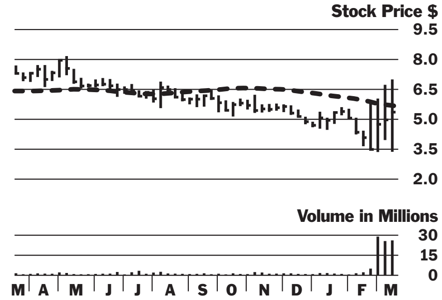


GENMARK DIAGNOSTICS

GNMK (NASD) • 5.36 • 0.39

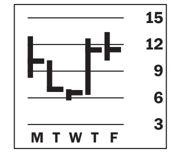


► An emergency authorization by the U.S. Food and Drug Administration let the company ship its new test for the coronavirus that causes the Covid-19 illness.

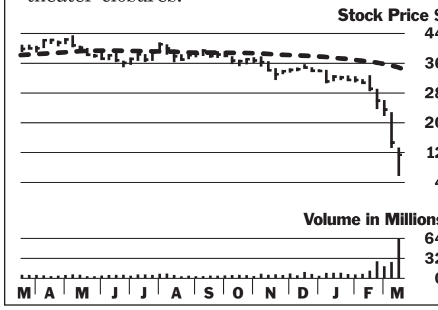


CINEMARK HOLDINGS

CNK (NYSE) • 11.42 • -3.28

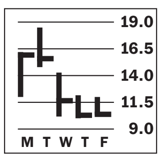


► Investors nourished hope that the movie theater operator and its industry will get a federal bailout, after the virus pandemic forced theater closures.

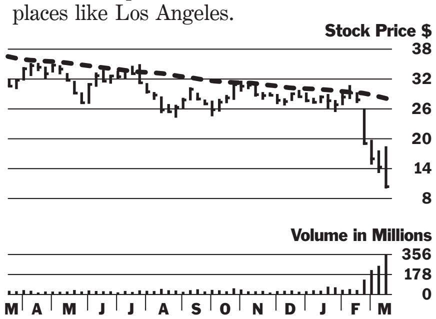


AMERICAN AIRLINES GROUP

AAL (NASD) • 10.38 • -3.93

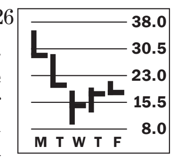


► Early in the week, airlines announced the suspension of many now-empty flights. American said that demand had dried up for travel to places like Los Angeles.

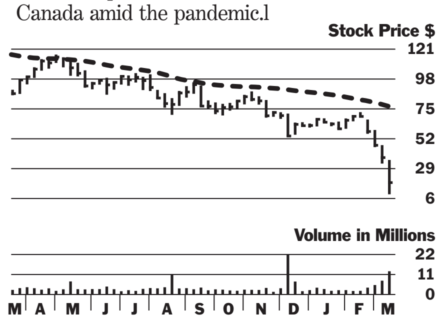


CHILDREN'S PLACE

PLCE (NASD) • 18.25 • -19.26

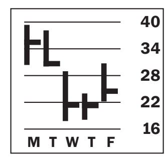


► Already battling competition from e-commerce, the chain of children's clothing stores yanked guidance and closed shops in the U.S. and Canada amid the pandemic.l

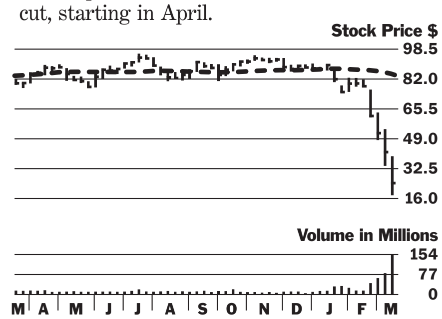


UNITED AIRLINES HOLDINGS

UAL (NASD) • 24.50 • -17.14

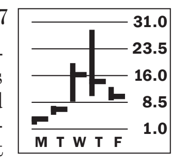


► At week's end, some traders made wagers on the bailout requested by the airlines and suppliers like Boeing. United plans a 60% schedule cut, starting in April.

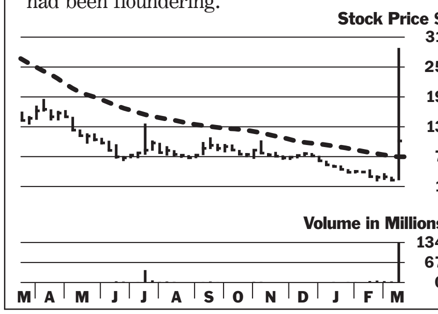


BLUE APRON HOLDINGS

APRN (NYSE) • 10.15 • 7.87

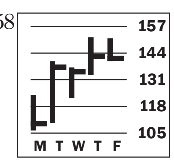


► The supplier of home-cooking ingredients said that it's staffing up to meet demand as cities and states ask residents to stay in. Previously, it had been floundering.

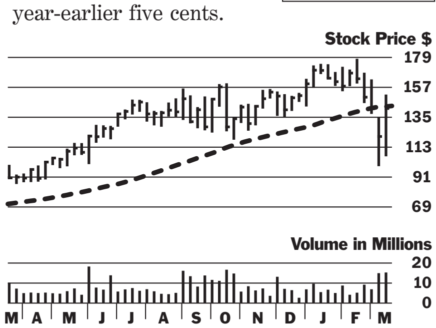


COUPA SOFTWARE

COUP (NASD) • 141.42 • 20.58

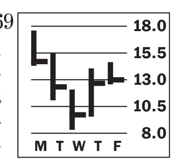


► Although the company's losses widened in its January quarter, a 50% jump in revenue lifted cash flow to 21 cents a share, from the year-earlier five cents.

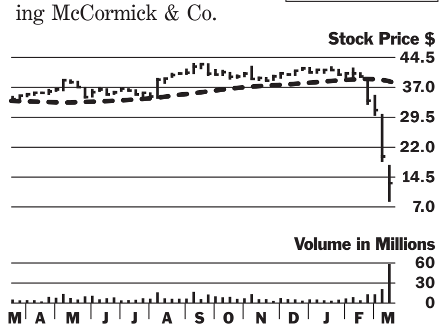


US FOODS HOLDING

USFD (NYSE) • 12.99 • -6.69

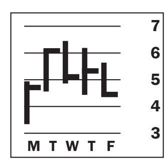


► Wall Street suggested selling the stocks of businesses tied to the restaurant trade—such as this food-service firm and others, including McCormick & Co.

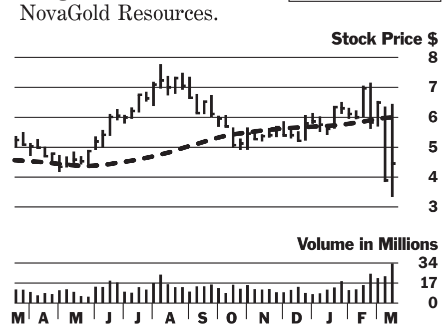


ALAMOS GOLD

AGI (NYSE) • 4.45 • 0.56

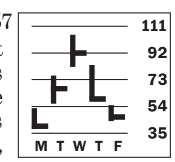


► The search for a haven brought volatility to the price of gold and to the shares of the gold miner, along with such rivals as NovaGold Resources.

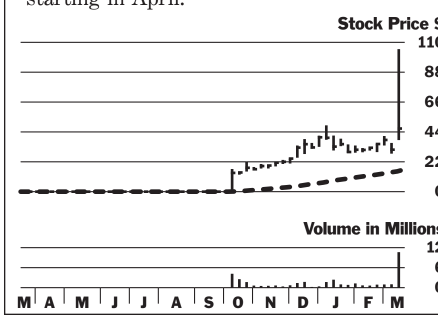


BIONTECH

BNTX (NASD) • 46.50 • 15.57



► Pfizer made a plan to test the German biotech firm's coronavirus vaccine outside of China. BioNTech plans its own test within China, starting in April.



The charts record the net change in share price, the high, low and closing trades, and share volume for companies with noteworthy stock activity last week. In addition, the graphs depict last week's daily price activity in detail. The dotted line on some graphs denotes the stock's 200-day moving average; lack of a moving average means the shares have traded for less than that time period.

Winners and Losers

NYSE BIGGEST % MOVERS

Winners

Name (Sym)	Volume	Close	Change	%Chg.
BlueApron(APRN)	132340	10.15	+7.87	+345.2
UnitedNatFoods(UNFI)	25450	11.22	+5.50	+96.2
RiteAid(RAD)	50378	17.63	+5.93	+50.7
DelekUS(DK)	30407	15.08	+4.77	+46.3
Owens&Minor(OMI)	15024	5.91	+1.55	+35.6
ChinaGreenAg(CGA)	311	2.79	+0.64	+29.8
LionsGate A(LGF.A)	11926	6.87	+1.54	+28.9
Citizens(CIA)	928	5.69	+1.25	+28.2

Losers

Name (Sym)	Volume	Close	Change	%Chg.
NewHome(NWHM)	1175	1.05	–1.98	–65.3
LadderCapital(LADR)	24055	4.51	–6.93	–60.6
Everi(EVRI)	30754	2.92	–4.48	–60.5
Viad(VVI)	2904	11.90	–17.90	–60.1
FlyLeasing(FLY)	2464	4.10	–6.10	–59.8
PlayAGS(AGS)	7280	1.63	–2.40	–59.6
DineBrands(DIN)	7966	17.41	–25.27	–59.2
OutfrontMedia(OUT)	21550	7.99	–11.39	–58.8

NYSE AMERICAN BIGGEST % MOVERS

Winners

Name (Sym)	Volume	Close	Change	%Chg.
MAG Silver(MAG)	7999	7.82	+2.85	+57.3
SilverCrestMetals(SILV)	20942	5.18	+0.89	+20.7
SilvercorpMetals(SVM)	16263	2.43	+0.40	+19.7
Cel-Sci(CVM)	4604	11.95	+1.93	+19.3
Daxor(DXR)	402	13.63	+2.03	+17.5
NovaGoldRscs(NG)	29722	6.74	+0.87	+14.8
MetallaRoyalty(MTA)	1199	3.91	+0.40	+11.4
NatlHealthcare(NHC)	705	69.92	+6.50	+10.2

Losers

Name (Sym)	Volume	Close	Change	%Chg.
MicronSolutions(MICR)	163	1.24	–1.53	–55.2
AeroCentury(ACY)	71	1.40	–1.43	–50.5
IMPAC Mortgage(IMH)	207	2.41	–2.45	–50.4
IndonesiaEnergy(INDO)	72	1.55	–1.18	–43.2
Ashford(AINC)	68	6.00	–4.45	–42.6
Flanigans(BDL)	53	8.90	–6.40	–41.8
CentrusEnergy(LEU)	301	4.25	–2.25	–34.6
MastechDigital(MHH)	167	9.59	–4.85	–33.6

NASDAQ BIGGEST % MOVERS

Winners

Name (Sym)	Volume	Close	Change	%Chg.
WAVE LifeSci(WVE)	4882	11.88	+4.03	+51.3
BioNTech(BNTX)	10658	46.50	+15.57	+50.3
KaleidoBiosci(KLDO)	820	5.86	+1.92	+48.7
ArcutisBiotherap(ARQT)	1864	33.32	+10.66	+47.0
Precigen(PGEN)	10196	2.95	+0.94	+46.8
SpartanNash(SPTN)	4369	15.03	+4.60	+44.1
Synchronoss(SNCR)	2716	4.05	+1.11	+37.8
NatlSecurity(NSEC)	39	14.90	+3.89	+35.3

Losers

Name (Sym)	Volume	Close	Change	%Chg.
GulfportEnergy(GPOR)	53567	0.71	–2.03	–74.2
ChefsWarehouse(CHEF)	15816	5.54	–11.94	–68.3
RuthsHospitality(RUTH)	11289	4.11	–8.32	–66.9
GreenPlainsPtrs(GPP)	863	3.81	–5.80	–60.4
Sabre(SABR)	45656	3.31	–5.02	–60.3
GIIIApparel(GIII)	15427	6.06	–9.12	–60.1
Franchise(FRG)	766	6.47	–9.54	–59.6
BJsRestaurants(BJRI)	9127	8.20	–12.09	–59.6

NYSE MOST ACTIVE

Volume Percentage Leaders

Name (Sym)	Volume	%Chg.	Close	Change
PivotalInvII(PIC)	3746	1252.5	9.75	–0.10
CollierCreek(CCH)	4642	893.0	10.15	–0.13
ChurchillCapIIA(CCX)	5111	843.9	9.67	–0.28
PBF Logistics(PBFX)	5126	811.4	5.07	–2.99
HollyEnergy(HEP)	18601	669.5	13.42	+1.08
US Foods(USFD)	58829	618.2	12.99	–6.69
LadderCapital(LADR)	24055	574.7	4.51	–6.93
JamesHardie(JHX)	665	474.9	10.33	–4.55
NorwegCruise(NCLH)	129396	456.0	8.72	–2.38
Everi(EVRI)	30754	449.2	2.92	–4.48
PerformanceFood(PFGC)	28504	439.0	15.95	–9.68
MegalithFinAcqn(MFAC)	1967	437.8	10.10	–0.12
Sysco(SYY)	79276	432.0	35.33	–11.74
Welbilt(WBT)	34617	426.7	4.41	–2.41
RMGAcqn(RMG)	2208	424.0	9.62	–0.23
BrightHorizons(BFAM)	8652	420.9	83.96	–40.88
Boeing(BA)	224492	417.7	95.01	–75.19
Cinemark(CNK)	63113	417.1	11.42	–3.28
Guess(GES)	28830	416.8	7.04	–2.47
PlanetFitness(PLNT)	34420	415.6	33.93	–20.05

By Share Volume

Name (Sym)	Volume	Close	Change	%Chg.
BankofAmerica(BAC)	663035	19.67	–4.49	–18.6
ChesapeakeEner(CHK)	635272	0.19	–0.11	–36.7
GeneralElec(GE)	599579	6.52	–1.33	–16.9
FordMotor(F)	595112	4.33	–1.30	–23.1
AT&T(T)	371150	28.45	–6.02	–17.5
Uber(UBER)	354551	21.33	–1.27	–5.6
EnergyTransfer(ET)	337599	5.25	–1.48	–22.0
Carnival(CCL)	294593	12.00	–5.58	–31.7
WellsFargo(WFC)	294323	26.50	–4.39	–14.2
ExxonMobil(XOM)	266966	32.74	–5.38	–14.1
NIO(NIO)	256192	2.40	–0.71	–22.8
Pfizer(PFE)	247731	29.01	–3.70	–11.3
SouthwesternEner(SWN)	240748	2.08	+0.31	+17.5
ItauUnibanco(ITUB)	234901	4.38	–1.11	–20.2
DeltaAir(DAL)	232230	21.35	–17.01	–44.3
Snap(SNAP)	231574	10.09	–1.26	–11.1
PetroleoBrasil(PBR)	230411	4.85	–1.73	–26.3
Boeing(BA)	224492	95.01	–75.19	–44.2
Citigroup(C)	216377	38.06	–12.98	–25.4
Ambev(ABEV)	215944	2.40	–0.24	–9.1

By Dollar Volume

Name (Sym)	$ Volume	Close	Change	%Chg.
Boeing(BA)	24177769	95.01	–75.19	–44.2
Alibaba(BABA)	19801050	181.30	–12.70	–6.5
Visa(V)	16181995	146.83	–29.00	–16.5
JPMorganChase(JPM)	15444046	83.50	–20.41	–19.6
Disney(DIS)	15375626	85.98	–16.54	–16.1
BankofAmerica(BAC)	13651308	19.67	–4.49	–18.6
BerkHathwy B(BRK.B)	12948423	170.06	–26.34	–13.4
Mastercard(MA)	12748148	211.42	–58.59	–21.7
J&J(JNJ)	11931105	119.89	–14.40	–10.7
AT&T(T)	11547272	28.45	–6.02	–17.5
UnitedHealth(UNH)	11213783	206.59	–65.45	–24.1
HomeDepot(HD)	11044600	152.15	–53.52	–26.0
Walmart(WMT)	10990887	113.97	–0.13	–0.1
Procter&Gamble(PG)	10777360	102.43	–11.64	–10.2
Verizon(VZ)	9924839	51.80	–2.37	–4.4
ExxonMobil(XOM)	9172916	32.74	–5.38	–14.1
McDonalds(MCD)	8755221	148.49	–28.64	–16.2
Citigroup(C)	8360878	38.06	–12.98	–25.4
Salesforce.com(CRM)	8217783	139.35	–8.43	–5.7
WellsFargo(WFC)	8109443	26.50	–4.39	–14.2

NYSE AMERICAN MOST ACTIVE

Volume Percentage Leaders

Name (Sym)	Volume	%Chg.	Close	Change
CheniereEnerPtrs(CQP)	8112	404.8	22.11	–5.18
ImperialOil(IMO)	10996	395.2	9.00	–3.90
BiomX(PHGE)	307	383.0	6.70	–2.47
Daxor(DXR)	402	380.0	13.63	+2.03
EquinoxGold(EQX)	9873	244.5	6.15	+0.40
NatlHealthcare(NHC)	705	188.6	69.92	+6.50
ParkNational(PRK)	556	157.3	81.60	–4.32
ConTomka(CTO)	320	151.7	38.42	–11.72
TompkinsFin(TMP)	519	143.6	66.79	–1.45
Chase(CCF)	223	137.7	70.00	–4.35
NovaGoldRscs(NG)	29722	131.0	6.74	+0.87
DeltaApparel(DLA)	211	98.4	8.97	–3.42
BarHarborBkshs(BHB)	275	91.5	15.98	–1.40
CheniereEnergy(LNG)	24739	90.0	35.04	–0.36
AdamsRes(AE)	80	84.2	17.24	–5.76
VirnetX(VHC)	3986	82.5	5.23	–0.81
StdDiversified(SDI)	101	70.8	7.60	–1.52
IssuerDirect(ISDR)	77	64.2	9.24	+0.14
CaledoniaMining(CMCL)	198	63.7	6.67	–1.93
AcmeUnited(ACU)	68	54.2	19.96	–1.70

By Share Volume

Name (Sym)	Volume	Close	Change	%Chg.
iBio(IBIO)	107628	1.31	–0.29	–18.1
NovaBayPharm(NBY)	74050	0.84	+0.50	+146.3
B2Gold(BTG)	66722	2.71	–0.04	–1.5
NorthernOil&Gas(NOG)	39462	0.74	–0.21	–22.2
NewGold(NGD)	38084	0.50	+0.04	+8.3
DocumentSecSys(DSS)	31642	0.20	+0.02	+11.3
AIM Immuno(AIM)	30891	2.19	–0.66	–23.2
NovaGoldRscs(NG)	29722	6.74	+0.87	+14.8
GranTierraEner(GTE)	27817	0.18	–0.07	–26.6
CheniereEnergy(LNG)	24739	35.04	–0.36	–1.0
SilverCrestMetals(SILV)	20942	5.18	+0.89	+20.7
AmerGold&Silver(USAS)	20856	1.58	+0.21	+15.3
AlexcoRes(AXU)	20697	1.47	+0.55	+59.6
AlphaProTech(APT)	19483	10.67	–1.84	–14.7
SilvercorpMetals(SVM)	16263	2.43	+0.40	+19.7
ZomedicaPharm(ZOM)	15083	0.15	–0.01	–3.9
NorthernDynasty(NAK)	14863	0.36	–0.07	–17.0
GoldStandrdVntr(GSV)	13317	0.27	–0.12	–30.8
GreatPanther(GPL)	13237	0.25	–0.04	–12.3
HoustonAmEner(HUSA)	12888	0.10	–0.01	–9.2

By Dollar Volume

Name (Sym)	$ Volume	Close	Change	%Chg.
CheniereEnergy(LNG)	817647	35.04	–0.36	–1.0
AlphaProTech(APT)	241600	10.67	–1.84	–14.7
NovaGoldRscs(NG)	220741	6.74	+0.87	+14.8
B2Gold(BTG)	197977	2.71	–0.04	–1.5
CheniereEnerPtrs(CQP)	187858	22.11	–5.18	–19.0
iBio(IBIO)	154973	1.31	–0.29	–18.1
SilverCrestMetals(SILV)	102878	5.18	+0.89	+20.7
ImperialOil(IMO)	101401	9.00	–3.90	–30.2
NovaBayPharm(NBY)	75395	0.84	+0.50	+146.3
AIM Immuno(AIM)	70719	2.19	–0.66	–23.2
EquinoxGold(EQX)	59310	6.15	+0.40	+7.0
MAG Silver(MAG)	56021	7.82	+2.85	+57.3
Cel-Sci(CVM)	50529	11.95	+1.93	+19.3
ParkNational(PRK)	48184	81.60	–4.32	–5.0
NatlHealthcare(NHC)	45934	69.92	+6.50	+10.2
SilvercorpMetals(SVM)	42561	2.43	+0.40	+19.7
TompkinsFin(TMP)	37573	66.79	–1.45	–2.1
AmerGold&Silver(USAS)	31092	1.58	+0.21	+15.3
NanoViricides(NNVC)	30294	6.23	–0.63	–9.2
GoldResource(GORO)	29946	2.36	–0.24	–9.2

NASDAQ MOST ACTIVE

Volume Percentage Leaders

Name (Sym)	Volume	%Chg.	Close	Change
ChefsWarehouse(CHEF)	15816	1040.8	5.54	–11.94
BioNTech(BNTX)	10658	840.1	46.50	+15.57
CrossFirstBkshs(CFB)	6552	709.6	9.22	+2.22
GoldenEnt(GDEN)	3378	603.4	3.78	–5.08
PennNational(PENN)	102520	580.1	7.89	–7.58
SelectBancorp(SLCT)	1060	573.4	7.29	–1.52
Dave&Buster's(PLAY)	32642	564.8	7.76	–5.51
RedRockResorts(RRR)	23884	559.4	7.05	–1.75
BusFirstBcshs(BFST)	614	547.1	9.96	–5.04
RuthsHospitality(RUTH)	11289	514.0	4.11	–8.32
AmerFirstMultifam(ATAX)	4322	511.8	4.75	–1.73
Marriott(MAR)	82827	508.6	74.58	–21.03
BankofCommerce(BOCH)	1110	443.6	6.32	–2.58
UnitedAirlines(UAL)	153531	434.0	24.50	–17.14
GIIIApparel(GIII)	15427	423.6	6.06	–9.12
Bank7(BSVN)	305	400.8	7.00	–1.97
Caesarstone(CSTE)	2899	392.7	8.90	+0.23
HallmarkFin(HALL)	1646	388.5	3.87	–1.62
AvisBudget(CAR)	41430	386.8	10.98	–7.03
Franchise(FRG)	766	381.2	6.47	–9.54

By Share Volume

Name (Sym)	Volume	Close	Change	%Chg.
AdvMicroDevices(AMD)	479202	39.61	–4.29	–9.8
Microsoft(MSFT)	419340	137.35	–21.48	–13.5
Apple(AAPL)	404118	229.24	–48.73	–17.5
AmerAirlines(AAL)	355147	10.38	–3.93	–27.5
Waitr(WTRH)	313154	1.22	+0.91	+287.3
Intel(INTC)	251954	45.83	–8.60	–15.8
CiscoSystems(CSCO)	249444	35.60	–2.04	–5.4
SiriusXM(SIRI)	249197	4.44	–1.46	–24.7
Comcast A(CMCSA)	205927	33.37	–5.96	–15.2
CaesarsEnt(CZR)	200355	5.45	–3.04	–35.8
Facebook(FB)	181797	149.73	–20.55	–12.1
MicronTech(MU)	176657	36.11	–6.88	–16.0
GileadSciences(GILD)	171289	73.26	+2.51	+3.5
Moderna(MRNA)	166271	28.20	+6.90	+32.4
UnitedAirlines(UAL)	153531	24.50	–17.14	–41.2
NobleEnergy(NBL)	139991	4.03	–3.16	–43.9
OPKO Health(OPK)	135488	1.40	–0.50	–26.3
Starbucks(SBUX)	130255	58.03	–11.89	–17.0
Zynga(ZNGA)	127900	5.94	–0.61	–9.3
Tesla(TSLA)	125868	427.53	–119.09	–21.8

By Dollar Volume

Name (Sym)	$ Volume	Close	Change	%Chg.
Apple(AAPL)	99161767	229.24	–48.73	–17.5
Amazon.com(AMZN)	89696441	1846.09	+61.09	+3.4
Microsoft(MSFT)	59724059	137.35	–21.48	–13.5
Tesla(TSLA)	53288322	427.53	–119.09	–21.8
Facebook(FB)	27429433	149.73	–20.55	–12.1
Alphabet A(GOOGL)	23414212	1068.21	–146.06	–12.0
Alphabet C(GOOG)	21323231	1072.32	–147.41	–12.1
NVIDIA(NVDA)	20731670	205.75	–35.09	–14.6
AdvMicroDevices(AMD)	19408999	39.61	–4.29	–9.8
Netflix(NFLX)	17617523	332.83	–3.47	–1.0
GileadSciences(GILD)	12990028	73.26	+2.51	+3.5
Intel(INTC)	12002410	45.83	–8.60	–15.8
Adobe(ADBE)	10098778	295.34	–40.16	–12.0
ZoomVideo(ZM)	9387704	130.55	+23.08	+21.5
Costco(COST)	9308546	290.42	–11.85	–3.9
CiscoSystems(CSCO)	9036404	35.60	–2.04	–5.4
Starbucks(SBUX)	7545361	58.03	–11.89	–17.0
Broadcom(AVGO)	7427530	192.22	–42.00	–17.9
Comcast A(CMCSA)	7338457	33.37	–5.96	–15.2
PepsiCo(PEP)	7321287	103.93	–23.52	–18.5

Includes Common shares only. All figures reflect activity for the most-recent five-day trading week. Share volume figures are expressed in thousands. Volume percentage leaders exclude stocks with average daily volume of fewer than 5,000 shares or priced under $5. Average volume is based on 65 trading days. Volume figures do not reflect extended trading hours. a-Stock has not been in existence or not been traded for 65 consecutive sessions. S-Stock split or stock dividend amounting to 10% or more. X-Ex-dividend

Research Reports

How Analysts Size Up Companies

These reports, excerpted and edited by Barron's, were issued recently by investment and research firms. The reports are a sampling of analysts' thinking; they should not be considered the views or recommendations of Barron's. Some of the reports' issuers have provided, or hope to provide, investment-banking or other services to the companies being analyzed.

Cal-Maine Foods • CALM-Nasdaq

Overweight (Volatile) • *Price $37.39 on March 17*
by Stephens

We are upgrading Cal-Maine to Overweight from equal weight and raising our price target to $47 from $45. Cal-Maine [the largest producer and distributor of eggs in the U.S.] is a best operator in an industry essential to the food chain. It operates with minimal debt and has weathered numerous economic cycles, utilizing challenging times as an opportunity to further consolidate its industry.

Cal-Maine is very well positioned in the current environment. Its price-to-book [valuation is] about a half-turn below its 10-year average and just 0.2 times above the low seen in the last recession. Estimates are likely bottoming, as significant pessimism is being modeled in due to a prolonged oversupply [of eggs], and the operating environment is in the early stages of improvement on the back of moderating supply growth and a pickup in retail demand, as consumers shift toward food-at-home consumption.

Baxter International • BAX-NYSE

Outperform • *Price $80.51 on March 18*
by Raymond James

Baxter [a supplier of medical products and services] is taking appropriate steps to address customer needs as the Covid-19 pandemic expands. Baxter is seeing demand for IV solutions, antibiotics, and [other items], while its renal-care business remains stable. Manufacturing operations are running at planned levels, while supply-chain [problem] mitigation efforts are in place. The balance sheet is strong, as cash levels have been bolstered. Price target: $90.

H&R Block • HRB-NYSE

Neutral • *Price $17.37 on March 18*
by BTIG

H&R Block this morning disclosed that it was withdrawing the fiscal-2020 financial guidance it had provided on March 5, after U.S. Treasury Secretary [Steven] Mnuchin yesterday announced that, in response to the coronavirus pandemic, the Treasury would allow deferral of tax payments by individuals and corporations of up to $1 million owed to the IRS for 90 days after the April 15 deadline.

While Mnuchin's announcement pertained to federal payments, H&R Block noted that many states have also allowed for deferral of tax payments due to the advent of the coronavirus. The Treasury secretary, who noted that taxpayers will not be subject to interest and penalties during the 90-day deferral period, encouraged taxpayers able to do so to file their taxes by April 15, insofar as many would be eligible for refunds.

H&R Block management had reiterated fiscal-2020 guidance for revenue growth of 1.5% to 3.5% and for its full-year margin, based on earnings before interest, taxes, depreciation, and amortization, of 24% to 26%. The company typically generates over 80% of its annual revenue and over 100% of its annual earnings during its fiscal fourth quarter, which overlaps with tax season. Our estimates for H&R Block are under review.

To be considered for this section, material should be sent to **Research@barrons.com**.

Alibaba Holding • BABA-NYSE

Buy • *Price $178.85 on March 16*
by BofA Securities

We are shifting some weights [in our international portfolio], given the current market volatility. We increase our 4.5% weight in Alibaba to 6%, as we believe that it [the Amazon.com of China] has positive secular drivers in e-commerce and cloud computing.

Sage Therapeutics • SAGE-Nasdaq

Outperform • *Price $28.80 on March 16*
by RBC Capital Markets

Sage Therapeutics shares are down 60% in the past month, owing to lack of clarity on lead drug 217's path forward, coupled with macro weakness on pandemic concerns. Although we acknowledge some uncertainties, we believe that the downside has been excessive. The promise that 217 [a treatment for depression and other disorders] has shown in earlier trials, [along with] Sage's underappreciated drug platform, create multiple shots [toward its] goal for achieving more than $2.5 billion in annual revenues, which the company's current market cap of about $1.8 billion doesn't appear to reflect. At current levels, the most bearish scenarios are already baked in, and we see the reward/risk skewed to the upside on any progress with 217 or the rest of the company's product pipeline.

We lower our price target to $60 from $73, but upgrade Sage to Outperform from Sector Perform and add a speculative risk qualifier to our rating.

JOYY • YY-Nasdaq

Buy • *Price $42.74 on March 17*
by Benchmark

JOYY, formerly YY, doesn't expect a negative impact on its YY Live and Bigo [social-media and streaming platforms] from the coronavirus outbreak. We are turning more positive on [China-based] JOYY's overseas expansion, driven by healthy user growth and increasing monetization [of its services].

That said, we expect JOYY's margins to remain under pressure, due to a potential step-up in YY Live investments. JOYY is trading at a single-digit earnings multiple, and we view it as a value play for longer-term investors. We maintain our Buy rating, but lower our price target to $78 from $90.

INSIDER TRANSACTIONS: Recent Filings

Purchases

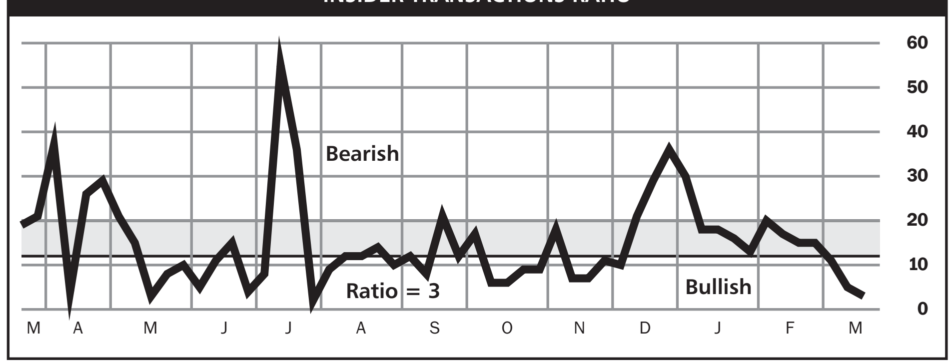
Company /Symbol	Insiders	Shares	$ Val (000's)
Simon Property SPG	7	362,358	20,426
Encompass Health EHC	2	166,000	9,971
Bunge BG	7	162,000	6,444
Wells Fargo & Co WFC	2	193,000	5,554
Cloudera CLDR	1	719,000	4,999
Hubspot HUBS	1	40,000	4,977
Enterprise Products Partners EPD	4	355,073	4,698
Lions Gate Entertainment LGF.A	2	798,122	3,836
Starwood Property Trust STWD	2	243,000	3,521
At Home HOME	1	1,100,408	3,370
Stitch Fix SFIX	1	250,000	3,190
Artisan Partners Asset Management APAM	1	150,000	3,153
Assured Guaranty AGO	1	96,068	3,001
Mercury General MCY	3	76,395	2,976
NCR NCR	6	158,000	2,800
Drive Shack DS	3	1,774,510	2,673
Nexpoint Residential Trust NXRT	2	75,516	2,633
Dsp Group DSPG	1	220,000	2,581
Trident Acquisitions TDAC	1	240,000	2,544
Valley National Bancorp VLY	2	332,000	2,500

Sales

Company /Symbol	Insiders	Shares	$ Val (000's)
Choice Hotels International CHH	2	528,768	37,992
Masimo MASI	1	201,741	36,813
Ringcentral RNG	1	123,001	25,521
Lululemon Athletica LULU	1	173,544	24,998
Snap SNAP	4	2,637,629	24,573
Forty Seven FTSV	1	250,000	23,591
Digital Realty Trust DLR	2	133,021	16,870
Intercontinental Exchange ICE	1	175,000	15,263
Q2 QTWO	2	243,984	14,078
Uber Technologies UBER	1	510,000	13,312
Dexcom DXCM	7	46,288	12,255
Okta OKTA	6	113,802	12,120
Sba Communications SBAC	2	42,103	11,770
Adobe ADBE	2	38,351	11,437
Workday WDAY	2	86,095	10,527
Walmart WMT	1	85,000	9,980
Zoom Video Communications ZM	2	83,168	9,066
Activision Blizzard ATVI	1	159,452	8,770
Knight-Swift Transportation KNX	1	290,000	8,630
Comcast CMCSA	2	203,820	7,550

An insider is any officer, director or owner of 10% or more of a class of a company's securities. In most cases, an insider must report any trade to the SEC within two business days. The tables highlight companies that filed with the SEC through last Wednesday. The tables do not include pension-plan or employee stock-option activity, trades by beneficial owners of 10% or more, trades under $2 per share or trades under 100 shares. The "Purchases" column includes only open-market and private purchases; the "Sales" column includes only open-market and private sales, and excludes trades preceded by option exercise in the 12 months prior to the reported event. Source: Thomson Reuters

INSIDER TRANSACTIONS RATIO



Ratio of Insiders Sales to Buys. Readings under 12:1 are Bullish. Those over 20:1 are Bearish.
The total top 20 sales and buys are 335,116,650 and 95,846,193 respectively; Source: Thomson Reuters

Market View

A Sampling of Advisory Opinion

"Until recently, falling yields were bad—but now, evidently, rising yields are bad. Perhaps this is to be expected in the middle of an emotional crisis—everything turns bad!" –James W. Paulsen, Paulsen's Perspective

A Positive Omen, Maybe

Paulsen's Perspective
by the Leuthold Group
leutholdgroup.com

March 19: Overnight on Tuesday, stock futures hit their 5%-limit down trigger. Seemingly, in addition to the coronavirus, the stock market is also worried about rising bond yields, which many believe [are climbing] because governments around the globe are implementing massive fiscal-stimulus packages and, consequently, are poised to sell huge amounts of sovereign debt. Having yields rise amid a meltdown in the stock market, and against an economic backdrop that everyone knows is about to contract, is frightening—like most things today.

Last year, investors worried about why bond yields were falling and what the bond market "knew" that the stock market didn't? Indeed, the recent collapse below 1% in both the 10- and 30-year bond yield certainly added to anxiety surrounding the onslaught of the coronavirus. Watching bond yields fall as fast as stocks made the nightmare scenario of negative yields in the U.S. appear all too real. So, until recently, falling yields were bad—but now, evidently, rising yields are bad. Perhaps this is to be expected in the middle of an emotional crisis—everything turns bad!

Who knows if the bond-yield revival will be bad or good for the economy and the stock market. Historically, though, the first meaningful rise in bond yields after a significant collapse, both in yields and the stock market, has typically been a good indication that the stock market rout is nearing its end.

–James W. Paulsen

Rx for a Market Comeback

Market View
by Renaissance Capital
rencap.com

March 19: Markets have been as broken this week, as we expected when we expressed sympathy for the idea of closing them until the markets could digest current news. Proof that the virus is being brought under control is needed before investors can focus on the economic fallout from the lockdowns.

Hubei [the Chinese province in which the disease is believed to have originated] was in lockdown and schools were closed when the number of active coronavirus cases was 0.7 per 100,000 [persons]. The figure rose to a peak of 86 active cases per 100,000. [There's] good reason to doubt Hubei's figures (they were a pack of lies in the first half of January, so may have been still understated in late January). But every other province in China was in lockdown, with schools closed, in the first half of February, and none had as many as two active cases per 100,000.

Italy did not go into national lockdown until there were 14.5 cases per 100,000. Spain did slightly better at 12.3, and France did better still at 10. Italy didn't close its schools until it had 4.5 cases per 100,000 (March 4), and, amazingly, some in Europe waited even longer. The United Kingdom just announced that it will close all schools on Friday (March 20), but its active cases ratio [is likely to] be around 5.6 by that afternoon,. The U.K. has failed to get ahead of Italy, and Italy failed to get ahead of Hubei. –Charles Robertson

Feds Have Tons of Fiscal Ammo

Special Report
by Wells Fargo Securities
wellsfargo.com

March 18: Just how big could fiscal stimulus get? During the Great Recession, the federal budget deficit peaked around 10% of gross domestic product. Were the federal government to run a similar deficit this year, it would amount to about $2.2 trillion.

But even this 10% figure probably does not represent the true upper bound on federal borrowing. During World War II, the federal budget deficit peaked at nearly 30% of GDP in 1943, and was more than 20% each year in the 1943-45 period.

A federal budget deficit of 30% of GDP today would amount to nearly $7 trillion. Of course, financing these deficits required extraordinary efforts, such as sizable war-bond programs and direct coordination between the Treasury and the Federal Reserve. While we doubt the fiscal response will be anything quite that big, the federal government possesses significant fiscal ammunition, particularly when real interest rates on Treasury securities remain negative.

–Michael Pugliese

The Dollar Problem

World Watch
by National Bank of Canada
nbc.ca

March 20: The coronavirus pandemic has, not surprisingly, prompted a rush toward havens, including the world's reserve currency. The U.S. dollar reached an 18-year high this month. That's bad news for an already weakened global economy.

In theory, USD appreciation is a positive development for non-U.S. economies because their exports are suddenly more competitive. But that impact tends to be more than offset by headwinds generated through financial channels. According to the Bank for International Settlements, roughly 35% of global trade is financed by the banking system, with around 80% of that denominated in U.S. dollars. So, if the cost of financing rises, this will slow lending and borrowing in U.S. dollars, hurting trade volumes.

A stronger buck also can make it harder for firms to service their dollar credits. U.S. dollar-denominated debt held by nonbank borrowers outside the U.S. stood at around $12 trillion at the end of last year, or nearly 19% of World GDP (excluding the U.S.), roughly double the exposure 20 years ago.

–Krishen Ragasamy

Gold Looks Golden

Gold & Silver Stock Report
by Clif Droke
clifdroke.com

March 20: Gold's relative value to copper has risen to its highest in more than 10 years, while its value compared with silver is the highest on record. The coronavirus has clearly had a negative impact on industrial demand for metals, while safety-related demand for gold has benefited.

Reuters observed that, on Thursday, copper "was just over 10,000 times less valuable than gold—the biggest discount since 2009, when copper prices also tumbled during the financial crisis." Whenever gold has outperformed the red metal this dramatically over a three-to four week period, it has usually gone on to continue its outperformance for the next three to six months.

Another indication that gold's intermediate-term outlook is still favorable is how well the yellow metal has performed versus its sister metal, silver. Historically, whenever gold is vastly outperforming silver, as it is now, it speaks to the intensity of safety-related demand for [gold].—Clif Droke

Kroger Looks Ready to Rally

Phases & Cycles
by Phases & Cycles
phases-cycles.com

March 17: Kroger [ticker: KRO] stock declined from $42.75 in January 2016 to $20.46 in June 2017, below a falling trend line and its falling 40-week moving average. Subsequently, the sock settled in a large, bullish technical pattern known as a "W" formation. The recent rise to $33.70 suggests a breakout from this pattern and the start of a new major up-leg. A sustained rise above $34 would confirm it.

Behavior indicators including the rising 40-week moving average confirm the bullish status. There is very good support near $27-$28 where the stock has maintained support throughout the recent market weakness. Only a sustained decline below $26-$27 would be negative. Point & figure measurements provide targets of $37 and $40. The large "W" pattern supports higher targets.

–Monica Rizk, Ron Meisels

To be considered for this section, material, with the author's name and address, should be sent to MarketWatch@barrons.com.

New York Stock Exchange Composite List

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52-Week High	52-Week Low	Name	Tick Sym	Yld	P/E	Last	Chg.	Div Amt.
52.78	8.56	AAR	AIR	2.2	cc	13.37	−5.63	.075
25.30	14.91	ABB	ABB	...	24	15.96	−1.66	...
42.67	20.84	ABMIndustries	ABM	3.5	10	21.05	−6.23	.185
11.38	3.56	ACCO Brands	ACCO	6.5	4	3.97	−1.48	.065
9.71	3.69	ADT	ADT	3.6	dd	3.87	−0.83	.035
52.40	21.76	AECOM	ACM	...	dd	25.55	−7.85	...
21.23	8.11	AES	AES	4.8	26	11.87	−1.13	.1433
57.18	23.07	Aflac	AFL	4.2	6	26.73	−7.96	.28
81.39	35.33	AGCO	AGCO	1.6	25	40.30	−15.03	.16
17.57	2.03	AG Mortgage	MITT	39.5	2	4.56	−6.50	.45
4.08	1.45	AHBeloA	AHC	18.9	3	1.70	−0.22	.08
17.07	1.95	AMC Ent	AMC	3.8	dd	3.19	−0.03	.03
89.22	45.04	AMN Healthcare	AMN	...	26	62.75	−11.73	...
11.19	6.39	AMTD Intl	HKIB	...	...	7.41	−0.59	...
2.47	0.34	ARC Document	ARC	7.3	8	.55	−0.37	.01
5.70	3.20	ASETech	ASX	3.1	14	3.40	−0.72	.1607
72.66	29.04	ASGN	ASGN	...	10	33.97	−7.01	...
39.70	28.18	AT&T	T	7.3	15	28.45	−6.02	.52
8.29	3.43	A10Networks	ATEN	...	dd	4.01	−0.37	...
21.89	13.03	AVX	AVX	2.1	18	21.57	−0.13	.115
67.51	31.82	AXIS Capital	AXS	4.3	11	38.16	−5.17	.41
50.36	19.31	AZZ	AZZ	2.7	10	25.39	−3.52	.17
78.65	14.80	Aaron's	AAN	1.1	36	15.00	−15.13	.04
92.45	67.95	AbbottLabs	ABT	2.1	33	68.00	−13.65	.36
97.86	62.66	AbbVie	ABBV	6.9	13	68.82	−16.55	1.18
30.63	7.42	Abercrombie&Fitch	ANF	9.2	14	8.69	−2.59	.20
29.55	12.44	AcadiaRealty	AKR	7.8	25	14.79	−4.40	.29
13.35	5.58	AccelEnt	ACEL	...	dd	5.60	−3.10	...
3.30	0.85	AccelEntWt	ACEL.WT	...	...	.85	−0.81	...
216.39	142.00	Accenture	ACN	2.1	20	149.94	−16.57	.80
31.50	7.96	AcornIntl	ATV	...	4	9.78	−2.38	...
147.44	67.46	AcuityBrands	AYI	.7	10	76.53	−19.15	.13
33.50	21.91	Acushnet	GOLF	2.8	14	21.91	−4.25	.155
8.70	3.58	Adecoagro	AGRO	...	dd	4.08	−0.98	...
29.28	5.90	Adient	ADNT	...	dd	8.61	−5.34	...
51.79	19.76	AdtalemGlbEduc	ATGE	...	12	22.55	−4.31	...
182.56	73.74	AdvanceAuto	AAP	1.3	11	75.03	−38.66	.25
33.15	25.88	AdvDisposalSvcs	ADSW	...	dd	31.30	−1.44	...
51.60	23.60	AdvDrainageSys	WMS	1.4	dd	25.86	−10.97	.09
33.62	8.12	AdvanSix	ASIX	...	9	12.88	+2.18	...
5.30	1.80	Aegon	AEG	12.1	5	2.38	+0.11	.1735
64.86	10.42	AerCap	AER	...	2	18.51	−5.99	...
57.27	30.11	AerojetRocket	AJRD	...	23	38.62	−4.63	...
115.75	47.03	AffiliatedMgrs	AMG	2.6	cc	48.77	−8.40	.32
90.64	61.13	AgilentTechs	A	1.1	27	66.46	−2.74	.18
64.88	31.00	AgnicoEagle	AEM	2.2	19	36.80	−0.47	.20
80.51	45.23	AgreeRealty	ADC	4.4	27	52.71	−20.08	.585
49.96	8.41	AirLease	AL	3.6	3	16.55	−7.21	.15
257.01	167.43	AirProducts	APD	2.8	22	189.15	−17.21	1.34
32.47	19.11	Aircastle	AYR	4.4	14	29.05	−2.64	.32
132.96	71.30	AlamoGroup	ALG	.7	14	75.21	−24.22	.13
7.78	3.34	AlamosGold	AGI	...	18	4.45	+0.56	...
72.22	20.02	AlaskaAir	ALK	6.4	4	23.56	−14.39	.375
92.05	30.46	AlbanyIntl	AIN	2.0	9	37.55	−6.56	.19
99.40	53.02	Albemarle	ALB	2.9	11	53.45	−14.56	.385
29.73	5.20	Alcoa	AA	...	dd	5.48	−2.52	...
65.37	42.07	Alcon	ALC	...	dd	42.95	−10.17	...
25.69	8.40	Alexander&Baldwin	ALEX	8.6	dd	8.84	−4.60	.19
394.70	234.48	Alexanders	ALX	7.6	20	235.65	−64.39	4.50
175.74	120.06	AlexandriaRlEst	ARE	3.3	40	123.31	−24.43	1.03
16.85	10.74	AlgonquinPwr	AQN	5.0	11	11.25	−1.83	.141
231.14	147.95	Alibaba	BABA	...	19	181.30	−12.70	...
847.95	454.39	Alleghany	Y	.0	8	467.71	−127.23	15.00
27.49	6.22	AlleghenyTechs	ATI	...	3	6.25	−3.75	...
139.24	81.61	Allegion	ALLE	1.5	19	82.84	−28.97	.32
202.22	114.27	Allergan	AGN	1.7	dd	170.88	−12.97	.74
88.60	53.17	Allete	ALE	4.5	15	54.71	−10.30	.6175
182.95	20.51	AllianceData	ADS	9.1	dd	27.55	−21.96	.63
36.06	13.24	AllianceBernstein	AB	14.8	7	17.06	−7.10	.85
50.46	29.03	AllisonTransm	ALSN	2.3	6	29.06	−3.94	.17
125.92	64.13	Allstate	ALL	2.9	5	73.87	−18.90	.54
35.42	10.22	AllyFinancial	ALLY	6.5	3	11.70	−8.87	.19
19.84	7.74	AlpineIncmProp	PINE	6.6	...	12.14	−1.09	.20
10.80	3.59	AltaEquipment	ALTG	...	...	3.76	−1.88	...
1.84	0.39	AltaEquipWt	ALTG.WT	...	...	.67	+0.07	...
160.11	75.17	Alteryx	AYX	...	cc	95.78	−7.41	...
31.78	15.96	AlticeUSA	ATUS	...	90	19.10	−3.12	...
57.88	34.14	Altria	MO	9.8	dd	34.28	−5.79	.84
11.11	4.81	AlumofChina	ACH	...	cc	4.90	−0.95	...
10.33	9.51	AlussaEnergy	ALUS.UT	...	...	9.60	−0.50	...
10.29	9.25	AlussaEnergyA	ALUS	...	...	9.50	−0.17	...
0.90	0.74	AlussaEnergyWt	ALUS.WT	...	...	.78	+0.03	...
22.90	8.74	AmbacFin	AMBC	...	dd	11.49	−4.26	...
10.53	3.26	AmbacFinWt	AMBC.WT	...	...	4.00	−1.00	...
5.45	2.00	Ambev	ABEV	...	13	2.40	−0.24	...
11.77	5.80	Amcor	AMCR	6.4	23	7.30	+0.48	.115
87.66	62.01	Ameren	AEE	3.1	19	62.93	−13.22	.495
26.19	13.11	Ameresco	AMRC	...	18	16.33	+0.14	...
18.04	11.66	AmericaMovil	AMX	3.0	13	12.07	−1.55	.1776
17.94	10.72	AmericaMovil A	AMOV	3.1	13	11.96	−1.30	.1776
49.26	20.15	AmericanAssets	AAT	5.3	27	22.46	−11.21	.30
43.68	2.81	AmericanAxle	AXL	...	dd	2.98	−1.94	...
50.94	21.18	AmCampus	ACC	8.1	38	23.08	−14.75	.47
24.30	7.10	AmerEagle	AEO	6.3	8	8.74	−1.36	.1375
104.97	70.26	AEP	AEP	3.9	18	71.45	−15.02	.70
58.77	41.50	AmerElecPwrUn	AEP.PRB	7.3	...	41.53	−8.20	.7656
34.16	9.07	AmEqtyLf	AEL	2.6	4	11.75	−7.49	.30
138.13	67.00	AmerExpress	AXP	2.3	9	74.12	−25.48	.43
115.03	44.01	AmericanFin	AFG	3.5	5	51.16	−25.08	.45
29.89	19.04	AmHomes4Rent	AMH	1.0	68	19.53	−8.41	.05
58.66	16.07	AIG	AIG	6.7	5	19.23	−9.27	.32
16.75	0.50	AIG Wt	AIG.WT	...	...	.51	−0.66	...
17.89	6.01	AmRltyInv	ARL	...	1	8.00	−0.63	...
13.80	5.48	AmericanRenal	ARA	...	dd	7.68	−0.28	...
96.64	65.11	AmerStWater	AWR	1.4	38	86.00	+9.24	.305
258.62	188.53	AmerTowerREIT	AMT	2.0	46	195.39	−43.60	1.08
19.60	11.53	AmerVanguard	AVD	.7	26	12.04	−1.76	.02
141.70	98.25	AmerWaterWorks	AWK	2.0	29	100.69	−27.60	.50
40.42	23.30	AmericoldRealty	COLD	2.8	cc	30.07	+0.35	.21
180.85	80.01	Ameriprise	AMP	4.3	6	89.83	−23.51	.97
97.50	70.55	AmerisourceBrgn	ABC	2.1	26	80.61	−9.39	.42
102.31	54.82	Ametek	AME	1.1	17	63.37	−11.23	.18
37.00	3.64	AmiraNatureFds	RYCE	...	...	5.57	−0.23	...
14.65	2.27	AmnealPharm	AMRX	...	dd	3.57	+0.54	...
4.92	1.94	Ampco-Pitt	AP	...	dd	1.94	−0.91	...
110.24	63.05	Amphenol	APH	1.4	19	70.04	−9.56	.25
13.23	0.49	AmplifyEnergy	AMPY	87.6	dd	.76	−0.08	.10
7.00	4.65	Amrep	AXR	...	dd	5.00	−0.27	...
63.71	26.10	Anaplan	PLAN	...	dd	28.29	−10.27	...
23.85	11.29	AngloGoldAsh	AU	.7	27	14.05	−0.12	.067
102.70	32.58	AB InBev	BUD	3.7	11	40.30	−3.99	1.1217
99.39	52.94	AnixterIntl	AXE	...	10	79.50	−11.31	...
10.50	3.51	AnnalyCap	NLY	18.8	dd	5.31	−1.59	.25
14.50	1.69	AnteroMidstream	AM	53.5	dd	2.30	−0.86	.3075
9.18	0.72	AnteroResources	AR	...	dd	.95	−0.31	...
312.48	185.69	Anthem	ANTM	2.0	10	191.59	−78.75	.95
4.32	0.92	AnworthMtg	ANH	32.6	dd	1.32	−0.72	.09
238.19	145.05	Aon	AON	1.2	24	149.55	−27.90	.44
38.12	3.80	Apache	APA	2.1	dd	4.83	−3.24	.25
55.68	27.83	ApartmtInv	AIV	5.8	9	28.31	−17.74	.41
43.37	2.96	Apergy	APY	...	5	3.62	−3.04	...
10.17	1.95	Aphria	APHA	...	dd	2.51	+0.26	...
19.76	5.50	ApolloComRlEst	ARI	22.9	5	6.99	−4.81	.40
52.67	19.46	ApolloGlbMgmt	APO	8.8	7	26.84	−9.11	.89
16.88	4.48	AppleHospREIT	APLE	22.4	7	5.36	−3.79	.10
70.62	30.66	AppliedIndlTechs	AIT	3.6	10	35.20	−9.67	.32
126.20	87.40	Aptargroup	ATR	1.6	25	92.51	−3.88	.36
99.04	29.22	Aptiv	APTV	1.9	12	45.17	−21.30	.22
27.78	16.08	AquaVenture	WAAS	...	dd	26.58	...	...
47.22	9.65	Aramark	ARMK	2.3	14	19.43	−4.78	.11
15.77	3.54	ArborRealty	ABR	24.3	4	4.82	−3.68	.30
24.20	6.64	ArcelorMittal	MT	2.2	4	7.74	−1.87	.20
101.92	30.01	ArchCoal	ARCH	6.0	3	33.27	−2.83	.50
47.20	30.43	ArcherDaniels	ADM	4.7	13	30.61	−4.03	.36
11.43	2.09	Archrock	AROC	16.0	5	3.63	−0.52	.145
34.27	13.00	Arconic	ARNC	.6	13	13.25	−7.27	.02
8.41	3.07	ArcosDorados	ARCO	1.7	13	3.56	−1.51	.03
47.85	28.14	Arcosa	ACA	.6	13	31.16	−6.02	.05
20.40	6.30	ArcusBiosci	RCUS	...	dd	10.50	−6.03	...
21.54	9.20	Ardagh	ARD	5.4	dd	10.34	−1.75	.14
9.79	3.73	ArdmoreShipping	ASC	4.9	dd	4.07	−0.97	.05
17.72	2.78	AresCommRealEst	ACRE	21.9	5	6.04	−6.02	.33
41.88	22.09	AresMgmt	ARES	7.0	22	22.91	−9.13	.40
51.95	29.91	Argan	AGX	2.6	dd	38.12	+1.81	.25
78.57	27.41	ArgoGroup	ARGO	3.7	dd	33.69	−2.11	.31
331.27	156.89	AristaNetworks	ANET	...	15	164.48	−12.28	...
8.32	1.40	ArlingtonAsset	AI	41.3	6	2.18	−1.16	.225
5.13	1.20	ArloTech	ARLO	...	dd	1.67	−0.33	...
19.43	7.94	ArmadaHoffler	AHH	10.7	20	8.20	−4.57	.22
21.15	4.95	ArmourRes	ARR	26.2	dd	7.80	−5.83	.17
15.10	1.12	ArmstrongFlooring	AFI	...	dd	2.13	−0.53	...
111.46	63.95	ArmstrongWorld	AWI	1.2	14	66.98	−20.79	.20
86.62	39.25	ArrowElec	ARW	...	dd	46.86	−9.95	...
38.09	17.69	ArtisanPtrsAsset	APAM	12.7	7	19.48	−2.79	.60
123.45	39.36	AsburyAutomotive	ABG	...	5	50.60	−4.51	...
5.82	0.47	AshfordHosp	AHT	17.3	dd	1.39	+0.39	.06
81.82	39.98	AshlandGlobal	ASH	2.6	4	42.61	−10.47	.275
10.71	2.42	AspenAerogels	ASPN	...	dd	5.21	−0.96	...
34.02	15.35	AssetMarkFin	AMK	...	dd	15.35	−5.59	...
23.26	10.72	AssociatedBanc	ASB	6.2	6	11.70	−2.14	.18
65.46	26.34	AssocCapital	AC	.7	16	27.48	−8.11	.10
142.61	76.27	Assurant	AIZ	2.8	16	91.05	−13.48	.63
50.77	13.64	AssuredGuaranty	AGO	3.9	5	20.48	−14.08	.20
51.55	36.15	AstraZeneca	AZN	3.5	76	39.42	−2.86	.95
24.81	1.20	AtHomeGroup	HOME	...	3	2.04	−1.33	...
4.04	1.00	Atento	ATTO	...	dd	1.01	−0.67	...
50.43	13.37	Athene	ATH	...	1	16.72	−10.28	...
43.50	10.85	AtkoreIntl	ATKR	...	6	18.88	−10.28	...
2.67	1.70	AtlanticPower	AT	...	dd	1.99	−0.03	...
14.62	5.39	Atlas	ATCO	7.4	4	6.72	−1.02	.125
121.08	85.56	AtmosEnergy	ATO	2.7	19	86.20	−14.47	.575
9.48	0.60	AuroraCannabis	ACB	...	dd	.73	−0.04	...
117.99	63.01	Autohome	ATHM	1.2	16	63.71	−12.29	.77
87.01	38.16	Autoliv	ALV	6.2	8	40.18	−16.55	.62
53.19	20.59	AutoNation	AN	...	5	26.50	−7.51	...
1274.41	720.88	AutoZone	AZO	...	11	728.13	−284.60	...
96.96	53.04	Avalara	AVLR	...	dd	62.00	−10.97	...
229.40	128.58	Avalonbay	AVB	4.8	23	131.62	−61.54	1.59
57.24	40.00	Avangrid	AGR	4.2	18	41.63	−4.17	.44
48.07	21.04	AvanosMedical	AVNS	...	dd	21.14	−5.23	...
19.59	6.66	Avantor	AVTR	...	dd	10.41	−1.40	...
22.35	6.13	Avaya	AVYA	...	dd	8.15	−1.72	...
141.09	88.01	AveryDennison	AVY	2.6	25	90.80	−15.28	.58
5.02	0.62	Avianca	AVH	11.4	dd	.98	−0.90	.0418
53.00	35.16	Avista	AVA	4.5	12	36.16	−8.84	.405
32.20	12.92	AxaltaCoating	AXTA	...	14	14.79	−4.94	...
33.44	13.69	AxosFinancial	AX	...	6	15.55	−3.37	...
44.55	5.30	Azul	AZUL	...	dd	7.74	−7.78	...
16.80	10.10	AzurePowerGlbl	AZRE	...	dd	14.40	−2.40	...

B

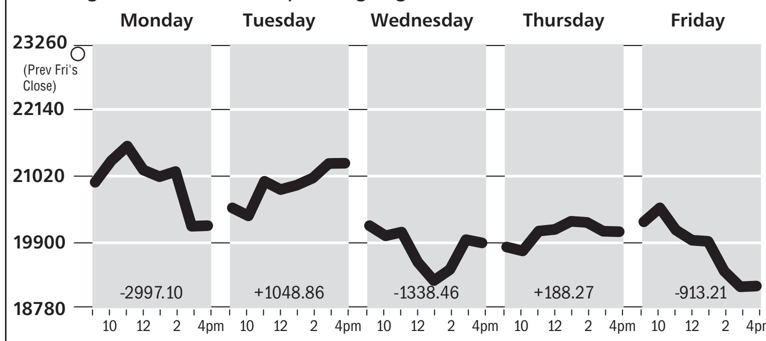
52-Week High	52-Week Low	Name	Tick Sym	Yld	P/E	Last	Chg.	Div Amt.
26.13	10.39	B&G Foods	BGS	10.8	15	17.61	+3.80	.475
6.45	1.11	BBX CapitalA	BBX	4.0	7	1.25	−1.20	.0125
49.58	35.06	BCE	BCE	7.0	14	35.90	−4.77	.6008
6.75	4.01	BEST	BEST	...	dd	5.12	...	...
23.99	6.01	BG Staffing	BGSF	14.4	7	8.34	−2.92	.30
59.02	29.78	BHP Group	BHP	9.1	8	31.47	−2.82	1.30
51.87	23.64	BHP Group	BBL	11.5	7	24.91	−2.67	1.30
31.19	18.84	BJ'sWholesale	BJ	...	18	24.69	+0.91	...
17.08	6.41	BP Midstream	BPMP	15.9	5	8.31	−0.98	.3475
45.38	15.51	BP	BP	14.4	15	17.39	−4.78	.63
28.19	2.77	BP Prudhoe	BPT	40.2	2	4.12	−0.44	.4242
9.96	2.27	BRF	BRFS	...	79	2.76	−0.71	...
18.75	6.00	BRT Apartments	BRT	9.8	dd	8.97	−3.26	.22
70.57	40.40	BWX Tech	BWXT	1.8	17	42.79	−9.78	.19
5.50	0.77	Babcock&Wilcox	BW	...	dd	.98	−0.67	...
70.83	44.20	BadgerMeter	BMI	1.5	28	45.73	−9.04	.17
28.32	9.18	BakerHughes	BKR	7.2	46	10.00	−2.73	.18
82.82	53.91	Ball	BLL	1.1	33	54.89	−8.95	.15
19.12	7.13	BancCalifornia	BANC	2.8	cc	8.52	−3.83	.06
12.58	2.21	BancoBBVA	BBAR	10.9	1	2.40	−0.51	.261
6.44	2.80	BancoBilbaoViz	BBVA	7.7	4	2.99	−0.66	.1728
9.48	3.37	BancoBradesco	BBDO	4.9	5	3.45	−1.12	.0034
30.30	12.50	BancodeChile	BCH	...	cc	15.52	−1.60	...
22.95	10.04	Bladex	BLX	13.4	5	11.46	−4.26	.385
77.31	14.05	BancoMacro	BMA	13.3	1	16.36	−4.98	2.202
12.85	4.56	BancSanBrasil	BSBR	12.5	9	4.99	−1.34	.0645
31.26	11.43	BcoSantChile	BSAC	5.9	28	14.02	−2.79	1.1069
8.74	2.86	BcoSantMex	BSMX	10.2	4	3.06	−2.14	.1855
5.25	2.04	BancoSantander	SAN	11.6	5	2.19	−0.52	.109
56.10	18.19	BanColombia	CIB	6.4	4	19.02	−10.20	.318
32.97	18.05	BancorpSouth	BXS	3.7	9	20.13	−0.47	.185
35.72	19.00	BankofAmerica	BAC	3.7	7	19.67	−4.49	.18
40.65	14.45	BankofButterfield	NTB	11.7	5	15.03	−6.62	.44
95.68	53.74	BankofHawaii	BOH	5.0	10	53.96	−11.18	.67
79.93	38.31	BankofMontreal	BMO	7.4	7	43.15	−7.99	.7976
53.61	26.40	BankNY Mellon	BK	4.3	6	29.07	−5.06	.31
58.22	33.09	BkNovaScotia	BNS	8.0	7	34.83	−7.98	.6772
37.60	14.50	BankUnited	BKU	5.0	6	18.46	−6.69	.23
10.22	3.41	Barclays	BCS	11.2	...	4.01	−1.39	.148
10.59	4.67	BaringsBDC	BBDC	10.2	5	6.27	−1.96	.16
5.10	1.38	Barnes&NobleEduc	BNED	...	dd	1.39	−0.91	...
68.60	30.22	BarnesGroup	B	2.0	11	32.82	−7.30	.16
22.57	11.65	BarrickGold	GOLD	1.8	7	15.88	+0.21	.07
31.97	11.15	BauschHealth	BHC	...	dd	13.66	−5.14	...
95.00	69.10	BaxterIntl	BAX	1.2	38	75.75	−5.24	.22
2.32	0.20	BaytexEnergy	BTE	...	dd	.25	−0.12	...
17.23	4.39	BeazerHomes	BZH	...	dd	4.76	−3.16	...
286.72	208.65	BectonDicknsn	BDX	1.4	81	220.12	−16.38	.79
62.28	25.54	Belden	BDC	.7	dd	29.87	−7.74	.05
24.03	14.43	BellRingBrands	BRBR	...	6	15.27	−2.72	...
37.36	14.06	BenchmarkElec	BHE	3.7	30	17.28	−5.24	.16
79.92	47.02	Berkley	WRB	.9	13	47.58	−8.60	.11
347400	250000	BerkHathwy A	BRK.A	...	5	257346	−31654	...
231.61	166.00	BerkHathwy B	BRK.B	...	5	170.06	−26.34	...
33.72	12.44	BerkshireHills	BHLB	7.6	6	12.55	−6.46	.24
59.16	25.00	BerryGlobal	BERY	...	11	30.06	−0.16	...
91.99	48.11	BestBuy	BBY	4.3	9	51.65	−9.41	.55
39.53	10.13	BigLots	BIG	9.9	2	12.10	−2.01	.30
817.00	260.38	BiglariA	BH.A	...	5	291.44	−163.56	...
165.65	41.70	BiglariB	BH	...	3	42.11	−41.07	...
64.12	23.61	Bill.com	BILL	...	...	37.78	−2.17	...
67.86	26.56	BiohavenPharm	BHVN	...	dd	29.59	−5.98	...
413.02	281.66	Bio-RadLab A	BIO	...	6	329.01	−18.78	...
16.53	9.46	Bitauto	BITA	...	dd	9.90	−2.40	...
87.12	48.07	BlackHills	BKH	4.1	16	51.72	−14.17	.535
76.44	50.93	BlackKnight	BKI	...	64	52.01	−13.37	...
18.77	4.04	BlackStoneMin	BSM	26.1	5	4.59	−2.08	.30
10.29	2.70	BlackBerry	BB	...	dd	3.38	−1.00	...
576.81	323.98	BlackRock	BLK	4.1	12	354.72	−59.06	3.63
64.97	33.00	Blackstone	BX	5.2	12	37.67	−9.05	.61
40.62	12.67	BlackstoneMtg	BXMT	13.7	8	18.05	−11.77	.62
29.62	12.76	BlockHR	HRB	8.0	7	13.08	−4.38	.26
15.45	2.44	BloomEnergy	BE	...	dd	4.08	−2.04	...
28.84	2.01	BlueApron	APRN	...	dd	10.15	+7.87	...
9.11	6.05	BlueCapReins	BCRH	9.4	dd	6.37	−0.83	6.00
16.51	3.25	BluegreenVac	BXG	12.5	9	4.17	−1.72	.13
35.40	4.60	BlueLinx	BXC	...	dd	5.93	−0.29	...
398.66	89.00	Boeing	BA	8.7	dd	95.01	−75.19	2.055
41.14	20.61	BoiseCascade	BCC	1.9	10	20.65	−6.31	.10
26.75	8.25	BonanzaCreekEner	BCEI	...	3	10.56	−0.28	...
48.11	8.03	BootBarn	BOOT	...	7	12.53	−7.66	...
82.00	56.42	BoozAllen	BAH	1.8	19	57.95	−12.04	.31
46.60	17.00	BorgWarner	BWA	3.3	6	20.50	−5.16	.17
16.15	0.24	BorrDrilling	BORR	...	dd	.45	−0.14	...
444.65	258.34	BostonBeer	SAM	...	33	306.46	−48.49	...
147.83	80.63	BostonProps	BXP	4.8	25	82.00	−35.06	.98
46.62	25.41	BostonSci	BSX	...	8	27.24	−5.09	...
21.19	8.64	Box	BOX	...	dd	12.48	+1.55	...
36.22	6.44	BoydGaming	BYD	2.4	8	11.60	−3.74	.07
59.11	33.00	Brady	BRC	2.3	14	37.94	−6.56	.2175
13.88	1.14	BraemarHtls	BHR	36.8	dd	1.74	−1.25	.16
16.25	8.04	BrandywineRealty	BDN	9.2	44	8.22	−3.48	.19
4.98	2.50	BrasilAgro	LND	7.6	7	2.66	−0.48	.2028
27.06	4.50	Braskem	BAK	8.0	3	4.69	−3.67	.3753
14.37	2.10	Briggs&Stratton	BGG	8.1	dd	2.47	−0.16	.05
23.29	5.86	BrighamMin	MNRL	17.0	33	8.17	−1.86	.38
176.98	64.23	BrightHorizons	BFAM	...	28	83.96	−40.88	...
12.70	5.57	BrightScholarEduc	BEDU	1.6	19	5.57	−1.42	.088
14.87	3.61	BrightSphere	BSIG	8.8	2	4.52	−2.49	.10
20.27	6.85	BrightView	BV	...	21	8.20	−2.26	...
47.57	7.00	BrinkerIntl	EAT	16.3	3	9.31	−7.85	.38
97.12	43.30	Brink's	BCO	1.3	79	45.12	−18.49	.15
68.34	42.48	Bristol-Myers	BMY	3.7	22	48.40	−6.59	.41
3.79	1.94	Bristol-MyersRt	BMY.RT	...	...	2.67	−0.13	...
0.74	0.35	Bristol-MyersRt	CELG.RT	.0	...	.47	...	.1479
45.64	29.69	BritishAmTob	BTI	9.0	9	29.88	−5.66	.6721
22.74	8.36	BrixmorProp	BRX	11.2	11	10.14	−4.41	.285
12.81	6.02	BroadmarkRealty	BRMK	16.2	cc	6.67	−1.83	.08
1.84	0.16	BroadmarkRltyWt	BRMK.WT	...	...	.21	−0.09	...
136.99	89.81	BroadridgeFinl	BR	2.4	25	90.77	−12.91	.54
8.80	1.47	BrookdaleSrLiving	BKD	...	dd	1.89	−1.64	...
68.41	33.78	BrookfieldMgt	BAM	1.9	15	38.65	−14.53	.12
46.88	18.60	BrookfieldBusPtr	BBU	1.3	26	19.93	−8.96	.0625
56.31	30.06	BrookfieldInfr	BIP	6.6	cc	32.70	−8.42	.5375
57.69	30.70	BrookfieldRenew	BEP	6.0	dd	35.87	−7.03	.5425
48.69	28.81	Brown&Brown	BRO	1.0	24	33.62	−6.22	.085
68.15	41.76	Brown-Forman A	BF.A	1.5	26	45.94	−1.28	.1743
72.85	47.57	Brown-Forman B	BF.B	1.4	27	48.85	−4.30	.1743
66.32	26.18	Brunswick	BC	3.5	dd	27.42	−14.19	.24
28.52	13.24	Buckle	BKE	7.7	7	15.64	+0.42	1.25
17.85	5.12	Buenaventura	BVN	1.1	dd	7.27	+1.27	.027
6.29	1.60	Build-A-Bear	BBW	...	cc	2.01	−0.51	...
59.65	29.00	Bunge	BG	6.3	dd	31.78	−6.78	.50
250.89	105.67	BurlingtonStrs	BURL	...	20	138.01	−49.79	...
20.73	8.44	BylineBancorp	BY	4.0	6	9.04	−2.41	.03

C

52-Week High	52-Week Low	Name	Tick Sym	Yld	P/E	Last	Chg.	Div Amt.
288.59	156.15	CACI Intl	CACI	...	18	184.61	−34.64	...
29.57	10.13	CAI Intl	CAI	...	12	13.82	−0.43	...
25.34	10.59	CBD Pao	CBD	...	33	13.14	−0.74	...
28.73	16.85	CBIZ	CBZ	...	14	17.27	−5.82	...
1.96	0.25	CBL Assoc	CBL	.0	dd	.39	−0.10	.075
64.75	31.51	CBRE Group	CBRE	...	9	34.26	−12.12	...
55.15	19.73	CF Industries	CF	5.4	10	22.25	−5.43	.30
87.13	46.43	CGI	GIB	...	14	48.19	−12.16	...
54.02	12.21	CIT Group	CIT	10.0	3	13.95	−8.89	.35
10.28	9.14	CITICCapAcqn	CCAC.UT	...	...	9.39	−0.60	...
69.17	48.62	CMS Energy	CMS	3.3	21	49.55	−12.84	.4075
51.30	27.83	CNA Fin	CNA	5.1	8	29.01	−6.45	2.00
11.99	5.32	CNH Indl	CNHI	.0	5	5.71	−1.76	.2017
20.93	9.47	CNO Financial	CNO	4.5	4	9.85	−2.91	.11
193.66	81.11	CNOOC	CEO	9.7	5	85.84	−17.89	3.7654
16.94	5.20	CNX Midstream	CNXM	18.4	4	8.54	−0.34	.4143
11.04	4.26	CNX Resources	CNX	...	dd	6.76	+0.04	...
18.15	4.72	CONSOL Coal	CCR	39.6	3	5.18	−0.53	.5125
36.50	4.27	CONSOL Energy	CEIX	...	2	6.39	+0.92	...
40.88	17.73	CRH	CRH	4.6	8	19.87	−7.64	.7042
34.29	18.12	CTS	CTS	.9	17	18.24	−3.58	.04
16.99	3.43	Curo	CURO	5.3	2	4.16	−3.14	.055
55.52	14.02	CVR Energy	CVI	15.9	5	20.09	−0.71	.80
4.26	0.60	CVR Partners	UAN	44.9	dd	.89	−0.30	.07
77.03	51.72	CVS Health	CVS	3.7	11	54.70	−4.94	.50
1830.50	944.95	CableOne	CABO	.7	41	1270.96	−106.92	2.25
50.58	20.00	Cabot	CBT	6.6	10	21.08	−11.19	.35
27.65	13.06	CabotOil	COG	2.7	9	14.92	−3.45	.10
40.68	8.16	Cactus	WHD	3.0	7	11.93	−0.92	.09
23.22	5.06	CadenceBancorp	CADE	12.8	4	5.47	−3.58	.175
31.56	9.80	CAE	CAE	2.8	12	11.82	−8.31	.0832
28.50	3.12	Caleres	CAL	5.5	3	5.11	−1.88	.07
30.18	2.45	CaliforniaRscs	CRC	...	dd	3.02	−0.12	...
57.48	39.74	CalWtrSvc	CWT	1.6	40	53.00	+7.21	.2125
10.55	5.60	Calix	CALX	...	dd	6.10	−0.86	...
22.33	4.75	CallawayGolf	ELY	.6	9	7.27	−2.49	.01
8.52	0.38	CallonPetrol	CPE	...	2	.44	−0.22	...
120.73	69.37	CamdenProperty	CPT	4.7	32	71.04	−24.93	.83
12.12	5.30	Cameco	CCJ	1.0	44	6.30	−0.43	.0608
57.54	35.27	CampbellSoup	CPB	3.1	27	45.30	−3.98	.35
16.97	3.40	CampingWorld	CWH	7.5	dd	4.27	−2.55	.0732
55.49	12.94	CanadaGoose	GOOS	...	14	15.01	−2.58	...
87.62	48.03	CIBC	CM	8.6	6	51.01	−10.01	1.0955
96.53	65.13	CanNtlRlwy	CNI	2.5	16	68.64	−8.61	.406
32.79	6.71	CanNaturalRes	CNQ	13.6	2	8.36	−6.02	.2834

FIVE-DAY DOW COMPOSITE

Delirium: The Dow dropped 17% last week, its worst decline since October 2008. Among individual stocks, Dow Inc. gained 6.8%, while Boeing lost 44% after requesting a government bailout.



The Week's Statistics

Bonus Tables: M35

For statistical queries please contact the Statistics Team: **609-520-4799**
or email: **barronsstats@barrons.com**

New York Stock Exchange Composite List

52-Week High	Low	Name	Tick Sym	Yld	P/E	Last	Chg.	Div Amt.
275.13	173.26	CanPacRlwy	CP	1.3	14	185.95	-31.67	.4841
9.82	4.52	Cango	CANG	...	17	5.60	-0.54	...
44.87	20.51	Cannae	CNNE	...	25	30.21	-1.66	...
10.04	0.38	CannTrust	CTST	...	...	.46	-0.02	...
30.12	19.13	Canon	CAJ	5.9	15	21.12	+0.51	.7255
52.74	9.00	CanopyGrowth	CGC	...	dd	11.83	+0.89	...
93.87	22.23	CantelMedical	CMD	.8	50	24.74	-18.71	.105
107.59	38.00	CapitalOne	COF	3.6	4	45.01	-27.83	.40
5.64	0.46	CapitalSrLiving	CSU	...	dd	.50	-0.17	...
50.00	5.42	Capri	CPRI	...	4	9.87	-4.06	...
9.25	1.97	CapsteadMtg	CMO	17.5	dd	3.08	-2.54	.15
60.69	41.03	CardinalHealth	CAH	4.4	dd	43.33	-4.29	.4811
169.86	102.10	Carlisle	CSL	1.9	13	104.24	-27.94	.50
103.18	37.59	CarMax	KMX	...	9	44.27	-24.92	...
57.17	7.90	Carnival	CCL	16.7	3	12.00	-5.58	.50
56.22	7.08	Carnival	CUK	19.3	2	10.34	-6.12	.50
56.33	14.70	CarpenterTech	CRS	5.4	4	14.87	-11.81	.20
28.50	14.01	CarriageSvcs	CSV	1.9	19	15.46	-1.32	.075
...	...	CarrierGlobal	CARR.WI	...	...	12.75	...	...
23.61	3.95	Cars.com	CARS	...	dd	4.09	-3.06	...
112.46	63.17	Carter's	CRI	3.6	11	66.49	-9.04	.60
115.23	22.16	Carvana	CVNA	...	dd	29.35	-21.57	...
15.85	3.15	CasperSleep	CSPR	...	dd	3.18	-2.61	...
3.99	0.60	CastlightHealth	CSLT	...	dd	.76	-0.06	...
68.78	31.04	Catalent	CTLT	...	47	39.20	-8.72	...
12.54	5.13	CatchMarkTimber	CTT	9.0	dd	5.98	-1.87	.135
150.55	87.50	Caterpillar	CAT	4.3	9	95.50	-4.14	1.03
19.73	9.66	Cato	CATO	11.7	8	11.28	-1.47	.33
64.86	13.00	CedarFairRec	FUN	20.5	6	18.24	-8.34	.935
3.69	0.75	CedarRealty	CDR	24.4	dd	.82	-0.73	.05
128.88	52.70	Celanese	CE	3.8	10	64.73	-13.68	.62
9.29	2.63	Celestica	CLS	...	6	2.90	-1.44	...
4.79	1.80	CellcomIsrael	CEL	...	dd	2.42	+0.19	...
10.64	7.00	CementosPacasm	CPAC	...	15	7.05	-1.11	...
5.10	1.72	Cemex	CX	5.8	12	1.73	-0.73	.0499
10.82	1.41	CenovusEnergy	CVE	11.3	1	1.66	-1.34	.0379
68.64	41.62	Centene	CNC	...	16	48.85	-14.72	...
31.17	11.58	CenterPointEner	CNP	9.3	9	12.48	-3.07	.29
11.69	3.29	CentraisElBras	EBR	...	1	3.48	-2.36	...
30.82	12.74	CentralPacFin	CPF	7.0	6	13.08	-6.57	.23
9.99	1.86	CentralPuerto	CEPU	4.4	2	2.26	-0.21	.0988
39.31	9.04	CenturyComm	CCS	...	3	12.02	-11.96	...
15.30	8.45	CenturyLink	CTL	11.0	dd	9.10	-1.02	.25
79.11	38.40	CeridianHCM	CDAY	...	90	47.76	-7.29	...
12.61	4.39	ChannelAdvisor	ECOM	...	48	5.49	-0.70	...
8.18	0.24	ChaparralEnergy	CHAP	...	dd	.98	+0.40	...
7.44	1.55	CharahSolutions	CHRA	...	dd	2.01	-0.45	...
179.38	95.58	CharlesRiverLabs	CRL	...	21	105.78	-23.15	...
20.66	3.44	ChathamLodging	CLDT	28.1	12	4.70	-3.81	.11
7.08	1.89	CheetahMobile	CMCM	.0	2	2.14	-0.26	.50
48.22	25.89	Chegg	CHGG	...	dd	29.64	-6.46	...
513.75	313.49	Chemed	CHE	.4	26	351.57	-69.15	.32
41.60	8.01	Chemours	CC	11.0	dd	9.13	-1.17	.25
17.74	4.12	CherryHillMtg	CHMI	27.3	dd	5.86	-3.18	.40
3.57	0.12	ChesapeakeEner	CHK	...	dd	.19	-0.11	...
101.29	79.19	ChesapeakeUtil	CPK	2.0	23	82.44	-11.70	.405
127.34	51.60	Chevron	CVX	8.7	40	59.39	-24.03	1.29
41.34	20.62	Chewy	CHWY	...	dd	31.92	+5.87	...
5.14	1.29	Chico'sFas	CHS	19.5	dd	1.85	-0.28	.09
22.99	6.42	ChimeraInvt	CIM	20.9	5	9.55	-7.17	.50
11.99	3.89	ChinaDistanceEd	DL	.0	14	7.20	-0.50	.56
42.50	18.66	ChinaEastnAir	CEA	...	8	16.78	-4.16	...
8.16	1.80	ChinaGreenAg	CGA	...	dd	2.79	+0.64	...
14.70	8.27	ChinaLifeIns	LFC	1.0	7	8.66	-1.65	.1187
52.59	30.12	ChinaMobile	CHL	4.9	9	34.12	-0.33	.8765
37.19	3.68	ChinaOnlineEduc	COE	...	dd	25.00	+2.32	...
83.02	41.31	ChinaPetrol	SNP	11.5	8	43.22	-4.51	1.708
13.00	0.51	ChinaRapidFin	XRF	...	...	.83	+0.12	...
52.34	19.39	ChinaSoAirlines	ZNH	1.5	cc	20.04	-6.06	.3646
57.09	26.66	ChinaTelecom	CHA	5.1	7	28.17	-4.46	1.5988
13.28	5.08	ChinaUnicom	CHU	...	10	5.55	-1.02	...
18.51	7.88	ChinaYuchai	CYD	10.2	4	8.30	-1.63	.85
940.28	415.00	Chipotle	CMG	...	46	566.00	-64.36	...
109.26	46.25	ChoiceHotels	CHH	1.6	14	57.67	-16.46	.225
167.74	87.35	Chubb	CB	3.0	10	101.56	-20.30	.75
37.57	33.61	ChunghwaTel	CHT	3.1	cc	35.30	-0.70	1.4246
80.99	47.98	Church&Dwight	CHD	1.5	27	65.75	+2.46	.24
11.90	10.00	ChurchillCapII	CCX.UT	...	...	10.05	-0.66	...
11.08	9.25	ChurchillCapIIA	CCX	...	...	9.67	-0.28	...
2.50	0.93	ChurchillCapCorp.IIWt	CCX.WT	...	...	1.00	-0.83	...
10.59	9.20	ChurchillCapIII	CCXX.UT	...	...	9.65	-0.40	...
46.78	30.58	Ciena	CIEN	...	20	36.07	-0.95	...
224.64	118.50	Cigna	CI	.0	11	142.09	-37.78	.04
72.46	12.15	CimarexEnergy	XEC	5.9	dd	14.80	-3.30	.22
16.05	3.19	CincinnatiBell	CBB	...	dd	13.69	-1.05	...
43.51	5.71	Cinemark	CNK	12.6	7	11.42	-3.28	.36
25.48	9.43	CinerRscs	CINR	13.6	4	10.00	-2.83	.34
47.80	8.00	CircorIntl	CIR	...	dd	9.79	-10.93	...
83.11	32.00	Citigroup	C	5.4	5	38.06	-12.98	.51
41.29	14.12	CitizensFin	CFG	8.2	5	17.52	-6.14	.39
7.72	3.55	Citizens	CIA	...	dd	5.69	+1.25	...
14.50	7.05	CityOfficeREIT	CIO	12.7	dd	7.41	-1.30	.235
2.53	0.40	Civeo	CVEO	...	dd	.40	-0.31	...
23.66	12.53	ClarivateAnaly	CCC	...	dd	17.25	-2.36	...
88.40	29.45	CleanHarbors	CLH	...	24	41.63	-12.70	...
5.76	0.45	ClearChannelOutdr	CCO	...	dd	.55	-0.50	...
31.49	11.88	ClearwaterPaper	CLW	...	dd	20.01	+1.15	...
22.67	13.86	ClearwayEnergyA	CWEN.A	4.5	dd	18.00	-1.02	.21
23.24	14.42	ClearwayEnergyC	CWEN	4.1	dd	19.63	-0.41	.21
11.61	2.63	Cleveland-Cliffs	CLF	7.5	3	3.19	-1.68	.06
13.53	5.20	ClipperRealty	CLPR	6.6	dd	5.78	-3.53	.095
214.26	144.12	Clorox	CLX	2.4	28	177.40	+9.63	1.06
12.22	4.76	Cloudera	CLDR	...	dd	6.95	-0.52	...
25.02	14.50	Cloudflare	NET	...	dd	21.72	+2.66	...
7.00	3.93	CN Finance	CNF	...	4	4.00	-0.25	...
60.13	37.51	Coca-Cola	KO	4.3	19	38.30	-10.17	.41
58.94	28.52	Coca-Cola Euro	CCEP	4.4	12	31.47	-12.45	.6876
69.00	40.46	Coca-Cola Femsa	KOF	4.5	41	41.05	-6.50	.9282
8.29	1.98	CoeurMining	CDE	...	dd	2.92	+0.36	...
78.23	35.91	Cohen&Steers	CNS	4.1	14	37.87	-15.39	.39
39.30	12.23	Colfax	CFX	...	dd	16.40	-7.10	...
166.81	61.50	ColfaxUn	CFXA	7.3	...	79.01	-27.06	1.4375
77.41	61.39	ColgatePalm	CL	2.8	23	62.08	-7.02	.44
11.95	9.46	CollierCreek	CCH.UT	...	cc	10.40	-0.60	...
11.10	9.75	CollierCreek	CCH	...	71	10.15	-0.13	...
2.10	1.09	CollierCreekWt	CCH.WT	...	...	1.39	-0.11	...
6.14	1.33	ColonyCapital	CLNY	28.9	dd	1.52	-0.65	.11
16.36	2.61	ColonyCredREst	CLNC	42.7	dd	2.81	-4.27	.10
23.13	8.61	ColumbiaProperty	CXP	9.6	dd	8.75	-6.74	.21
80.62	24.28	Comerica	CMA	9.4	4	28.93	-9.74	.68
58.21	23.76	ComfortSystems	FIX	1.3	11	32.75	-5.11	.105
24.04	10.76	CommercialMetals	CMC	3.7	5	13.11	-2.04	.12
72.63	48.00	CommBkSys	CBU	3.2	16	51.18	-6.12	.41
7.47	1.79	CommunityHlthSys	CYH	...	dd	2.63	-0.27	...
52.33	20.12	CommunityHlthcr	CHCT	6.3	70	26.09	-11.10	.4175
15.40	5.79	SABESP	SBS	...	6	6.61	-3.68	...
5.00	1.71	EngGr-Cmg C	CIG.C	8.3	3	1.78	-0.27	.0574
4.11	1.61	EngGr-Cmg	CIG	8.6	3	1.72	-0.41	.0574
18.15	8.89	COPEL	ELP	6.0	6	9.83	-2.48	.4881
4.71	1.14	CiaSiderurgica	SID	...	4	1.21	-0.38	...
29.48	11.25	CerveceriasUnid	CCU	3.4	12	12.36	-1.85	.1132
26.37	10.78	CompassDiversif	CODI	11.5	dd	12.51	-4.07	.36
66.14	37.04	CompassMnlInt	CMP	7.0	23	41.00	-2.33	.72
10.70	4.05	ComstockRscs	CRK	...	9	4.64	+0.41	...
35.59	22.83	ConagraBrands	CAG	3.3	16	26.05	+1.26	.2125
124.53	33.13	ConchoRscs	CXO	2.0	dd	40.56	-6.31	.20
3.21	1.34	ConcordMed	CCM	...	dd	1.83	+0.15	...
116.81	37.66	Conmed	CNMD	1.7	50	47.87	-23.66	.20
69.60	20.84	ConocoPhillips	COP	6.3	4	26.84	-4.54	.42
95.10	71.07	ConEd	ED	4.2	18	72.59	-15.48	.765
214.48	107.00	ConstBrands A	STZ	2.5	30	119.70	-13.28	.75
214.51	110.00	ConstBrands B	STZ.B	2.1	36	126.95	-10.80	.68
15.10	3.90	Constellium	CSTM	...	9	4.13	-2.63	...
9.50	1.80	ContainerStore	TCS	...	7	2.53	+0.39	...
52.04	6.92	ContinentalRscs	CLR	2.1	5	9.46	-0.36	.05
13.45	2.96	Volaris	VLRS	...	4	3.39	-2.34	...
61.87	2.22	ConturaEnergy	CTRA	...	dd	3.38	-1.51	...
365.68	236.68	Cooper	COO	.0	28	250.65	-40.39	.03
59.22	6.64	Cooper-Standard	CPS	...	3	9.48	-5.80	...
33.35	13.82	CooperT&R	CTB	2.5	9	16.95	-4.33	.105
12.30	4.55	CooTekCayman	CTK	...	dd	5.86	-0.34	...
116.88	24.00	Copa	CPA	10.3	5	31.01	-27.83	.80
75.63	6.68	CoreLabs	CLB	10.1	5	9.95	+1.46	.25
24.38	8.33	CoreCivic	CXW	17.8	6	9.90	-2.20	.44
51.75	28.13	CoreLogic	CLGX	3.0	47	28.94	-14.96	.22
49.75	9.25	CorEnergyInfr	CORR	18.8	dd	15.99	-5.95	.75
13.85	2.18	CorePoint	CPLG	22.5	dd	3.56	-0.93	.20
123.69	93.65	Coresite	COR	4.8	49	100.98	-7.88	1.22
9.79	2.92	CornerstoneBldg	CNR	...	dd	2.99	-2.09	...
35.34	18.42	Corning	GLW	4.7	18	18.86	-3.94	.22
8.69	1.70	CorpAmAirports	CAAP	...	3	1.76	-0.98	...
30.57	15.23	CorpOfficeProp	OFC	6.7	10	16.49	-7.53	.275
32.78	20.38	Corteva	CTVA	2.3	dd	22.53	-2.29	.13
23.70	8.56	Cosan	CZZ	...	9	12.17	-2.23	...
10.85	3.16	Costamare	CMRE	10.8	6	3.69	-0.93	.10
14.14	3.02	Coty	COTY	11.2	dd	4.48	-3.29	.125
42.99	21.15	CousinsProperties	CUZ	5.1	83	22.70	-8.67	.30
18.38	8.00	Covanta	CVA	11.7	cc	8.55	-1.44	.25
6.91	0.65	Covia	CVIA	...	dd	.78	-0.12	...
91.23	39.34	Crane	CR	4.3	19	40.07	-15.43	.43
11.90	6.33	Crawford A	CRD.A	4.2	26	6.65	-0.59	.07
10.79	5.60	Crawford B	CRD.B	3.4	32	5.96	-0.63	.05
246.37	126.91	Credicorp	BAP	4.6	8	132.83	-41.02	2.3825
14.12	6.47	CreditSuisse	CS	...	5	7.00	-1.16	...
4.84	0.51	CrescentPoint	CPG	4.3	dd	.70	-0.27	.0076
40.00	2.65	CrestwoodEquity	CEQP	49.7	2	5.03	-2.03	.625
9.75	1.96	CrestwoodEqUn	CEQP.PR	21.6	...	3.91	-0.91	.2111
13.21	4.01	CrossTimbers	CRT	18.6	6	5.21	-1.08	.106
19.79	6.81	CrossAmerPtrs	CAPL	16.9	24	12.42	-1.06	.525
168.75	119.81	CrownCastle	CCI	3.7	65	128.06	-27.03	1.20
80.57	44.87	CrownHoldings	CCK	...	12	46.96	-12.89	...
33.00	14.23	CryoLife	CRY	...	cc	14.71	-7.08	...
36.32	20.60	CubeSmart	CUBE	6.2	24	21.36	-7.05	.33
75.20	34.62	Cubic	CUB	.8	29	35.05	-8.23	.135
104.53	49.77	Cullen/Frost	CFR	5.4	8	53.08	-9.17	.71
21.08	6.69	Culp	CULP	5.3	45	7.99	+0.58	.105
186.73	115.00	Cummins	CMI	4.5	8	116.48	-20.36	1.311
149.90	70.56	CurtissWright	CW	.9	11	78.00	-18.42	.17
20.80	6.84	Cushman&Wkfd	CWK	...	...	10.44	-3.36	...
25.72	9.80	CustomersBancorp	CUBI	...	6	11.37	-3.82	...
10.14	3.09	CypressEnvl	CELP	21.9	6	3.84	-1.39	.21

D

52-Week High	Low	Name	Tick Sym	Yld	P/E	Last	Chg.	Div Amt.
34.03	2.20	DCP Midstream	DCP	73.2	dd	4.26	-2.23	.78
4.44	2.02	DHI Group	DHX	...	10	2.50	+0.14	...
8.83	4.41	DHT	DHT	8.5	12	5.53	-1.07	.32
7.79	1.64	DRDGOLD	DRD	4.4	31	4.91	+0.90	.1315
52.47	28.00	DTEEnergy	DTP	9.1	...	34.40	-4.24	.7813
135.67	71.21	DTE Energy	DTE	4.9	13	83.00	-13.44	1.0125
67.09	7.90	DXC Tech	DXC	7.2	dd	11.67	-3.47	.21
20.96	4.22	Dana	DAN	6.8	4	5.90	-3.15	.10
169.19	121.07	Danaher	DHR	.6	36	123.81	-17.58	.18
14.14	2.50	Danaos	DAC	...	0	2.78	-1.54	...
81.46	30.17	DaqoNewEnergy	DQ	...	22	45.58	-11.07	...
128.41	26.15	Darden	DRI	9.0	8	39.00	-26.32	.88
29.57	10.25	DarlingIngred	DAR	...	8	15.17	-4.06	...
90.15	43.40	DaVita	DVA	...	12	64.99	-10.96	...
203.19	78.70	DeckersOutdoor	DECK	...	10	103.90	-25.73	...
181.99	106.14	Deere	DE	2.7	11	111.63	-27.33	.76
34.12	5.51	DelekLogistics	DKL	42.1	3	8.16	-0.46	.885
44.08	7.79	DelekUS	DK	7.8	4	15.08	+4.77	.31
70.55	25.51	DellTechC	DELL	...	5	32.49	-3.46	...
26.82	5.39	DelphiTechs	DLPH	...	45	8.29	-2.94	...
63.44	19.10	DeltaAir	DAL	7.5	3	21.35	-17.01	.4025
54.15	19.57	Deluxe	DLX	5.4	dd	22.17	-7.76	.30
2.68	0.22	DenburyRscs	DNR	...	1	.29	-0.08	...
23.41	2.60	DesignerBrands	DBI	18.1	4	5.54	-4.36	.10
15.44	5.08	Despegar.com	DESP	...	dd	7.00	-0.74	...
11.16	4.99	DeutscheBank	DB	...	dd	5.76	-0.21	...
35.39	4.70	DevonEnergy	DVN	7.2	dd	6.08	-2.62	.11
176.22	101.43	Diageo	DEO	3.2	17	109.56	-18.16	2.1206
12.64	1.22	DiamondOffshore	DO	...	dd	2.72	-1.04	...
17.50	8.73	DiamondSShip	DSSI	...	dd	8.60	-2.74	...
11.79	1.96	DiamndrckHsptly	DRH	12.8	4	3.90	-1.73	.125
4.15	1.26	DianaShipping	DSX	...	dd	1.30	-0.50	...
49.80	13.46	Dick's	DKS	7.4	5	16.81	-10.11	.3125
14.66	3.71	DieboldNixdorf	DBD	...	dd	4.12	-0.94	...
143.61	110.84	DigitalRealty	DLR	3.7	52	121.20	-22.14	1.12
86.71	33.28	Dillard's	DDS	1.4	10	41.92	-1.81	.15
104.47	14.16	DineBrands	DIN	17.5	3	17.41	-25.27	.76
92.98	23.25	DiscoverFinSvcs	DFS	7.0	3	25.25	-26.51	.44
153.41	79.07	Disney	DIS	2.0	14	85.98	-16.54	.88
10.45	9.19	dMY Tech	DMYT.UT	...	...	9.42	-0.48	...
73.20	44.68	DolbyLab	DLB	1.8	25	49.46	-10.61	.22
167.44	116.15	DollarGeneral	DG	1.0	21	140.13	-5.68	.36
90.89	66.35	DominionEner	D	5.6	43	67.22	-11.07	.94
113.82	85.29	DominionEnerUn	DCUE	8.5	...	85.41	-13.46	1.8125
381.86	220.90	Domino's	DPZ	1.0	31	299.95	-16.68	.78
50.71	21.00	Domtar	UFS	8.5	17	21.39	-6.00	.455
58.32	31.08	Donaldson	DCI	2.3	18	35.87	-8.07	.21
16.20	4.92	DonnelleyFin	DFIN	...	5	5.33	-0.66	...
16.68	5.75	DorianLPG	LPG	...	6	7.25	-1.63	...
56.89	24.12	DouglasDynamics	PLOW	4.1	13	27.26	-9.30	.28
45.59	24.38	DouglasEmmett	DEI	4.4	12	25.53	-9.38	.28
120.26	65.90	Dover	DOV	3.0	14	66.13	-24.62	.49
2.20	1.18	DoverMotorsports	DVD	7.7	9	1.30	-0.07	.10
60.52	21.95	Dow	DOW	10.2	dd	27.44	+1.75	.70
46.19	33.33	DrReddy'sLab	RDY	.7	26	36.85	-2.01	.2822
56.71	23.91	Dril-Quip	DRQ	...	cc	30.39	-1.24	...
5.62	0.86	DriveShack	DS	...	dd	1.35	-0.46	...
57.84	16.27	Ducommun	DCO	...	7	19.13	-11.93	...
103.79	68.10	DukeEnergy	DUK	5.5	13	68.40	-17.37	.945
38.88	25.61	DukeRealty	DRE	3.5	23	26.99	-4.89	.235
83.72	29.06	DuPont	DD	3.8	48	31.47	-5.63	.30
60.55	12.24	DycomInds	DY	...	9	15.98	-4.32	...
2.50	0.98	DynagasLNG	DLNG	.0	dd	1.13	-0.10	.0625
37.07	17.05	Dynatrace	DT	...	dd	22.78	-0.69	...
20.34	7.04	DynexCapital	DX	15.2	dd	11.84	-0.29	.15

E

52-Week High	Low	Name	Tick Sym	Yld	P/E	Last	Chg.	Div Amt.
1.94	0.26	ECA Marcellus	ECT	43.3	1	.33	-0.04	.019
20.00	7.58	elfBeauty	ELF	...	16	8.73	-2.98	...
93.54	41.85	EMCOR	EME	.6	9	49.62	-13.23	.08
36.06	12.10	ENI	E	8.5	cc	15.77	-0.50	.9173
107.89	27.00	EOG Rscs	EOG	4.3	7	34.89	+0.09	.375
248.27	151.97	EPAM Systems	EPAM	...	37	168.07	-23.93	...
80.75	12.56	EPR Prop	EPR	25.4	8	18.05	-15.10	.3825
47.66	7.34	EQM Midstream	EQM	37.4	15	12.35	+0.38	1.16
21.86	4.21	EQT	EQT	1.6	dd	7.45	-2.08	.03
107.10	65.07	ESCO Tech	ESE	.5	24	67.77	-9.25	.08
97.10	43.14	EagleMaterials	EXP	.9	dd	45.12	-19.74	.10
7.94	1.66	EarthstoneEner	ESTE	...	cc	1.81	-0.44	...
26.02	17.20	EasterlyGovtProp	DEA	4.5	cc	23.06	+0.10	.26
142.69	86.59	EastGroup	EGP	3.3	28	89.83	-21.56	.75
86.18	34.44	EastmanChem	EMN	6.5	7	40.81	-5.50	.66
4.78	1.55	EastmanKodak	KODK	...	1	1.59	-0.42	...
105.78	58.72	Eaton	ETN	4.5	12	64.93	-20.63	.73
51.79	25.58	EatonVance	EV	5.4	8	27.80	-4.89	.375
211.24	140.57	Ecolab	ECL	1.3	27	141.88	-38.19	.47
22.70	6.28	Ecopetrol	EC	13.4	4	7.19	-3.64	.3316
45.12	24.39	EdgewellPersonal	EPC	...	dd	24.68	-4.62	...
78.93	43.63	EdisonIntl	EIX	5.4	12	46.86	-6.39	.6375
247.64	162.19	EdwardsLife	EW	...	34	166.45	-19.05	...
26.67	10.70	8x8	EGHT	...	dd	14.17	+0.59	...
74.44	57.07	ElPasoElectric	EE	2.3	22	66.40	-0.94	.385
35.46	15.17	ElancoAnimal	ELAN	...	94	17.50	-4.93	...
57.00	30.73	ElancoAnimalUn	ELAT	7.2	...	34.84	-5.16	.625
104.10	39.01	Elastic	ESTC	...	dd	49.96	-1.56	...
11.29	3.05	EldoradoGold	EGO	...	10	5.15	-0.60	...
12.74	5.35	ElementSolns	ESI	...	21	7.27	-1.18	...
5.98	1.08	ElevateCredit	ELVT	...	2	1.41	-1.06	...
19.12	3.24	EllingtonFin	EFC	26.5	4	6.80	-5.16	.15
12.11	2.70	EllingtonResiMtg	EARN	23.0	3	4.88	-3.31	.28
20.35	9.44	EmbotelAndinaA	AKO.A	4.6	7	10.09	-1.37	.1139
22.99	10.25	EmbotelAndinaB	AKO.B	4.5	7	11.19	-1.87	.1253
20.92	6.58	Embraer	ERJ	...	dd	6.77	-3.18	...
14.37	2.27	EmeraldHldg	EEX	9.5	dd	3.16	-0.69	.075
71.19	39.11	EmergentBiosol	EBS	...	48	49.34	-19.42	...
78.38	38.00	EmersonElec	EMR	4.5	13	44.09	-6.24	.50
16.01	6.92	EmpireStateRealty	ESRT	5.3	29	7.96	-2.00	.105
45.23	31.68	EmployersHldgs	EIG	2.9	7	34.42	-0.55	.25
23.70	2.54	EmpresaDisCom	EDN	...	0	3.21	-0.69	...
14.61	1.61	EnableMidstream	ENBL	63.0	3	2.10	-1.91	.3305
43.15	22.57	Enbridge	ENB	...	13	25.63	-5.30	...
83.30	48.01	EncompassHealth	EHC	2.2	14	50.54	-13.37	.28
56.76	25.02	Endava	DAVA	...	90	29.67	-10.58	...
3.20	0.99	EndeavourSilver	EXK	...	dd	1.17	+0.07	...
11.21	5.22	EnelAmericas	ENIA	6.7	11	5.72	-1.88	.081
5.30	2.95	EnelChile	ENIC	5.3	14	3.16	-0.94	.189
53.84	29.60	Energizer	ENR	3.7	cc	32.61	-7.52	.30
15.87	3.75	EnergyTransfer	ET	23.2	4	5.25	-1.48	.305
27.94	13.28	EnerpacTool	EPAC	.3	dd	15.91	-3.20	.04
9.74	1.26	Enerplus	ERF	6.0	dd	1.42	-0.58	.0075
78.97	35.21	EnerSys	ENS	1.7	11	42.00	-6.11	.175
13.10	0.90	EnLinkMid	ENLC	89.7	dd	1.15	-0.31	.1875
22.21	13.98	Ennis	EBF	5.7	11	15.79	-1.15	.225
31.95	7.84	EnovaIntl	ENVA	...	10	9.99	-6.31	...
75.73	30.04	EnPro	NPO	3.3	17	31.21	-15.92	.26
7.12	1.50	Entercom	ETM	4.6	dd	1.74	-0.61	.02
135.55	77.59	Entergy	ETR	4.7	13	79.99	-22.94	.93
30.87	10.27	EnterpriseProd	EPD	12.1	7	14.56	-0.96	.445
3.52	1.68	Entravision	EVC	9.9	dd	2.02	+0.06	.05
87.75	49.56	Envestnet	ENV	...	dd	50.17	-9.93	...
33.30	10.08	Envista	NVST	...	8	11.94	-7.04	...
39.30	20.63	EnvivaPartners	EVA	10.1	dd	26.22	-3.94	.675
4.85	1.56	EnzoBiochem	ENZ	...	86	2.78	+0.17	...
164.77	105.35	Equifax	EFX	1.5	dd	105.65	-35.06	.39
23.97	8.41	Equinor	EQNR	8.9	17	9.51	-1.10	.26
27.30	10.02	Equitable	EQH	5.6	dd	10.63	-5.52	.15
22.29	3.75	EquitransMdstm	ETRN	33.1	dd	5.43	+0.21	.45
34.95	27.62	EquityCommnwlth	EQC	.0	8	29.48	-0.56	3.50
77.55	41.97	EquityLife	ELS	2.8	32	48.81	-17.86	.3425
89.55	54.62	EquityResdntl	EQR	4.4	21	55.29	-18.32	.6025
1.93	0.89	EquusTotRetum	EQS	...	6	1.01	-0.28	...
12.42	4.15	EraGroup	ERA	...	dd	5.36	-1.31	...
10.47	1.10	ErosIntl	EROS	...	dd	1.63	+0.09	...
55.84	17.52	EssentGroup	ESNT	2.4	5	26.83	-10.81	.16
29.34	6.08	EssentialProp	EPRT	7.2	20	12.69	-5.23	.23
54.52	30.40	EssentialUtil	WTRG	2.7	35	34.92	-3.51	.2343
70.71	45.58	EssentialUtilUn	WTRU	6.6	...	46.04	-5.51	.75
334.17	192.22	EssexProp	ESS	4.2	29	196.33	-79.40	2.0775
220.42	137.01	EsteeLauder	EL	1.3	30	151.00	-21.22	.48
23.11	9.30	EthanAllen	ETH	7.5	12	11.20	-0.44	.21
13.21	7.21	Euronav	EURN	1.4	dd	8.30	-2.19	.06
25.04	5.80	Eventbrite	EB	...	dd	7.50	-1.98	...
98.90	33.25	EvercoreA	EVR	6.5	5	35.75	-13.65	.58
294.31	170.50	EverestRe	RE	3.2	8	194.65	-18.44	1.55
76.57	46.80	Evergy	EVRG	4.3	17	47.18	-11.91	.505
14.88	1.55	Everi	EVRI	...	14	2.92	-4.48	...
99.42	67.42	EversourceEner	ES	3.3	24	68.34	-20.19	.5675
37.38	19.79	Evertec	EVTC	1.0	15	20.57	-5.31	.05
14.79	3.50	EvolentHealth	EVH	...	dd	4.85	-0.63	...
25.23	8.11	EvoquaWater	AQUA	...	17	8.21	-7.68	...
12.51	2.10	ExantasCap	XAN	30.8	4	3.33	-5.44	.275
6.24	1.43	Express	EXPR	...	dd	1.72	-0.44	...
18.20	4.50	Exterran	EXTN	...	dd	5.02	-3.48	...
124.46	77.70	ExtraSpaceSt	EXR	4.5	25	79.72	-16.86	.90
83.49	31.23	ExxonMobil	XOM	10.6	10	32.74	-5.38	.87

F

52-Week High	Low	Name	Tick Sym	Yld	P/E	Last	Chg.	Div Amt.
40.33	14.38	FB Financial	FBK	2.0	7	17.57	-5.44	.09
66.82	29.01	FBL Financial	FFG	6.3	6	31.99	-5.63	1.50
12.46	6.31	FGL Holdings	FG	.5	4	8.51	-2.36	.01
2.97	0.85	FGL Wt	FG.WT	...	...	.23	-0.67	...
108.77	56.77	FMC	FMC	2.7	18	65.32	-22.73	.44
12.93	5.05	FNB	FNB	7.1	6	6.78	-1.79	.12
6.40	2.18	FSKKR Cap	FSK	30.6	5	2.48	-1.57	.19
135.51	72.94	FTI Consulting	FCN	...	20	114.62	-5.78	...
12.37	0.19	FTS Intl	FTSI	...	dd	.24	-0.04	...
71.22	42.33	Fabrinet	FN	...	15	47.78	-5.07	...
310.25	206.92	FactSet	FDS	1.3	23	217.98	-35.09	.72
436.69	177.65	FairIsaac	FICO	...	35	241.43	-62.12	...
8.19	1.43	FangHoldings	SFUN	...	dd	1.80	-0.06	...
11.75	9.86	FarPointAcqnA	FPAC	...	87	9.95	-0.23	...
12.68	9.63	FarPointAcqnUn	FPAC.UT	...	...	10.03	-0.47	...
2.68	0.30	FarPointAcqnWt	FPAC.WT	...	...	.53	-0.27	...
28.06	5.99	Farfetch	FTCH	...	dd	7.27	-1.28	...
7.22	5.05	FarmlandPtrs	FPI	3.3	dd	6.03	-0.18	.05
35.25	10.63	Fastly	FSLY	...	dd	17.71	+3.71	...
76.00	41.26	FedAgriMtg A	AGM.A	7.8	5	41.26	-10.84	.80
88.46	42.79	FedAgriMtg C	AGM	7.4	5	43.02	-13.30	.80
141.35	69.41	FederalRealty	FRT	5.9	16	71.56	-34.14	1.05
35.75	23.53	FederalSignal	FSS	1.2	15	25.73	-3.10	.08
38.26	14.76	FederatedHermes	FHI	6.8	6	15.90	-4.33	.27
199.32	88.69	FedEx	FDX	2.3	7	111.06	+4.43	.65
180.95	127.73	Ferrari	RACE	.8	34	139.56	-2.72	1.1593
20.68	7.97	Ferro	FOE	...	cc	8.54	-0.88	...
16.69	6.00	FiatChrysler	FCAU	...	3	6.35	-3.68	...
49.28	19.00	FidNatlFin	FNF	6.0	6	22.17	-11.99	.33
158.21	91.68	FidNatlInfo	FIS	1.4	cc	102.82	-27.08	.35
72.90	37.92	58.com	WUBA	...	6	45.96	-5.02	...
6.25	1.22	FinVolution	FINV	12.0	1	1.42	-0.25	.12
66.78	29.36	FirstAmerFin	FAF	5.1	6	34.78	-18.93	.44
11.94	3.50	FirstBanCorp	FBP	5.2	5	3.86	-2.89	.05
14.93	8.21	FirstCmwlthFin	FCF	5.0	8	8.79	-1.18	.11
17.42	6.27	FirstHorizonNatl	FHN	7.8	6	7.72	-2.22	.15
46.12	26.67	FirstIndRlty	FR	3.6	15	27.74	-6.85	.25
12.69	4.17	FirstMajestic	AG	...	dd	5.51	+0.51	...
122.34	77.56	FirstRepBank	FRC	1.0	15	79.57	-17.24	.19
52.52	32.91	FirstEnergy	FE	4.6	22	34.28	-6.96	.39
7.26	2.81	Fitbit	FIT	...	dd	6.15	-0.24	...
14.53	3.56	500.com	WBAI	...	dd	3.56	-1.54	...
9.40	3.62	FivePoint	FPH	...	73	4.13	-1.74	...
44.25	17.11	FiverrIntl	FVRR	...	dd	21.69	-4.31	...
40.00	17.67	Flagstar	FBC	1.1	5	18.80	-8.93	.05
329.85	169.24	FleetCorTech	FLT	...	19	187.03	-48.43	...
14.60	3.40	FlexLNG	FLNG	9.8	13	4.07	-0.93	.10
62.62	24.36	Floor&Decor	FND	...	20	28.57	-11.49	...
4.01	0.70	FlotekIndustries	FTK	...	dd	.91	-0.19	...
25.08	19.66	FlowersFoods	FLO	3.6	28	21.40	-1.21	.19
54.16	19.52	Flowserve	FLS	3.9	11	20.43	-5.29	.20
41.91	2.85	Fluor	FLR	7.1	dd	5.63	-1.35	.10
23.21	3.41	FlyLeasing	FLY	...	1	4.10	-6.10	...
10.48	9.60	FlyingEagleAcqn	FEAC.UT	...	...	9.78	-0.27	...
100.35	56.54	FomentoEconMex	FMX	2.5	16	59.77	-13.30	.7559
65.04	20.10	FootLocker	FL	7.9	4	20.22	-2.91	.40
10.56	4.10	FordMotor	F	13.9	cc	4.33	-1.30	.15
23.11	9.75	Forestar	FOR	...	12	12.23	-1.80	...
44.72	29.73	Fortis	FTS	4.5	11	31.85	-5.95	.3593
89.48	37.31	Fortive	FTV	.6	23	45.58	-14.15	.07
21.73	3.69	FortressTransport	FTAI	17.6	3	7.52	-2.26	.33
4.59	1.47	FortunaSilver	FSM	...	15	2.26	+0.46	...
73.28	34.13	FortBrandsHome	FBHS	2.6	12	36.60	-12.00	.24
6.62	0.18	ForumEnergyTech	FET	...	dd	.20	-0.23	...
22.14	8.51	FdnBuilding	FBM	...	10	9.80	-2.30	...
32.50	13.77	FourCornersProp	FCPT	8.5	14	14.42	-9.62	.305
2.43	1.08	FourSeasonsEduc	FEDU	...	54	1.16	-0.09	...
122.65	69.16	Franco-Nevada	FNV	1.1	51	93.88	+5.90	.25
6.72	1.66	Frank'sIntl	FI	...	dd	3.56	+0.58	...
41.85	13.05	FranklinCovey	FC	...	dd	15.42	-7.65	...
39.00	14.86	FranklinFin	FSB	1.3	19	18.50	-6.17	.06
35.82	15.30	FranklinRscs	BEN	6.4	7	16.90	-1.21	.27
14.68	4.82	FreeportMcM	FCX	3.6	dd	5.52	-2.01	.05
42.75	29.17	FreseniusMed	FMS	1.5	12	29.21	-4.97	.6522
38.79	22.98	FreshDelMonte	FDP	1.2	25	34.31	+6.95	.10
13.28	8.51	FrontYardRes	RESI	6.2	dd	9.65	-2.82	.15
13.33	6.09	Frontline	FRO	25.1	9	6.38	-2.97	.40
52.40	23.68	FullerHB	FUL	2.3	11	28.21	-3.89	.16
14.81	8.75	FutureFuel	FF	2.4	5	9.90	-0.35	.06

G

52-Week High	Low	Name	Tick Sym	Yld	P/E	Last	Chg.	Div Amt.
6.60	3.30	GAIN Capital	GCAP	5.1	dd	4.75	-1.14	.06
22.81	11.01	GAMCO Investors	GBL	.7	4	12.20	-3.30	.02
86.01	50.78	GATX	GATX	3.5	9	54.89	-10.08	.48
30.02	16.28	GCPAppliedTechs	GCP	...	34	18.17	-1.25	...
24.03	10.53	GEO Group	GEO	16.4	8	11.69	-1.05	.48
17.95	14.14	GFLEnvironmental	GFL	...	...	15.69	-1.01	...
49.11	40.60	GFL Env Un	GFLU	6.9	...	45.68	-0.97	.75
32.42	10.39	GMS	GMS	...	6	11.71	-4.20	...
4.83	0.38	GNC Holdings	GNC	...	1	.46	-0.62	...
23.30	1.85	GOL Linhas	GOL	...	dd	2.79	-2.00	...
16.68	5.80	GP Strategies	GPX	...	7	6.41	-0.84	...
46.40	8.53	GSXTechedu	GSX	...	cc	39.93	+0.74	...
43.35	4.67	GTT Comm	GTT	...	dd	8.76	-0.18	...
10.34	9.20	GalileoAcqn	GLEO	...	...	9.25	-0.54	...
10.48	9.75	GalileoAcquisition	GLEO.UT	...	...	9.80	-0.20	...
0.83	0.30	GalileoAcqnWt	GLEO.WT	...	...	.30	-0.07	...
109.46	65.09	Gallagher	AJG	2.5	20	71.58	-18.48	.45
10.66	3.15	GameStop	GME	...	dd	3.76	-0.83	...
11.94	1.06	Gannett	GCI	94.4	dd	1.61	-1.81	.38
27.00	6.79	Gap	GPS	13.4	8	7.22	-3.59	.2425
19.71	2.50	GarrettMotion	GTX	...	1	2.87	-1.68	...
171.78	76.91	Gartner	IT	...	32	83.24	-23.07	...
17.87	3.00	GasLog	GLOG	16.2	dd	3.71	-0.33	.15
23.00	1.51	GasLogPartners	GLOP	116.4	dd	1.90	-0.39	.561
16.61	5.42	GatesIndustrial	GTES	...	3	6.76	-1.20	...
11.82	4.27	GencoShipping	GNK	14.4	dd	4.85	-0.85	.175
118.86	49.41	Generac	GNRC	...	21	84.78	-14.73	...
193.76	110.02	GeneralDynamics	GD	3.9	10	113.99	-25.65	1.10
13.26	5.90	GeneralElec	GE	.6	88	6.52	-1.33	.01
60.00	46.59	GeneralMills	GIS	3.7	15	53.37	-0.11	.49
41.90	14.33	GeneralMotors	GM	8.4	4	18.14	-6.57	.38
53.20	5.52	Genesco	GCO	...	3	11.73	-10.37	...
23.92	2.58	GenesisEnergy	GEL	52.3	24	4.21	-2.03	.55
1.86	0.73	GenesisHealthcare	GEN	...	27	.79	-0.36	...
11.98	4.60	GenieEnergy	GNE	4.6	74	6.57	+0.67	.075
45.20	19.41	Genpact	G	1.6	16	25.11	-7.87	.0975
115.20	55.02	GenuineParts	GPC	5.7	13	55.35	-23.92	.79
4.93	2.89	GenworthFin	GNW	...	5	3.24	-0.88	...
22.53	5.44	GeoPark	GPRK	2.8	6	5.84	-4.09	.0413
5.34	1.68	Gerdau	GGB	2.5	8	1.84	-0.75	.0168
33.75	16.36	GettyRealty	GTY	8.1	15	18.34	-5.56	.37
10.07	9.60	GigCapital2	GIX	...	...	9.66	-0.16	...
0.40	0.10	GigCapital2Rt	GIX.RT	...	...	.22	-0.01	...
10.92	10.00	GigCapital2Un	GIX.UT	...	...	10.34	-0.10	...
0.50	0.10	GigCapital2Wt	GIX.WT	...	...	.31	...	...
40.40	9.78	Gildan	GIL	6.1	8	10.14	-6.66	.154
19.03	9.70	Glatfelter	GLT	4.9	dd	10.64	-0.76	.13
84.65	24.17	Glaukos	GKOS	...	96	25.53	-14.72	...
48.25	32.82	GSK	GSK	6.0	14	33.34	-4.51	.4998
7.69	3.26	GlobalCordBlood	CO	...	6	3.39	-0.66	...
15.95	6.98	GlobalMedREIT	GMRE	8.4	96	9.47	-1.28	.20
21.71	8.77	GlobalNetLease	GNL	17.3	31	12.31	-2.46	.5325
21.62	6.30	GlobalPtnrs	GLP	20.9	12	9.91	-1.81	.525
209.62	116.24	GlobalPayments	GPN	.7	51	119.00	-53.99	.195
9.25	2.61	GlobalShipLease	GSL	...	1	3.10	-1.19	...
141.67	68.34	Globant	GLOB	...	52	74.09	-27.66	...
111.43	60.73	GlobeLife	GL	1.2	9	61.41	-10.17	.1875
60.15	33.41	GlobusMedical	GMED	...	26	40.16	+2.95	...
82.30	40.25	GoDaddy	GDDY	...	64	48.71	-6.24	...
7.90	3.57	GoldFields	GFI	2.1	21	4.00	-0.07	.0406
22.50	8.00	GoldmanSachsBDC	GSBD	17.2	12	10.49	-4.06	.45
250.46	130.85	GoldmanSachs	GS	3.6	7	138.41	-38.76	1.25
39.60	21.49	Gorman-Rupp	GRC	2.4	18	24.42	-3.57	.145
79.71	26.75	GraceWR	GRA	3.8	17	31.80	-10.05	.30
56.99	39.17	Graco	GGG	1.7	21	41.18	-5.44	.175
10.44	9.82	GrafIndustrial	GRAF	...	dd	10.13	-0.03	...
10.85	10.04	GrafIndustrial	GRAF.UT	...	...	10.31	...	...
0.50	0.10	GrafIndlWt	GRAF.WT	...	...	.15	-0.08	...
14.84	5.71	GrafTechIntl	EAF	4.9	3	6.98	+0.48	.085
23.77	11.07	Graham	GHM	3.3	dd	13.53	+1.49	.11
756.26	267.89	GrahamHoldings	GHC	1.8	5	317.12	-113.20	1.45
346.60	212.01	Grainger	GWW	2.7	14	213.78	-52.24	1.44
3.90	1.46	GranayMontero	GRAM	...	dd	1.50	-0.59	...
48.80	8.50	GraniteConstr	GVA	4.3	dd	12.14	-0.58	.13
19.39	1.74	GranitePointMtg	GPMT	39.4	3	4.26	-8.14	.42
56.68	29.22	GraniteREIT	GRP.UT	6.0	6	34.65	-8.38	.1705
16.95	10.83	GraphicPkg	GPK	2.7	16	10.94	-2.04	.075
25.31	8.53	GrayTelevision	GTN	...	8	9.84	-2.39	...
23.30	8.55	GrayTelevision A	GTN.A	...	8	9.86	-1.33	...
15.96	4.11	GreatAjax	AJX	20.9	4	6.11	-4.98	.32
36.65	18.23	GreatWesternBncp	GWB	6.2	7	19.40	-3.40	.30
66.81	14.20	GreenDot	GDOT	...	10	18.61	-9.56	...
36.41	13.34	Greenbrier	GBX	7.3	8	14.81	-3.93	.27
24.59	7.28	Greenhill	GHL	2.0	19	9.80	+0.70	.05
15.99	9.38	GreenTree	GHG	...	19	11.23	-0.32	...
50.37	23.65	Greif A	GEF	6.6	9	26.52	-1.53	.44
56.50	30.89	Greif B	GEF.B	7.3	8	36.09	-0.54	.66
25.50	9.75	Griffon	GFF	3.1	11	9.82	-3.16	.075
110.11	26.26	Group1Auto	GPI	2.9	5	41.75	-9.99	.30
80.25	31.50	GrubHub	GRUB	...	dd	31.71	-6.16	...
135.31	45.02	GpoAeroportuar	PAC	8.1	12	47.78	-31.54	2.1253
210.38	82.40	GpoAeroportSur	ASR	5.5	9	84.96	-49.95	5.2097
8.92	3.50	GpoAvalAcc	AVAL	10.0	12	3.59	-2.36	.0295
9.03	1.33	GpoSupervielle	SUPV	4.4	2	1.46	-0.23	.0731
12.61	5.15	GrupoTelevisa	TV	1.4	23	5.48	-1.07	.0886
22.31	10.11	GuangshenRail	GSH	3.5	61	10.66	-1.09	.4348
23.58	3.64	Guess	GES	6.4	5	7.04	-2.47	.1125
124.16	72.40	Guidewire	GWRE	...	dd	81.77	+0.94	...

H

52-Week High	Low	Name	Tick Sym	Yld	P/E	Last	Chg.	Div Amt.
151.97	58.38	HCA Healthcare	HCA	2.2	8	78.50	-25.78	.43
48.24	33.00	HCI Group	HCI	4.7	10	33.80	-4.49	.40
4.33	1.39	HC2 Holdings	HCHC	...	dd	1.47	-1.21	...
65.89	35.07	HDFC Bank	HDB	.9	18	35.78	-11.89	.1053
8.40	0.35	HEXO	HEXO	...	dd	.65	-0.13	...
42.90	16.61	HNI	HNI	5.6	9	21.82	-2.93	.305
23.93	12.54	HP	HPQ	5.1	7	13.95	-3.23	.1762
44.93	26.83	HSBC	HSBC	8.8	20	28.81	-1.09	1.05
29.45	11.78	HUYA	HUYA	...	46	13.36	-2.04	...
140.36	63.41	Haemonetic	HAE	...	53	81.52	-11.68	...
32.30	4.25	Halliburton	HAL	14.3	dd	5.05	-2.10	.18
23.25	6.93	HamiltonBeach	HBB	4.6	dd	7.77	-2.92	.09
19.10	7.89	Hanesbrands	HBI	6.7	5	8.98	-0.70	.15
28.16	11.31	Hanger	HNGR	...	18	13.00	-5.70	...
39.91	15.01	HannonArmstrong	HASI	7.8	15	17.47	-7.38	.34
144.71	75.11	HanoverIns	THG	3.1	8	85.04	-17.99	.65
41.40	16.04	HarleyDavidson	HOG	9.4	6	16.22	-7.50	.38
4.54	1.57	HarmonyGold	HMY	...	dd	1.93	-0.53	...
27.97	4.19	Harsco	HSC	...	dd	6.26	-1.05	...
3.97	1.65	HarteHanks	HHS	...	dd	1.75	-1.10	...
62.75	19.04	HartfordFinl	HIG	4.2	6	31.27	-11.25	.325
25.09	11.37	HavertyFurn	HVT	6.6	12	12.12	-2.66	.20
24.56	11.61	HavertyFurn A	HVT.A	6.5	12	11.65	-2.70	.19
55.15	38.25	HawaiianElec	HE	3.3	20	39.47	-4.22	.33
37.97	24.98	HealthcareRealty	HR	4.7	89	25.39	-8.61	.30
34.22	21.56	HealthcareAmer	HTA	5.7	cc	21.96	-8.11	.315
37.93	18.63	HealthpeakProp	PEAK	7.1	cc	20.96	-7.90	.37
3.51	1.21	HeclaMining	HL	.6	dd	1.65	-0.03	.0025
147.93	52.08	Heico	HEI	.2	26	70.20	-14.12	.08
113.69	51.78	Heico A	HEI.A	.2	24	63.39	-15.66	.08
10.00	1.30	HelixEnergy	HLX	...	4	1.56	-0.57	...
64.80	12.40	Helm&Payne	HP	21.6	dd	13.16	-4.35	.71
56.38	20.73	Herbalife	HLF	...	13	28.23	+0.26	...
50.81	11.81	HercHoldings	HRI	...	8	13.70	-10.08	...
16.40	5.42	HerculesCapital	HTGC	16.1	5	7.97	-2.60	.08
16.38	7.50	HeritageInsurance	HRTG	2.5	10	9.50	-0.93	.06
5.00	0.31	HermitageOffsh	PSV	...	dd	.37	-0.20	...
19.58	2.29	HershaHospitality	HT	42.9	dd	2.61	-2.71	.28
162.20	111.52	Hershey	HSY	2.6	22	117.73	-22.11	.773
20.85	3.18	HertzGlobal	HTZ	...	dd	5.14	-3.10	...
74.11	26.06	Hess	HES	3.3	dd	30.69	-4.23	.25
25.66	5.70	HessMidstream	HESM	18.3	5	8.86	-1.85	.4258
17.59	7.43	HewlettPackard	HPE	5.6	10	8.63	-1.23	.12
87.00	28.05	Hexcel	HXL	2.1	9	32.01	-18.71	.17
4.94	0.15	Hi-Crush	HCR	...	dd	.28	-0.05	...
3.11	0.16	HighPointRscs	HPR	...	dd	.26	+0.01	...
52.76	26.39	HighwoodsProp	HIW	6.8	22	28.17	-12.26	.48
3.72	1.08	Hilltnl	HIL	...	dd	1.30	-0.86	...
117.10	79.82	Hill-Rom	HRC	1.1	36	80.71	-8.55	.22
43.45	13.61	Hillenbrand	HI	5.1	12	16.51	-1.51	.2125
26.28	11.05	Hilltop	HTH	2.7	5	13.32	-5.33	.09
36.56	8.28	HiltonGrandVac	HGV	...	6	13.42	-5.60	...
115.48	44.30	Hilton	HLT	1.0	20	61.60	-17.03	.15
19.98	4.67	HoeghLNG Ptrs	HMLP	33.7	4	5.22	-3.53	.44
30.61	6.57	HollyEnergy	HEP	20.0	6	13.42	+1.08	.6725
58.88	18.80	HollyFrontier	HFC	6.3	5	22.28	-0.38	.35
247.36	140.63	HomeDepot	HD	3.9	15	152.15	-53.52	1.50
29.44	19.97	HondaMotor	HMC	4.2	8	20.74	-1.24	.251
184.06	101.10	Honeywell	HON	3.2	13	112.50	-36.91	.90
48.15	31.04	HoraceMannEdu	HMN	3.6	8	33.28	-5.54	.30
5.79	1.20	HorizonGlobal	HZN	...	dd	1.22	-1.04	...
51.53	37.00	HormelFoods	HRL	2.1	25	45.12	+2.72	.2325
62.54	25.51	DR Horton	DHI	2.2	7	31.38	-7.92	.175
19.99	7.86	HostHotels	HST	7.5	8	10.64	-0.77	.20
59.36	41.80	HoulihanLokey	HLI	2.5	19	48.73	-0.17	.31
32.90	5.12	Hovnanian	HOV	...	dd	7.82	-2.08	...
135.42	39.38	HowardHughes	HHC	...	24	40.42	-42.69	...
16.82	7.27	Huami	HMI	...	10	13.00	-1.00	...
25.84	11.69	HuanengPower	HNP	4.1	9	12.58	-2.09	.5964
155.00	91.25	Hubbell	HUBB	3.8	13	96.58	-22.56	.91
207.98	90.84	HubSpot	HUBS	...	dd	117.79	-16.63	...
7.83	1.23	HudbayMinerals	HBM	1.1	dd	1.39	-0.34	.0075
16.95	2.26	Hudson	HUD	...	41	3.56	-0.29	...
38.81	17.78	HudsonPacProp	HPP	5.6	67	17.99	-8.91	.25

New York Stock Exchange Composite List

52-Week High	52-Week Low	Name	Tick Sym	Yld	P/E	Last	Chg.	Div Amt.
385.00	225.65	Humana	HUM	1.1	11	230.61	–83.30	.625
3.62	1.07	HuntCosFin	HCFT	21.1	13	1.42	–0.75	.075
279.71	148.48	HuntingIngalls	HII	2.6	12	159.32	–19.30	1.03
25.66	12.23	Huntsman	HUN	5.0	5	13.00	–2.64	.1625
94.98	24.02	HyattHotels	H	1.7	6	46.72	–8.33	.20
68.57	33.01	HysterYaleMatls	HY	3.7	16	34.36	–6.21	.3175

I

52-Week High	52-Week Low	Name	Tick Sym	Yld	P/E	Last	Chg.	Div Amt.
51.74	21.79	IAA	IAA	...	19	27.31	–7.65	...
15.42	7.84	ICICI Bank	IBN	.4	20	8.02	–3.36	.0282
114.01	73.34	IDACORP	IDA	3.6	16	74.96	–14.75	.67
11.84	4.81	IDT	IDT	...	cc	5.20	–0.63	...
81.65	47.75	IHS Markit	INFO	1.4	39	47.88	–8.09	.17
13.72	4.52	ING Groep	ING	12.2	3	5.04	–1.11	.2687
22.18	8.17	Invesco	IVZ	14.5	7	8.55	–2.25	.31
16.94	1.13	IONGeophysical	IO	...	dd	1.54	–0.47	...
169.14	81.79	IQVIA	IQV	...	96	91.67	–27.04	...
12.10	3.13	IRSA	IRS	...	dd	3.13	–1.28	...
75.56	36.00	ITT	ITT	1.8	11	38.61	–8.44	.169
4.17	1.44	IamGold	IAG	...	dd	2.00	+0.12	...
178.14	104.56	IDEX	IEX	1.7	21	116.48	–14.37	.50
190.85	123.89	IllinoisToolWks	ITW	3.4	16	125.78	–30.67	1.07
25.75	6.01	Imax	IMAX	...	14	10.58	–0.52	...
64.40	1.08	IndependenceContr	ICD	...	dd	1.31	+0.10	...
43.60	22.48	Independence	IHC	1.6	33	27.01	–7.27	.22
16.85	8.62	IndepRealty	IRT	8.2	17	8.76	–3.62	.18
57.00	28.04	IndustrsBachoco	IBA	2.9	8	29.63	–4.96	.439
12.08	6.86	Infosys	INFY	3.5	13	6.94	–1.44	.1125
38.96	17.01	IngersollRand	IR	...	26	19.61	–3.39	...
116.88	24.92	Ingevity	NGVT	...	6	28.16	–9.67	...
99.51	59.11	Ingredion	INGR	3.8	11	66.25	–6.90	.63
139.53	40.21	InnovativeIndProp	IIPR	5.7	30	59.78	–11.75	1.00
93.58	39.34	Inphi	IPHI	...	dd	58.59	–14.38	...
144.92	22.59	Insperity	NSP	5.2	8	30.95	–20.49	.40
95.00	40.79	InspireMedical	INSP	...	dd	45.85	–19.45	...
80.25	29.02	InstalledBldg	IBP	...	16	36.34	–10.35	...
54.31	37.06	Instructure	INST	...	dd	48.79	–0.01	...
99.95	50.92	IntegerHoldings	ITGR	...	18	51.12	–24.74	...
27.29	1.51	Intelsat	I	...	dd	2.06	–0.31	...
101.93	64.11	ICE	ICE	1.6	21	72.99	–10.13	.30
71.02	25.39	InterContinentl	IHG	4.0	15	30.74	–13.88	.859
47.46	23.22	IntercorpFinSvcs	IFS	...	7	25.00	–11.11	...
158.75	94.71	IBM	IBM	6.8	9	95.39	–12.56	1.62
152.95	94.98	IntlFlavors	IFF	2.9	26	102.41	–6.61	.75
56.11	31.38	IntlFlavorsUn	IFFT	8.1	...	37.20	–3.47	.75
16.25	3.59	IntlGameTech	IGT	17.6	dd	4.54	–1.87	.20
47.96	28.20	IntlPaper	IP	6.9	10	29.51	–3.93	.5125
31.39	14.89	IntlSeaways	INSW	1.4	dd	17.43	–6.01	.06
9.90	9.28	InterPrivate	IPV	...	...	9.42	–0.28	...
10.27	9.30	InterPrivate	IPV.U	...	...	9.52	–0.48	...
0.74	0.55	InterPrivateWt	IPV.WT	...	...	.63	–0.07	...
25.20	12.20	Interpublic	IPG	8.1	7	12.52	–4.59	.255
3.97	0.76	IntrepidPotash	IPI	...	9	.98	–0.17	...
11.63	3.90	Invacare	IVC	1.1	dd	4.58	–1.11	.0125
18.30	2.75	InvescoMtg	IVR	36.0	2	5.56	–5.94	.50
85.24	53.61	InvRlEst	IRET	5.1	9	55.12	–16.35	.70
28.75	7.42	Invitae	NVTA	...	dd	10.15	–2.08	...
32.70	16.87	InvitatHomes	INVH	3.5	cc	17.19	–9.86	.15
36.65	22.43	IronMountain	IRM	10.9	24	22.71	–6.28	.6185
5.57	2.68	IsraelChemicals	ICL	5.7	9	3.21	+0.26	.018
17.50	5.48	iStar	STAR	5.6	2	7.18	–5.95	.10
13.75	3.50	ItauCorpBanca	ITCB	...	6	3.75	–1.55	...
10.01	4.10	ItauUnibanco	ITUB	3.1	6	4.38	–1.11	.0032

J

52-Week High	52-Week Low	Name	Tick Sym	Yld	P/E	Last	Chg.	Div Amt.
12.01	3.03	J Alexander's	JAX	...	6	3.59	–0.43	...
43.21	26.02	JBG SMITH Prop	JBGS	3.4	54	26.35	–7.45	.225
27.00	6.06	JELD-WEN	JELD	...	14	8.49	–4.42	...
5.63	0.50	J.Jill	JILL	...	dd	.63	+0.03	...
4.14	2.29	JMP	JMP	6.3	dd	2.53	–0.39	.04
141.10	76.91	JPMorganChase	JPM	4.3	8	83.50	–20.41	.90
44.20	17.63	Jabil	JBL	1.7	22	18.49	–6.34	.08
104.00	65.13	JacobsEngg	J	1.2	dd	65.65	–21.11	.19
22.13	8.98	JamesHardie	JHX	3.3	19	10.33	–4.55	.10
27.50	13.37	JanusHenderson	JHG	10.2	6	14.05	–2.17	.36
24.03	12.31	JefferiesFin	JEF	4.9	4	12.34	–4.28	.125
22.20	10.57	JerniganCap	JCAP	8.6	10	10.67	–4.03	.23
5.35	0.72	JianpuTech	JT	...	dd	1.00	+0.07	...
28.84	11.42	JinkoSolar	JKS	...	5	13.32	–4.09	...
127.97	56.54	JohnBeanTech	JBT	.6	16	63.38	–12.96	.10
154.50	118.13	J&J	JNJ	3.2	21	119.89	–14.40	.95
44.82	23.96	JohnsonControls	JCI	4.2	64	24.91	–7.90	.26
178.55	86.18	JonesLang	JLL	1.0	8	89.46	–44.67	.43
27.80	15.32	JumeiIntl	JMEI	...	...	18.09	–0.83	...
49.77	2.15	JumiaTech	JMIA	...	...	2.33	–0.50	...
10.59	9.50	JuniperIndustrial	JIH.UT	...	...	9.93	–0.12	...
10.23	9.10	JuniperIndlA	JIH	...	...	9.35	–0.25	...
1.10	0.50	JuniperIndlWt	JIH.WT	...	...	.58	–0.16	...
28.77	15.20	JuniperNetworks	JNPR	4.5	18	17.64	–2.66	.20
4.80	0.98	JupaiHoldings	JP	...	dd	1.01	–0.04	...
4.42	0.35	JustEnergy	JE	...	dd	.38	–0.20	...

K

52-Week High	52-Week Low	Name	Tick Sym	Yld	P/E	Last	Chg.	Div Amt.
28.61	11.81	KAR Auction	KAR	6.3	9	12.08	–5.50	.19
42.90	21.16	KB Fin	KB	6.1	3	22.54	–5.51	1.6631
40.51	9.82	KB Home	KBH	3.0	4	12.10	–10.90	.09
31.92	12.00	KBR	KBR	2.8	10	14.31	–3.86	.10
34.14	15.55	KKR	KKR	2.6	5	19.07	–6.28	.125
22.03	6.84	KKR RealEstFin	KREF	17.3	6	9.94	–6.41	.43
13.07	6.66	KT	KT	...	7	7.29	–1.30	...
37.43	15.50	K12	LRN	...	21	16.21	–7.73	...
114.05	52.71	Kadant	KAI	1.6	14	61.54	–12.61	.24
5.50	1.63	Kadmon	KDMN	...	dd	3.01	–0.19	...
1.59	0.17	KaleyraWt	KLR.WT	...	...	.85	...	...
68.24	32.51	Kaman	KAMN	2.4	11	33.23	–6.72	.20
178.59	92.86	KSCitySouthern	KSU	1.5	20	108.52	–19.09	.40
71.05	51.34	Kellogg	K	4.1	20	55.81	–7.85	.57
27.61	15.87	Kemet	KEM	.9	10	21.97	–1.46	.05
91.98	55.90	Kemper	KMPR	2.0	7	58.65	–16.66	.30
42.03	15.50	Kennametal	KMT	5.1	10	15.75	–3.97	.20
23.50	12.02	KennedyWilson	KW	7.1	8	12.44	–4.57	.22
23.05	10.56	KenonHoldings	KEN	24.2	dd	12.70	+0.40	1.21
32.00	18.98	KeurigDrPepper	KDP	2.5	27	23.53	+0.06	.15
20.53	7.45	KeyCorp	KEY	8.1	6	9.19	–3.54	.185
110.00	71.03	KeysightTechs	KEYS	...	24	83.09	–8.94	...
88.99	49.15	KilroyRealty	KRC	3.8	28	51.23	–17.76	.485
18.79	3.90	KimbellRoyalty	KRP	37.1	dd	4.21	–3.45	.38
149.23	117.65	KimberlyClark	KMB	3.6	19	118.28	–15.90	1.07
21.86	9.01	KimcoRealty	KIM	10.5	13	10.63	–2.59	.28
22.58	9.42	KinderMorgan	KMI	8.1	13	12.35	–2.43	.25
3.21	1.53	KingswayFin	KFS	...	...	2.08	–0.18	...
6.27	2.72	KinrossGold	KGC	...	6	3.61	+0.14	...
92.30	32.76	Kirby	KEX	...	15	36.53	–7.68	...
51.08	18.02	KirklandLakeGold	KL	2.0	10	25.51	+2.41	.06
19.77	7.85	KiteRealty	KRG	13.2	dd	9.62	–3.95	.3175
40.46	27.03	Knight-Swift	KNX	1.1	17	30.36	–0.63	.08
28.30	8.30	Knoll	KNL	7.6	7	8.99	–3.93	.17
20.97	8.67	KnotOffshore	KNOP	21.9	...	9.48	–2.63	.52
22.79	11.10	Knowles	KN	...	23	11.95	–2.10	...
75.91	13.98	Kohl's	KSS	17.8	4	15.85	–8.94	.704
50.78	30.50	KoninklijkePhil	PHG	2.4	21	32.87	–2.80	.9356
43.24	24.01	KontoorBrands	KTB	8.5	16	26.46	–1.21	.56
44.75	8.99	Koppers	KOP	...	3	9.50	–4.59	...
13.97	6.28	KoreaElcPwr	KEP	...	dd	6.34	–2.09	...
48.81	23.25	KornFerry	KFY	1.7	8	23.60	–3.69	.10
7.55	0.50	KosmosEnergy	KOS	29.7	dd	.61	–0.51	.0452
38.58	5.31	Kraton	KRA	...	4	6.05	–0.79	...
36.84	20.70	Kroger	KR	2.0	15	31.77	+1.06	.16
16.00	6.81	KronosWorldwide	KRO	8.8	11	8.20	+0.50	.18

L

52-Week High	52-Week Low	Name	Tick Sym	Yld	P/E	Last	Chg.	Div Amt.
12.04	2.01	LAIX	LAIX	...	dd	3.10	–0.69	...
12.16	1.75	LatamAirlines	LTM	1.8	7	2.23	–2.70	.0885
29.02	8.00	L Brands	LB	12.3	dd	9.78	–6.34	.30
116.51	58.02	LCI Inds	LCII	4.4	10	58.70	–24.92	.65
9.81	3.64	LG Display	LPL	...	dd	4.01	–0.99	...
10.71	9.65	LGL Systems Un	DFNS.UT	...	...	9.87	–0.38	...
51.97	27.04	Line	LN	...	dd	45.36	–1.24	...
7.19	1.50	LSB Inds	LXU	...	dd	1.70	–0.08	...
53.04	24.49	LTC Properties	LTC	8.3	14	27.50	–6.09	.19
230.99	149.21	L3HarrisTech	LHX	2.2	19	154.04	–23.59	.85
37.48	15.61	La-Z-Boy	LZB	3.2	11	17.43	–5.79	.14
196.36	98.02	LabCpAm	LH	...	13	107.24	–43.78	...
18.97	2.65	LadderCapital	LADR	30.2	4	4.51	–6.93	.34
96.32	39.06	LambWeston	LW	1.9	14	47.63	–16.22	.23
15.52	5.16	Lannett	LCI	...	dd	7.33	+0.66	...
3.66	0.36	LaredoPetrol	LPI	...	dd	.41	–0.33	...
74.29	33.30	LasVegasSands	LVS	7.3	12	43.31	–5.70	.79
44.95	22.36	Lazard	LAZ	8.4	9	22.50	–5.87	.47
9.19	1.06	Leaf	LEAF	...	dd	1.62	–0.85	...
159.14	63.20	Lear	LEA	4.1	6	75.78	–22.16	.77
3.50	0.93	LeeEnterprises	LEE	...	6	1.00	–0.01	...
10.50	9.50	LegacyAcqn	LGC	...	cc	10.25	–0.05	...
11.10	10.25	LegacyAcqnUn	LGC.UT	...	...	10.40	–0.30	...
0.60	0.22	LegacyAcqnWt	LGC.WT	...	...	.34	–0.23	...
50.70	26.36	LeggMason	LM	3.4	18	46.63	–2.41	.40
55.42	22.11	Leggett&Platt	LEG	6.7	10	23.84	–8.60	.40
125.84	62.14	Leidos	LDOS	1.9	16	72.51	–17.80	.34
2.69	1.03	LejuHoldings	LEJU	...	26	1.59	–0.14	...
18.85	7.10	LendingClub	LC	...	dd	8.72	–0.31	...
71.38	25.42	Lennar A	LEN	1.5	5	34.08	–11.60	.125
56.32	18.87	Lennar B	LEN.B	2.0	4	25.28	–10.39	.125
298.49	168.98	LennoxIntl	LII	1.7	17	181.79	–30.03	.77
10.79	9.22	LeoHoldings	LHC	...	dd	10.10	–0.10	...
15.75	10.25	LeoUn	LHC.UT	...	cc	12.64	+1.26	...
1.70	0.20	LeoHldgsWt	LHC.WT	...	...	.29	–0.35	...
24.50	11.40	LeviStrauss	LEVI	4.0	12	11.46	–2.96	.08
11.82	8.29	LexingtonRealty	LXP	4.8	8	8.68	–1.08	.105
17.67	2.17	LibertyOilfield	LBRT	8.3	6	2.41	–0.57	.05
119.61	73.12	LifeStorage	LSI	5.7	13	74.49	–27.54	1.07
1.81	0.70	LightInTheBox	LITB	...	dd	.74	–0.22	...
147.87	101.36	EliLilly	LLY	2.4	24	122.40	–16.97	.74
67.52	16.95	LincolnNational	LNC	9.4	4	17.06	–11.80	.40
227.85	146.71	Linde	LIN	2.5	36	151.30	–25.20	.963
111.76	71.86	Lindsay	LNN	1.4	cc	88.50	+6.40	.31
9.60	2.95	Linx	LINX	...	50	3.71	–0.62	...
17.39	4.18	LionsGate A	LGF.A	...	dd	6.87	+1.54	...
16.55	3.87	LionsGate B	LGF.B	...	dd	6.44	+1.40	...
165.27	55.74	LithiaMotors	LAD	1.8	6	65.70	–29.70	.30
6.03	1.92	LithiumAmericas	LAC	...	4	2.14	–1.15	...
76.60	21.70	LiveNationEnt	LYV	...	dd	33.97	–8.88	...
13.60	4.79	Livent	LTHM	...	14	4.95	–1.41	...
61.69	23.44	LiveRamp	RAMP	...	dd	28.48	–0.59	...
3.58	1.39	LloydsBanking	LYG	11.8	8	1.39	–0.54	.0556
442.53	285.00	LockheedMartin	LMT	3.3	13	291.22	–37.37	2.40
56.88	30.87	Loews	L	.8	10	31.26	–5.75	.0625
12.90	3.01	LomaNegra	LOMA	...	6	3.43	–1.03	...
34.35	12.97	LouisianaPacific	LPX	4.1	dd	14.29	–6.42	.145
126.73	60.00	Lowe's	LOW	3.3	12	66.36	–30.13	.55
2.65	0.50	Luby's	LUB	...	dd	.56	–0.72	...
14.44	3.77	LumberLiqu	LL	...	12	4.16	–1.74	...
26.25	10.27	Luxfer	LXFR	4.0	cc	12.64	+0.42	.125
26.99	5.06	Lydall	LDL	...	dd	5.09	–4.08	...
98.91	33.71	LyondellBasell	LYB	10.0	4	42.00	–4.84	1.05

M

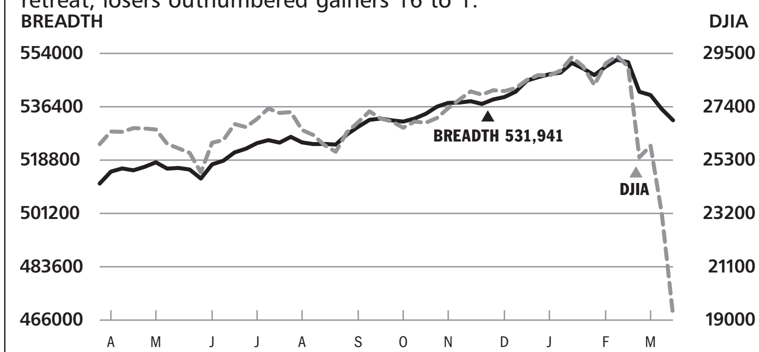
52-Week High	52-Week Low	Name	Tick Sym	Yld	P/E	Last	Chg.	Div Amt.
174.93	94.61	M&T Bank	MTB	4.5	7	98.76	–13.99	1.10
10.90	4.93	MBIA	MBI	...	dd	6.18	–0.69	...
48.99	15.75	MDC Holdings	MDC	6.5	5	20.21	–7.96	.33
32.22	15.00	MDU Rscs	MDU	4.5	11	18.38	–4.94	.2075
8.09	1.50	MFA Financial	MFA	22.2	5	3.60	–2.47	.20
15.24	4.34	MGIC Investment	MTG	3.6	4	6.76	–2.93	.06
34.37	11.43	MGMGrowthProp	MGP	11.7	17	16.05	–7.16	.475
34.64	5.90	MGM Resorts	MGM	6.6	2	9.11	–6.33	.15
48.02	9.62	MI Homes	MHO	...	3	13.01	–11.02	...
15.70	0.88	MOGU	MOGU	...	dd	1.11	+0.01	...
34.28	6.87	MPLX	MPLX	22.9	10	11.73	–1.32	.6875
18.91	3.31	MRC Global	MRC	...	24	4.02	–1.08	...
142.34	93.82	MSA Safety	MSA	1.7	28	96.86	–19.85	.42
335.43	189.93	MSCI	MSCI	1.1	37	243.07	–40.33	.68
86.16	46.85	MSC Industrial	MSM	6.2	10	48.05	–5.24	5.00
23.83	10.32	MSG Networks	MSGN	...	5	11.78	–0.10	...
10.45	4.10	MVC Capital	MVC	16.5	3	4.12	–3.83	.17
9.10	1.76	MV Oil	MVO	42.6	2	2.17	–1.13	.19
44.73	5.52	Macerich	MAC	27.1	10	7.37	–6.06	.50
24.88	14.73	Mack-Cali	CLI	5.3	15	14.96	–3.88	.20
45.93	12.50	MacquarieInfr	MIC	26.4	8	15.18	–12.11	1.00
26.33	5.56	Macy's	M	25.1	3	6.02	–2.01	.3775
316.39	182.47	MadisonSquGarden	MSG	...	dd	197.81	–23.49	...
67.75	22.02	MagellanMid	MMP	13.7	7	29.73	–10.35	1.0275
57.09	22.75	MagnaIntl	MGA	6.2	5	25.86	–12.01	.40
16.06	6.30	MagnaChipSem	MX	...	dd	7.80	–0.64	...
14.13	3.23	MagnoliaOil	MGY	...	20	3.98	–1.00	...
45.10	14.11	MainStreetCap	MAIN	13.8	9	17.82	–10.36	.205
23.90	1.00	Mallinckrodt	MNK	...	dd	1.58	–1.46	...
20.48	12.06	ManchesterUnited	MANU	1.4	79	13.29	–1.04	.09
19.37	8.63	Manitowoc	MTW	...	7	9.80	–0.79	...
2.34	0.99	Manning&Napier	MN	7.0	17	1.14	–0.11	.02
100.99	52.54	Manpower	MAN	4.0	7	54.38	–20.70	1.09
21.23	8.62	ManulifeFin	MFC	9.0	5	9.39	–3.57	.1892
18.93	3.20	MarathonOil	MRO	5.6	6	3.56	–0.97	.05
69.65	15.26	MarathonPetrol	MPC	12.2	5	18.95	–5.97	.58
43.50	21.90	Marcus&Millichap	MMI	...	12	23.92	–3.73	...
41.81	6.95	Marcus	MCS	6.3	8	10.71	–4.71	.17
18.43	6.77	MarineProducts	MPX	6.1	10	7.92	–1.08	.12
23.15	7.25	MarineMax	HZO	...	5	8.64	–1.88	...
1347.64	726.01	Markel	MKL	...	6	785.18	–261.43	...
131.27	30.10	MarriottVacations	VAC	4.4	16	48.81	–39.62	.54
119.88	75.79	Marsh&McLen	MMC	2.3	23	79.87	–18.77	.455
281.82	135.08	MartinMarietta	MLM	1.4	16	153.62	–44.63	.55
50.06	29.26	Masco	MAS	1.8	13	29.47	–10.32	.135
89.21	36.44	MasoniteIntl	DOOR	...	24	41.77	–20.76	...
73.71	22.51	MasTec	MTZ	...	5	26.74	–1.76	...
347.25	210.00	Mastercard	MA	.8	27	211.42	–58.59	.40
22.25	1.11	MatadorRscs	MTDR	...	2	1.72	–0.92	...
71.97	26.15	Materion	MTRN	1.4	13	30.80	–7.08	.11
42.16	26.00	Matson	MATX	2.8	16	30.91	–0.56	.22
13.62	8.50	MauiLand	MLP	...	dd	9.25	–1.36	...
21.45	3.83	MaxarTech	MAXR	.5	4	7.79	–3.29	.01
82.02	46.42	Maximus	MMS	2.2	14	51.96	–3.28	.28
28.70	7.79	MaxLinear	MXL	...	dd	9.15	–2.50	...
17.40	3.89	MayvilleEngg	MEC	...	dd	5.19	–0.40	...
174.58	119.20	McCormick	MKC	2.0	24	124.54	–10.46	.62
174.09	119.12	McCormickVtg	MKC.V	2.0	24	124.70	–9.70	.62
221.93	124.23	McDonalds	MCD	3.4	19	148.49	–28.64	1.25
2.14	0.53	McEwenMining	MUX	...	dd	.58	–0.05	...
172.18	111.71	McKesson	MCK	1.3	dd	124.97	–7.60	.41
3.43	1.28	Mechel	MTL	...	2	1.30	–0.35	...
44.72	16.67	Medallia	MDLA	...	dd	21.05	+0.64	...
24.29	12.35	MedicalProp	MPW	7.7	16	14.07	–3.85	.27
159.41	49.03	Medifast	MED	8.3	9	54.75	–13.76	1.13
3.49	0.35	MedleyCapital	MCC	...	dd	.45	–0.42	...
3.65	0.28	MedleyMgmt	MDLY	.0	dd	.75	–0.33	.03
30.44	7.37	Mednax	MD	...	dd	9.40	–3.18	...
122.15	72.13	Medtronic	MDT	2.8	20	77.46	–11.36	.54
10.39	9.87	MegalithFinAcqn	MFAC	...	90	10.10	–0.12	...
10.94	10.20	MegalithFinUn	MFAC.UT	...	cc	10.40	–0.22	...
0.58	0.21	MegalithFinWt	MFAC.WT	...	...	.27	–0.08	...
92.64	67.12	Merck	MRK	3.4	19	71.36	–5.39	.61
65.22	34.42	MercuryGeneral	MCY	7.1	6	35.50	–4.84	.63
60.95	14.31	Meredith	MDP	14.9	dd	15.97	–6.50	.595
76.83	25.24	MeritageHomes	MTH	...	5	31.25	–15.57	...
27.18	10.91	Meritor	MTOR	...	4	12.19	–5.22	...
15.00	3.88	MesaRoyalty	MTR	19.5	4	4.44	–2.14	.0507
32.39	9.76	MesabiTrust	MSB	24.3	5	11.00	–3.30	.70
41.70	23.21	MethodeElec	MEI	1.9	8	23.37	–4.51	.11
53.28	24.16	MetLife	MET	7.2	4	24.38	–7.55	.44
51.09	15.52	MetropolitanBk	MCB	...	6	20.38	–7.97	...
873.51	595.91	MettlerToledo	MTD	...	29	645.12	–27.52	...
27.25	3.42	MicroFocus	MFGP	23.5	dd	4.75	–1.04	.5833
148.88	85.45	MidAmApt	MAA	4.6	29	87.50	–38.50	1.00
38.18	25.43	MillerIndustries	MLR	2.6	8	27.41	–1.36	.18
63.75	27.28	MineralsTechs	MTX	.7	8	30.38	–5.40	.05
16.95	2.77	MistrasGroup	MG	...	26	3.71	–0.59	...
5.54	3.32	MitsubishiUFJ	MUFG	5.2	8	3.43	–0.33	.1044
18.06	6.64	MiXTelematics	MIXT	2.8	9	7.22	–1.80	.0677
3.20	1.96	MizuhoFin	MFG	4.8	32	2.20	+0.06	.0693
11.00	6.20	MobileTeleSys	MBT	11.2	7	6.51	–1.15	.3457
35.84	15.00	ModelN	MODN	...	dd	18.38	–3.57	...
16.67	2.96	ModineMfg	MOD	...	15	3.17	–1.93	...
43.74	22.11	Moelis	MC	8.1	13	25.16	–3.52	.75
156.60	58.23	MohawkInds	MHK	...	6	58.66	–37.82	...
159.00	102.85	MolinaHealthcare	MOH	...	10	113.75	–32.60	...
80.00	42.00	MolsonCoorsA	TAP.A	4.7	44	48.64	+4.64	.57
64.32	36.32	MolsonCoorsB	TAP	6.2	33	36.94	–5.62	.57
15.53	9.02	MonmouthRealEst	MNR	6.9	20	9.88	–2.72	.17
17.50	2.07	MontageRscs	MR	...	3	2.37	–0.31	...
287.25	165.23	Moody's	MCO	1.3	24	175.80	–37.27	.56
98.52	32.49	Moog A	MOG.A	2.4	8	41.41	–9.95	.25
97.36	33.58	Moog B	MOG.B	2.2	9	45.00	–5.01	.25
57.57	27.20	MorganStanley	MS	4.7	6	29.67	–7.83	.35
28.12	6.50	Mosaic	MOS	2.1	dd	9.59	–1.42	.05
187.49	132.79	MotorolaSol	MSI	1.9	28	136.61	–18.34	.64
40.21	9.04	Movado	MOV	8.7	4	9.18	–3.50	.20
34.11	17.66	MuellerIndustries	MLI	2.1	11	19.32	–4.26	.10
12.71	7.14	MuellerWater	MWA	2.9	12	7.31	–2.11	.0525
30.87	4.50	MurphyOil	MUR	18.1	1	5.51	–2.09	.25
121.24	79.50	MurphyUSA	MUSA	...	19	93.47	–6.98	...
19.55	6.91	MyersIndustries	MYE	6.1	13	8.84	–3.40	.135
26.02	4.14	MyovantSciences	MYOV	...	dd	7.49	+0.37	...

N

52-Week High	52-Week Low	Name	Tick Sym	Yld	P/E	Last	Chg.	Div Amt.
66.40	22.26	NACCO Inds	NC	3.3	4	23.00	–6.00	.19
35.87	10.55	NCR	NCR	...	4	13.43	–5.32	...
15.71	1.15	NGL Energy	NGL	42.6	dd	3.66	+0.31	.39
5.87	1.19	NIO	NIO	...	dd	2.40	–0.71	...
5.45	2.28	NL Industries	NL	...	4	2.32	–0.68	...
15.72	4.05	NOW	DNOW	...	dd	5.78	–0.83	...
43.66	19.54	NRG Energy	NRG	5.1	1	23.31	–5.54	.30
4071.13	2043.01	NVR	NVR	...	11	2326.89	–595.39	...
4.08	0.31	NaborsIndustries	NBR	8.6	dd	.46	+0.09	.01
10.75	3.66	NamTaiProperty	NTP	...	dd	3.76	–2.04	...
38.92	22.08	NatlBankHoldings	NBHC	3.5	9	22.54	–2.94	.20
61.71	32.43	NationalFuelGas	NFG	5.1	10	33.99	–3.01	.435
69.08	48.84	NationalGrid	NGG	6.2	18	49.65	–6.04	1.0673
91.12	31.37	NatlHealthInv	NHI	11.7	10	37.82	–20.58	1.1025
29.37	8.00	NatlOilwell	NOV	2.0	dd	10.19	+0.01	.05
113.60	69.36	NatlPrestoInds	NPK	1.4	12	73.63	–5.47	5.00
59.26	24.04	NatlRetailProp	NNN	6.9	19	29.97	–18.44	.515
38.22	19.34	NatlStorage	NSA	5.5	dd	23.98	–6.39	.33
23.90	7.99	Natura&Co	NTCO	...	cc	10.07	–3.47	...
18.74	2.62	NaturalGasSvcs	NGS	...	dd	5.28	–0.97	...
14.15	5.41	NaturalGrocers	NGVC	3.6	20	7.88	+1.40	.07
44.71	8.50	NaturalResPtrs	NRP	16.6	dd	10.85	–0.80	.45
5.23	0.48	Natuzzi	NTZ	...	0	.50	–0.08	...
5.95	1.20	Nautilus	NLS	...	dd	1.30	–0.18	...
13.99	3.86	NavigatorHldgs	NVGS	...	dd	4.23	–2.32	...
11.52	2.09	NaviosMaritime	NNA	40.1	dd	2.99	–0.99	.30
8.10	1.54	NaviosMaritime	NM	...	dd	1.69	–0.84	...
21.30	4.41	NaviosMaritime	NMM	26.8	dd	4.47	–2.38	.30
38.00	15.77	NavistarIntl	NAV	...	10	17.14	–9.13	...
77.55	33.44	Neenah	NP	5.1	11	36.86	–6.37	.47
69.97	38.66	Nelnet	NNI	2.1	11	38.66	–9.22	.20
9.46	3.26	NeoPhotonics	NPTN	...	dd	5.34	–1.12	...
10.45	1.38	Nesco	NSCO	...	dd	2.30	–0.55	...
1.70	0.16	NescoWt	NSCO.WT	...	...	.25	–0.05	...
148.05	54.00	Nevro	NVRO	...	dd	70.62	–30.05	...
10.83	7.00	NewFrontierHlth	NFH	...	dd	7.19	–2.00	...
1.95	0.55	NewFrontierWt	NFH.WT	...	...	.88	–0.20	...
6.00	1.00	NewHome	NWHM	...	dd	1.05	–1.98	...
51.20	21.14	NewJerseyRscs	NJR	4.0	16	31.15	–1.85	.3125
14.45	4.62	NewMountainFin	NMFC	22.1	5	6.15	–4.12	.34
142.38	78.68	NewOrientalEduc	EDU	...	43	108.72	–13.36	...
108.91	33.49	NewRelic	NEWR	...	dd	38.22	–6.02	...
17.66	4.36	NewResidInvt	NRZ	28.5	5	7.01	–5.08	.50
8.35	1.72	NewSeniorInvt	SNR	24.9	dd	2.09	–1.66	.13
13.79	8.76	NY CmntyBcp	NYCB	6.9	13	9.88	–0.72	.17
40.22	26.13	NYTimes A	NYT	.8	35	29.19	–3.97	.06
505.16	350.75	NewMarket	NEU	2.0	16	372.13	+0.72	1.90
52.50	29.77	Newmont	NEM	1.4	12	40.56	+1.06	.14
9.57	1.05	NewparkResources	NR	...	dd	1.22	–0.03	...
12.80	2.69	NexaResources	NEXA	14.1	dd	2.69	–1.93	.3775
19.50	6.51	NexPointRealEst	NREF	9.0	...	9.80	–5.19	.2198
52.87	26.05	NexPointResidentl	NXRT	4.6	7	27.00	–12.06	.3125
283.35	186.86	NextEraEnergy	NEE	2.9	25	191.75	–29.81	1.40
56.74	39.64	NextEraEnergyUn	NEE.PRO	5.8	...	40.93	–5.00	.609
50.00	35.00	NextEraEnergyUn	NEE.PRP	7.9	...	35.39	–3.11	.6599
61.87	29.01	NextEraEnergy	NEP	5.4	dd	37.70	–9.61	.535
12.50	1.02	NexTierOilfield	NEX	...	dd	1.19	+0.01	...
27.36	12.81	NielsenHoldings	NLSN	1.8	dd	13.62	–1.43	.06
105.62	60.00	Nike	NKE	1.5	24	67.45	–8.13	.245
24.45	0.38	NineEnergy	NINE	...	dd	.91	–0.04	...
30.67	19.56	NiSource	NI	4.0	24	21.00	–4.18	.21
57.63	21.13	NoahHoldings	NOAH	...	11	22.21	–2.24	...
3.17	0.20	Noble	NE	...	dd	.35	+0.06	...
6.02	2.34	Nokia	NOK	6.4	...	2.66	–0.08	.0558
23.06	14.08	NomadFoods	NOMD	...	19	16.65	–0.99	...
5.41	3.05	NomuraHoldings	NMR	3.7	6	3.92	+0.09	.137
33.70	8.92	Norbord	OSB	...	dd	10.37	–6.68	...
5.28	1.66	NordicAmTankers	NAT	5.3	dd	2.46	–0.72	.07
46.20	14.06	Nordstrom	JWN	8.3	6	17.86	–3.73	.37
219.88	119.29	NorfolkSouthern	NSC	3.0	12	123.71	–23.15	.94
13.62	5.39	NorthAmConstr	NOA	2.1	6	5.70	–1.78	.0301
7.75	2.19	NoEuroOil	NRT	26.4	4	2.58	–0.40	.08
385.01	263.29	NorthropGrum	NOC	1.9	22	284.02	–30.48	1.32
77.26	50.94	NorthwestNat	NWN	3.4	27	56.87	–1.27	.4775
80.52	47.34	Northwestern	NWE	5.0	12	48.25	–19.27	.60
59.78	7.03	NorwegCruise	NCLH	...	2	8.72	–2.38	...
99.84	69.18	Novartis	NVS	...	14	72.42	–7.19	...
64.82	46.47	NovoNordisk	NVO	1.8	20	49.46	–7.26	.7874
64.90	12.31	NuSkinEnts	NUS	7.6	6	19.75	+0.21	.375
61.17	27.53	Nucor	NUE	5.3	7	30.63	–5.21	.4025
30.06	4.98	NuSTAREnergy	NS	25.6	dd	9.36	–1.58	.60
55.34	23.85	Nutrien	NTR	6.5	16	27.75	–3.54	.45
28.75	10.54	nVentElectric	NVT	4.9	11	14.27	–4.77	.175

NYSE CUMULATIVE DAILY BREADTH vs DJIA

No Shelter: The S&P 500 Index fell 15%, for it's worst weekly loss since the 2008 financial crisis. With NYSE cumulative breadth in full retreat, losers outnumbered gainers 16 to 1.



In generating this chart, we subtract each day's NYSE composite declines from that day's advances. The resultant total is added to the next day's total, and so on. When all five days' numbers are added together, this produces the weekly figure we plot. Dec. 31, 1985 =1000.

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52-Week High	52-Week Low	Name	Tick Sym	Yld	P/E	Last	Chg.	Div Amt.
24.95	8.63	OFGBancorp	OFG	2.9	10	9.52	–3.58	.07
46.43	25.30	OGE Energy	OGE	6.0	12	25.71	–7.46	.3875
20.09	4.31	O-I Glass	OI	3.5	dd	5.67	–1.82	.05
96.97	65.85	ONE Gas	OGS	3.2	19	67.95	–11.03	.54
78.48	12.16	ONEOK	OKE	18.1	7	20.67	–10.05	.935
10.61	9.80	OaktreeAcqn	OAC.UT	...	...	9.85	–0.50	...
10.19	9.40	OaktreeAcqn	OAC	...	...	9.47	–0.37	...
1.95	0.80	OaktreeAcqnWt	OAC.WT	...	...	1.29	–0.20	...
2.70	0.15	ObsidianEnergy	OBE	...	dd	.20	–0.03	...
68.83	9.00	OccidentalPetrol	OXY	30.9	dd	10.23	–4.03	.79
21.29	2.01	OceaneeringIntl	OII	...	dd	2.89	–0.34	...
2.23	0.40	OcwenFinancial	OCN	...	dd	.48	–0.61	...
2.38	0.39	Oi	OIBR.C	...	dd	.39	–0.38	...
38.80	27.51	OilDriAmerica	ODC	3.2	14	31.69	+0.82	.25
21.27	1.52	OilStatesIntl	OIS	...	dd	1.99	–0.43	...
24.10	11.88	OldRepublic	ORI	6.3	4	13.40	–4.59	.21
25.35	8.76	Olin	OLN	6.8	dd	11.74	+1.38	.20
45.22	13.33	OmegaHealthcare	OHI	11.9	15	22.43	–4.06	.67
85.05	48.38	Omnicom	OMC	5.3	8	49.51	–13.40	.65
10.15	5.48	OmnovaSol	OMN	...	dd	8.93	–0.98	...
5.69	0.54	OnDeckCapital	ONDK	...	2	.83	–0.86	...
31.78	9.71	OneLiberty	OLP	11.8	17	15.20	–3.70	.45
16.60	9.43	OneConnectFinTech	OCFT	...	dd	10.63	–1.10	...
48.92	12.21	OneMain	OMF	7.2	3	18.28	–13.30	2.50
8.94	4.68	OneSmartIntl	ONE	...	40	4.98	–0.21	...
42.50	20.32	OntoInnovation	ONTO	...	cc	21.53	–6.45	...
15.84	7.45	Ooma	OOMA	...	dd	8.70	–3.04	...
31.82	14.21	Oppenheimer A	OPY	3.0	4	16.00	–4.15	.12
60.50	39.71	Oracle	ORCL	2.1	14	45.65	–2.28	.24
16.80	9.93	Orange	ORAN	5.3	13	11.67	+0.66	.4505
7.00	1.53	OrchidIslandCap	ORC	36.5	6	2.63	–1.23	.08
21.87	5.93	OrionEngCarbons	OEC	10.7	5	7.49	–3.53	.20
5.99	1.53	OrionGroup	ORN	...	dd	2.08	+0.13	...
89.21	52.65	Orix	IX	6.0	4	52.79	–14.10	1.6088
87.07	54.00	OrmatTech	ORA	.7	38	66.07	+2.97	.11
95.62	50.20	Oshkosh	OSK	2.4	6	50.70	–9.30	.30
13.43	4.65	OsiskoGoldRoyal	OR	2.4	dd	6.51	+1.25	.0378
10.50	9.40	OspreyTechUn	SFTW.UT	...	...	9.46	–0.64	...
10.33	9.11	OspreyTechA	SFTW	...	...	9.11	–0.69	...
1.05	0.69	OspreyTechWt	SFTW.WT	...	...	.85	–0.07	...
...	...	OtisWorldwide	OTIS.WI	...	...	45.00	...	...
31.20	7.50	OutfrontMedia	OUT	19.0	8	7.99	–11.39	.38
2.72	1.46	OverseasShip	OSG	...	21	1.99	–0.43	...
38.50	2.10	Ovintiv	OVV	15.2	16	2.46	–0.63	.0938
8.43	2.43	Owens&Minor	OMI	.2	dd	5.91	+1.55	.0025
68.72	30.10	OwensCorning	OC	3.1	8	31.17	–10.58	.24
19.19	8.95	OwlRock	ORCC	12.1	8	10.22	–2.08	.08
85.36	30.37	OxfordIndustries	OXM	4.4	8	33.98	–11.37	.37

PQ

52-Week High	52-Week Low	Name	Tick Sym	Yld	P/E	Last	Chg.	Div Amt.
35.15	6.25	PBF Energy	PBF	15.7	3	7.65	–8.35	.30
22.00	3.06	PBF Logistics	PBFX	41.0	3	5.07	–2.99	.52
25.19	3.55	PG&E	PCG	...	dd	7.22	–2.99	...
18.48	7.67	PGT Innovations	PGTI	...	11	8.11	–2.66	...
53.21	23.63	PJT Partners	PJT	.7	23	27.49	–10.55	.05
25.72	15.91	PLDT	PHI	9.0	8	16.95	–2.26	.6935
161.79	81.03	PNC Fin	PNC	5.1	8	89.49	–17.49	1.15
56.14	27.08	PNM Resources	PNM	4.1	31	29.93	–11.45	.3075
61.22	27.20	POSCO	PKX	3.7	11	27.50	–9.28	1.0612
134.36	69.77	PPG Ind	PPG	2.6	15	79.72	–14.47	.51
36.83	19.56	PPL	PPL	8.4	8	19.67	–7.75	.415
17.26	8.50	PQ Group	PQG	...	16	9.42	–0.21	...
75.40	19.73	PROS	PRO	...	dd	26.21	–5.00	...
192.13	105.05	PSBusinessParks	PSB	3.8	28	110.17	–32.79	1.05
134.24	29.41	PVH	PVH	.5	4	31.57	–18.77	.0375
2.37	0.15	PacificCoastOil	ROYT	85.4	1	.20	–0.02	.0038
15.66	0.45	PacificDrilling	PACD	...	dd	.68	–0.07	...
114.78	71.05	PackagingCpAm	PKG	3.7	12	85.88	+1.52	.79
59.82	12.33	PagerDuty	PD	...	dd	19.07	+3.46	...
53.43	13.58	PagSeguroDig	PAGS	...	15	15.95	–7.36	...
251.11	125.47	PaloAltoNtwks	PANW	...	dd	143.53	–8.04	...
36.41	8.72	PampaEnergia	PAM	...	1	9.37	–0.97	...
16.50	3.63	PanhandleOil&Gas	PHX	4.2	dd	3.77	–0.43	.04
25.69	5.72	ParPacific	PARR	...	10	7.59	–3.17	...
35.10	9.64	ParTechnology	PAR	...	dd	11.15	–4.85	...
15.11	6.42	ParamountGroup	PGRE	5.8	dd	6.86	–2.85	.10
19.29	9.74	ParkAerospace	PKE	4.0	24	10.12	–2.50	.10
33.02	3.99	ParkHotels	PK	26.9	5	6.70	–2.61	.45
215.94	93.00	ParkerHannifin	PH	3.4	10	102.43	–37.89	.88
22.11	3.92	ParsleyEnergy	PE	2.9	8	5.13	–1.42	.05
45.40	24.67	Parsons	PSN	...	21	26.55	–2.78	...
8.73	0.26	PartyCity	PRTY	...	dd	.58	–0.06	...
342.00	174.02	PaycomSoftware	PAYC	...	62	192.81	–33.81	...
30.54	2.51	PeabodyEnergy	BTU	.0	dd	3.31	–0.18	.145
11.51	5.72	Pearson	PSO	4.3	13	5.76	–1.11	.174
33.59	5.39	PebblebrookHotel	PEB	.5	13	8.49	–2.57	.01
40.65	10.58	PembinaPipeline	PBA	11.8	8	16.09	–4.66	.1569
1.66	0.36	PenneyJC	JCP	...	dd	.45	–0.15	...
7.93	0.80	PA Reit	PEI	64.1	dd	1.31	–0.25	.21
39.57	13.14	PennyMacFin	PFSI	...	4	17.93	–11.20	...
23.79	3.50	PennyMacMtg	PMT	25.5	3	7.36	–7.64	.47
53.81	19.99	PenskeAuto	PAG	7.3	4	22.09	–14.05	.42
47.43	23.32	Pentair	PNR	3.2	11	23.78	–12.03	.19
194.93	122.40	Penumbra	PEN	...	99	132.23	–35.20	...
54.49	7.41	PerformanceFood	PFGC	...	10	15.95	–9.68	...
103.00	63.38	PerkinElmer	PKI	.4	35	70.89	–2.93	.07
7.71	2.38	PermianBasin	PBT	17.4	6	2.56	–0.69	.0503
3.71	0.67	PermianvilleRT	PVL	31.9	4	1.01	–0.09	.041
9.35	1.00	PermRock	PRT	51.6	1	1.32	–1.22	.0511
63.86	40.17	Perrigo	PRGO	2.1	39	42.13	–4.16	.225
29.88	15.42	Perspecta	PRSP	1.5	27	15.81	–2.75	.06
67.75	27.74	PetroChina	PTR	5.7	7	29.46	–4.54	.4059
17.17	4.01	PetroleoBrasil	PBR	3.9	3	4.85	–1.73	.0995
15.67	4.16	PetroleoBrasilA	PBR.A	8.0	3	4.76	–1.55	.098
44.56	28.91	Pfizer	PFE	5.2	10	29.01	–3.70	.38
92.74	59.83	PhilipMorris	PM	7.7	13	61.09	–18.41	1.17
119.92	40.04	Phillips66	PSX	7.4	7	48.35	–6.01	.90
65.22	19.00	Phillips66Ptrs	PSXP	9.7	8	35.59	–1.91	.875
4.60	1.27	PhoenixNewMedia	FENG	.0	dd	1.33	–0.18	1.3712
13.90	7.50	PhoenixTree	DNK	...	dd	7.50	–1.90	...
34.85	16.01	Phreesia	PHR	...	dd	20.12	–0.18	...
20.78	11.01	PhysiciansRealty	DOC	7.2	33	12.69	–4.52	.23
24.78	14.12	PiedmontOfficeA	PDM	5.8	8	14.53	–4.43	.21
29.80	12.02	PingIdentity	PING	...	dd	18.25	+1.74	...
105.51	60.05	PinnacleWest	PNW	4.8	14	65.55	–16.02	.7825
36.83	10.10	Pinterest	PINS	...	dd	12.21	–2.10	...
178.22	48.62	PioneerNatRscs	PXD	3.6	14	61.76	–8.92	.55
87.45	31.95	PiperSandler	PIPR	4.1	7	36.84	–12.63	.75
7.28	2.01	PitneyBowes	PBI	9.2	36	2.18	–0.46	.05
10.35	9.61	PivotalInvtII	PIC.UT	...	...	9.75	–0.30	...

New York Stock Exchange Composite List

52-Week High	Low	Name	Tick Sym	Yld	P/E	Last	Chg.	Div Amt.
10.08	9.50	PivotalInvtII	PIC	...	...	9.75	–0.10	...
25.26	3.00	PlainsAllAmPipe	PAA	25.4	2	5.67	–1.03	.36
25.69	3.04	PlainsGP	PAGP	24.0	3	5.99	–1.15	.36
88.77	23.77	PlanetFitness	PLNT	...	24	33.93	–20.05	...
53.92	4.60	Plantronics	PLT	7.1	dd	8.42	+0.80	.15
26.12	0.70	PlayAGS	AGS	...	dd	1.63	–2.40	...
21.50	9.71	PlymouthIndREIT	PLYM	14.6	dd	10.25	–5.05	.375
104.37	45.60	Polaris	PII	5.1	9	48.49	–20.03	.62
37.33	8.69	PolyOne	POL	5.6	9	14.57	–4.33	.2025
63.08	39.20	PortlandGenElec	POR	3.8	17	40.28	–8.55	.385
113.73	70.67	PostHoldings	POST	...	54	72.64	–14.28	...
18.20	12.00	PostalRealty	PSTL	4.1	...	12.00	–2.54	.17
3.01	0.27	PrecisionDrilling	PDS	...	21	.33	–0.12	...
16.93	6.20	PrefApartment	APTS	14.2	dd	7.40	–0.73	.2625
46.12	27.40	PrestigeCnsHlth	PBH	...	dd	30.18	–3.97	...
13.83	4.05	PretiumResources	PVG	...	25	5.53	+0.04	...
138.05	61.43	Primerica	PRI	2.6	7	62.35	–36.37	.40
16.00	6.33	PrimoWater	PRMW	2.9	cc	8.21	–5.11	.06
42.03	18.00	ProAssurance	PRA	4.9	cc	25.32	+3.46	.31
128.09	99.09	Procter&Gamble	PG	2.9	60	102.43	–11.64	.7459
84.96	65.19	Progressive	PGR	.6	10	68.28	–9.79	.10
99.79	62.01	Prologis	PLD	3.7	26	62.82	–15.00	.58
25.38	1.96	ProPetro	PUMP	...	1	3.27	–1.84	...
21.00	8.52	ProSightGlobal	PROS	...	12	10.72	–2.72	...
75.22	45.66	ProsperityBcshs	PB	3.8	11	48.44	–8.17	.46
119.98	63.34	ProtoLabs	PRLB	...	27	64.61	–8.59	...
27.57	9.05	ProvidentFinSvcs	PFS	8.8	6	10.43	–4.35	.23
106.40	40.00	PrudentialFin	PRU	10.4	4	42.26	–10.66	1.10
46.50	15.68	Prudential	PUK	5.1	6	18.20	–5.62	.5194
63.88	36.23	PublicServiceEnt	PEG	5.2	11	37.82	–6.32	.49
266.76	169.15	PublicStorage	PSA	4.7	23	171.22	–40.12	2.00
47.37	17.51	PulteGroup	PHM	2.4	5	19.77	–10.76	.12
23.53	7.93	PureStorage	PSTG	...	dd	9.73	–2.16	...
14.04	4.65	Puxin	NEW	...	dd	5.10	–0.91	...
29.66	1.43	PyxusIntl	PYX	...	dd	2.08	–0.40	...
10.42	3.75	PzenaInvtMgmt	PZN	2.7	10	4.49	–1.08	.43
8.47	0.38	QEP Resources	QEP	19.6	dd	.41	–0.45	.02
63.84	43.10	QTS Realty	QTS	4.2	dd	44.77	–10.19	.47
93.90	47.17	Q2Holdings	QTWO	...	dd	55.31	–9.74	...
43.16	25.04	Qiagen	QGEN	...	dd	36.42	–4.60	...
12.88	2.80	QuadGraphics	QUAD	18.4	dd	3.26	+0.03	.15
224.30	118.43	QuakerChemical	KWR	1.3	54	121.74	–23.17	.385
20.42	7.90	QuanexBldg	NX	3.8	dd	8.37	–4.35	.08
44.09	25.04	QuantaServices	PWR	.8	9	25.13	–7.32	.05
9.21	1.21	Qudian	QD	...	1	1.88	–0.22	...
118.58	73.47	QuestDiag	DGX	3.0	12	75.24	–21.53	.56
5.26	0.85	QuintanaEnergy	QES	...	dd	.99	–0.47	...
2.49	0.30	QuorumHealth	QHC	...	dd	.40	–0.13	...
11.99	4.55	QuotientTech	QUOT	...	dd	5.76	–0.99	...

R

52-Week High	Low	Name	Tick Sym	Yld	P/E	Last	Chg.	Div Amt.
27.26	16.90	RELX	RELX	3.4	17	16.95	–2.48	.418
44.16	14.40	RE/MAX	RMAX	5.0	13	17.70	–9.65	.22
14.99	5.16	REV	REVG	3.8	dd	5.32	–1.03	.05
256.27	74.30	RH	RH	...	10	82.13	–40.99	...
99.93	66.02	RLI	RLI	1.2	17	73.63	–5.29	.23
19.04	3.88	RLJ Lodging	RLJ	28.3	8	4.66	–3.73	.01
10.30	9.60	RMG Acqn	RMG.UT	...	96	9.75	–0.50	...
10.10	9.03	RMG Acqn	RMG	...	95	9.62	–0.23	...
1.00	0.57	RMG Acqn Wt	RMG.WT	...	...	.70	...	...
13.11	1.72	RPC	RES	.0	dd	2.40	+0.35	.05
77.47	42.85	RPM	RPM	2.9	19	49.44	–13.87	.36
15.18	5.11	RPTRealty	RPT	13.5	7	6.53	–3.90	.22
4.86	1.01	RR Donnelley	RRD	11.9	dd	1.01	–0.69	.03
2.69	0.14	RTW Retail	RTW	...	dd	.16	–0.08	...
8.27	2.64	RYBEducation	RYB	...	dd	3.45	+0.02	...
5.80	0.70	RaMedicalSys	RMED	...	dd	1.07	–0.25	...
26.32	11.33	RadianGroup	RDN	3.5	4	14.12	–4.29	.125
30.86	9.40	Rafael	RFL	...	dd	10.40	–3.62	...
133.63	64.28	RalphLauren	RL	4.1	8	66.61	–17.06	.6875
11.42	1.61	RangeResources	RRC	2.6	dd	3.05	+0.23	.02
8.76	2.49	RangerEnergySvcs	RNGR	...	15	3.55	–1.22	...
10.35	4.32	Ranpak	PACK	...	dd	6.19	–0.76	...
1.56	0.51	RanpakWt	PACK.WT	...	...	1.10	–0.30	...
102.45	58.79	RaymondJames	RJF	2.4	8	61.42	–10.91	.37
15.66	0.93	RayonierAdvMatls	RYAM	.0	dd	1.40	+0.18	.07
33.10	15.96	Rayonier	RYN	5.4	44	20.13	–3.08	.27
233.48	103.00	Raytheon	RTN	3.0	10	124.14	–25.71	.9425
16.90	5.26	ReadyCapital	RC	26.1	3	6.12	–4.62	.40
13.88	2.09	Realogy	RLGY	.0	dd	2.78	–2.73	.09
84.92	38.00	RealtyIncome	O	5.9	34	47.42	–24.50	.233
8.69	1.46	RedLionHotels	RLH	...	dd	1.65	–0.62	...
18.01	3.17	RedwoodTrust	RWT	26.4	3	4.85	–7.71	.32
90.19	55.22	RegalBeloit	RBC	2.1	10	57.66	–9.90	.30
34.93	10.99	RegionalMgmt	RM	...	3	12.27	–7.74	...
17.54	6.94	RegionsFin	RF	7.5	5	8.26	–1.72	.155
23.27	6.36	Regis	RGS	...	dd	6.53	–2.68	...
169.26	57.87	ReinsGrp	RGA	4.6	4	60.66	–35.59	.70
122.17	73.01	RelianceSteel	RS	3.4	7	74.41	–15.51	.625
202.68	113.27	RenaissanceRe	RNR	1.1	8	129.30	–25.78	.35
2.09	0.85	ReneSola	SOL	...	33	1.03	+0.10	...
7.26	0.45	Renren	RENN	...	0	.75	–0.09	...
10.48	9.49	ReplayAcqn	RPLA	...	cc	9.50	–0.40	...
10.57	9.60	ReplayAcqnUn	RPLA.UT	...	...	9.64	–0.56	...
0.90	0.30	ReplayAcqnWt	RPLA.WT	...	...	.65	–0.25	...
100.91	70.52	RepublicSvcs	RSG	2.3	21	71.54	–13.44	.405
23.99	3.84	ResideoTech	REZI	...	16	5.11	–1.64	...
177.99	96.81	ResMed	RMD	1.4	36	114.34	–35.38	.39
8.18	1.33	ResoluteForest	RFP	...	dd	1.35	–0.66	...
79.46	25.08	RestaurantBrands	QSR	6.5	17	32.02	–13.61	.52
14.30	2.87	RetailPropofAmer	RPAI	13.8	32	4.79	–3.23	.1656
38.85	8.32	RetailValue	RVI	22.0	4	9.31	–11.73	2.05
27.46	8.75	Revlon	REV	...	dd	10.28	–1.49	...
48.36	7.17	Revolve	RVLV	...	dd	7.66	–1.83	...
98.79	33.81	RexAmerRes	REX	...	72	46.27	–3.61	...
53.48	32.87	RexfordIndlRealty	REXR	2.5	73	33.95	–9.76	.215
35.64	20.73	Rexnord	RXN	1.5	16	21.00	–4.39	.08
252.20	101.33	RingCentral	RNG	...	dd	183.86	+9.26	...
64.02	35.82	RioTinto	RIO	10.4	7	36.57	–7.33	2.31
45.16	25.92	RitchieBros	RBA	2.8	21	28.32	–6.57	.20
23.88	5.04	RiteAid	RAD	...	dd	17.63	+5.93	...
13.00	6.02	RoadrunnerTrans	RRTS	...	dd	7.00	–0.25	...
69.08	34.38	RobertHalf	RHI	3.9	9	35.00	–12.23	.34
209.61	116.98	Rockwell	ROK	3.2	16	126.79	–39.39	1.02
54.82	36.64	RogersComm B	RCI	4.0	13	37.78	–4.86	.3736
206.43	79.61	Rogers	ROG	...	32	80.79	–14.99	...
43.91	31.36	Rollins	ROL	1.4	56	35.00	–2.82	.12
395.00	240.00	RoperTech	ROP	.7	17	283.15	–30.37	.5125
26.88	8.85	RosettaStone	RST	...	dd	11.55	–0.91	...
82.74	53.64	RoyalBkCanada	RY	5.9	8	54.51	–10.21	.8146
7.05	2.50	RoyalBkScotland	RBS	3.9	4	2.54	–0.92	.1296
135.32	19.25	RoyalCaribbean	RCL	13.1	3	23.81	–8.52	.78
66.48	21.26	RoyalDutchA	RDS.A	12.7	6	25.08	–5.00	.94
67.45	19.19	RoyalDutchB	RDS.B	15.7	6	23.96	–4.91	.94
13.11	4.51	RubiconProject	RUBI	...	dd	5.01	–1.01	...
67.65	24.75	RyderSystem	R	8.5	dd	26.39	–4.50	.56
12.54	4.04	RyersonHolding	RYI	...	2	4.53	–1.47	...
91.57	13.25	RymanHospitality	RHP	17.7	8	21.49	–16.26	.95

S

52-Week High	Low	Name	Tick Sym	Yld	P/E	Last	Chg.	Div Amt.
140.67	90.90	SAP	SAP	1.3	30	94.30	–14.05	1.7119
312.94	186.06	S&P Global	SPGI	1.3	24	208.79	–39.31	.67
10.55	9.76	SC Health	SCPE.UT	...	...	9.90	–0.21	...
10.25	9.50	SC Health	SCPE	...	...	9.62	–0.27	...
1.35	0.81	SC Health Wt	SCPE.WT	...	...	.92	–0.12	...
10.48	9.25	SCVX	SCVX.UT	...	...	9.40	–0.70	...
...	...	SCVX	SCVX	...	...	9.20	...	...
51.42	22.88	Seacor	CKH	...	17	23.09	–4.82	...
15.17	3.30	SeacorMarine	SMHI	...	dd	3.73	–2.83	...
16.10	6.33	SFL	SFL	18.7	...	7.50	–3.47	.35
51.04	21.69	SINOPEC	SHI	14.2	7	22.62	–3.52	3.718
15.85	3.60	SITE Centers	SITC	14.1	17	5.67	–2.44	.20
74.99	50.13	SJW Group	SJW	2.4	64	52.67	–9.54	.32
25.16	15.22	SK Telecom	SKM	5.1	13	15.31	–3.26	.84
96.39	45.39	SLGreenRealty	SLG	7.7	16	45.84	–20.08	.885
18.92	0.90	SM Energy	SM	8.1	dd	1.24	–1.09	.05
53.76	27.06	SPX	SPXC	...	17	28.39	–8.26	...
49.94	15.74	SPX FLOW	FLOW	...	dd	17.81	–8.43	...
33.48	18.42	STAG Indl	STAG	6.7	66	21.60	–2.59	.12
40.96	13.00	StoreCapital	STOR	7.9	14	17.82	–9.29	.35
52.59	24.83	SabineRoyalty	SBR	11.5	8	25.62	–6.22	.2366
2.38	0.74	SafeBulkers	SB	...	24	1.01	–0.04	...
12.91	4.43	SafeguardSci	SFE	.0	2	4.97	–1.34	1.00
66.70	19.40	Safehold	SAFE	1.2	55	52.00	+0.86	.156
30.49	11.61	SailPointTechs	SAIL	...	dd	14.88	–2.79	...
195.72	115.29	Salesforce.com	CRM	...	cc	139.35	–8.43	...
21.98	8.21	SallyBeauty	SBH	...	4	9.06	–1.73	...
5.63	1.73	SanJuanBasin	SJT	8.8	10	1.77	–0.55	.037
9.35	0.75	SandRidgeEnergy	SD	...	dd	.80	–0.26	...
2.55	0.25	SandRidgePermian	PER	74.5	1	.42	–0.16	.08
7.90	3.32	SandstormGold	SAND	...	51	4.52	+0.64	...
27.75	11.44	SantanderCons	SC	7.7	4	11.49	–8.33	.22
28.70	5.94	SaratogaInvt	SAR	18.6	3	11.86	–3.99	.56
34.03	1.60	Sasol	SSL	...	dd	1.61	–1.84	...
58.49	25.28	SaulCenters	BFS	8.3	16	25.61	–11.08	.53
48.88	11.87	Schlumberger	SLB	14.0	dd	14.28	–1.88	.50
24.38	15.36	SchneiderNatl	SNDR	1.4	22	18.10	+0.03	.065
51.65	28.00	SchwabC	SCHW	2.3	12	30.75	–3.12	.18
46.65	21.23	SchweitzerMaud	SWM	7.9	8	22.25	–5.93	.44
96.80	45.45	ScienceApplicat	SAIC	2.8	20	52.32	–16.49	.37
7.20	1.91	ScorpioBulkers	SALT	3.7	3	2.19	–0.36	.02
40.45	12.35	ScorpioTankers	STNG	2.8	dd	14.09	–6.41	.10
125.69	75.91	ScottsMiracleGro	SMG	2.8	10	83.53	–15.12	.58
15.73	6.25	ScullyRoyalty	SRL	...	...	6.49	–0.36	...
28.85	8.86	SculptorCapMgmt	SCU	12.8	8	11.59	–4.81	.53
52.77	21.83	Sea	SE	...	dd	38.00	–6.51	...
16.55	5.25	SeabridgeGold	SA	...	dd	7.33	+0.99	...
10.15	0.48	SeaDrill	SDRL	...	dd	.55	–0.18	...
47.13	17.06	SealedAir	SEE	2.7	13	24.02	–1.48	.16
36.96	6.75	SeaWorldEnt	SEAS	...	9	9.75	–2.56	...
12.75	2.22	SelectEnergySvcs	WTTR	...	60	2.86	–0.53	...
28.61	10.00	SelectMedical	SEM	...	11	11.50	–7.49	...
161.87	88.13	SempraEnergy	SRE	4.2	14	99.64	–7.28	1.045
54.72	18.25	SensataTechs	ST	...	15	25.80	–8.51	...
75.21	39.68	SensientTech	SXT	3.7	22	42.62	–2.85	.39
7.59	1.68	SequansComms	SQNS	...	dd	4.00	+0.03	...
46.74	5.00	SeritageGrowth	SRG	.0	dd	6.49	–15.60	.25
52.89	34.45	ServiceCorp	SCI	2.1	18	35.94	–11.49	.19
58.78	17.63	ServiceMaster	SERV	...	27	24.91	–4.59	...
362.95	213.99	ServiceNow	NOW	...	81	254.70	–32.97	...
105.84	30.01	ShakeShack	SHAK	...	55	34.78	–3.92	...
21.08	12.43	ShawComm B	SJR	6.9	13	13.19	–1.87	.0757
22.70	5.70	ShellMidstream	SHLX	17.6	6	9.96	–1.07	.46
599.95	325.43	SherwinWilliams	SHW	1.3	25	412.70	–86.63	1.34
40.59	18.10	ShinhanFin	SHG	5.8	2	18.33	–5.52	1.3575
593.89	190.38	Shopify	SHOP	...	dd	346.06	–44.84	...
48.34	28.76	Shutterstock	SSTK	1.9	65	36.50	+2.70	.17
13.27	3.16	Sibanye-Stillwater	SBSW	...	dd	3.68	–1.44	...
31.44	6.32	SignetJewelers	SIG	19.1	dd	7.74	–6.44	.37
24.13	1.50	SilverBowRscs	SBOW	...	0	2.20	+0.11	...
16.95	7.60	SilvergateCapital	SI	...	7	9.71	–0.21	...
186.40	43.52	SimonProperty	SPG	17.3	7	48.14	–41.63	2.10
88.25	54.82	SimpsonMfg	SSD	1.7	19	55.58	–14.03	.23
119.42	53.29	SiteOneLandscape	SITE	...	32	58.16	–16.84	...
59.52	8.75	SixFlags	SIX	8.5	6	11.80	–5.11	.25
44.50	17.06	SkechersUSA	SKX	...	9	21.11	–5.32	...
37.03	10.82	SkylineChamp	SKY	...	13	14.36	–4.31	...
40.58	20.21	SlackTech	WORK	...	dd	22.23	+2.64	...
55.79	30.91	Smartsheet	SMAR	...	dd	42.10	+3.79	...
56.66	34.12	SmithAO	AOS	2.8	16	34.75	–6.74	.24
52.26	26.07	Smith&Nephew	SNN	2.4	22	30.71	–3.69	.462
128.43	91.88	Smucker	SJM	3.4	19	104.17	+1.12	.88
19.76	7.89	Snap	SNAP	...	dd	10.09	–1.26	...
174.00	97.48	SnapOn	SNA	4.3	8	99.87	–26.35	1.08
39.23	15.20	SOQUIMICH	SQM	5.0	15	16.04	–6.39	.1494
6.16	3.00	Sogou	SOGO	...	15	3.39	–0.63	...
19.31	4.66	SolarisOilfield	SOI	8.7	3	4.83	–0.64	.105
21.66	11.50	SolarWinds	SWI	...	cc	12.74	–3.10	...
35.41	9.00	SonicAutomotive	SAH	3.6	3	11.01	–7.19	.10
66.57	39.83	SonocoProducts	SON	4.1	15	42.27	–4.78	.43
73.86	41.91	Sony	SNE	.5	11	53.06	–3.26	.1828
34.48	21.01	SoJerseyInd	SJI	5.2	27	22.85	–1.73	.295
54.85	38.00	SouthJerseyIndsUn	SJIU	8.7	...	41.47	+0.91	.9063
71.10	46.15	Southern	SO	5.3	10	46.36	–7.61	.62
57.75	38.55	SouthernUnSeriesA	SOLN	8.1	...	39.28	–6.46	.8438
44.82	24.49	SoCopper	SCCO	5.3	13	25.41	–3.88	.40
58.83	29.15	SouthwestAir	LUV	2.3	7	31.94	–9.34	.18
92.94	51.21	SouthwestGas	SWX	4.3	13	53.01	–5.40	.57
49.90	1.06	SouthwesternEner	SWN	...	1	2.08	+0.31	...
10.72	10.00	SpartanEnergy	SPAQ.UT	...	cc	10.11	–0.53	...
10.31	9.75	SpartanEnergy	SPAQ	...	78	9.99	–0.08	...
1.15	0.32	SpartanEnerWt	SPAQ.WT	...	...	.32	–0.03	...
66.50	19.59	SpectrumBrands	SPB	6.3	dd	26.59	–19.35	.42
88.00	57.89	Spire	SR	3.9	18	63.50	–3.12	.6225
94.47	13.69	SpiritAeroSys	SPR	.2	4	18.78	–16.67	.01
58.55	7.01	SpiritAirlines	SAVE	...	2	8.69	–6.39	...
54.63	18.37	SpiritRealtyCap	SRC	9.7	14	25.83	–12.85	.625
161.38	109.18	Spotify	SPOT	...	dd	124.36	–7.20	...
20.54	9.83	SpragueRscs	SRLP	22.5	11	11.88	–0.32	.6675
10.16	4.26	Sprint	S	...	dd	7.50	–1.21	...
87.25	32.33	Square	SQ	...	50	38.09	–19.68	...
23.38	15.58	St.Joe	JOE	...	36	15.87	–3.36	...
9.50	0.45	StageStores	SSI	...	dd	.50	–0.04	...
55.85	35.94	StandardMotor	SMP	2.7	15	37.14	–3.45	.25
81.69	37.50	StandexIntl	SXI	2.2	12	40.90	–5.30	.22
173.67	70.00	StanleyBlackDck	SWK	3.5	13	79.45	–29.64	.69
112.05	53.29	StanleyBlackDeckUn	SWP	9.2	...	58.37	–20.72	1.3438
112.04	53.58	StanleyB&DUn	SWT	8.8	...	60.14	–17.04	1.3125
31.94	20.22	Stantec	STN	2.0	18	22.96	–4.40	.1163
10.25	6.71	StarGroup	SGU	7.0	11	7.19	–0.57	.125
8.53	3.01	StarrettA	SCX	...	4	3.15	–0.40	...
8.93	3.23	Startek	SRT	...	dd	4.10	–1.57	...
26.33	7.59	StarwoodProp	STWD	18.6	6	10.34	–7.62	.48
85.89	42.10	StateStreet	STT	4.5	8	46.67	–12.19	.52
14.33	5.73	SteelPartners	SPLP	...	dd	6.19	–3.35	...
23.02	7.02	Steelcase	SCS	6.0	7	9.60	–2.74	.145
105.87	69.33	Stepan	SCL	1.5	17	75.01	–7.98	.275
168.98	111.74	Steris	STE	1.3	25	115.70	–20.59	.37
22.17	7.03	SterlingBancorp	STL	3.2	4	8.68	–3.90	.07
44.49	20.26	StewartInfo	STC	5.1	7	23.41	–9.71	.30
69.10	31.13	StifelFinancial	SF	2.0	6	34.37	–7.87	.17
31.98	14.28	STMicroelec	STM	1.2	14	16.42	–4.91	.06
4.65	0.90	StoneMor	STON	...	dd	1.20	+0.22	...
34.46	13.94	Stoneridge	SRI	...	7	15.69	–2.94	...
226.30	126.05	Stryker	SYK	1.7	25	139.38	–24.92	.575
21.22	15.38	StudioCity	MSC	...	30	16.50	–0.75	...
57.86	38.44	SturmRuger	RGR	1.6	25	45.00	+0.05	.18
24.89	8.64	SuburbanPropane	SPH	20.8	9	11.54	–3.75	.60
7.56	4.49	SumitomoMits	SMFG	6.1	5	4.67	–0.44	.1655
12.63	2.32	SummitHotelProp	INN	21.4	5	3.36	–2.64	.18
25.22	8.13	SummitMaterials	SUM	...	17	8.76	–5.97	...
10.03	0.50	SummitMidstream	SMLP	91.5	dd	.55	–0.79	.125
173.98	102.01	SunComms	SUI	2.8	63	112.21	–36.13	.79
50.13	25.00	SunLifeFinancial	SLF	6.5	8	25.37	–9.43	.415
9.17	2.78	SunCokeEnergy	SXC	7.5	dd	3.18	–0.49	.06
34.56	9.61	SuncorEnergy	SU	12.6	8	11.09	–5.15	.3149
4.32	1.35	SunlandsTech	STG	...	dd	1.50	–0.86	...
20.87	6.12	SunnovaEnergy	NOVA	...	dd	10.17	–0.98	...
34.09	10.46	Sunoco	SUN	21.6	5	15.29	–3.71	.8255
15.03	5.75	SunstoneHotelInv	SHO	9.9	14	7.48	–2.15	.05
52.20	0.70	SuperiorEnergy	SPN	...	dd	1.27	–0.54	...
6.30	0.90	SuperiorIndsIntl	SUP	.0	dd	1.05	–0.61	.09
12.47	4.43	Suzano	SUZ	2.0	dd	5.22	–1.54	.1125
17.83	9.95	Switch	SWCH	1.0	cc	12.13	–0.60	.0294
10.19	9.60	SwitchbackEner	SBE.UT	...	...	9.68	–0.22	...
10.12	9.60	SwitchbackEnerA	SBE	...	...	9.72	–0.03	...
38.18	12.15	SynchronyFin	SYF	6.6	2	13.41	–10.72	.22
153.07	52.06	Synnex	SNX	2.1	8	74.90	–17.46	.40
40.32	10.91	SynovusFin	SNV	8.5	4	15.44	–5.81	.33
85.98	26.00	Sysco	SYY	5.1	10	35.33	–11.74	.45
26.57	14.00	Systemax	SYX	3.4	13	16.29	–0.35	1.00

T

52-Week High	Low	Name	Tick Sym	Yld	P/E	Last	Chg.	Div Amt.
59.76	30.78	TAL Education	TAL	...	cc	48.36	–4.23	...
57.92	32.37	TC Energy	TRP	6.7	11	36.59	–5.77	.6121
44.65	18.00	TC PipeLines	TCP	9.1	8	28.69	–5.37	.65
101.00	48.62	TE Connectivity	TEL	3.3	12	55.56	–14.65	.46
18.31	12.55	Tegna	TGNA	2.2	10	12.84	–4.17	.07
20.91	13.76	Telus	TU	5.9	7	14.78	–1.94	.2134
29.21	9.59	Ternium	TX	10.6	3	11.37	–0.61	1.20
36.65	15.24	TFI Intl	TFII	4.0	7	18.35	–6.62	.1855
20.32	12.05	TIM Part	TSU	2.8	7	13.41	–1.18	.1259
64.95	34.36	TJX	TJX	2.5	14	37.37	–14.20	.23
21.30	4.88	TPG RE Fin	TRTX	24.5	4	7.03	–6.96	.43
18.63	5.89	TRI Pointe	TPH	...	5	6.97	–4.99	...
8.43	1.06	TailoredBrands	TLRD	.0	...	1.34	–0.72	.18
60.64	37.18	TaiwanSemi	TSM	2.8	21	44.53	–7.70	.4171
21.38	12.43	TakedaPharm	TAK	4.8	dd	13.27	–1.65	.4111
25.96	10.93	TallgrassEnergy	TGE	11.5	10	14.10	–2.50	.55
9.27	5.74	TalosEnergy	TALO	...	7	7.71	+0.91	...
21.28	5.55	Tanger	SKT	20.5	7	6.96	–1.99	.3575
36.06	10.85	Tapestry	TPR	11.2	6	12.04	–4.19	.3375
43.47	3.66	TargaResources	TRGP	49.9	dd	7.30	–5.18	.91
130.24	70.03	Target	TGT	2.7	15	97.40	–3.62	.66
109.42	56.67	TaroPharm	TARO	...	9	60.00	–5.44	...
17.14	4.52	TataMotors	TTM	...	dd	4.72	–1.37	...
54.50	26.24	TaubmanCtrs	TCO	6.2	dd	43.24	–4.88	.675
28.47	6.39	TaylorMorrison	TMHC	...	3	8.24	–6.28	...
19.00	6.70	Team	TISI	...	dd	7.21	–1.21	...
28.57	4.49	TechnipFMC	FTI	8.3	dd	6.30	–0.84	.13
25.75	5.60	TeckResB	TECK	2.1	18	7.12	–1.83	.0379
6.75	2.04	Teekay	TK	...	dd	2.20	–0.67	...
16.74	7.00	TeekayLNG	TGP	9.8	5	7.72	–1.69	.19
25.74	7.44	TeekayTankers	TNK	...	13	16.26	–3.37	...
18.89	12.28	TejonRanch	TRC	...	31	12.62	–2.28	...
158.20	48.57	TeladocHealth	TDOC	...	dd	141.74	+13.79	...
14.19	4.79	Telaria	TLRA	...	dd	5.16	–1.34	...
18.55	7.42	TelecomArgentina	TEO	15.6	dd	7.97	–3.07	.2888
398.99	195.34	TeledyneTech	TDY	...	22	233.66	–58.68	...
398.65	227.27	Teleflex	TFX	.6	25	243.84	–74.58	.34
14.69	9.00	TelefonicaBras	VIV	6.7	14	10.53	–0.41	.0322
8.70	3.75	Telefonica	TEF	7.5	22	4.56	+0.03	.2219
31.48	16.11	TelekmIndonesia	TLK	3.7	12	17.22	–5.75	.7724
34.12	14.05	TelephoneData	TDS	4.2	16	16.20	–0.66	.17
100.39	22.00	TempurSealy	TPX	...	10	33.10	–22.01	...
30.32	9.10	Tenaris	TS	5.1	8	10.61	–0.77	.26
19.42	9.29	TencentMusic	TME	...	28	9.50	–1.90	...
39.37	10.00	TenetHealthcare	THC	...	dd	12.98	–5.60	...
87.06	50.07	Tennant	TNC	1.7	21	51.45	–7.79	.22
26.09	2.63	Tenneco	TEN	...	dd	2.69	–2.81	...
46.16	17.93	Teradata	TDC	...	dd	19.41	–1.98	...
34.67	12.35	Terex	TEX	3.4	19	14.23	–1.77	.12
62.31	41.15	TerrenoRealty	TRNO	2.4	52	44.09	–6.06	.27
2.58	0.33	TetraTech	TTI	...	dd	.37	–0.05	...
17.00	6.07	TevaPharm	TEVA	...	dd	7.27	–1.13	...
915.66	295.40	TexasPacLand	TPL	2.8	9	352.86	–84.04	6.00
11.75	5.50	Textainer	TGH	...	7	6.66	–0.34	...
58.00	22.05	Textron	TXT	.4	6	22.29	–6.83	.02
342.26	223.22	ThermoFisherSci	TMO	.3	30	278.37	–21.75	.22
27.73	12.98	Thermon	THR	...	21	13.74	–2.29	...
11.95	5.64	ThirdPointReins	TPRE	...	3	6.04	–1.43	...
82.50	53.54	ThomsonReuters	TRI	2.7	18	55.33	–9.22	.38
89.45	32.40	ThorIndustries	THO	4.4	10	35.99	–13.88	.40
12.56	5.20	3D Systems	DDD	...	dd	6.03	–0.47	...
219.75	121.71	3M	MMM	4.7	16	124.89	–16.79	1.47
25.11	4.84	Tidewater	TDW	...	dd	6.32	–0.36	...
4.05	0.50	TidewaterWtA	TDW.WTA	...	...	.85	+0.20	...
3.90	0.21	TidewaterWtB	TDW.WTB	...	...	.52	–0.01	...
134.42	78.60	Tiffany	TIF	1.8	28	125.44	–2.50	.58
12.75	3.58	Tilly's	TLYS	.0	5	3.99	–1.11	1.00
58.78	22.26	Timken	TKR	4.2	6	26.60	–8.00	.28
11.95	3.20	TimkenSteel	TMST	...	dd	3.40	–0.38	...
7.25	1.35	TitanIntl	TWI	1.1	dd	1.74	–0.12	.005
49.31	13.28	TollBros	TOL	2.8	4	15.82	–11.03	.11
38.48	29.89	TootsieRoll	TR	1.0	36	35.00	+0.58	.09
125.66	54.83	TopBuild	BLD	...	12	66.21	–13.34	...
84.26	52.07	Toro	TTC	1.7	22	57.44	–12.53	.25
59.55	35.59	TorontoDomBk	TD	6.4	7	36.91	–6.51	.5928
10.08	9.50	TortoiseAcqn	SHLL	...	cc	9.62	–0.23	...
10.38	9.75	TortoiseAcqn	SHLL.UT	...	...	9.75	–0.30	...
57.99	22.13	Total	TOT	...	6	25.42	–5.80	...
10.34	3.54	TownsquareMedia	TSQ	7.6	dd	3.95	–0.77	.075
145.41	108.01	ToyotaMotor	TM	3.1	7	116.46	+0.23	1.8299
118.10	70.33	TraneTech	TT	2.8	13	75.68	–27.76	.53
8.50	3.63	Transalta	TAC	3.0	30	4.29	–0.66	.0301
41.50	16.50	TrancntlRlty	TCI	...	1	16.50	–9.00	...
673.51	200.06	TransDigm	TDG	.0	24	302.51	–112.21	32.50
9.79	1.01	Transocean	RIG	...	dd	1.04	–0.51	...
16.07	3.80	TransportadGas	TGS	...	2	4.06	–0.72	...
101.16	54.73	TransUnion	TRU	.5	30	54.98	–20.06	.075
155.09	76.99	Travelers	TRV	3.7	9	89.51	–17.94	.82
10.54	4.40	TrecoraResources	TREC	...	dd	5.44	+0.10	...
23.48	11.31	Tredegar	TG	3.6	9	13.33	+0.33	.12
67.88	33.50	TreeHouseFoods	THS	...	dd	39.59	+1.53	...
111.85	56.22	Trex	TREX	...	28	68.27	–11.90	...
10.79	9.90	TrineAcqnUn	TRNE.UT	...	cc	10.00	–0.79	...
10.15	9.40	TrineAcqn	TRNE	...	cc	9.55	–0.25	...
1.13	0.35	TrineAcqnWt	TRNE.WT	...	...	.47	–0.44	...
76.92	27.79	TriNet	TNET	...	12	36.16	–10.93	...
24.64	15.22	TrinityIndustries	TRN	4.7	15	16.18	–1.72	.19
50.14	14.16	Trinseo	TSE	8.9	8	17.94	+1.08	.40
27.64	9.13	Triple-S Mgmt	GTS	.0	3	10.08	–5.51	.00
17.17	2.80	TriplePtVent	TPVG	27.2	4	5.29	–3.30	.36
40.81	19.80	TritonIntl	TRTN	9.5	5	21.88	–2.29	.52
29.38	3.02	TriumphGroup	TGI	3.3	dd	4.81	–4.27	.04
15.50	4.29	Tronox	TROX	5.8	dd	4.86	–0.50	.07
25.75	12.02	TrueBlue	TBI	...	8	13.15	+0.16	...
56.92	24.01	TruistFinl	TFC	6.0	8	30.04	–3.79	.45
4.66	1.73	TsakosEnergy	TNP	11.5	dd	1.74	–0.73	.05
31.04	5.79	TufinSoftware	TUFN	...	dd	6.71	–0.53	...
27.09	1.15	Tupperware	TUP	.0	6	1.62	–0.43	.27
6.31	4.47	TurkcellIletism	TKC	5.5	9	4.66	–0.69	.0395
57.06	14.09	TurningPoint	TPB	1.2	24	16.35	–2.60	.05
1.77	0.30	TurquoiseHill	TRQ	...	dd	.36	–0.07	...
20.37	2.61	TutorPerini	TPC	...	dd	6.28	–2.05	...
151.00	68.06	Twilio	TWLO	...	dd	84.14	+4.15	...
33.98	7.22	TwinRiver	TRWH	5.2	5	7.65	–8.90	.10
45.86	20.00	Twitter	TWTR	...	13	23.95	–5.34	...
15.85	2.95	TwoHarbors	TWO	29.8	7	5.60	–4.45	.40
340.80	196.88	TylerTech	TYL	...	72	260.76	–26.37	...
94.24	42.57	TysonFoods	TSN	3.1	10	53.62	+1.11	.42

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52-Week High	Low	Name	Tick Sym	Yld	P/E	Last	Chg.	Div Amt.
13.55	7.48	UBS Group	UBS	8.9	7	8.16	–0.91	.73
51.25	31.46	UDR	UDR	4.3	51	32.03	–12.63	.3425
56.49	21.75	UGI	UGI	4.9	12	26.06	–6.17	.325
16.64	8.63	UMH Prop	UMH	7.3	cc	9.91	–3.60	.18
65.76	44.35	Unitil	UTL	3.4	15	44.71	–10.72	.375
19.00	3.52	USACompression	USAC	40.9	dd	5.14	–3.54	.525
51.21	23.91	US Cellular	USM	...	20	28.21	+0.77	...
11.95	1.00	USD Partners	USDP	37.4	18	3.92	–0.28	.37
43.10	8.32	US Foods	USFD	...	7	12.99	–6.69	...
148.48	45.13	US PhysTherapy	USPH	2.3	22	54.88	–35.98	.32
18.72	0.79	US Silica	SLCA	7.7	dd	1.04	–0.22	.02
7.58	2.89	US Xpress	USX	...	dd	3.01	–0.55	...
47.08	13.71	Uber	UBER	...	dd	21.33	–1.27	...
199.91	107.22	Ubiquiti	UI	.9	26	128.62	+5.70	.30
6.68	2.08	UltraparPart	UGP	3.8	26	2.42	–0.87	.0546
27.72	7.61	UnderArmour A	UAA	...	40	8.17	–2.64	...
24.55	6.80	UnderArmour C	UA	...	36	7.23	–2.25	...
27.85	7.48	Unifi	UFI	...	42	7.98	–7.47	...
217.90	121.89	Unifirst	UNF	.8	13	128.98	–40.74	.25
63.62	42.00	Unilever	UN	3.4	11	46.19	–2.28	.4517
64.84	44.44	Unilever	UL	3.8	12	47.17	–2.80	.4517
188.96	105.08	UnionPacific	UNP	3.3	14	117.84	–26.01	.97
18.13	6.39	Unisys	UIS	...	dd	10.53	+1.15	...
16.25	0.15	Unit	UNT	...	dd	.39	+0.11	...
2.85	1.85	UnitedMicro	UMC	2.9	43	2.23	–0.12	.0938
13.92	5.00	UnitedNatFoods	UNFI	...	dd	11.22	+5.50	...
125.31	82.00	UPS B	UPS	4.3	18	93.46	–0.77	1.01
170.04	58.85	UnitedRentals	URI	...	5	70.10	–20.91	...
61.11	30.00	US Bancorp	USB	5.2	8	32.57	–4.53	.42
20.53	4.54	US Steel	X	.8	dd	5.29	–0.13	.01
158.44	69.02	UnitedTech	UTX	3.6	13	82.53	–22.87	.735
306.71	200.19	UnitedHealth	UNH	2.1	14	206.59	–65.45	1.08
24.77	6.40	Univar	UNVR	...	dd	8.89	–2.38	...
63.18	39.00	Universal	UVV	7.5	12	40.46	–1.96	.76
132.41	54.54	UniversalHealth	UHT	4.1	49	67.50	–16.99	.685
157.79	65.20	UniversalHealthB	UHS	1.1	8	75.42	–29.67	.20
32.46	15.38	UnivInsurance	UVE	4.1	12	15.59	–4.57	.16
9.76	2.75	UnvlTechInst	UTI	...	dd	4.51	–0.12	...
38.00	10.34	UnumGroup	UNM	10.8	2	10.56	–4.95	.285
21.74	7.75	UrbanEdgeProp	UE	10.8	9	8.14	–5.81	.22
19.87	8.38	UrstadtBiddle	UBP	11.5	16	8.70	–4.46	.25
24.88	10.10	UrstadtProp A	UBA	10.4	20	10.79	–5.91	.28
93.43	43.01	UsanaHealth	USNA	...	11	47.75	–14.48	...

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52-Week High	Low	Name	Tick Sym	Yld	P/E	Last	Chg.	Div Amt.
10.18	3.56	VEREIT	VER	11.9	dd	4.62	–2.42	.1375
100.25	51.25	VF	VFC	3.6	16	52.78	–6.76	.48
28.75	9.85	VICI Prop	VICI	9.7	10	12.31	–5.29	.2975
6.86	1.59	VOC Energy	VOC	35.1	3	1.88	–0.53	.11
2.75	0.80	VaalcoEnergy	EGY	...	22	.86	–0.39	...
255.37	125.00	VailResorts	MTN	4.9	20	145.10	–24.74	1.76
17.52	0.39	Valaris	VAL	...	dd	.53	–0.30	...
14.19	6.61	Vale	VALE	...	dd	6.98	–1.72	...
101.99	31.00	ValeroEnergy	VLO	10.1	7	38.66	–11.24	.98
3.17	0.76	Valhi	VHI	8.1	7	.99	+0.12	.02
154.86	82.60	ValmontInds	VMI	2.0	13	91.90	–7.46	.45
23.90	9.78	Valvoline	VVV	4.2	9	10.73	–6.15	.113
24.63	6.86	Vapotherm	VAPO	...	dd	11.28	–1.26	...
150.06	98.31	VarianMed	VAR	...	31	99.52	–13.62	...
14.42	7.92	VectorGroup	VGR	7.3	18	11.00	–0.44	.20
59.24	25.63	Vectrus	VEC	...	11	32.22	–8.01	...
11.18	3.52	Vedanta	VEDL	...	3	3.65	–0.89	...
176.90	118.11	VeevaSystems	VEEV	...	70	133.45	–4.95	...
14.90	3.83	VelocityFinl	VEL	...	8	5.51	–3.50	...
7.24	1.75	VenatorMaterials	VNTR	...	dd	1.87	–0.15	...
75.40	13.35	Ventas	VTR	14.7	18	21.62	–11.71	.7925
29.42	5.25	Veoneer	VNE	...	dd	5.89	–3.06	...
28.99	5.70	Veritiv	VRTV	...	dd	8.30	+1.05	...
62.22	49.02	Verizon	VZ	4.7	11	51.80	–2.37	.615
27.48	1.50	VermilionEnergy	VET	46.3	14	2.16	–1.34	.0833
23.35	9.61	Verso	VRS	...	4	11.27	–1.85	...
13.75	4.75	Vertiv	VRT	...	cc	7.36	–1.54	...
14.76	5.80	VertivUn	VERT.UT	...	79	7.09	–2.32	...
3.86	0.48	VertivWt	VRT.WT	...	...	1.35	–0.83	...
72.27	11.54	Viad	VVI	3.4	12	11.90	–17.90	.10
27.63	3.25	VinceHolding	VNCE	...	18	3.78	–2.08	...
17.85	6.17	Vipshop	VIPS	...	17	14.60	+0.35	...
42.49	6.90	VirginGalactic	SPCE	...	dd	11.23	–3.46	...
51.94	7.30	VirginGalacticUn	SPCE.UT	...	94	13.31	–3.84	...
28.20	0.65	VirginGalacticWt	SPCE.WT	...	...	5.75	–2.32	...
214.17	139.80	Visa	V	.8	28	146.83	–29.00	.30
23.25	11.23	Vishay	VSH	3.0	11	12.58	–1.87	.095
41.90	17.55	VishayPrecision	VPG	...	11	17.95	–4.52	...
11.03	2.04	VistaOil&Gas	VIST	...	22	2.32	–1.13	...
10.42	4.29	VistaOutdoor	VSTO	...	dd	7.00	+1.53	...
27.96	11.30	VistraEnergy	VST	3.8	8	14.08	–1.41	.135
2.56	0.71	VistraEnergyWt	VST.WTA	...	...	1.12	–0.01	...
32.00	8.51	VivintSmartHome	VVNT	...	cc	10.15	–12.07	...
3.34	0.37	VivintSmartHmWt	VVNT.WT	...	...	1.00	–1.40	...
12.99	3.17	VivintSolar	VSLR	...	dd	4.02	–2.18	...
206.80	86.00	VMware	VMW	...	7	105.72	–2.16	...
35.73	15.89	VoceraComm	VCRA	...	dd	20.59	–3.03	...
70.45	28.53	VornadoRealty	VNO	8.9	2	29.66	–14.57	.66
2.45	0.60	voxeljet	VJET	...	dd	.65	–0.42	...
63.81	30.04	VoyaFinancial	VOYA	1.9	6	31.93	–12.13	.15
152.49	65.56	VulcanMatls	VMC	1.6	18	84.65	–25.12	.34

W

52-Week High	Low	Name	Tick Sym	Yld	P/E	Last	Chg.	Div Amt.
146.68	117.20	WABCO	WBC	...	27	130.78	–2.97	...
7.18	1.07	W&T Offshore	WTI	...	3	1.58	+0.16	...
109.53	72.08	WEC Energy	WEC	3.4	21	74.09	–25.33	.6325
236.52	83.00	WEX	WEX	...	38	84.87	–50.43	...
75.86	41.72	WNS	WNS	...	19	42.83	–12.72	...
93.62	38.62	W.P.Carey	WPC	8.4	28	49.36	–24.52	1.04
70.80	27.18	WPP	WPP	13.7	10	27.75	–9.31	2.4006
15.33	1.94	WPX Energy	WPX	...	5	2.82	–1.68	...
16.70	7.36	WabashNational	WNC	4.1	5	7.74	–0.95	.08
81.75	35.07	Wabtec	WAB	1.2	24	40.75	–14.20	.12
19.18	9.87	Waddell&ReedFin	WDR	8.5	8	11.81	–0.07	.25
79.74	37.63	Walker&Dunlop	WD	3.7	7	38.88	–14.37	.36
128.08	96.53	Walmart	WMT	1.9	22	113.97	–0.13	.54
33.49	11.39	WarriorMetCoal	HCC	1.7	2	11.83	–1.81	.05
5.72	1.01	WashingtonPrime	WPG	43.1	dd	1.16	–0.54	.125
32.22	21.64	WashingtonREIT	WRE	5.5	40	21.85	–4.76	.30
105.17	76.52	WasteConnections	WCN	.9	36	78.19	–10.54	.185
126.79	85.50	WasteMgt	WM	2.2	25	98.31	–7.01	.545
255.21	161.01	Waters	WAT	...	20	173.46	–11.02	...
186.87	136.45	Watsco	WSO	4.4	23	145.71	–16.87	1.60
181.50	143.00	Watsco B	WSO.B	4.3	24	150.40	–8.67	1.60
114.45	69.47	WattsWater	WTS	1.2	20	75.37	–11.83	.23
171.52	21.70	Wayfair	W	...	dd	27.24	–11.76	...
55.08	18.58	WebsterFin	WBS	7.9	5	20.20	–9.67	.40
12.05	1.06	Weidai	WEI	...	1	1.17	–0.17	...
32.17	13.00	WeingartenRealty	WRI	11.2	6	14.10	–8.42	.395
42.61	32.44	WeisMarkets	WMK	3.2	15	38.28	+1.33	.31
19.81	3.17	Welbilt	WBT	...	11	4.41	–2.41	...
54.75	25.89	WellsFargo	WFC	7.7	7	26.50	–4.39	.51
93.17	24.27	Welltower	WELL	8.2	35	42.42	–8.86	.87
61.32	13.52	WescoIntl	WCC	...	3	17.64	–7.84	...
176.66	103.05	WestPharmSvcs	WST	.5	41	130.65	–15.46	.16
58.94	20.90	WestAllianceBcp	WAL	3.8	5	26.33	–5.54	.25
11.33	2.97	WesternAssetMort	WMC	33.5	3	3.70	–4.10	.31
35.75	3.40	WesternMidstrm	WES	46.8	3	5.28	–0.52	.622
28.45	18.03	WesternUnion	WU	4.9	7	18.37	–3.76	.225
78.08	28.99	WestlakeChem	WLK	3.1	10	33.80	–0.09	.2625
26.46	10.31	WestlakeChemPtrs	WLKP	13.7	8	13.45	–1.36	.4714
20.56	8.37	WestpacBanking	WBK	13.3	7	8.94	–2.69	.551
44.39	21.50	WestRock	WRK	7.3	8	25.52	–0.35	.465
37.73	10.50	Westwood	WHG	10.5	23	16.35	–4.30	.43
31.58	14.60	Weyerhaeuser	WY	9.2	dd	14.76	–7.16	.34
34.00	18.66	WheatonPrecMet	WPM	1.7	cc	24.14	+0.03	.10
163.64	73.73	Whirlpool	WHR	6.4	4	74.45	–40.98	1.20
1168.21	629.21	WhiteMtnIns	WTM	.1	5	702.92	–133.23	1.00
14.65	5.68	WhitestoneREIT	WSR	18.6	11	6.13	–3.78	.095
30.94	0.68	WhitingPetrol	WLL	...	dd	1.31	+0.01	...
9.87	2.95	WideOpenWest	WOW	...	7	3.23	–0.60	...
50.05	30.42	Wiley A	JW.A	4.1	13	32.83	–5.10	.34
49.41	30.44	Wiley B	JW.B	4.2	13	32.73	–4.96	.34
29.55	8.41	Williams	WMB	13.9	17	11.53	–4.28	.40
77.00	26.01	Williams-Sonoma	WSM	5.3	8	36.37	–9.05	.48
63.45	16.94	Winnebago	WGO	1.9	7	22.79	–10.20	.11
4.63	2.52	Wipro	WIT	...	11	2.66	–0.40	...
37.58	12.52	WolverineWwide	WWW	2.7	10	14.93	–6.03	.10
39.01	16.41	WooriFin	WF	...	3	17.89	–2.84	...
64.11	22.01	Workiva	WK	...	dd	29.34	–0.46	...
44.37	20.49	WorldFuelSvcs	INT	1.5	10	26.53	+3.14	.10
100.45	29.10	WWEnt	WWE	1.3	43	36.50	+0.64	.12
44.69	19.28	WorthingtonInds	WOR	4.5	11	21.10	–3.94	.24
53.13	13.74	WyndhamDest	WYND	10.2	4	19.69	–11.95	.50
63.66	14.50	WyndhamHtls	WH	5.0	16	25.54	–13.52	.32

XYZ

52-Week High	Low	Name	Tick Sym	Yld	P/E	Last	Chg.	Div Amt.
6.16	0.80	XFinancial	XYF	...	1	.97	+0.17	...
100.18	38.47	XPO Logistics	XPO	...	11	40.69	–21.15	...
23.33	6.28	XeniaHotels	XHR	13.9	16	7.90	–3.03	.275
39.47	15.01	Xerox	XRX	6.1	5	16.45	–7.51	.25
5.06	1.93	XinyuanRealEst	XIN	19.5	1	2.00	–0.68	.10
89.34	59.26	Xylem	XYL	1.7	27	59.89	–12.23	.26
38.61	15.64	Yeti	YETI	...	28	16.42	–6.46	...
18.73	2.25	YPF	YPF	6.3	dd	3.50	–1.00	.1396
4.94	1.78	YamanaGold	AUY	1.9	11	2.57	–0.14	.0125
40.99	12.89	Yelp	YELP	...	33	17.80	–5.74	...
22.65	9.57	Yext	YEXT	...	dd	10.83	–2.53	...
17.44	2.83	YirenDigital	YRD	...	2	3.34	–0.72	...
29.50	12.01	Youdao	DAO	...	dd	16.94	–2.75	...
119.72	57.16	YumBrands	YUM	3.2	14	58.08	–20.38	.47
50.74	38.33	YumChina	YUMC	1.2	22	40.70	–1.03	.12
28.06	17.12	ZTO Express	ZTO	.0	24	24.69	–0.91	.29
94.89	50.23	Zendesk	ZEN	...	dd	56.88	–7.55	...
161.11	74.37	ZimmerBiomet	ZBH	1.1	16	85.98	–11.82	.24
146.26	96.02	Zoetis	ZTS	.8	32	100.94	–24.54	.20
23.97	6.21	Zuora	ZUO	...	dd	8.10	+0.41	...
52.75	14.44	Zymeworks	ZYME	...	dd	26.88	–2.09	...

NYSE ARCA

52-Week High	Low	Name	Tick Sym	Yld	P/E	Last	Chg.	Div Amt.
15.82	7.35	EmpireStateReal250	FISK	4.9	...	8.52	–1.15	.105
16.40	6.13	EmpireStateReal60	OGCP	4.9	...	8.60	–0.60	.105
15.95	6.07	EmpireStateRealES	ESBA	5.3	...	7.91	–1.97	.105
21.98	8.23	USBrentOilFd	BNO	...	...	9.07	–2.19	...
33.82	10.80	USGasolineFd	UGA	...	...	11.12	–4.99	...
24.50	12.08	USNatGas	UNG	...	...	12.53	–2.22	...
13.86	4.29	UnitedStatesOilFd	USO	...	...	4.94	–2.02	...
10.84	7.10	US12mthNtlGas	UNL	...	...	7.37	–0.47	...
24.42	11.05	US12moOilFd	USL	...	...	12.56	–2.14	...

Nasdaq Issues

Nasdaq Issues includes stocks traded on the Nasdaq Global Select and Nasdaq Global Market tiers. They are eligible for inclusion on the basis of SEC-approved market value of publicly-held shares, trading volume, price and number of market-makers.

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52-Week High	52-Week Low	Name	Tick Sym	Yld	P/E	Last	Chg.	Div Amt.
60.00	40.48	AAON	AAON	.7	44	45.39	−6.71	.16
53.70	21.56	ACADIA Pharm	ACAD	...	dd	33.37	−2.26	...
39.37	20.03	ACI Worldwide	ACIW	...	39	22.09	−4.63	...
10.14	4.07	AC Immune	ACIU	...	7	4.74	+0.07	...
51.20	12.51	ACM Research	ACMR	...	23	22.07	−0.80	...
6.31	1.45	ADMA Biologics	ADMA	...	dd	2.25	+0.09	...
19.65	6.25	AGNC Invt	AGNC	19.5	9	9.83	−2.18	.16
1.93	0.55	ALJ Regional	ALJJ	...	dd	.55	−0.25	...
13.53	4.41	AMAG Pharm	AMAG	...	dd	5.52	−0.46	...
61.13	22.83	AMC Networks	AMCX	...	4	24.73	−3.21	...
80.65	48.02	Amerisafe	AMSF	2.0	11	53.11	−4.27	.27
15.15	7.47	A-MarkPrecMet	AMRK	...	37	8.06	−0.82	...
18.62	4.10	ANGI Homesvcs	ANGI	...	72	4.82	+0.18	...
86.96	28.28	ANI Pham	ANIP	...	76	36.95	+1.01	...
299.06	174.25	Ansys	ANSS	...	41	213.11	−22.31	...
23.60	7.19	ARKRestaurants	ARKR	10.7	8	9.34	−4.87	.25
319.22	182.77	ASML	ASML	1.0	36	216.10	−40.85	1.1586
4.50	0.70	ATA Creativity	AACG	...	dd	.90	+0.05	...
70.00	37.01	ATN Intl	ATNI	1.2	dd	57.56	+6.15	.17
18.50	2.23	AveoPharma	AVEO	...	dd	2.62	−0.62	...
29.32	9.76	AVROBIO	AVRO	...	dd	13.65	−1.23	...
6.14	1.85	AXT	AXTI	...	dd	2.50	+0.16	...
337.39	130.01	Abiomed	ABMD	...	24	130.51	−12.31	...
69.00	44.38	AcaciaComms	ACIA	...	84	64.34	−2.65	...
3.50	1.75	AcaciaResearch	ACTG	...	dd	2.29	−0.01	...
35.40	11.09	AcadiaHealthcare	ACHC	...	10	12.59	−9.23	...
97.56	37.01	AcceleronPharma	XLRN	...	dd	72.00	−9.59	...
4.89	1.35	Accuray	ARAY	...	dd	1.56	−0.17	...
4.00	0.80	AcelRxPharm	ACRX	...	dd	.84	−0.19	...
7.15	0.70	AclarisTherap	ACRS	...	dd	.90	−0.03	...
14.04	0.70	AcordaTherap	ACOR	...	dd	.97	+0.10	...
64.53	41.84	ActivisionBliz	ATVI	.8	27	52.05	−6.99	.41
7.99	1.90	AdamasPharm	ADMS	...	dd	2.41	−0.29	...
6.00	0.71	AdaptimmuneTher	ADAP	...	dd	2.62	−0.10	...
55.12	15.19	AdaptiveBiotech	ADPT	...	dd	22.93	+3.23	...
104.56	43.13	AddusHomeCare	ADUS	...	39	57.50	−7.30	...
6.49	1.23	ADDvantage	AEY	...	dd	1.99	−0.44	...
386.75	255.13	Adobe	ADBE	...	45	295.34	−40.16	...
17.81	4.80	Adtran	ADTN	6.2	dd	5.80	−0.59	.09
4.59	0.90	AduroBiotech	ADRO	...	dd	2.50	−0.06	...
15.34	4.45	AdvEmissions	ADES	19.0	3	5.27	−1.55	.25
78.49	33.38	AdvEnergyInds	AEIS	...	21	35.99	−10.25	...
59.27	24.55	AdvMicroDevices	AMD	...	cc	39.61	−4.29	...
10.80	0.21	Advaxis	ADXS	...	dd	.55	+0.04	...
16.81	4.20	AdverumBiotech	ADVM	...	dd	10.50	+0.17	...
23.65	13.26	Aegion	AEGN	...	dd	13.96	−1.62	...
9.10	3.50	AegleaBioTherap	AGLE	...	dd	3.99	−0.81	...
1.70	0.37	Aemetis	AMTX	...	dd	.71	+0.11	...
49.40	11.60	AeriePharm	AERI	...	dd	11.84	−2.83	...
72.70	45.00	AeroVironment	AVAV	...	44	53.45	+3.04	...
12.56	6.03	AestheticMed	AIH	...	dd	8.65	−0.94	...
4.43	1.42	Affimed	AFMD	...	dd	1.86	+0.18	...
34.87	14.73	Afya	AFYA	...	40	15.07	−3.96	...
37.17	12.61	Agilysys	AGYS	...	dd	14.12	−6.34	...
68.89	27.77	AgiosPharm	AGIO	...	dd	33.30	−3.77	...
3.55	1.00	AgroFresh	AGFS	...	dd	1.15	−0.31	...
0.11	...	AgroFresh Wt	AGFSW	...	...	.01	−0.01	...
37.00	10.09	AimmuneTherap	AIMT	...	dd	11.51	−3.47	...
24.50	10.45	AirT	AIRT	...	19	12.75	−2.75	...
0.30	0.03	AirT Wt	AIRTW	...	...	.15	+0.08	...
25.60	13.20	AirTransportSvcs	ATSG	...	dd	17.52	+2.75	...
103.34	67.28	AkamaiTech	AKAM	...	28	82.37	−3.36	...
32.57	8.00	AkceaTherap	AKCA	...	47	12.34	−0.33	...
10.53	2.99	AkebiaTherap	AKBA	...	dd	5.84	−0.04	...
34.00	10.78	AkeroTherap	AKRO	...	dd	16.88	−2.12	...
5.46	0.37	Akorn	AKRX	...	dd	.54	−0.11	...
71.50	32.00	Alarm.com	ALRM	...	36	38.73	+2.24	...
2.28	1.49	AlaskaCommSys	ALSK	.0	17	1.55	−0.23	.09
35.93	13.64	Alector	ALEC	...	dd	29.31	+4.58	...
141.86	72.67	AlexionPharm	ALXN	...	7	80.35	−0.09	...
38.25	22.55	Alico	ALCO	1.2	5	28.94	−1.29	.09
334.64	127.88	AlignTech	ALGN	...	26	144.82	−51.06	...
17.10	...	AlimeraSciences	ALIM	...	dd	3.75	−0.60	...
37.75	11.98	Alkermes	ALKS	...	dd	13.38	−2.76	...
139.99	30.32	Allakos	ALLK	...	dd	58.92	+6.31	...
38.95	22.76	AllegianceBcshs	ABTX	1.6	10	24.92	−1.60	.10
183.26	60.06	AllegiantTravel	ALGT	4.1	5	68.82	−44.49	.70
7.31	0.53	AllenaPharm	ALNA	...	dd	.90	−0.08	...
20.65	3.03	AllianceResource	ARLP	41.2	1	3.88	−0.83	.40
60.28	40.21	AlliantEnergy	LNT	3.7	17	40.70	−10.20	.38
49.98	19.00	AlliedMotionTech	AMOT	.6	12	21.48	−11.13	.03
33.80	17.43	AllogeneTherap	ALLO	...	dd	19.25	−2.80	...
13.05	6.44	Allot	ALLT	...	dd	6.89	−2.14	...
12.02	4.56	AllscriptsHlthcr	MDRX	...	dd	5.51	−0.59	...
134.51	65.81	AlnylamPharm	ALNY	...	dd	103.85	+2.28	...
14.50	5.85	Alpha&OmegaSem	AOSL	...	cc	5.88	−2.14	...
1530.74	1027.03	Alphabet A	GOOGL	...	22	1068.21	−146.06	...
1532.11	1025.00	Alphabet C	GOOG	...	22	1072.32	−147.41	...
7.93	2.30	Alphatec	ATEC	...	dd	2.35	−1.53	...
8.24	2.05	AlpineImmune	ALPN	...	dd	2.37	−0.43	...
43.28	23.81	AltairEngg	ALTR	...	dd	25.72	−3.50	...
4.45	1.51	Altimmune	ALT	...	dd	2.94	+0.05	...
26.51	6.35	AltisourcePortf	ASPS	...	dd	8.20	−0.96	...
38.43	12.00	AltraIndlMotion	AIMC	4.5	8	15.11	−3.93	.17
6.33	0.75	AltusMidstream	ALTM	...	dd	.90	−0.28	...
20.00	8.47	AmalgamBank	AMAL	3.5	6	9.08	−2.69	.08
26.12	8.58	Amarin	AMRN	...	dd	10.64	−1.91	...
2185.95	1626.03	Amazon.com	AMZN	...	80	1846.09	+61.09	...
73.59	36.02	Ambarella	AMBA	...	dd	40.31	−4.88	...
77.29	44.63	Amdocs	DOX	2.8	13	46.66	−11.90	.3275
202.76	106.65	Amedisys	AMED	...	44	169.67	+3.70	...
23.59	10.95	AmerantBancorpA	AMTB	...	12	14.71	−0.01	...
17.50	8.01	AmerantBancorpB	AMTBB	...	7	8.95	−2.32	...
426.50	235.15	Amerco	UHAL	.0	15	241.61	−66.14	.50
8.18	4.10	AmerFirstMultifam	ATAX	10.5	11	4.75	−1.73	.125
35.24	10.01	AmerAirlines	AAL	3.9	3	10.38	−3.93	.10
15.18	4.20	AmericanFin	AFIN	15.2	dd	7.22	−0.07	.0917
41.50	21.42	AmNtlBcsh	AMNB	4.9	11	22.13	−3.55	.27
127.37	65.75	AmericanNatlIns	ANAT	4.8	3	68.02	−12.78	.82
10.94	5.41	AmerOutdoor	AOBC	...	29	7.70	−0.17	...
34.97	18.47	AmericanPubEdu	APEI	...	37	23.24	+0.80	...
16.43	8.25	AmRvrBksh	AMRB	3.4	9	8.27	−1.23	.07
19.82	9.05	AmerSoftware	AMSWA	4.0	44	11.04	−2.07	.11
14.16	4.52	AmerSupercond	AMSC	...	dd	4.64	−0.81	...
117.70	36.86	AmericanWoodmark	AMWD	...	9	43.02	−14.79	...
129.70	35.18	AmerCarMart	CRMT	...	5	40.43	−41.94	...
44.90	18.56	AmerisBancorp	ABCB	2.9	7	20.76	−4.93	.15
4.30	2.96	AmeriServFin	ASRV	3.3	9	3.04	−0.66	.025
244.99	166.30	Amgen	AMGN	3.4	15	188.25	−13.85	1.60
14.62	6.25	AmicusTherap	FOLD	...	dd	8.57	+0.30	...
15.25	5.40	AmkorTech	AMKR	...	14	6.95	−1.08	...
23.06	12.33	AmphastarPharm	AMPH	...	13	12.66	−1.53	...
7.96	3.55	AmtechSystems	ASYS	...	dd	4.04	−0.01	...
5.75	1.40	Amyris	AMRS	...	dd	2.23	+0.39	...
127.30	79.08	AnalogDevices	ADI	2.9	26	85.08	−14.71	.62
83.10	10.00	AnaptysBio	ANAB	...	dd	13.25	−2.04	...
33.96	10.00	Andersons	ANDE	4.0	32	17.36	+0.28	.175
25.48	7.48	AngioDynamics	ANGO	...	6	8.66	−0.50	...
75.72	22.01	AnikaTherap	ANIK	...	14	25.74	−6.20	...
12.18	5.22	AnPacBioMed	ANPC	...	...	7.30	−0.05	...
45.04	16.85	ApellisPharm	APLS	...	dd	24.41	−1.24	...
46.70	13.77	ApogeeEnt	APOG	5.0	11	15.13	−6.49	.1875
4.08	1.24	ApolloEnd	APEN	...	dd	2.15	+0.39	...
18.33	5.20	ApolloInv	AINV	23.2	8	7.75	−3.44	.45
148.07	74.93	AppFolio	APPF	...	86	87.60	−13.51	...
63.77	29.07	Appian	APPN	...	dd	35.42	−0.28	...
327.85	170.27	Apple	AAPL	1.3	18	229.24	−48.73	.77
10.42	2.29	AppliedGenetic	AGTC	...	dd	2.91	−0.22	...
69.44	36.64	ApplMaterials	AMAT	2.3	13	37.99	−12.90	.22
15.98	5.00	AppliedOptoelec	AAOI	...	dd	6.74	+0.63	...
57.39	7.95	AppliedTherap	APLT	...	dd	27.00	−0.83	...
53.11	15.10	ApreaTherap	APRE	...	...	32.60	−8.49	...
5.25	1.60	Aptinyx	APTX	...	dd	2.13	−0.11	...
33.28	1.66	Aptorum	APM	...	...	2.68	+0.03	...
8.59	3.18	ApyxMedical	APYX	...	dd	3.53	−2.01	...
10.00	1.41	AquestiveTherap	AQST	...	dd	1.86	+0.18	...
15.62	3.34	Aravive	ARAV	...	dd	3.64	−0.71	...
4.56	0.82	ArbutusBiopharma	ABUS	...	dd	1.44	−0.68	...
34.45	13.54	ArcBest	ARCB	1.7	13	19.29	+0.49	.08
48.32	25.55	ArchCapital	ACGL	...	7	25.97	−6.80	...
59.49	28.35	ArcoPlatform	ARCE	...	dd	40.71	−4.13	...
19.00	4.85	ArcturusTherap	ARCT	...	...	12.08	+2.77	...
40.88	17.10	ArcutisBiotherap	ARQT	...	...	33.32	+10.66	...
8.82	2.10	Ardelyx	ARDX	...	dd	5.33	+0.04	...
64.48	32.95	ArenaPharm	ARNA	...	5	38.13	−3.12	...
19.33	7.90	AresCapital	ARCC	15.4	6	10.39	−4.26	.40
169.50	103.75	arGEN-X	ARGX	...	dd	118.84	−4.49	...
38.31	23.01	ArrowFinancial	AROW	4.2	10	24.77	−3.52	.26
73.72	17.27	ArrowheadPharm	ARWR	...	51	27.79	+1.47	...
39.60	30.06	ArtesianRscs A	ARTNA	3.1	20	32.69	−1.06	.2496
54.95	14.07	Arvinas	ARVN	...	dd	39.71	−0.73	...
30.00	1.33	AscenaRetail	ASNA	...	dd	1.83	−0.08	...
145.59	90.06	AscendisPharma	ASND	...	dd	102.48	−6.84	...
2.39	0.90	AsiaPacificWire	APWC	...	dd	.96	−0.22	...
8.18	0.35	AslanPharm	ASLN	...	dd	1.00	−0.21	...
10.27	3.58	AspenGroup	ASPU	...	dd	7.75	+1.79	...
142.89	75.00	AspenTech	AZPN	...	21	76.37	−19.76	...
25.07	8.13	AssemblyBiosci	ASMB	...	dd	14.58	+0.55	...
5.76	0.55	AssertioTherap	ASRT	...	dd	.71	−0.09	...
10.44	4.27	AstaFunding	ASFI	...	7	7.65	−1.58	...
46.37	25.17	AstecIndustries	ASTE	1.5	29	28.59	−0.25	.11
44.34	7.14	Astronics	ATRO	...	5	7.37	−7.34	...
27.96	5.29	AstroNova	ALOT	4.2	29	6.73	−2.97	.07
41.93	4.52	AtaraBiotherap	ATRA	...	dd	8.10	−0.22	...
21.11	5.63	Athenex	ATNX	...	dd	6.57	−1.99	...
2.95	1.46	AtlanticAmerican	AAME	.9	dd	2.31	−0.19	.02
20.21	9.40	AtlCapitalBcshs	ACBI	...	14	9.72	−4.90	...
40.20	19.63	AtlUnionBkshs	AUB	4.8	9	20.98	−2.33	.25
32.50	17.74	AtlanticaYield	AY	7.7	34	20.86	−1.55	.41
18.28	3.22	Atlanticus	ATLC	...	2	5.49	−4.16	...
51.99	14.97	AtlasAir	AAWW	...	dd	22.93	+5.03	...
14.14	5.00	AtlasTech	ATCX	...	dd	5.01	−0.60	...
1.40	0.30	AtlasTechWt	ATCXW	...	...	.55	−0.06	...
156.12	100.25	Atlassian	TEAM	...	dd	125.90	−2.04	...
29.35	9.51	Atreca	BCEL	...	dd	16.36	−0.61	...
44.51	22.57	AtriCure	ATRC	...	dd	25.07	−5.36	...
948.03	592.55	Atrion	ATRI	1.0	31	617.10	−23.60	1.55
61.60	22.51	AuburnNatlBncp	AUBN	3.4	11	30.11	−11.32	.255
28.73	9.00	AudioCodes	AUDC	1.3	cc	19.34	+1.83	.13
21.93	3.52	AuriniaPharm	AUPH	...	dd	12.10	−0.90	...
9.05	1.50	AuroraMobile	JG	...	dd	2.19	−0.39	...
211.58	125.38	Autodesk	ADSK	...	cc	148.02	−10.01	...
32.84	3.00	AutolusTherap	AUTL	...	dd	4.49	−1.06	...
182.32	103.11	ADP	ADP	3.2	20	112.06	−32.44	.91
10.75	1.03	AvadelPharm	AVDL	...	dd	6.09	+0.08	...
16.53	7.10	AviatNetworks	AVNW	...	6	7.50	−2.05	...
10.79	5.36	AvidTechnology	AVID	...	34	5.71	−0.52	...
52.98	6.35	AvisBudget	CAR	...	3	10.98	−7.03	...
49.03	17.85	Avnet	AVT	3.6	24	23.05	−3.65	.21
3.83	2.02	Aware	AWRE	...	dd	2.50	−0.20	...
29.24	12.99	AxcelisTechs	ACLS	...	27	13.60	−6.61	...
15.99	2.25	AxcellaHealth	AXLA	...	...	3.00	−0.08	...
90.10	49.80	AxonEnterprise	AAXN	...	cc	60.78	−1.65	...
43.37	15.25	AxonicsModul	AXNX	...	dd	18.16	−7.36	...
11.52	1.41	AxovantGene	AXGT	...	dd	1.75	−0.27	...
109.94	12.51	AxsomeTherap	AXSM	...	dd	54.40	−6.84	...

B

52-Week High	52-Week Low	Name	Tick Sym	Yld	P/E	Last	Chg.	Div Amt.
6.05	1.81	BBQ Holdings	BBQ	...	8	2.00	−1.51	...
14.96	8.51	BCB Bancorp	BCBP	5.6	8	10.02	−0.08	.14
2.41	0.52	BCommunications	BCOM	...	dd	.76	−0.09	...
10.95	2.97	BELLUS Health	BLU	...	dd	8.01	−0.29	...
6.15	2.26	BGC Partners	BGCP	18.3	19	3.06	−0.71	.14
53.00	6.01	BJsRestaurants	BJRI	6.3	4	8.20	−12.09	.13
31.67	13.38	BMC Stock	BMCH	...	10	16.00	−2.91	...
88.70	36.78	BOK Fin	BOKF	5.5	5	37.24	−13.56	.51
18.50	9.48	BRP Group	BRP	...	...	11.17	−2.31	...
56.89	12.97	BRP	DOOO	1.8	6	16.87	−12.58	.0762
30.17	12.94	B RileyFin	RILY	6.7	5	14.89	−5.82	.10
186.22	82.00	Baidu	BIDU	...	cc	88.66	−11.63	...
113.93	78.30	Balchem	BCPC	.6	38	94.25	+3.25	.52
14.20	2.94	BallardPower	BLDP	...	dd	7.86	−0.40	...
63.96	26.00	BancFirst	BANF	4.3	7	29.96	−9.77	.32
90.63	42.61	Bandwidth	BAND	...	cc	64.13	+4.83	...
34.34	14.20	BankOZK	OZK	5.8	5	18.00	−3.49	.26
12.31	6.08	BankofCommerce	BOCH	3.2	8	6.32	−2.58	.05
32.75	19.09	BankofPrinceton	BPRN	1.7	16	24.00	−0.28	.10
20.04	5.58	Bank7	BSVN	5.7	9	7.00	−1.97	.10
15.63	7.33	BankFinancial	BFIN	4.8	11	8.35	−0.53	.10
30.93	15.50	BankwellFin	BWFG	3.5	7	16.00	−2.95	.14
60.21	30.10	Banner	BANR	5.4	7	30.25	−5.45	1.00
56.47	22.19	Baozun	BZUN	...	32	24.97	−3.51	...
95.64	27.25	BarrettBus	BBSI	3.7	5	32.63	−15.96	.30
18.91	5.17	BassettFurniture	BSET	8.5	dd	5.85	−1.02	.125
24.89	11.07	BayCom	BCML	...	9	13.53	−2.60	...
40.00	13.48	BeaconRoof	BECN	...	dd	13.84	−4.62	...
31.80	13.00	BeamTherap	BEAM	...	...	19.40	+2.02	...
4.15	1.28	BeasleyBroadcast	BBGI	13.2	3	1.52	−0.98	.05
19.57	4.10	BedBath	BBBY	13.6	dd	5.00	−2.29	.17
210.35	113.01	BeiGene	BGNE	...	dd	126.00	−18.60	...
23.11	6.08	BelFuse A	BELFA	3.8	dd	6.32	−1.88	.06
27.57	6.88	BelFuse B	BELFB	3.7	dd	7.61	−2.17	.07
40.50	3.32	BellicumPharm	BLCM	...	dd	3.82	−1.04	...
50.78	6.09	Benefitfocus	BNFT	...	dd	7.38	−1.84	...
35.00	15.65	BenefyttTech	BFYT	...	7	17.09	−7.60	...
13.29	1.82	Berry(bry)	BRY	19.5	5	2.46	+0.02	.12
239.71	45.00	BeyondMeat	BYND	...	dd	57.99	−15.07	...
19.79	6.24	BicycleTherap	BCYC	...	dd	10.78	−4.28	...
4.14	0.85	Big5SportingGds	BGFV	22.5	2	.89	−0.61	.05
29.28	13.23	Bilibili	BILI	...	dd	20.19	−3.18	...
223.29	157.63	Bio-Techne	TECH	.8	34	167.26	−12.36	.32
9.26	1.38	BioCryst	BCRX	...	dd	1.87	−0.34	...
7.21	2.91	BioDeliverySci	BDSI	...	dd	3.24	−0.89	...
374.99	215.78	Biogen	BIIB	...	9	278.77	−26.44	...
97.10	62.88	BioMarinPharm	BMRN	...	dd	73.05	−11.45	...
105.00	12.53	BioNTech	BNTX	...	dd	46.50	+15.57	...
70.00	44.00	BioSpecificsTech	BSTC	...	13	44.47	−11.15	...
68.86	27.35	BioTelemetry	BEAT	...	38	31.25	−5.58	...
41.79	17.63	BlackDiamond	BDTX	...	...	22.18	−1.77	...
97.35	38.22	Blackbaud	BLKB	.9	cc	51.58	−4.34	.12
74.44	38.32	BlackLine	BL	...	dd	46.44	−6.67	...
6.30	1.47	BlackRockCapInvt	BKCC	25.3	dd	2.21	−1.34	.14
14.80	4.02	BlkRkTCPCap	TCPC	24.0	12	6.01	−4.18	.36
24.29	4.54	BloominBrands	BLMN	16.6	3	4.83	−5.96	.20
37.17	8.76	Blucora	BCOR	...	9	8.95	−4.03	...
23.99	8.78	BlueBird	BLBD	...	13	12.43	−1.59	...
163.43	38.95	bluebirdbio	BLUE	...	dd	48.60	−1.87	...
1.54	0.53	BlueknightEner	BKEP	22.4	dd	.71	−0.01	.04
102.98	43.29	BlueprintMed	BPMC	...	dd	53.47	+3.43	...
25.98	6.66	BoingoWireless	WIFI	...	dd	8.65	−0.01	...
2094.00	1150.00	BookingHldgs	BKNG	...	10	1177.43	−243.90	...
13.08	5.57	BostonPrivFin	BPFH	8.3	6	5.77	−2.11	.12
57.22	27.82	Bottomline	EPAY	...	cc	31.76	−1.99	...
12.53	5.10	Brainsway	BWAY	...	...	5.85	−1.72	...
34.25	18.50	BridgeBancorp	BDGE	4.9	8	19.76	−2.85	.24
48.36	14.23	BridgeBioPharma	BBIO	...	dd	26.62	+3.56	...
38.00	14.06	BridgfordFoods	BRID	...	23	16.30	+1.20	...
12.88	5.44	Brightcove	BCOV	...	dd	6.16	−0.38	...
48.25	12.05	BrighthouseFin	BHF	...	dd	16.15	−7.11	...
331.58	155.67	Broadcom	AVGO	6.8	32	192.22	−42.00	3.25
21.22	7.95	BrookfieldProp	BPY	15.5	5	8.60	−5.05	.3325
21.19	7.75	BrookfieldPropREIT	BPYU	15.2	dd	8.75	−4.85	.3325
16.96	9.93	BrooklineBcp	BRKL	4.4	9	10.35	−1.26	.115
50.35	21.19	Brooks Auto	BRKS	1.7	60	23.00	−5.64	.10
54.49	31.32	Bruker	BRKR	.5	26	34.37	−3.21	.04
41.41	22.20	BrynMawrBank	BMTC	4.1	9	25.43	−1.94	.26
28.43	9.00	BuildersFirstSrc	BLDR	...	6	11.40	−4.50	...
26.64	9.25	BusFirstBcshs	BFST	4.0	6	9.96	−5.04	.10

C

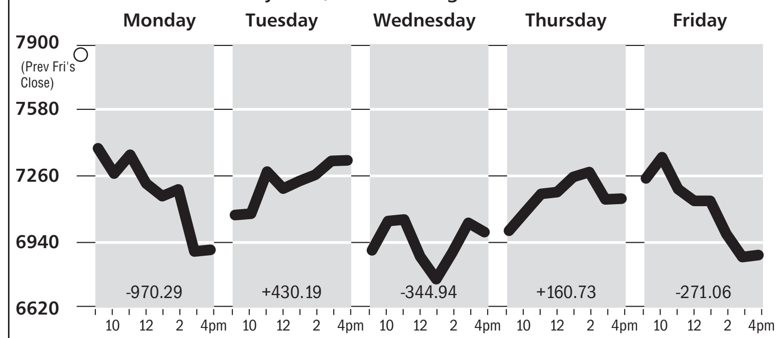
52-Week High	52-Week Low	Name	Tick Sym	Yld	P/E	Last	Chg.	Div Amt.
13.15	8.42	Cadiz	CDZI	...	dd	9.70	−0.28	...
57.61	29.71	C&F Fin	CFFI	4.4	6	34.90	−0.40	.38
30.95	17.82	CB FinSvcs	CBFV	4.9	7	19.48	−4.02	.24
33.26	12.50	CBTX	CBTX	2.7	7	15.05	−4.27	.10
63.90	29.12	CDK Global	CDK	1.9	82	30.98	−6.76	.15
146.09	75.20	CDW	CDW	1.9	16	79.56	−21.74	.38
36.62	20.45	CEVA	CEVA	...	...	21.93	−2.37	...
91.97	56.94	CH Robinson	CHRW	3.2	15	63.91	+1.54	.51
69.31	6.27	CimComm	CMCT	3.2	0	9.44	+0.16	.075
10.78	1.62	CLPS	CLPS	...	51	1.78	−0.09	...
225.36	131.80	CME Group	CME	2.1	27	158.41	−23.60	.85
33.78	16.73	CNB FinPA	CCNE	4.0	7	17.13	−2.81	.17
58.19	21.96	CRA Intl	CRAI	3.6	10	25.60	−17.89	.23
74.00	32.30	CRISPR Therap	CRSP	...	40	38.96	+1.32	...
58.69	36.33	CSG Systems	CSGS	2.5	15	38.28	−2.59	.235
3.98	0.45	CSI Compressco	CCLP	5.3	dd	.76	+0.04	.01
15.85	4.51	CSP	CSPI	10.9	dd	5.49	−2.53	.15
81.06	50.13	CSW Industrials	CSWI	.9	20	58.53	−8.45	.135
80.73	47.56	CSX	CSX	2.1	12	49.87	−8.07	.26
22.23	14.92	CVB Fin	CVBF	4.0	12	17.79	+0.78	.18
19.63	5.51	CabalettaBio	CABA	...	...	7.33	−0.67	...
169.13	85.26	CabotMicro	CCMP	2.0	41	89.07	−32.02	.44
80.40	51.39	CadenceDesign	CDNS	...	16	55.08	−7.39	...
14.74	3.22	CaesarsEnt	CZR	...	dd	5.45	−3.04	...
17.85	7.65	Caesarstone	CSTE	.0	24	8.90	+0.23	.15
47.00	30.74	Cal-MaineFoods	CALM	.7	dd	40.05	+4.43	.272
14.69	3.70	CalAmp	CAMP	...	dd	4.88	−0.23	...
100.58	48.31	CalavoGrowers	CVGW	2.1	30	53.17	−4.17	1.10
21.00	9.11	CaliforniaBncp	CALB	...	14	12.00	−3.15	...
8.04	2.45	CalitheraBiosci	CALA	...	dd	4.05	−0.15	...
5.00	0.82	CalumetSpecialty	CLMT	...	dd	1.18	−0.69	...
18.94	2.40	Calyxt	CLXT	...	dd	3.28	+0.50	...
11.75	3.60	CambiumNtwks	CMBM	...	dd	5.10	+0.60	...
48.48	29.90	CamdenNational	CAC	4.0	9	32.93	−1.21	.33
14.24	6.27	Camtek	CAMT	.0	13	7.04	−1.40	.17
13.00	2.53	Canaan	CAN	...	...	3.11	−0.26	...
25.35	12.00	CanadianSolar	CSIQ	...	4	14.71	−2.09	...
14.99	7.80	CanterburyPark	CPHC	3.5	8	8.11	−3.36	.07
15.07	6.98	CapitalBancorp	CBNK	...	8	9.90	−1.07	...
30.95	15.70	CapitalCityBank	CCBG	3.3	9	17.09	−3.53	.14
14.20	5.18	CapitalProduct	CPLP	22.9	dd	6.12	−1.82	.35
22.90	7.39	CapitalSouthwest	CSWC	17.2	12	9.31	−3.42	.10
9.99	2.80	CapitalaFinance	CPTA	32.4	dd	3.09	−0.43	.0833
14.57	10.39	CapitolFedFin	CFFN	3.2	16	10.72	−0.88	.085
17.48	7.44	CapStarFin	CSTR	2.4	7	8.32	−2.64	.05
27.55	8.88	CaraTherap	CARA	...	dd	10.52	−1.01	...
55.22	26.00	CardiovascularSys	CSII	...	dd	30.00	−1.49	...
107.50	14.14	Cardlytics	CDLX	...	dd	30.39	−20.50	...
47.41	21.68	Cardtronics	CATM	...	22	23.20	−2.72	...
41.27	13.04	CareDx	CDNA	...	dd	17.34	−2.61	...
25.54	7.16	CareTrustREIT	CTRE	8.0	25	12.56	−1.89	.25
42.82	14.25	CarGurus	CARG	...	45	16.58	−4.49	...
34.98	15.21	Carlyle	CG	6.1	7	19.39	−4.24	.25
10.65	0.98	CarrolsRestr	TAST	...	dd	1.24	−0.81	...
24.25	6.85	CarterBk&Tr	CARE	.0	7	6.90	−5.33	.14
10.10	1.85	CasaSystems	CASA	...	dd	2.58	+0.24	...
56.14	32.07	CasellaWaste	CWST	...	62	40.64	−3.19	...
181.99	122.86	CaseysGenStores	CASY	.9	24	143.80	−18.34	.32
60.97	29.20	CassInfoSys	CASS	3.5	15	30.56	−6.41	.27
39.77	15.26	CastleBiosci	CSTL	...	dd	28.10	+4.03	...
9.76	2.74	CatabasisPharm	CATB	...	dd	3.20	−0.59	...
38.91	18.50	CathayGenBncp	CATY	6.5	6	19.19	−3.87	.31
236.10	99.58	CavcoIndustries	CVCO	...	13	118.00	−28.25	...
9.84	3.53	CECO Env	CECE	...	8	3.94	−0.77	...
20.84	7.32	Cellectis	CLLS	...	dd	7.94	−2.33	...
18.99	10.98	CellularBiomed	CBMG	...	dd	14.15	+0.62	...
22.86	4.10	Celyad	CYAD	...	dd	6.04	−0.36	...
26.79	14.80	CenterStateBank	CSFL	3.3	9	16.79	−1.11	.14
28.71	7.80	Centogene	CNTG	...	dd	21.05	+4.74	...
5.03	1.80	CentralEurMedia	CETV	...	8	2.48	−1.53	...
34.69	22.40	CentralGarden	CENT	...	17	25.13	−2.17	...
32.29	20.51	CentralGardenA	CENTA	...	15	22.55	−3.31	...
9.91	3.01	CenturyAluminum	CENX	...	dd	3.15	−1.71	...
95.70	51.40	CenturyBancorpA	CNBKA	.8	10	59.68	−0.21	.12
4.38	0.99	Ceragon	CRNT	...	dd	1.32	+0.11	...
29.36	11.39	Cerence	CRNC	...	...	15.60	−2.02	...
80.90	54.54	Cerner	CERN	1.3	34	56.55	−7.88	.18
6.64	2.71	Cerus	CERS	...	dd	3.17	−0.94	...
17.57	6.18	ChangeHlthcr	CHNG	...	dd	7.82	−2.98	...
63.29	30.71	ChangeHlthcrUn	CHNGU	9.3	...	32.30	−14.19	.75
20.55	5.43	Changyou.com	CYOU	...	6	10.66	−0.09	...
95.66	15.75	ChartIndustries	GTLS	...	13	16.64	−7.40	...
546.54	343.15	CharterComms	CHTR	...	49	371.70	−82.49	...
132.76	80.06	CheckPoint	CHKP	...	16	89.75	−3.92	...
51.15	14.52	Cheesecake	CAKE	9.1	6	15.84	−7.67	.36
42.06	3.55	ChefsWarehouse	CHEF	...	7	5.54	−11.94	...
51.36	6.16	ChemoCentryx	CCXI	...	dd	36.83	−7.61	...
50.81	21.75	ChemungFinl	CHMG	4.0	8	26.01	−3.87	.26
9.25	2.88	Chiasma	CHMA	...	dd	3.34	−0.25	...
13.11	4.66	ChickenSoupA	CSSE	...	dd	5.11	−1.36	...
116.84	9.25	Children'sPlace	PLCE	12.3	4	18.25	−19.26	.56
4.40	1.19	Chimerix	CMRX	...	dd	1.29	−0.20	...
119.44	86.76	ChinaBiologic	CBPO	...	31	110.62	−4.16	...
17.80	4.04	ChinaFinance	JRJC	...	dd	4.09	−0.65	...
5.18	0.34	ChinaIndex	CIH	...	4	1.66	−0.52	...
4.25	0.35	ChinaInternet	CIFS	...	dd	.48	+0.07	...
2.62	0.63	ChinaXDPlastics	CXDC	...	1	.95	+0.05	...
24.83	13.92	ChipMOSTechs	IMOS	...	70	15.90	−1.91	...
167.53	52.90	ChurchillDowns	CHDN	.8	22	72.73	−20.04	.581
29.45	8.10	Chuy's	CHUY	...	23	8.39	−6.31	...
4.44	1.22	CidaraTherap	CDTX	...	dd	2.09	−0.20	...
145.09	51.00	Cimpress	CMPR	...	6	52.02	−24.35	...
118.19	73.08	CincinnatiFin	CINF	3.2	6	75.03	−15.55	.60
2.06	0.30	Cinedigm	CIDM	...	dd	.32	−0.03	...
304.81	160.39	Cintas	CTAS	1.5	20	175.09	−68.49	2.55
91.63	37.24	CirrusLogic	CRUS	...	22	55.90	−6.00	...
58.26	32.40	CiscoSystems	CSCO	4.0	14	35.60	−2.04	.36
24.78	7.95	CitiTrends	CTRN	3.6	6	8.82	−6.97	.08
12.75	6.01	CtznCmntyBcp	CZWI	3.0	8	6.94	−2.08	.21
23.25	16.02	CitizensHolding	CIZN	5.2	16	18.46	−2.00	.24
141.01	90.28	CitrixSystems	CTXS	1.2	24	119.33	+5.66	.35
83.07	55.22	CityHolding	CHCO	3.8	11	59.59	−3.92	.57
15.10	7.88	Clarus	CLAR	1.1	14	8.83	−1.56	.025
3.47	1.05	CleanEnerFuels	CLNE	...	15	1.48	−0.10	...
15.99	8.32	Clearfield	CLFD	...	30	9.03	−0.79	...
4.13	0.56	ClearsideBiomed	CLSD	...	dd	1.32	−0.69	...
26.33	2.93	ClovisOncology	CLVS	...	dd	4.43	−0.59	...
18.59	8.64	CoastalFinl	CCB	...	9	9.51	−4.39	...
413.39	188.81	CocaColaCon	COKE	.5	cc	192.57	−24.12	.25
22.38	8.43	Codexis	CDXS	...	dd	8.98	−0.82	...
23.60	14.19	CodorusValleyBncp	CVLY	3.9	9	16.33	−1.22	.16
87.61	51.53	CogentComm	CCOI	3.3	93	75.95	−5.45	.66
59.14	35.20	Cognex	CGNX	.5	36	42.27	−2.36	.055
74.85	43.01	CognizantTech	CTSH	2.0	13	44.10	−8.52	.22
178.08	78.21	Coherent	COHR	...	91	89.78	−21.76	...
23.91	10.86	CoherusBioSci	CHRS	...	12	13.84	−1.11	...
26.43	8.89	Cohu	COHU	2.3	dd	10.46	−4.29	.06
30.24	13.26	CollectorsUniv	CLCT	4.5	11	15.51	−2.90	.175
25.59	10.01	CollegiumPharm	COLL	...	dd	14.26	−3.10	...
92.07	36.04	ColliersIntl	CIGI	.2	17	43.67	−24.90	.05
18.95	10.66	ColonyBankcorp	CBAN	3.3	11	12.00	−0.75	.10
41.40	23.55	ColumbiaBanking	COLB	4.5	9	24.67	−3.72	.22
17.34	12.00	ColumbiaFin	CLBK	...	27	13.33	−0.21	...
109.44	51.82	ColumbiaSportswr	COLM	1.7	12	60.35	−9.88	.26
43.09	19.20	ColumbusMcKinn	CMCO	1.1	8	22.42	−5.17	.06
47.74	32.64	Comcast A	CMCSA	2.8	12	33.37	−5.96	.23
71.92	48.16	CommerceBcshrs	CBSH	2.1	15	52.17	−4.79	.27
9.77	1.48	CommVehicle	CVGI	...	3	1.79	−1.23	...
27.00	5.50	CommScope	COMM	...	dd	7.25	+0.05	...
9.90	2.50	CommsSystems	JCS	1.9	6	4.30	−1.05	.02
47.54	28.96	CmntyTrBcp	CTBI	5.1	8	29.74	−4.07	.38
11.86	6.35	CommWestBcshs	CWBC	3.5	7	6.35	−1.39	.055
66.57	24.26	CommVaultSys	CVLT	...	dd	30.69	−4.41	...
12.80	2.73	Compugen	CGEN	...	dd	6.72	−1.53	...
35.78	16.93	ComputerPrograms	CPSI	2.3	12	17.66	−4.61	.10
6.48	2.86	ComputerTask	CTG	...	11	3.34	−1.03	...
21.52	1.43	comScore	SCOR	...	dd	2.20	−0.87	...
38.00	12.45	ComtechTel	CMTL	2.8	15	14.09	−4.02	.10
17.57	5.36	ConcertPharm	CNCE	...	dd	8.18	+0.73	...
14.20	1.54	Conduent	CNDT	...	dd	1.97	−0.07	...
4.83	0.50	Conformis	CFMS	...	dd	.62	−0.10	...
4.94	2.35	Conifer	CNFR	...	dd	2.57	−0.33	...
26.50	8.86	ConnectOneBncp	CNOB	3.3	5	10.77	−4.53	.09
27.57	2.83	Conn's	CONN	...	2	4.21	−1.61	...
12.10	3.24	ConsldComm	CNSL	...	dd	3.99	−1.21	...
18.83	12.00	ConsldWater	CWCO	2.3	26	14.56	−1.08	.085
59.49	6.01	ConstellPharm	CNST	...	dd	25.90	−3.73	...
20.79	11.20	ConstructionPtrs	ROAD	...	18	14.89	+0.36	...
4.30	1.00	ConsumerPtfo	CPSS	...	8	1.86	−0.90	...
104.88	58.77	Copart	CPRT	...	20	60.15	−13.69	...
40.95	20.94	Core-Mark	CORE	2.1	18	22.81	−0.99	.12
64.45	22.22	CornerstoneOnDem	CSOD	...	dd	25.44	−7.61	...
73.84	19.35	Cortexyme	CRTX	...	dd	41.04	+7.30	...
96.45	53.29	Corvel	CRVL	...	21	54.02	−13.14	...
8.10	1.01	CorvusPharm	CRVS	...	dd	2.29	−0.11	...
746.70	452.42	CoStar	CSGP	...	64	550.96	−112.97	...
325.26	233.05	Costco	COST	.9	34	290.42	−11.85	.65
27.98	14.08	CountyBancorp	ICBK	1.8	7	15.75	−2.55	.07
178.00	85.90	CoupaSoftware	COUP	...	dd	141.42	+20.58	...
20.98	9.05	CovenantTranspt	CVTI	...	20	9.30	−1.43	...
36.61	4.05	Covetrus	CVET	...	dd	6.22	−1.97	...
18.36	5.75	Cowen	COWN	2.4	12	6.55	−3.35	.04
180.93	53.61	CrackerBarrel	CBRL	7.9	7	65.84	−33.44	1.30
17.19	7.11	CraftBrewAlliance	BREW	...	dd	12.81	−2.21	...
509.99	236.46	CreditAcceptance	CACC	...	7	258.38	−133.59	...
69.21	27.77	Cree	CREE	...	dd	34.39	+1.34	...
17.99	6.92	CrescentCapBDC	CCAP	22.2	4	7.38	−5.77	.41
12.21	2.62	Cresud	CRESY	...	...	2.75	−0.96	...
28.81	10.63	CrineticsPharm	CRNX	...	dd	13.20	+0.11	...
26.32	5.89	Criteo	CRTO	...	5	7.00	−2.06	...
43.79	8.40	Crocs	CROX	...	6	10.77	−8.57	...
21.10	4.00	Cronos	CRON	...	6	5.55	+0.29	...
13.42	6.43	CrossCtyHlthcr	CCRN	...	dd	7.75	−0.14	...
15.50	5.66	CrossFirstBkshs	CFB	...	12	9.22	+2.22	...
101.88	31.95	CrowdStrike	CRWD	...	dd	49.01	+9.46	...
6.99	3.45	CumberlandPharm	CPIX	...	dd	3.60	−0.21	...
19.51	4.38	CumulusMedia	CMLS	...	2	5.27	−1.12	...
2.90	0.65	Curis	CRIS	...	dd	.67	−0.19	...
39.15	9.12	Cutera	CUTR	...	dd	9.19	−7.04	...
148.74	69.51	CyberArkSoftware	CYBR	...	47	76.77	−6.21	...
26.75	11.55	CyberOptics	CYBE	...	cc	14.96	+0.55	...
22.85	1.69	CyclerionTherap	CYCN	...	dd	2.64	−0.03	...
13.89	1.21	CymaBayTherap	CBAY	...	dd	1.40	−0.19	...
23.55	14.57	CypressSemi	CY	2.0	cc	22.11	−1.00	.11
79.73	44.11	CyrusOne	CONE	4.4	cc	45.07	−12.38	.50
16.96	7.73	Cytokinetics	CYTK	...	dd	9.55	−1.13	...
12.63	3.60	CytomXTherap	CTMX	...	dd	4.95	−0.22	...

D

52-Week High	52-Week Low	Name	Tick Sym	Yld	P/E	Last	Chg.	Div Amt.
13.49	2.02	DBV Tech	DBVT	...	dd	3.72	−2.17	...
6.90	0.71	DIRTT Envl	DRTT	...	dd	.88	−0.22	...
44.48	17.09	DISH Network	DISH	...	8	19.97	−1.62	...
76.68	20.15	DMC Global	BOOM	2.1	11	23.91	+1.53	.125
16.30	10.26	DSP Group	DSPG	...	dd	10.95	−1.84	...
45.66	10.44	DXP Ents	DXPE	...	6	11.06	−3.43	...
7.95	4.28	Daktronics	DAKT	4.4	dd	4.57	−0.05	.05
50.12	27.55	Datadog	DDOG	...	dd	33.38	−1.88	...
59.60	4.61	Dave&Buster's	PLAY	8.2	3	7.76	−5.51	.16
2.30	0.32	DAVIDsTEA	DTEA	...	dd	.50	−0.08	...
3.20	1.02	DawsonGeophys	DWSN	...	dd	1.06	−0.18	...
71.11	19.88	DecipheraPharm	DCPH	...	dd	37.16	−4.38	...
30.41	12.39	DenaliTherap	DNLI	...	dd	17.04	+0.82	...
60.87	31.70	DentsplySirona	XRAY	1.2	28	32.82	−7.64	.10
47.43	24.35	Descartes	DSGX	...	69	30.66	−3.95	...
2.80	0.22	DestinationXL	DXLG	...	dd	.33	−0.19	...
3.09	2.35	Deswell	DSWL	3.3	14	2.42	−0.21	.08
306.71	107.44	DexCom	DXCM	...	cc	209.50	−34.52	...
150.00	81.93	DiamondHillInvt	DHIL	.0	5	86.65	−15.71	9.00
114.14	14.55	DiamondbkEner	FANG	8.1	13	18.59	−8.60	.375
27.68	10.70	DicernaPharma	DRNA	...	dd	15.17	−1.22	...
18.99	6.18	DigiIntl	DGII	...	41	7.74	−2.45	...
66.50	9.92	Digimarc	DMRC	...	dd	11.49	−0.09	...
10.70	2.27	Digirad	DRAD	...	dd	3.86	+0.24	...
22.50	12.11	DimeComBcshrs	DCOM	4.5	12	12.32	−1.93	.14
59.70	30.51	Diodes	DIOD	...	11	33.12	−3.56	...
41.60	24.80	DiscoveryB	DISCB	...	9	24.80	−5.20	...
33.66	17.70	DiscoveryA	DISCA	...	7	18.76	−4.13	...
31.20	15.77	DiscoveryC	DISCK	...	6	16.87	−4.42	...
11.76	2.00	DiversifiedHlthcr	DHC	24.0	dd	2.50	−1.29	.15
2.09	0.34	DixieGroup	DXYN	...	1	.97	−0.05	...
92.55	43.13	DocuSign	DOCU	...	dd	79.70	+2.38	...
4.23	1.00	Dogness	DOGZ	...	19	1.02	−0.06	...
119.71	60.20	DollarTree	DLTR	...	22	75.97	+1.27	...
47.08	7.62	Domo	DOMO	...	dd	8.31	−4.40	...
15.43	11.22	DonegalGroup A	DGICA	5.0	7	11.60	−1.92	.145

FIVE-DAY NASDAQ COMPOSITE

Sick Days: The coronavirus and falling oil prices savaged markets. Even Tesla felt the chill and halted its U.S. production. The Nasdaq Composite Index finished Friday at 6,880—sinking 13% for the week.



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Nasdaq Issues

52-Week High	52-Week Low	Name	Tick Sym	Yld	P/E	Last	Chg.	Div Amt.
14.80	10.60	DonegalGroupB	DGICB	4.4	8	11.61	+0.10	.1275
21.46	8.71	DorchesterMnls	DMLP	19.4	6	9.56	-1.85	.3612
95.72	46.98	DormanProducts	DORM	...	23	57.93	-2.36	...
11.88	6.50	DouYuIntl	DOYU	...	...	7.25	-0.46	...
26.20	14.55	Dropbox	DBX	...	dd	17.59	-0.76	...
24.52	2.82	DuluthHoldings	DLTH	...	8	4.81	-0.86	...
84.74	38.51	Dunkin'	DNKN	4.1	14	39.68	-22.27	.4025

E

52-Week High	52-Week Low	Name	Tick Sym	Yld	P/E	Last	Chg.	Div Amt.
10.62	5.50	ECMOHO	MOHO	...	37	8.00	+0.65	...
5.42	1.46	EDAP TMS	EDAP	...	24	1.98	-0.36	...
17.73	10.47	ESSA Bancorp	ESSA	3.3	11	13.29	+0.67	.11
57.30	25.76	E*TRADE	ETFC	1.9	8	28.98	-7.13	.14
31.93	10.12	EVO Payments	EVOP	...	dd	14.18	-5.74	...
4.97	2.00	EXFO	EXFO	...	25	2.15	-0.54	...
22.98	11.74	EagleBncpMT	EBMT	2.4	9	15.57	-0.11	.095
5.92	1.52	EagleBulkShip	EGLE	...	dd	1.87	-0.35	...
64.94	33.80	EaglePharm	EGRX	...	37	36.87	-2.44	...
52.97	27.29	EastWestBncp	EWBC	3.7	6	29.55	-2.41	.275
31.97	18.75	Eastern	EML	2.3	9	19.10	-6.47	.11
42.00	27.21	eBay	EBAY	2.3	13	27.58	-6.41	.16
53.94	8.75	Ebix	EBIX	2.2	4	13.50	-2.79	.075
25.95	14.17	EchoGlobalLog	ECHO	...	29	16.23	-0.65	...
45.15	25.23	EchoStar	SATS	...	dd	30.01	-1.10	...
34.37	14.01	EditasMedicine	EDIT	...	dd	19.08	-0.27	...
9.65	3.07	EducDev	EDUC	5.3	5	3.74	-0.64	.05
14.57	7.84	EHang	EH	...	...	10.16	+0.11	...
152.19	49.19	eHealth	EHTH	...	39	102.76	-19.98	...
66.56	20.83	EidosTherap	EIDX	...	dd	44.74	+0.94	...
15.82	4.55	EigerBioPharma	EIGR	...	dd	5.59	-0.32	...
47.25	14.00	89bio	ETNB	...	...	23.54	+0.52	...
16.65	6.15	ElPolloLoco	LOCO	...	12	7.88	-1.54	...
167.75	110.00	ElbitSystems	ESLT	1.5	29	119.71	-3.11	.44
70.74	6.02	EldoradoResorts	ERI	...	9	8.82	-9.40	...
9.10	0.32	electroCore	ECOR	...	dd	.49	-0.05	...
114.13	85.69	ElectronicArts	EA	...	9	86.94	-10.12	...
13.46	2.01	EloxxPharm	ELOX	...	dd	2.52	-0.33	...
4.25	1.46	Emcore	EMKR	...	dd	1.46	-0.62	...
6.34	1.71	EmmisComm	EMMS	...	dd	1.95	-1.04	...
101.27	38.40	EnantaPharma	ENTA	...	29	46.76	-7.17	...
40.16	15.27	EncoreCapital	ECPG	...	4	20.06	-15.39	...
62.08	38.66	EncoreWire	WIRE	.2	14	39.12	-4.72	.02
9.10	1.97	EndoIntl	ENDP	...	dd	3.01	-0.92	...
8.14	0.60	Endologix	ELGX	...	dd	.72	-0.21	...
7.74	1.31	EnduranceIntl	EIGI	...	dd	1.49	-0.80	...
12.04	6.27	EnergyRecovery	ERII	...	33	6.50	-0.99	...
59.15	8.57	EnphaseEnergy	ENPH	...	21	26.00	-6.86	...
58.92	24.06	EnsignGroup	ENSG	.6	17	33.28	+1.89	.05
213.99	94.58	EnstarGroup	ESGR	...	3	123.60	-33.60	...
9.25	1.75	EntasisTherap	ETTX	...	dd	2.71	+0.01	...
59.05	33.75	Entegris	ENTG	.8	21	39.03	-8.34	.08
34.75	22.00	EnterpriseBncp	EBTC	3.0	8	23.00	-8.00	.175
48.81	25.72	EnterpriseFinSvcs	EFSC	2.7	7	26.25	-3.74	.18
27.82	9.74	Epizyme	EPZM	...	dd	14.97	-1.85	...
99.63	42.53	ePlus	PLUS	...	9	47.32	-13.16	...
4.74	2.40	EpsilonEnergy	EPSN	...	8	2.54	-0.22	...
8.66	2.42	Equillium	EQ	...	dd	3.23	+0.25	...
657.00	440.72	Equinix	EQIX	2.1	84	506.52	-114.57	2.66
31.91	13.63	EquityBcshs	EQBK	...	10	16.31	-3.30	...
270.23	130.20	ErieIndemnityA	ERIE	2.2	29	177.41	+22.66	.965
8.49	3.85	ErytechPharma	ERYP	...	dd	4.27	-0.08	...
12.49	5.65	Escalade	ESCA	8.3	12	6.00	-1.26	.125
76.98	24.82	EsperionTherap	ESPR	...	dd	34.16	-0.27	...
10.20	2.50	EtonPharm	ETON	...	dd	3.10	-0.80	...
71.80	31.00	Etsy	ETSY	...	42	31.69	-17.32	...
171.25	61.27	EuronetWorldwide	EEFT	...	13	78.32	-13.47	...
10.09	3.01	EveloBiosci	EVLO	...	dd	3.42	-0.11	...
3.79	1.01	Ever-Glory	EVK	...	3	1.01	-0.24	...
127.08	59.85	Everbridge	EVBG	...	dd	100.27	-7.63	...
48.23	7.27	EverQuote	EVER	...	dd	26.88	-7.28	...
9.24	1.75	EverspinTech	MRAM	...	dd	2.38	-0.17	...
2.65	0.75	Evogene	EVGN	...	dd	.91	-0.12	...
29.40	3.12	Evolus	EOLS	...	dd	3.63	-1.33	...
29.86	11.54	Exagen	XGN	...	dd	15.90	-2.80	...
25.20	13.67	Exelixis	EXEL	...	15	15.15	-1.62	...
51.18	29.42	Exelon	EXC	4.9	10	31.00	-5.36	.3825
79.78	41.29	ExlService	EXLS	...	22	42.80	-15.65	...
9.60	3.55	ExOne	XONE	...	dd	5.40	+1.25	...
12.55	6.51	eXpWorld	EXPI	...	dd	7.33	-2.89	...
144.00	40.76	Expedia	EXPE	2.8	13	48.80	-20.83	.34
81.64	52.85	ExpeditorsIntl	EXPD	1.8	16	54.94	-10.21	.50
82.82	54.38	Exponent	EXPO	1.3	39	60.21	-7.48	.19
18.76	5.35	ExtendedStayAmer	STAY	13.0	20	7.08	-0.04	.23
5.67	0.21	ExtractionOil	XOG	...	dd	.84	+0.56	...
8.50	1.43	ExtremeNetworks	EXTR	...	dd	2.27	-1.38	...
2.69	0.81	EyePointPharm	EYPT	...	dd	.92	-0.15	...
11.25	3.42	Ezcorp	EZPW	...	30	3.84	-0.43	...

F

52-Week High	52-Week Low	Name	Tick Sym	Yld	P/E	Last	Chg.	Div Amt.
64.99	35.39	FARO Tech	FARO	...	dd	36.28	-11.04	...
168.94	79.78	F5Networks	FFIV	...	15	100.14	-5.56	...
60.89	30.00	FRP Holdings	FRPH	...	22	35.06	-2.82	...
224.20	137.10	Facebook	FB	...	23	149.73	-20.55	...
16.60	5.66	FangddNetwork	DUO	...	26	9.94	-0.41	...
35.55	16.19	Fanhua	FANH	6.0	37	18.75	+1.13	.30
22.08	5.94	FarmerBros	FARM	...	dd	6.89	-1.78	...
39.31	28.38	Fastenal	FAST	3.5	21	28.74	-5.35	.25
32.39	12.59	FateTherap	FATE	...	dd	22.38	+1.65	...
17.91	10.07	FedNat	FNHC	3.3	cc	10.80	+0.04	.09
2.48	0.35	Ferroglobe	GSM	...	dd	.40	-0.06	...
55.71	22.65	FibroGen	FGEN	...	dd	24.87	-6.70	...
70.00	40.30	FidelityD&D	FDBC	2.4	15	46.99	+0.19	.28
14.53	2.72	FiestaRestaurant	FRGI	...	dd	5.13	-0.20	...
31.64	11.10	FifthThirdBncp	FITB	8.4	4	12.91	-4.72	.27
97.08	57.12	51job	JOBS	...	55	60.52	-4.45	...
33.28	12.78	FinInstitutions	FISI	7.2	5	14.50	-5.10	.26
18.34	7.54	FireEye	FEYE	...	dd	9.81	-0.20	...
41.34	18.57	FirstBancorpNC	FBNC	3.4	7	20.93	-4.01	.18
30.64	18.22	FirstBancorp	FNLC	6.1	8	19.61	-0.25	.30
35.88	15.88	FirstBancshares	FBMS	2.4	7	16.85	-5.36	.10
11.82	6.01	FirstBank	FRBA	1.9	8	6.42	-1.73	.03
28.00	11.00	FirstBusey	BUSE	6.2	8	14.17	-3.56	.22
27.35	13.45	FirstBusFinSvcs	FBIZ	4.5	5	14.61	-3.03	.165
542.12	276.08	FirstCitizBcshA	FCNCA	.6	7	282.90	-67.14	.40
25.23	18.35	FstCmntyBcsh	FCBC	4.5	9	22.46	-0.40	.25
22.91	10.32	1stConstBncp	FCCY	2.8	8	12.75	-1.88	.09
32.39	10.98	FirstDefiance	FDEF	6.9	5	12.77	-6.46	.22
26.19	11.82	FirstFinBncpOH	FFBC	6.9	7	13.30	-2.88	.23
36.45	20.70	FirstFinBkshs	FFIN	2.0	20	24.42	-1.80	.12
46.93	28.63	FirstFinIN	THFF	3.5	8	29.30	-8.12	.52
17.24	8.76	FirstFinNW	FFNW	4.5	9	8.86	-2.18	.10
17.64	8.46	FirstFoundation	FFWM	3.3	7	8.52	-2.95	.07
22.38	11.33	FirstGuarBcshs	FGBI	3.8	12	17.04	+2.26	.16
31.25	17.06	FirstHawaiian	FHB	6.9	8	17.39	-1.75	.26
28.80	12.13	FirstInternetBncp	INBK	1.8	5	13.20	-4.70	.06
43.83	24.89	FirstInterBanc	FIBK	5.2	9	26.06	-2.30	.60
42.48	22.86	FirstMerchants	FRME	4.2	8	24.88	-4.07	.26
36.45	20.00	FirstMidBcshs	FMBH	3.9	7	20.42	-2.61	.40
23.64	12.45	FirstMidwestBncp	FMBI	4.3	7	13.04	-1.66	.14
18.25	9.60	FirstNWBncp	FNWB	1.8	12	10.86	-2.57	.05
69.24	28.47	FirstSolar	FSLR	...	dd	33.69	-2.27	...
53.42	27.14	1stSource	SRCE	4.2	8	27.79	-5.21	.29
24.99	12.12	FirstUnited	FUNC	4.1	7	12.77	-3.39	.13
18.98	11.70	FirstWesternFin	MYFW	...	13	13.00	-1.99	...
106.80	62.00	FirstCash	FCFS	1.7	17	64.89	-18.90	.27
13.72	2.72	FirsthandTechVal	SVVC	...	dd	3.03	-1.54	...
114.87	66.70	FirstService	FSV	1.0	dd	67.33	-19.78	.165
125.05	73.50	Fiserv	FISV	...	45	81.77	-21.65	...
148.22	47.53	FiveBelow	FIVE	...	17	52.46	-24.10	...
80.58	46.09	Five9	FIVN	...	dd	62.59	-0.76	...
13.84	1.75	FivePrimeTherap	FPRX	...	dd	2.30	-0.09	...
14.00	5.36	Flex	FLEX	...	dd	6.66	-1.49	...
22.98	5.01	FlexionTherap	FLXN	...	dd	6.00	-3.74	...
25.90	10.01	Flexsteel	FLXS	7.6	dd	11.59	+0.32	.22
59.44	24.75	FlirSystems	FLIR	2.7	20	25.52	-6.56	.17
7.47	1.02	Fluent	FLNT	...	dd	1.20	-0.23	...
14.52	1.17	Fluidigm	FLDM	...	dd	1.24	-1.48	...
23.23	8.86	FlushingFin	FFIC	7.9	7	10.68	-4.10	.21
39.37	12.17	FocusFinPtrs	FOCS	...	dd	17.13	-1.95	...
46.04	20.66	ForescoutTechs	FSCT	...	dd	28.07	-3.07	...
28.58	14.20	FormFactor	FORM	...	33	16.66	-3.33	...
75.23	36.75	FormulaSys	FORTY	1.7	17	42.00	-1.00	.3245
51.75	22.45	ForresterResearch	FORR	...	dd	22.81	-7.54	...
15.42	3.45	Forterra	FRTA	...	dd	4.25	-3.60	...
121.82	68.87	Fortinet	FTNT	...	46	84.91	+2.27	...
95.12	5.53	FortySeven	FTSV	...	dd	91.84	-1.42	...
72.09	39.59	ForwardAir	FWRD	1.7	14	43.19	-7.94	.18
15.01	2.84	Fossil	FOSL	...	dd	4.18	-0.27	...
27.80	7.96	FosterLB	FSTR	...	3	11.41	-0.18	...
39.99	20.78	FoxA	FOXA	2.2	7	20.99	-5.16	.23
38.91	19.92	FoxB	FOX	2.3	7	20.05	-5.33	.23
86.91	43.90	FoxFactory	FOXF	...	20	48.41	-3.09	...
21.95	1.89	Francesca's	FRAN	...	dd	2.88	-0.70	...
27.49	5.75	Franchise	FRG	15.5	11	6.47	-9.54	.25
61.49	42.54	FranklinElec	FELE	1.4	22	44.60	-2.26	.155
7.98	0.73	FreightCarAmer	RAIL	...	dd	.76	-0.19	...
12.55	5.95	FrequencyElec	FEIM	...	dd	7.50	+0.09	...
28.78	11.17	FrequencyTherap	FREQ	...	...	19.85	+2.34	...
81.29	35.95	Freshpet	FRPT	...	dd	52.30	-6.79	...
53.30	31.11	frontdoor	FTDR	...	19	33.76	-3.44	...
2.90	0.18	FrontierComm	FTR	...	dd	.90	+0.56	...
3.06	0.40	FuelTech	FTEK	...	dd	.42	-0.05	...
4.44	0.13	FuelCell	FCEL	...	dd	1.22	+0.07	...
22.96	4.37	FulcrumTherap	FULC	...	dd	11.03	-5.00	...
20.60	4.71	FulgentGenetics	FLGT	...	dd	8.88	+0.34	...
18.00	10.76	FultonFin	FULT	4.4	8	11.78	-1.16	.13
27.89	3.61	Funko	FNKO	...	11	4.05	-0.97	...
19.27	8.44	Futu	FUTU	...	46	8.67	-1.83	...

G

52-Week High	52-Week Low	Name	Tick Sym	Yld	P/E	Last	Chg.	Div Amt.
79.06	26.51	GCI LibertyA	GLIBA	...	2	42.49	-14.99	...
65.34	30.90	GDS Holdings	GDS	...	dd	51.46	-2.33	...
41.80	8.80	G1Therapeutics	GTHX	...	dd	10.65	-1.81	...
96.50	21.49	GRAVITY	GRVY	...	4	23.40	-1.37	...
9.00	4.75	GSI Tech	GSIT	...	dd	5.47	+0.10	...
196.00	67.98	GWPharm	GWPH	...	dd	74.89	-8.40	...
11.00	4.70	Gaia	GAIA	...	dd	6.44	+0.89	...
274.03	94.75	Galapagos	GLPG	...	29	147.55	-28.65	...
19.50	5.58	GaleraTherap	GRTX	...	...	8.67	-0.09	...
12.30	2.60	GamidaCell	GMDA	...	dd	3.14	-0.36	...
50.99	13.04	Gaming&Leisure	GLPI	14.6	11	19.13	-14.06	.70
105.58	65.62	Garmin	GRMN	3.5	13	66.03	-11.31	.57
13.50	9.38	GencorIndustries	GENC	...	11	9.52	-0.78	...
11.24	5.00	GeneralFin	GFN	...	9	5.05	-2.77	...
26.25	9.73	Genfit	GNFT	...	...	13.63	+0.68	...
25.42	16.24	Genmab	GMAB	...	52	19.23	-0.63	...
8.17	3.36	GenMarkDiagn	GNMK	...	dd	5.36	+0.39	...
31.27	19.82	Gentex	GNTX	2.3	13	20.72	-4.49	.12
49.95	27.31	Gentherm	THRM	...	25	28.31	-7.36	...
17.66	4.61	GeospaceTech	GEOS	...	15	4.86	-1.23	...
36.17	23.87	GermanAmerBncp	GABC	3.0	11	25.24	-1.43	.19
2.14	0.75	Geron	GERN	...	dd	1.10	+0.14	...
56.58	30.60	GibraltarInds	ROCK	...	18	36.54	-4.31	...
43.98	2.96	GIIIApparel	GIII	...	2	6.06	-9.12	...
10.76	4.70	GilatSatellite	GILT	...	8	5.47	-2.14	...
85.97	60.89	GileadSciences	GILD	3.7	17	73.26	+2.51	.68
46.51	26.66	GlacierBancorp	GBCI	4.0	12	28.91	-2.82	.29
10.69	4.04	GladstoneCap	GLAD	14.9	7	5.63	-1.60	.07
23.98	7.59	GladstoneComm	GOOD	15.7	dd	9.54	-5.68	.1252
15.34	6.43	GladstoneInvt	GAIN	10.6	8	7.72	-1.83	.07
14.44	9.61	GladstoneLand	LAND	5.1	dd	10.51	-0.74	.0447
87.54	39.95	GlbBloodTherap	GBT	...	dd	45.06	-9.31	...
34.65	23.49	GlobalIndemnity	GBLI	4.1	5	24.23	-4.01	.25
14.99	8.51	GlobalWaterRscs	GWRS	2.9	98	10.14	-1.03	.0241
11.75	3.98	GluMobile	GLUU	...	cc	6.09	+1.05	...
13.56	1.82	GlycoMimetics	GLYC	...	dd	2.08	-0.46	...
7.23	1.54	Gogo	GOGO	...	dd	2.70	+0.47	...
13.15	1.50	GolarLNGPartners	GMLP	67.7	dd	2.39	-0.79	.4042
22.32	5.60	GolarLNG	GLNG	.0	dd	6.97	-0.52	.15
21.67	3.75	GoldenEnt	GDEN	...	dd	3.78	-5.08	...
6.92	2.74	GoldenOcean	GOGL	11.6	11	2.79	-0.61	.05
19.14	9.90	GolubCapital	GBDC	11.8	dd	11.19	-4.13	.33
20.70	4.09	Goodyear	GT	11.2	dd	5.69	-1.52	.16
63.07	25.74	GooseheadIns	GSHD	...	cc	45.00	-0.86	...
7.65	2.00	GoPro	GPRO	...	dd	2.48	-0.24	...
27.15	7.52	GossamerBio	GOSS	...	dd	9.50	-1.23	...
132.72	57.89	GrandCanyonEduc	LOPE	...	17	60.79	-15.20	...
9.05	2.25	GreatElmCap	GECC	33.2	dd	3.00	-2.02	.083
4.74	1.31	GreatElmCap	GEC	...	dd	1.66	-0.52	...
11.96	6.75	GreatLakesDredge	GLDD	...	10	8.06	+0.47	...
64.48	33.68	GreatSouthernBncp	GSBC	4.0	7	33.92	-8.06	.34
17.74	3.77	GreenPlains	GPRE	.0	dd	4.61	-1.52	.12
16.13	3.47	GreenPlainsPtrs	GPP	49.9	3	3.81	-5.80	.475
20.00	1.02	Greenlane	GNLN	...	dd	1.93	-0.43	...
12.60	5.00	GreenlightCapRe	GLRE	...	dd	5.52	-1.20	...
16.42	3.06	GreenSky	GSKY	...	8	3.81	-1.44	...
3.80	0.24	Gridsum	GSUM	...	dd	.60	-0.14	...
48.88	28.99	GriffinIndlRealty	GRIF	1.4	49	34.77	-5.00	.50
25.73	13.40	Grifols	GRFS	1.6	18	18.13	-1.31	.1642
7.97	2.49	GrindrodShipping	GRIN	...	dd	2.85	-0.26	...
15.94	5.44	GritstoneOncology	GRTS	...	dd	5.67	-0.52	...
47.57	27.75	GroceryOutlet	GO	...	dd	30.82	+0.56	...
3.82	0.48	Groupon	GRPN	...	dd	.55	-0.28	...
67.07	24.16	GrAeroportuario	OMAB	6.1	9	24.42	-12.04	1.6884
34.16	20.02	GuarantyBcshs	GNTY	3.2	10	22.20	-2.50	.18
26.93	14.00	GuarFedBcsh	GFED	3.7	8	16.40	-5.10	.15
112.22	55.90	GuardantHealth	GH	...	dd	64.05	-6.69	...
9.41	2.88	GulfIslandFab	GIFI	...	dd	3.52	-0.32	...
7.40	2.25	Gulf Resources	GURE	...	dd	3.08	-0.09	...
8.24	0.35	GulfportEnergy	GPOR	...	dd	.71	-2.03	...

H

52-Week High	52-Week Low	Name	Tick Sym	Yld	P/E	Last	Chg.	Div Amt.
37.85	9.12	H&E Equipment	HEES	10.0	5	11.05	-3.59	.275
20.71	11.22	HBT Finl	HBT	1.3	...	11.65	-0.85	.15
47.13	21.69	HD Supply	HDS	...	10	26.70	-4.96	...
23.34	16.55	HMN Fin	HMNF	...	10	17.08	-1.18	...
40.67	18.20	HMS Holdings	HMSY	...	23	23.08	+1.96	...
14.76	5.80	Hookipa	HOOK	...	dd	8.24	+0.77	...
18.90	9.50	HackettGroup	HCKT	3.6	14	10.02	-2.14	.18
75.43	31.85	HailiangEduc	HLG	...	21	35.41	-7.95	...
27.69	17.94	HainCelestial	HAIN	...	dd	24.73	+3.42	...
20.30	2.35	HallmarkFin	HALL	...	3	3.87	-1.62	...
22.06	12.71	HalozymeTherap	HALO	...	dd	15.57	-1.69	...
74.01	36.27	HamiltonLane	HLNE	2.5	25	44.03	-14.23	.275
44.74	15.20	HancockWhitney	HWC	7.0	4	15.50	-7.57	.27
24.09	8.00	HanmiFinancial	HAFC	10.5	9	9.18	-2.76	.24
11.20	7.01	HarborOneBncp	HONE	...	22	7.17	-1.28	...
8.57	4.44	Harmonic	HLIT	...	dd	4.94	-0.09	...
21.47	9.07	HarpoonTherap	HARP	...	dd	11.74	-0.51	...
4.66	1.39	HarvardBioSci	HBIO	...	dd	1.50	-0.73	...
126.87	41.33	Hasbro	HAS	5.9	12	46.11	-8.91	.68
31.34	7.55	HawaiianHoldings	HA	5.5	2	8.65	-5.48	.12
47.94	26.82	Hawkins	HWKN	2.8	13	33.64	-3.70	.2325
27.75	13.45	HawthornBcsh	HWBK	2.5	7	19.00	+0.31	.12
39.04	17.61	HaynesIntl	HAYN	4.9	15	17.93	-3.09	.22
27.62	12.25	Headhunter	HHR	5.0	33	14.63	-1.59	.50
49.85	17.48	HealthCatalyst	HCAT	...	dd	23.45	+0.06	...
34.98	15.80	HealthcareSvcs	HCSG	3.7	25	21.58	-1.01	.2013
88.78	34.40	HealthEquity	HQY	...	69	44.31	-9.68	...
29.78	20.03	HealthStream	HSTM	...	47	20.76	-3.88	...
22.71	15.65	HeartlandExp	HTLD	.5	19	16.73	-0.62	.02
51.85	27.71	HeartlandFinUSA	HTLF	2.9	7	28.05	-6.41	.20
42.30	19.03	HeidrickStrug	HSII	2.8	9	21.35	-1.30	.15
198.59	104.02	HelenofTroy	HELE	...	15	111.60	-24.67	...
53.60	31.87	HeliosTechnologies	HLIO	.9	21	39.30	+1.55	.09
15.34	8.36	HemisphereMedia	HMTV	...	dd	8.68	-0.77	...
73.99	42.27	HenrySchein	HSIC	...	13	45.01	-11.70	...
13.14	6.37	HeritageCommerce	HTBK	7.9	7	6.56	-1.64	.13
32.58	11.30	HeritageCrystal	HCCI	...	38	13.41	-4.21	...
31.81	18.18	HeritageFin	HFWA	4.2	11	19.24	-2.30	.20
3.80	0.25	Hexindai	HX	...	dd	.36	...	...
30.98	7.33	HibbettSports	HIBB	...	7	9.85	-4.68	...
5.10	1.70	HimaxTechs	HIMX	...	dd	2.52	-0.53	...
216.82	142.00	HinghamSvg	HIFS	1.0	9	160.00	-3.96	.60
24.10	9.64	HollysysAuto	HOLI	2.1	5	9.83	-3.24	.21
55.25	26.49	Hologic	HOLX	...	34	31.05	-9.53	...
40.80	19.98	HomeBancorp	HBCP	4.4	7	20.22	-3.66	.22
21.04	11.20	HomeBancShares	HOMB	4.6	6	11.20	-2.77	.13
35.44	19.66	HomeStreet	HMST	3.0	12	19.94	-3.17	.15
27.79	11.94	HomeTrustBcshs	HTBI	2.2	8	12.48	-6.92	.07
31.50	11.05	HomologyMed	FIXX	...	dd	13.72	-1.17	...
31.22	12.63	HookerFurniture	HOFT	4.7	7	13.60	-1.47	.16
15.51	7.68	HopeBancorp	HOPE	7.1	6	7.91	-1.66	.14
19.48	7.89	HorizonBancorp	HBNC	6.0	5	7.97	-4.01	.12
13.78	4.51	HorizonTechFin	HRZN	17.1	5	7.02	-3.82	.10
39.10	22.69	HorizonTherap	HZNP	...	9	25.01	-4.03	...
8.32	1.68	HoughtonMifflin	HMHC	...	dd	2.12	-1.21	...
6.33	1.67	HoustonWire	HWCC	...	14	2.15	-0.20	...
45.39	25.01	Huazhu	HTHT	...	83	28.80	-1.28	...
60.42	36.51	HubGroup	HUBG	...	13	42.76	+1.84	...
16.80	6.06	HudsonGlobal	HSON	...	dd	7.10	-1.66	...
14.80	6.42	HuizeHolding	HUIZ	...	...	8.87	+0.61	...
122.29	75.29	JBHunt	JBHT	1.3	17	80.63	-7.26	.27
15.63	6.86	HuntingtonBcshs	HBAN	7.9	6	7.62	-1.88	.15
41.75	20.39	Hurco	HURC	2.2	16	23.48	-1.77	.13
70.91	35.15	HuronConsulting	HURN	...	22	39.96	-10.44	...
32.55	14.74	HutchisonChina	HCM	...	dd	16.83	-3.24	...

I

52-Week High	52-Week Low	Name	Tick Sym	Yld	P/E	Last	Chg.	Div Amt.
278.85	127.33	IAC/InterActive	IAC	...	29	130.75	-40.25	...
95.24	47.75	ICF Intl	ICFI	1.0	16	57.76	-14.24	.14
250.72	148.89	ICU Medical	ICUI	...	37	172.90	-7.66	...
16.90	2.95	IDEAYA Bio	IDYA	...	dd	3.71	-0.32	...
296.25	180.19	IdexxLab	IDXX	...	38	183.29	-70.88	...
9.57	5.00	IEC Elec	IEC	...	12	5.68	-0.47	...
27.78	13.73	IES Holdings	IESC	...	10	15.69	-4.11	...
74.13	16.10	IGM Biosci	IGMS	...	...	46.39	+9.90	...
42.95	19.00	II-VI	IIVI	...	dd	25.62	+0.78	...
15.79	9.30	I-Mab	IMAB	...	...	11.25	-2.42	...
52.23	28.01	INTL FCStone	INTL	...	7	31.42	-1.58	...
182.17	98.04	IPG Photonics	IPGP	...	33	109.08	-3.07	...
22.24	6.70	IRSA Prop	IRCP	...	dd	6.89	-2.52	...
37.85	13.01	I3Verticals	IIIV	...	dd	14.48	-10.42	...
8.97	0.91	IVERICbio	ISEE	...	dd	3.00	-1.29	...
81.86	25.65	Iberiabank	IBKC	5.6	5	32.19	-11.54	.47
79.37	41.95	IcahnEnterprises	IEP	19.1	dd	41.95	-12.67	2.00
39.83	13.68	Ichor	ICHR	...	34	15.83	-6.73	...
5.49	2.73	iClickInteract	ICLK	...	dd	4.24	-0.60	...
178.99	104.28	Icon	ICLR	...	18	121.24	-29.84	...
2.75	0.55	IconixBrand	ICON	...	dd	.62	-0.28	...
19.69	5.87	iHeartMedia	IHRT	...	0	8.27	-2.12	...
380.76	196.78	Illumina	ILMN	...	36	242.00	+8.67	...
17.50	13.40	Imara	IMRA	...	...	16.00	...	...
10.74	4.23	Immersion	IMMR	...	dd	4.79	-0.11	...
7.07	1.76	Immunogen	IMGN	...	dd	2.44	-0.48	...
22.22	9.18	Immunomedics	IMMU	...	dd	10.75	-1.95	...
3.23	1.27	Immutep	IMMP	...	dd	1.84	-0.07	...
40.24	11.47	Impinj	PI	...	dd	14.10	-4.00	...
96.79	63.35	Incyte	INCY	...	33	66.96	-6.88	...
87.64	51.98	IndependentBank	INDB	2.9	12	60.32	+2.45	.44
23.93	9.19	IndepBankMI	IBCP	7.0	6	11.43	-4.42	.20
63.16	21.52	IndependentBank	IBTX	4.1	5	24.41	-9.36	.25
24.18	13.91	IndLogistics	ILPT	9.3	18	14.22	-3.53	.33
8.35	2.80	Infinera	INFN	...	dd	4.80	+0.55	...
1.93	0.60	InfinityPharm	INFI	...	dd	.72	-0.10	...
53.10	2.17	InflaRx	IFRX	...	dd	3.43	+0.33	...
4.32	1.61	InfoSvcsGrp	III	...	34	2.27	-0.38	...
49.14	25.57	InglesMarkets	IMKTA	1.7	10	38.06	+0.33	.165
58.76	13.06	InMode	INMD	...	11	17.26	-2.43	...
8.24	3.30	InnatePharma	IPHA	...	dd	3.94	-0.86	...
5.81	0.95	InnerWorkings	INWK	...	dd	1.02	-1.28	...
1.47	0.75	Innodata	INOD	...	dd	.81	-0.26	...
107.85	56.71	Innospec	IOSP	1.7	14	61.37	-8.57	.52
7.11	1.20	InnovSolSuprt	ISSC	...	23	2.75	-1.58	...
15.35	7.58	Innoviva	INVA	...	6	8.85	-2.04	...
96.22	31.21	Inogen	INGN	...	43	40.00	-3.85	...
22.99	11.50	Inovalon	INOV	...	cc	13.91	-3.20	...
19.36	1.92	InovioPharma	INO	...	dd	7.22	+0.02	...
9.75	3.61	Inseego	INSG	...	dd	5.17	+0.35	...
73.22	28.25	InsightEnt	NSIT	...	8	36.09	-4.98	...
34.94	12.09	Insmed	INSM	...	dd	14.31	-6.13	...
26.61	10.00	Insteelinds	IIIN	1.1	cc	11.32	-2.51	.03
219.85	80.43	Insulet	PODD	...	cc	142.60	-22.47	...
65.09	34.21	IntegraLifeSci	IART	...	65	37.82	-5.57	...
69.29	42.86	Intel	INTC	2.9	10	45.83	-8.60	.33
19.00	9.18	IntelliaTherap	NTLA	...	dd	12.07	+0.61	...
10.54	2.66	Intellicheck	IDN	...	dd	4.02	-1.78	...
81.40	34.84	InterParfums	IPAR	3.7	19	35.29	-15.39	.33
59.32	36.47	InteractiveBrkrs	IBKR	1.1	18	37.90	-6.22	.10
125.00	47.57	InterceptPharm	ICPT	...	dd	52.77	-19.05	...
72.66	31.04	InterDigital	IDCC	4.0	53	35.25	-8.40	.35
17.68	5.06	Interface	TILE	4.3	5	6.08	-3.66	.065
5.27	0.08	InterNAP	INAP	...	dd	.12	-0.22	...
44.00	16.33	IntlBcshs	IBOC	6.5	5	16.84	-11.86	.55
34.28	5.97	IntersectENT	XENT	...	dd	11.02	-4.85	...
7.68	3.17	Intevac	IVAC	...	82	3.50	-0.76	...
43.56	6.75	Intra-Cellular	ITCI	...	dd	13.52	-2.22	...
28.31	9.84	Intricon	IIN	...	dd	11.12	-0.42	...
306.89	199.39	Intuit	INTU	1.1	33	201.84	-59.41	.53
619.00	368.06	IntuitiveSurgical	ISRG	...	34	394.19	-76.79	...
26.46	10.83	Investar	ISTR	2.1	7	11.60	-5.15	.06
7.70	1.38	InvestcpCredit	ICMB	41.7	dd	2.40	-0.93	.25
12.74	6.31	InvestorsBancorp	ISBC	6.0	11	7.99	-1.54	.12
182.52	102.60	InvestorsTitle	ITIC	1.6	7	110.90	-27.00	.44
86.58	41.20	IonisPharma	IONS	...	22	43.58	-4.83	...
38.92	9.21	IovanceBiotherap	IOVA	...	dd	22.77	-2.37	...
27.50	15.12	iQIYI	IQ	...	dd	17.54	-1.15	...
104.25	56.24	iRhythmTechs	IRTC	...	dd	73.07	-6.48	...
5.69	1.36	Iridex	IRIX	...	dd	1.55	-0.19	...
32.08	16.87	IridiumComm	IRDM	...	dd	19.50	-4.16	...
132.30	32.79	iRobot	IRBT	...	13	38.67	-2.31	...
14.10	7.91	IronwoodPharm	IRWD	...	71	9.38	-0.80	...
9.30	1.40	IterumTherap	ITRM	...	dd	1.80	-0.12	...
88.32	40.48	Itron	ITRI	...	39	48.08	-13.21	...
37.32	11.01	IturanLocation	ITRN	6.5	46	14.66	-1.34	.24

J

52-Week High	52-Week Low	Name	Tick Sym	Yld	P/E	Last	Chg.	Div Amt.
1.46	0.30	JAKKS Pacific	JAKK	...	dd	.35	-0.04	...
196.84	108.16	J&JSnackFoods	JJSF	1.9	25	123.80	-11.20	.575
45.34	25.48	JD.com	JD	...	31	37.66	-2.05	...
88.85	41.33	Joyy	YY	...	5	42.07	-8.70	...
104.57	62.33	j2Global	JCOM	.0	15	64.25	-12.08	.455
174.93	129.22	JackHenry	JKHY	1.3	37	134.33	-28.57	.43
93.12	16.81	JackintheBox	JACK	6.8	9	23.57	-19.99	.40
52.18	25.34	JamesRiver	JRVR	4.2	23	28.91	-5.94	.30
154.24	94.19	JazzPharma	JAZZ	...	11	96.13	-15.22	...
21.65	6.70	JetBlue	JBLU	...	4	7.15	-4.03	...
22.50	1.60	Jiayin	JFIN	...	1	1.76	-0.17	...
91.90	48.76	JohnsonOutdoors	JOUT	1.3	10	52.32	-3.48	.17
10.00	2.79	JounceTherap	JNCE	...	2	3.89	+0.34	...

K

52-Week High	52-Week Low	Name	Tick Sym	Yld	P/E	Last	Chg.	Div Amt.
184.50	101.34	KLA	KLAC	3.0	16	114.02	-31.35	.85
29.50	0.90	KLX Energy	KLXE	...	dd	1.00	-0.45	...
11.64	6.36	KVH Inds	KVHI	...	dd	8.75	+0.50	...
117.06	54.54	KaiserAlum	KALU	4.8	15	55.45	-28.67	.67
8.92	3.24	KalaPharm	KALA	...	dd	7.00	+0.52	...
19.00	2.82	KaleidoBiosci	KLDO	...	dd	5.86	+1.92	...
32.15	5.61	KalVistaPharm	KALV	...	dd	6.85	-0.22	...
8.00	4.40	Kamada	KMDA	...	6	5.36	+0.66	...
7.30	2.17	KandiTech	KNDI	...	dd	2.36	-0.46	...
152.00	11.24	KarunaTherap	KRTX	...	...	73.64	-3.99	...
29.61	4.26	KaryopharmTherap	KPTI	...	dd	17.91	-0.61	...
14.40	8.15	KearnyFinancial	KRNY	3.7	17	8.62	-1.08	.08
28.91	10.92	KellyServices A	KELYA	2.4	4	12.47	-0.46	.075
29.43	11.00	KellyServices B	KELYB	2.5	4	12.19	-2.05	.075
8.27	4.40	KY FirstFedBncp	KFFB	7.5	45	5.35	-1.17	.10
23.00	7.26	KewauneeSci	KEQU	.0	dd	7.91	-0.49	.19
6.99	2.70	KeyTronic	KTCC	...	dd	2.75	-1.34	...
22.34	2.18	KezarLifeSci	KZR	...	dd	3.98	+0.72	...
42.64	20.60	Kforce	KFRC	3.3	11	24.50	-2.96	.20
18.49	9.78	KimballElec	KE	...	9	11.26	-0.16	...
22.40	8.71	KimballIntlB	KBAL	4.1	8	8.80	-3.43	.09
21.50	5.01	KiniksaPharm	KNSA	...	dd	13.10	-2.42	...
132.68	65.54	KinsaleCapital	KNSL	.4	30	86.37	-18.17	.09
7.72	0.56	Kirkland's	KIRK	...	dd	.69	-0.15	...
82.75	5.86	KodiakSciences	KOD	...	dd	45.02	-8.16	...
1.42	0.19	Kopin	KOPN	...	dd	.27	+0.02	...
45.21	22.17	KornitDigital	KRNT	...	cc	24.12	-7.11	...
33.78	19.99	KraftHeinz	KHC	7.2	14	22.28	-1.69	.40
25.08	5.00	KratosDefense	KTOS	...	89	10.20	-2.95	...
66.85	22.02	KrystalBiotech	KRYS	...	dd	38.83	-5.38	...
28.66	18.00	Kulicke&Soffa	KLIC	2.6	68	18.72	-4.18	.12
21.42	6.35	KuraOncology	KURA	...	dd	7.70	-1.26	...
28.80	5.07	KuraSushiUSA	KRUS	...	89	8.06	-4.29	...

L

52-Week High	52-Week Low	Name	Tick Sym	Yld	P/E	Last	Chg.	Div Amt.
95.72	33.55	LGI Homes	LGIH	...	6	43.39	-16.42	...
159.48	98.41	LHC Group	LHCG	...	39	119.56	-9.88	...
36.63	14.00	LKQ	LKQ	...	9	16.30	-8.60	...
99.60	20.01	LPL Financial	LPLA	2.2	7	44.82	-14.94	.25
7.30	2.48	LSI Inds	LYTS	7.2	19	2.79	-1.30	.05
16.24	10.80	LakeShoreBancorp	LSBK	4.4	16	11.00	-2.62	.12
17.63	8.31	LakelandBcp	LBAI	5.1	7	9.75	-2.28	.125
50.00	30.72	LakelandFin	LKFN	3.7	10	32.55	-1.87	.30
28.00	9.70	LakelandInd	LAKE	...	cc	16.52	-0.58	...
344.32	171.04	LamResearch	LRCX	2.4	14	187.89	-73.89	1.15
96.82	36.16	LamarAdv	LAMR	10.0	11	39.94	-25.65	1.00
166.31	129.81	LancasterColony	LANC	2.0	25	136.73	-11.19	.70
13.24	7.97	Landec	LNDC	...	dd	8.41	-1.22	...
26.00	17.42	LandmarkBncp	LARK	4.4	8	18.22	-1.28	.20
18.45	7.37	LandmarkInfrPtrs	LMRK	19.4	23	7.58	-3.08	.3675
120.23	88.33	LandstarSystem	LSTR	.8	16	92.73	-6.31	.185
29.80	8.67	Lantheus	LNTH	...	13	10.58	-2.34	...
24.20	11.06	LatticeSemi	LSCC	...	47	14.86	-1.95	...
21.66	7.30	LaureateEduc	LAUR	...	29	9.00	-5.85	...
58.28	27.16	LawsonProducts	LAWS	...	38	28.60	-7.29	...
4.89	0.57	LeapTherap	LPTX	...	dd	1.27	-0.21	...
17.50	8.93	LegacyHousing	LEGH	...	10	10.41	-0.67	...
38.64	21.22	LeMaitreVascular	LMAT	1.8	24	21.39	-3.06	.095
434.94	171.01	LendingTree	TREE	...	cc	188.21	-59.35	...
26.69	13.45	LevelOneBncp	LEVL	1.0	8	16.72	-4.88	.04
8.04	1.13	LexiconPharm	LXRX	...	dd	2.01	-0.02	...
16.93	8.10	LexinFintech	LX	...	5	8.76	-0.78	...
138.47	80.14	LibertyBroadbandA	LBRDA	...	cc	87.38	-22.42	...
140.00	86.20	LibertyBroadbandC	LBRDK	...	cc	90.67	-21.62	...
48.62	15.24	LibertyGlobal A	LBTYA	...	dd	17.63	+0.37	...
30.05	15.98	LibertyGlobal B	LBTYB	...	dd	17.28	+1.28	...
27.84	14.63	LibertyGlobal C	LBTYK	...	dd	16.53	+0.16	...
21.90	8.60	LibertyLatAmA	LILA	...	dd	9.41	-1.01	...
21.93	8.53	LibertyLatAmC	LILAK	...	dd	9.23	-1.25	...
46.52	16.87	LibertyFormOne A	FWONA	...	dd	20.85	-5.00	...
48.95	18.31	LibertyFormOne C	FWONK	...	dd	23.00	-4.49	...
30.16	13.59	LibertyBraves A	BATRA	...	dd	16.34	-2.53	...
30.03	13.20	LibertyBraves C	BATRK	...	dd	16.00	-2.38	...
51.11	22.54	LibertySirius A	LSXMA	...	17	25.33	-11.43	...
50.89	24.49	LibertySirius B	LSXMB	...	16	24.49	-9.93	...
51.36	23.01	LibertySirius C	LSXMK	...	17	25.48	-11.65	...
14.71	2.10	LibertyTripAdvB	LTRPB	...	dd	3.03	+0.13	...
15.85	0.86	LibertyTripAdvA	LTRPA	...	dd	1.49	-0.03	...
10.20	4.06	LifetimeBrands	LCUT	3.4	dd	5.01	-0.32	.0425
6.75	1.43	LifewayFoods	LWAY	...	dd	1.85	-0.07	...
130.50	57.24	LigandPharm	LGND	...	2	72.87	-8.56	...
6.18	2.20	LimelightNetworks	LLNW	...	dd	4.37	+0.15	...
230.50	5.25	LiminalBioSci	LMNL	...	dd	6.40	-0.67	...
24.77	10.60	Limoneira	LMNR	2.2	dd	13.90	-0.12	.075
3.26	1.51	LincolnEduc	LINC	...	24	1.90	-0.30	...
98.32	64.18	LincolnElectric	LECO	3.0	14	64.79	-11.38	.49
8.34	3.51	LiquiditySvcs	LQDT	...	dd	3.95	-0.05	...
206.00	103.63	Littelfuse	LFUS	1.7	20	113.09	-16.35	.48
99.13	36.00	LivaNova	LIVN	...	dd	36.58	-20.60	...
20.46	7.57	LiveOakBcshs	LOB	1.3	21	9.11	-1.75	.03
45.21	14.08	LivePerson	LPSN	...	dd	16.49	-4.18	...
45.68	15.12	LivongoHealth	LVGO	...	dd	22.55	-2.72	...
15.25	5.76	Lizhi	LIZI	...	...	6.48	+0.28	...
20.07	3.05	LogicBioTherap	LOGC	...	dd	5.32	+0.72	...
48.83	31.37	LogitechIntl	LOGI	1.8	25	41.86	+5.01	.7334
86.63	62.02	LogMeIn	LOGM	1.6	dd	79.94	-1.29	.325
4.68	0.47	LonestarRscs	LONE	...	0	.50	-0.36	...
18.65	6.12	LoopIndustries	LOOP	...	dd	6.88	-0.67	...
42.77	14.15	LoralSpace	LORL	...	5	14.75	-9.17	...
46.79	4.04	Lovesac	LOVE	...	dd	6.11	-0.08	...
51.38	13.71	LuckinCoffee	LK	...	dd	25.13	-7.78	...
266.20	128.85	lululemon	LULU	...	38	165.01	-11.74	...
93.23	40.28	Lumentum	LITE	...	dd	62.14	-10.11	...
29.54	17.35	Luminex	LMNX	1.4	dd	25.71	-0.91	.09
32.40	7.12	LumosPharma	LUMO	...	dd	7.12	-3.14	...
11.99	7.22	LutherBurbank	LBC	3.1	9	7.53	-1.08	.0575
88.60	14.56	Lyft	LYFT	...	dd	21.27	-2.90	...

M

52-Week High	52-Week Low	Name	Tick Sym	Yld	P/E	Last	Chg.	Div Amt.
31.86	12.33	Macom Tech	MTSI	...	dd	16.13	-3.57	...
3.44	1.02	MDC Partners	MDCA	...	dd	1.02	-1.02	...
83.26	53.97	MGE Energy	MGEE	2.3	25	62.37	-0.85	.3525
88.99	21.64	MGP Ingredients	MGPI	2.0	11	24.34	-1.84	.12
122.30	66.87	MKS Instrum	MKSI	1.1	29	74.75	-16.26	.20
18.51	10.82	MSB Fin	MSBF	.0	15	12.30	-0.85	.50
7.75	3.25	MTBC	MTBC	...	dd	4.56	-0.27	...
63.31	13.65	MTS Systems	MTSC	8.0	8	15.02	-10.15	.30
38.14	16.33	MYR Group	MYRG	...	9	19.59	-3.80	...
11.42	6.31	Macatawa	MCBC	4.5	8	7.06	-0.92	.08
20.13	4.04	Macrogenics	MGNX	...	dd	4.86	-1.39	...
5.38	2.48	MagalSec	MAGS	...	39	2.79	-0.25	...
81.04	30.60	MagellanHealth	MGLN	...	17	37.71	-11.85	...
21.00	6.03	MagentaTherap	MGTA	...	dd	6.03	-2.10	...
11.53	6.31	MagicSoftware	MGIC	4.5	17	6.87	-0.64	.156
12.87	8.64	MagyarBancorp	MGYR	...	18	9.00	-0.15	...
10.69	4.57	Majesco	MJCO	...	33	5.48	-0.07	...
30.13	10.00	MakeMyTrip	MMYT	...	dd	12.26	-3.01	...
52.13	22.84	MalibuBoats	MBUU	...	7	24.10	-5.14	...
23.75	13.69	MalvernBancorp	MLVF	...	12	15.30	-0.24	...
18.81	0.56	MammothEnergy	TUSK	.0	dd	1.16	+0.46	.125
90.46	35.20	ManhattanAssoc	MANH	...	36	47.18	-10.28	...
18.39	6.49	Mannatech	MTEX	7.1	dd	7.01	-3.00	.125
2.23	0.80	MannKind	MNKD	...	dd	1.01	+0.06	...
93.99	51.53	ManTechIntl	MANT	2.2	20	57.84	-12.94	.32
5.57	1.10	Marchex	MCHX	...	dd	1.43	-0.45	...
5.78	0.77	MarinSoftware	MRIN	...	dd	.95	-0.18	...
5.40	0.77	MarinusPharma	MRNS	...	dd	2.10	+0.55	...
9.17	1.33	MarkerTherap	MRKR	...	dd	1.64	+0.01	...
421.45	237.11	MarketAxess	MKTX	.8	58	310.63	-32.44	.60
25.44	4.66	MarlinBusSvcs	MRLN	8.3	3	6.75	-6.75	.14
153.39	46.56	Marriott	MAR	2.6	20	74.56	-21.03	.48
23.39	16.01	MartenTransport	MRTN	.9	15	16.90	-1.04	.04
12.75	0.98	MartinMidstream	MMLP	21.7	dd	1.15	-0.23	.0625
28.86	16.45	MarvellTech	MRVL	1.3	8	18.67	-2.11	.06
187.85	118.93	Masimo	MASI	...	45	155.10	-31.68	...
26.74	6.34	MasterCraftBoat	MCFT	...	7	6.77	-3.77	...
95.32	47.27	MatchGroup	MTCH	...	26	47.35	-13.12	...
20.41	10.65	Materialise	MTLS	...	cc	15.60	+2.66	...
24.36	7.11	MatrixService	MTRX	...	dd	8.46	-3.00	...
14.83	7.00	Mattel	MAT	...	dd	7.42	-0.83	...
40.49	19.02	MatthewsIntl	MATW	4.1	dd	20.42	-2.02	.21
65.73	41.93	MaximIntProducts	MXIM	4.4	15	44.12	-4.44	.48
63.95	45.03	McGrathRent	MGRC	3.6	12	47.08	-9.07	.42
7.80	2.22	MedallionFin	MFIN	...	53	2.85	-0.65	...
13.37	2.79	MediciNova	MNOV	...	dd	2.98	-1.05	...
5.73	1.49	MediWound	MDWD	...	9	1.59	-0.52	...
109.09	52.84	Medpace	MEDP	...	26	69.14	-8.45	...
30.23	8.82	MeiraGTx	MGTX	...	dd	9.45	-3.48	...
26.97	11.34	MelcoResorts	MLCO	4.7	15	13.46	-2.56	.1651
123.79	96.18	MellanoxTech	MLNX	...	29	106.51	-2.28	...
8.13	1.87	MenloTherap	MNLO	...	dd	3.49	+0.47	...
756.48	422.22	MercadoLibre	MELI	...	dd	452.88	-82.81	...
37.32	20.56	MercantileBank	MBWM	5.3	7	21.07	-2.83	.28
17.74	6.49	MercerIntl	MERC	7.3	dd	7.51	-1.10	.1375
89.45	60.01	MercurySystems	MRCY	...	51	60.30	-10.04	...
8.48	0.69	MereoBioPharma	MREO	...	dd	.90	-0.20	...
9.95	7.72	MeridaMergerCorp.I	MCMJ	...	...	9.45	-0.20	...
20.86	9.71	MeridianBancorp	EBSB	3.3	7	9.71	-3.80	.08
17.71	5.51	MeridianBiosci	VIVO	...	17	7.37	+1.44	...
20.89	12.29	Meridian	MRBK	...	8	12.68	-3.35	...
63.64	19.50	MeritMedical	MMSI	...	cc	29.08	-4.63	...
7.31	1.49	MerrimackPharm	MACK	.0	dd	1.63	-0.89	1.4967
9.57	1.32	MersanaTherap	MRSN	...	dd	4.41	-1.79	...
20.95	11.10	Merus	MRUS	...	dd	12.01	-4.26	...
11.08	2.32	MesaAir	MESA	...	3	3.13	-1.59	...
274.46	181.21	MesaLab	MLAB	.3	cc	197.35	-6.57	.16
10.88	3.41	Mesoblast	MESO	...	dd	3.57	-1.68	...
40.00	15.61	MetaFinancial	CASH	1.0	8	20.65	-2.92	.05
60.17	9.00	Methanex	MEOH	14.5	11	9.95	-5.42	.36
19.07	10.16	MetroCityBkshs	MCBS	3.7	...	11.92	+0.17	.11
13.08	1.00	Michaels	MIK	...	1	1.56	-1.09	...
112.47	53.15	MicrochipTech	MCHP	2.5	24	59.64	-10.33	.367
61.19	31.13	MicronTech	MU	...	12	36.11	-6.88	...
190.70	115.52	Microsoft	MSFT	1.5	24	137.35	-21.48	.51
165.00	90.00	MicroStrategy	MSTR	...	30	100.74	-10.59	...
1.22	0.15	MicroVision	MVIS	...	dd	.18	...	...
29.86	15.50	MidPennBancorp	MPB	3.7	9	19.63	-3.09	.05
142.98	43.03	Middleby	MIDD	...	12	47.07	-29.05	...
69.92	48.79	MiddlesexWater	MSEX	1.8	28	56.86	+1.32	.2562
29.50	13.22	MidlandStBncp	MSBI	7.0	7	15.39	-4.46	.2675
39.03	16.47	MidWestOneFin	MOFG	4.7	6	18.58	-3.82	.22
27.95	9.57	MilestonePharm	MIST	...	dd	12.02	-3.69	...
49.87	14.39	MillerHerman	MLHR	4.3	5	19.38	-3.39	.21
62.46	22.05	MillicomIntl	TIGO	11.5	29	22.86	-6.01	1.32
54.57	25.14	Mimecast	MIME	...	dd	30.84	-2.66	...
2.64	1.45	Mind CTI	MNDO	12.4	8	1.93	-0.31	.24
9.56	4.01	MinervaNeurosci	NERV	...	dd	4.90	-1.41	...
132.59	55.11	MiratiTherap	MRTX	...	dd	71.71	-9.53	...
28.31	6.51	MirumPharm	MIRM	...	dd	11.34	-1.34	...
27.54	8.02	Misonix	MSON	...	dd	10.09	-3.26	...
4.42	1.00	MitchamIndustries	MIND	...	dd	1.08	-0.51	...
45.75	18.41	MobileMini	MINI	6.0	11	20.20	-10.39	.303
7.79	2.94	MobileIron	MOBL	...	dd	3.22	-0.06	...
36.00	11.54	Moderna	MRNA	...	dd	28.20	+6.90	...
34.83	9.51	MomentaPharm	MNTA	...	dd	24.53	-4.12	...
41.50	19.23	Momo	MOMO	2.7	13	21.88	-1.69	.76
57.57	12.83	MonarchCasino	MCRI	...	9	15.69	-8.30	...
59.96	42.85	Mondelez	MDLZ	2.6	16	43.32	-7.60	.285
6.70	1.15	MoneyGram	MGI	...	dd	1.48	-0.14	...
184.78	93.81	MongoDB	MDB	...	dd	120.50	+5.33	...
293.10	114.84	MonolithicPower	MPWR	1.5	57	135.22	-35.34	.50
89.72	41.63	Monro	MNRO	2.1	18	42.01	-8.13	.22
70.52	50.06	MonsterBev	MNST	...	26	52.10	-10.29	...

Nasdaq Issues

52-Week High	52-Week Low	Name	Tick Sym	Yld	P/E	Last	Chg.	Div Amt.
166.59	103.00	Morningstar	MORN	1.1	30	107.02	−13.44	.30
33.50	9.90	Morphic	MORF	...	...	13.42	+0.65	...
37.96	18.21	MorphoSys	MOR	...	dd	20.81	−2.30	...
24.60	11.81	MotorcarParts	MPAA	...	dd	13.27	−1.89	...
10.20	1.78	MustangBio	MBIO	...	dd	2.36	+0.31	...
40.61	23.68	MutualFirstFin	MFSF	2.9	10	27.54	+0.82	.20
29.12	12.75	Mylan	MYL	...	cc	15.25	+0.20	...
78.28	43.50	MyoKardia	MYOK	...	dd	45.35	−6.15	...
48.40	9.24	MyriadGenetics	MYGN	...	dd	12.61	−0.69	...

N

52-Week High	52-Week Low	Name	Tick Sym	Yld	P/E	Last	Chg.	Div Amt.
34.91	14.64	Napco Security	NSSC	...	22	17.51	+0.21	...
41.50	27.54	NBT Bancorp	NBTB	3.5	11	31.21	−0.02	.27
5.75	0.72	NCS Multistage	NCSM	...	dd	.82	−0.08	...
22.95	8.81	NGM Biopharm	NGM	...	dd	11.66	−2.01	...
183.42	110.59	NICE	NICE	...	45	128.77	−9.78	...
24.38	15.48	NIC	EGOV	1.8	26	19.74	+2.43	.09
35.79	8.06	NMI Holdings	NMIH	...	5	11.29	−7.81	...
11.70	1.94	NN	NNBR	13.7	dd	2.04	−1.97	.07
139.59	58.41	NXP Semi	NXPI	2.0	86	73.58	−21.96	.375
3.19	0.50	NabrivaTherap	NBRV	...	dd	.58	...	...
36.43	13.85	NanoStringTech	NSTG	...	dd	17.86	−11.72	...
2.75	0.45	NantHealth	NH	...	dd	1.28	−0.32	...
9.90	0.95	NantKwest	NK	...	dd	2.87	−0.22	...
120.23	79.67	Nasdaq	NDAQ	2.3	17	80.50	−15.55	.47
41.80	16.87	Natera	NTRA	...	dd	25.10	−5.70	...
82.18	39.01	Nathan's	NATH	2.9	16	47.27	−16.70	.35
59.20	35.71	NationalBeverage	FIZZ	...	16	40.80	+0.62	...
9.85	1.62	NatlCineMedia	NCMI	28.1	6	2.70	−0.64	.19
25.39	11.82	NatlGeneral	NGHC	1.5	5	13.74	−3.03	.05
48.22	20.42	NatlInstruments	NATI	3.8	22	27.02	−7.09	.26
71.35	34.00	NatlResearch	NRC	2.1	31	39.39	−6.61	.21
16.95	10.01	NatlSecurity	NSEC	1.6	31	14.90	+3.89	.06
39.88	13.47	NationalVision	EYE	...	35	14.06	−16.31	...
298.00	129.50	NatlWesternLife	NWLI	.3	3	130.00	−68.77	.36
14.25	4.75	NaturalAlt	NAII	...	17	5.63	−0.50	...
34.89	18.91	NatusMedical	NTUS	...	dd	19.52	−4.58	...
15.67	4.07	Navient	NAVI	10.7	2	6.00	−2.67	.16
37.00	13.63	NektarTherap	NKTR	...	dd	16.27	−0.33	...
79.83	48.91	Neogen	NEOG	...	50	56.71	−6.37	...
13.71	2.19	NeoleukinTherap	NLTX	...	dd	8.03	+1.24	...
7.51	0.88	NeonTherap	NTGN	...	dd	2.07	+0.61	...
3.38	0.60	NeosTherap	NEOS	...	...	.70	−0.21	...
4.45	2.84	Net1UEPS	UEPS	...	dd	2.91	−0.47	...
78.35	35.86	NetApp	NTAP	5.3	9	36.24	−4.56	.48
361.00	209.01	Netease	NTES	2.4	12	285.06	−34.84	1.0175
393.52	252.28	Netflix	NFLX	...	81	332.83	−3.47	...
36.87	15.01	Netgear	NTGR	...	23	18.24	−0.38	...
30.30	19.11	NetScout	NTCT	...	cc	20.82	−1.01	...
119.65	71.85	Neurocrine	NBIX	...	cc	80.64	−4.70	...
17.76	1.25	Neuronetics	STIM	...	dd	1.45	−0.63	...
19.50	8.32	NewFortressEner	NFE	...	dd	8.71	−1.98	...
6.47	1.18	NY Mortgage	NYMT	36.9	3	2.17	−2.05	.20
20.99	11.10	NewellBrands	NWL	8.1	47	11.42	−1.54	.23
13.85	2.49	Newmark	NMRK	10.3	7	3.87	−2.70	.10
15.07	8.92	NewsCorp A	NWSA	2.2	dd	9.02	−1.45	.10
15.36	8.55	NewsCorp B	NWS	2.3	dd	8.71	−1.90	.10
23.99	7.59	NewtekBusSvcs	NEWT	20.6	...	10.64	−3.13	.44
133.25	48.03	NexstarMedia	NXST	4.5	10	50.05	−26.75	.56
109.00	13.86	NextCure	NXTC	...	dd	32.51	−1.00	...
21.12	5.10	NextGenHlthcr	NXGN	...	30	7.12	−2.50	...
9.94	4.76	NicholasFin	NICK	...	dd	6.00	−1.27	...
14.88	8.34	9F	JFU	...	16	9.50	...	...
13.60	5.33	NiuTech	NIU	...	dd	6.57	−0.80	...
26.77	9.98	nLIGHT	LASR	...	dd	10.04	−2.40	...
28.40	2.73	NobleEnergy	NBL	11.9	dd	4.03	−3.16	.12
40.30	1.81	NobleMidstream	NBLX	61.7	1	4.24	−0.62	.6878
9.06	3.60	Noodles	NDLS	...	cc	3.84	−1.82	...
180.28	97.46	Nordson	NDSN	1.4	18	107.24	−18.49	.38
27.58	6.20	NortheastBank	NBN	.4	7	11.16	−3.19	.01
14.92	4.70	NorthernTechsIntl	NTIC	3.7	16	7.00	−1.50	.065
110.48	61.51	NorthernTrust	NTRS	4.3	10	64.56	−11.49	.70
17.55	10.12	NorthfieldBank	NFBK	4.3	12	10.12	−2.02	.11
42.28	17.32	NorthrimBanCorp	NRIM	6.1	7	21.22	−7.79	.34
17.76	10.44	NorthwestBcshs	NWBI	7.1	10	10.71	−0.92	.19
36.07	18.04	NorthwestPipe	NWPX	...	8	22.12	−1.59	...
28.70	15.12	NortonLifeLock	NLOK	2.9	3	16.96	−0.49	.125
39.69	23.31	NorwoodFin	NWFL	3.4	13	29.51	+0.13	.25
42.14	24.10	NovaMeasuring	NVMI	...	23	28.54	−3.94	...
3.72	0.22	Novan	NOVN	...	dd	.55	+0.16	...
99.79	66.44	Novanta	NOVT	...	60	69.38	−14.04	...
17.71	3.54	Novavax	NVAX	...	dd	10.35	+1.94	...
98.84	41.51	Novocure	NVCR	...	dd	59.61	−8.37	...
23.58	12.98	NuanceComms	NUAN	...	30	14.60	−3.43	...
19.28	3.21	NuCana	NCNA	...	dd	4.89	−0.86	...
43.71	11.31	Nutanix	NTNX	...	dd	14.60	−0.03	...
81.91	28.55	Nuvasive	NUVA	...	32	39.36	−4.07	...
316.32	132.60	NVIDIA	NVDA	.3	46	205.75	−35.09	.16

O

52-Week High	52-Week Low	Name	Tick Sym	Yld	P/E	Last	Chg.	Div Amt.
11.00	6.05	OP Bancorp	OPBK	4.1	7	6.75	−0.36	.07
2.91	1.33	OPKO Health	OPK	...	dd	1.40	−0.50	...
8.44	1.25	Orbcomm	ORBC	...	dd	1.30	−0.70	...
454.31	261.00	OReillyAuto	ORLY	...	15	263.77	−90.53	...
117.21	49.96	OSI Systems	OSIS	...	13	54.26	−19.03	...
1.82	0.98	O2MicroIntl	OIIM	...	dd	1.07	−0.05	...
5.75	2.46	OaktreeSpec	OCSL	15.1	3	2.51	−1.59	.095
22.36	2.80	OasisMidstream	OMP	44.1	1	4.57	+0.40	.54
19.20	0.62	ObalonTherap	OBLN	...	dd	.70	−0.16	...
14.50	1.63	ObsEva	OBSV	...	dd	2.02	−0.61	...
26.09	11.60	OceanFirstFin	OCFC	5.1	8	13.36	−2.51	.17
8.12	2.35	OcularTherapeutix	OCUL	...	dd	4.17	−0.57	...
43.75	16.50	OdonateTherap	ODT	...	dd	20.86	−2.19	...
7.19	1.23	OfficeDepot	ODP	5.7	10	1.76	−0.07	.025
35.95	16.50	OfficePropIncm	OPI	10.1	35	21.83	−0.82	.55
41.50	20.95	OhioValleyBanc	OVBC	3.7	11	23.01	−2.94	.21
142.98	79.10	Okta	OKTA	...	dd	115.45	+8.16	...
227.21	130.87	OldDomFreight	ODFL	.5	22	168.68	−9.25	.1533
18.74	12.76	OldNatlBncp	ONB	4.2	10	13.25	−1.73	.14
13.77	6.09	Old2ndBcp	OSBC	.6	6	7.18	−0.72	.01
103.03	28.83	Ollie'sBargain	OLLI	...	18	38.78	−6.25	...
18.41	8.44	OlympicSteel	ZEUS	.8	31	10.40	+1.04	.02
119.89	50.38	OmegaFlex	OFLX	1.9	34	58.65	−8.41	3.50
20.92	8.50	Omeros	OMER	...	dd	11.47	−0.74	...
94.85	54.24	Omnicell	OMCL	...	39	55.41	−19.07	...
25.64	8.17	ON Semi	ON	...	21	10.82	−3.67	...
21.77	11.15	1-800-FLOWERS	FLWS	...	20	12.53	−2.27	...
2.30	1.04	180DegreeCap	TURN	...	3	1.29	−0.38	...
28.58	15.00	1LifeHealthcare	ONEM	...	dd	19.49	−1.81	...
9.20	2.29	111	YI	...	dd	6.10	−0.29	...
5.92	4.21	1347 Property	PIH	...	dd	4.65	−0.01	...
18.40	3.41	OneWaterMarine	ONEW	...	...	5.20	−3.22	...
47.85	29.87	OpenText	OTEX	2.3	25	30.63	−6.19	.1746
14.94	4.75	Opera	OPRA	...	12	5.13	−1.06	...
25.84	6.31	OportunFin	OPRT	...	6	7.65	−8.51	...
13.00	9.15	Optibase	OBAS	...	dd	10.05	−1.29	...
5.08	2.05	OpticalCable	OCC	...	dd	2.34	−0.29	...
11.66	3.50	OptiNose	OPTN	...	dd	3.67	−1.22	...
18.21	5.74	OptionCare	OPCH	...	dd	7.52	−4.61	...
28.37	13.85	OpusBank	OPB	3.0	9	14.53	−3.74	.11
11.55	5.23	OraSureTechs	OSUR	...	27	7.13	−0.41	...
21.64	5.17	OrchardTherap	ORTX	...	dd	6.26	−1.14	...
8.44	1.41	OrganiGram	OGI	...	dd	1.57	−0.07	...
38.14	16.68	OriginBancorp	OBNK	1.9	8	19.15	−5.04	.0925
57.85	22.11	OrthofixIntl	OFIX	...	dd	23.32	−3.08	...
51.48	28.19	OrthoPediatrics	KIDS	...	dd	37.81	+1.42	...
7.97	2.20	OsmoticaPharm	OSMT	...	dd	3.81	−1.19	...
4.18	1.53	Otonomy	OTIC	...	dd	1.71	−0.37	...
57.74	30.95	OtterTail	OTTR	4.1	17	36.14	−5.66	.37
29.75	2.53	Overstock	OSTK	...	dd	3.76	+0.53	...
5.24	1.53	OvidTherap	OVID	...	dd	2.29	+0.04	...
18.09	8.37	OxfordImmunotec	OXFD	...	dd	9.86	−1.56	...
11.04	1.86	OxfordLane	OXLC	48.4	dd	3.35	−2.77	.135
6.76	2.04	OxfordSquare	OXSQ	34.7	dd	2.32	−0.72	.067
41.37	13.26	OysterPtPharma	OYST	...	...	35.63	+4.19	...

PQ

52-Week High	52-Week Low	Name	Tick Sym	Yld	P/E	Last	Chg.	Div Amt.
71.56	22.21	PAM Transport	PTSI	...	18	22.50	−7.05	...
8.75	5.15	P&FIndustries	PFIN	3.9	3	5.15	−1.25	.05
19.18	8.54	PCB Bancorp	PCB	4.1	7	9.73	−1.20	.10
56.33	30.10	PCConnection	CNXN	.0	11	34.38	−0.24	.32
9.65	3.95	PC-Tel	PCTI	4.2	26	5.24	+0.05	.055
47.29	4.51	PDC Energy	PDCE	...	dd	6.42	−3.08	...
18.41	8.61	PDF Solutions	PDFS	...	dd	9.16	−1.36	...
3.89	2.06	PDL Biopharm	PDLI	...	dd	2.53	−0.48	...
14.85	9.26	PDLCommBncp	PDLB	...	dd	10.55	−0.18	...
11.82	6.75	PICO	PICO	...	12	6.88	−2.01	...
33.23	10.61	PPD	PPD	...	...	14.52	−8.48	...
39.58	21.22	PRA Group	PRAA	...	14	25.90	−6.68	...
113.10	63.00	PRA HealthSci	PRAH	...	18	67.57	−18.01	...
8.50	2.16	PRGX Global	PRGX	...	dd	3.06	+0.17	...
102.47	43.90	PTC	PTC	...	dd	48.45	−7.92	...
59.89	30.79	PTC Therap	PTCT	...	dd	39.54	−4.40	...
83.41	52.04	Paccar	PCAR	2.4	8	52.30	−12.83	.32
7.50	2.20	PacBiosciCA	PACB	...	dd	2.68	−0.37	...
8.49	3.72	PacificMercBncp	PMBC	...	19	4.59	−0.41	...
34.90	15.12	PacificPremBncp	PPBI	6.3	6	15.81	−4.09	.25
51.35	27.90	PaciraBioSci	PCRX	...	dd	31.43	−3.66	...
40.60	14.31	PacWestBancorp	PACW	14.6	4	16.45	−6.56	.60
62.96	18.06	Palomar	PLMR	...	cc	47.93	+0.82	...
26.20	10.26	PanAmerSilver	PAAS	1.7	17	11.77	−2.02	.05
70.19	28.55	PapaJohn's	PZZA	1.8	dd	51.00	+1.34	.225
6.39	2.50	ParatekPharma	PRTK	...	dd	2.89	−0.03	...
38.77	10.78	Park-Ohio	PKOH	4.0	4	12.54	+0.27	.125
5.15	3.18	PartnerComms	PTNR	...	67	3.51	−0.12	...
23.25	8.09	PassageBio	PASG	...	...	9.79	−5.73	...
64.38	16.70	PatrickIndustries	PATK	5.2	5	19.36	−14.20	.25
16.63	6.33	PatriotNatBncp	PNBK	.6	dd	6.69	−1.91	.01
21.26	8.36	PatriotTransport	PATI	7.0	69	8.61	−2.87	3.00
25.70	12.95	Patterson	PDCO	6.4	32	16.31	−4.53	.26
16.27	1.80	PattersonUTIEn	PTEN	7.2	dd	2.21	−0.25	.04
90.54	47.87	Paychex	PAYX	4.8	17	51.97	−19.59	.62
150.73	66.98	Paylocity	PCTY	...	79	82.25	−22.84	...
124.45	86.15	PayPal	PYPL	...	42	86.68	−23.47	...
31.72	11.15	PeapackGladFinl	PGC	1.5	6	13.44	−6.36	.05
103.13	38.01	Pegasystems	PEGA	.2	dd	65.08	−9.83	.03
37.02	17.70	Peloton	PTON	...	dd	23.01	+3.29	...
39.18	3.75	PennNational	PENN	...	22	7.89	−7.58	...
57.00	0.99	PennVirginia	PVAC	...	0	2.20	−1.90	...
35.99	6.15	Pennant	PNTG	...	cc	13.49	−1.91	...
7.19	1.76	PennantPark	PNNT	30.6	6	2.35	−1.71	.18
36.27	19.20	PennsWoodsBncp	PWOD	6.1	9	20.96	−3.83	.32
17.66	10.81	People'sUtdFin	PBCT	6.0	9	11.81	−1.05	.1775
39.28	19.09	PeoplesBncpOH	PEBO	7.0	7	19.52	−3.42	.34
34.32	16.75	PeoplesBncpNC	PEBK	2.2	12	27.34	+5.82	.15
53.88	33.11	PeoplesFinSvcs	PFIS	3.8	11	37.90	−4.25	.36
147.20	101.42	PepsiCo	PEP	3.7	20	103.93	−23.52	.955
8.14	2.34	Perceptron	PRCP	...	dd	2.63	−0.87	...
22.50	7.11	PerdoceoEduc	PRDO	...	9	8.76	−2.27	...
53.76	18.88	Perficient	PRFT	...	25	28.52	−8.27	...
2.30	0.79	PerformantFin	PFMT	...	dd	.80	−0.04	...
9.70	2.51	PerionNetwork	PERI	...	8	4.08	−1.09	...
10.14	6.85	Perma-PipeIntl	PPIH	...	19	7.01	−1.20	...
31.88	4.27	Personalis	PSNL	...	dd	6.54	+1.19	...
36.33	16.16	PetIQ	PETQ	...	dd	17.93	−3.89	...
29.17	15.00	PetMedExpress	PETS	4.2	20	25.87	+1.71	.27
16.65	2.60	PhaseBioPharm	PHAS	...	dd	2.86	−0.23	...
47.84	18.51	PhathomPharm	PHAT	...	...	26.00	−5.26	...
36.98	16.87	PhibroAnimal	PAHC	2.7	19	17.87	−4.26	.12
16.75	7.95	Photronics	PLAB	...	18	9.44	−0.83	...
33.67	15.75	PilgrimPride	PPC	...	10	17.65	−1.42	...
45.25	18.46	Pinduoduo	PDD	...	dd	33.57	−0.19	...
65.00	27.80	PinnacleFinPtrs	PNFP	1.9	6	33.81	−9.37	.16
13.50	0.40	PintecTech	PT	...	...	2.06	−0.23	...
5.23	2.06	Pixelworks	PXLW	...	dd	2.49	−0.48	...
8.95	1.72	PlayaHotels	PLYA	...	dd	2.42	−1.05	...
86.53	35.16	Plexus	PLXS	...	11	43.00	−10.82	...
35.70	6.59	Pluralsight	PS	...	dd	9.05	−2.52	...
238.23	156.01	Pool	POOL	1.3	26	167.78	−38.36	.55
61.46	23.69	Popular	BPOP	6.1	4	26.40	−10.33	.40
3.80	0.75	PortmanRidge	PTMN	32.0	dd	.75	−0.73	.06
37.95	5.31	PortolaPharm	PTLA	...	dd	6.93	−0.61	...
9.42	1.50	Potbelly	PBPB	...	dd	2.08	−0.90	...
45.42	22.40	PotlatchDelt	PCH	5.7	34	28.05	−4.56	.40
50.81	15.62	PowellIndustries	POWL	5.2	15	20.08	−4.07	.26
111.56	64.95	PowerIntegrations	POWI	.9	13	83.75	−6.42	.19
8.50	2.55	PowerFleet	PWFL	...	dd	3.05	−0.92	...
8.77	1.26	Precigen	PGEN	...	dd	2.95	+0.94	...
23.67	4.99	PrecisionBio	DTIL	...	dd	5.30	−0.88	...
64.50	20.04	PreferredBankLA	PFBC	3.7	6	32.07	−3.04	.30
76.60	36.16	PreformedLine	PLPC	1.9	9	42.48	−2.52	.20
20.38	8.21	PremierFinBncp	PFBI	6.6	6	9.11	−1.04	.15
40.14	27.30	Premier	PINC	...	dd	28.87	−6.08	...
19.25	7.41	PrevailTherap	PRVL	...	...	12.30	−2.01	...
79.90	41.15	PriceSmart	PSMT	1.5	18	46.64	+0.25	.35
23.98	9.42	PrimorisSvcs	PRIM	1.9	8	12.44	+0.76	.06
60.81	25.14	PrincipalFin	PFG	8.7	5	25.68	−9.87	.56
75.65	25.35	PrincipiaBio	PRNB	...	dd	47.75	−4.00	...
20.63	13.50	ProfessionalHldg	PFHD	...	62	15.18	−2.58	...
6.37	1.89	ProgenicsPharm	PGNX	...	dd	2.32	−0.83	...
52.50	28.09	ProgressSoftware	PRGS	2.2	51	29.96	−2.44	.165
36.50	13.29	Progyny	PGNY	...	dd	19.50	−2.20	...
133.58	83.81	Proofpoint	PFPT	...	dd	95.64	−1.85	...
16.07	4.83	ProQR Therap	PRQR	...	dd	5.35	−0.52	...
6.87	4.00	ProspectCapital	PSEC	15.0	...	4.80	−0.20	.06
16.67	4.47	ProtagonistTherap	PTGX	...	dd	5.65	−2.25	...
19.80	11.25	ProtectiveInsA	PTVCA	3.3	24	12.30	+0.02	.10
19.15	10.23	ProtectiveInsB	PTVCB	3.2	25	12.34	−1.15	.10
4.72	0.61	ProteostasisTher	PTI	...	dd	1.32	+0.34	...
17.63	6.71	Prothena	PRTA	...	dd	8.97	−1.03	...
22.82	2.20	ProventionBio	PRVB	...	dd	6.63	−1.31	...
71.97	40.40	ProvidenceService	PRSC	...	dd	52.22	+1.72	...
22.99	12.00	ProvidentFin	PROV	3.9	20	14.31	−0.33	.14
19.57	10.26	PrudentialBncp	PBIP	2.3	11	12.30	−0.70	.43
40.33	5.50	PumaBiotech	PBYI	...	dd	7.82	+0.20	...
14.80	4.11	Puyi	PUYI	...	42	5.32	−0.40	...
54.54	28.21	QAD A	QADA	.9	dd	31.85	−4.37	.072
38.04	20.53	QAD B	QADB	1.1	dd	22.23	−2.67	.06
20.44	9.80	Q&K Intl	QK	...	...	12.60	+0.21	...
44.76	23.35	QCR Holdings	QCRH	.9	7	26.04	−5.83	.06
25.25	8.95	QIWI	QIWI	8.1	8	9.86	−3.95	.28
122.37	58.52	Qorvo	QRVO	...	25	70.85	−12.95	...
96.17	55.79	Qualcomm	QCOM	4.1	17	60.91	−14.90	.62
95.99	63.37	Qualys	QLYS	...	48	81.25	+9.90	...
36.15	10.90	Quanterix	QTRX	...	dd	14.17	−2.80	...
8.52	1.26	Quantum	QMCO	...	dd	2.06	−1.09	...
100.42	52.49	Quidel	QDEL	...	52	88.89	+9.72	...
17.13	5.76	QuinStreet	QNST	...	51	6.71	−1.87	...
11.30	2.40	Quotient	QTNT	...	dd	3.02	−0.93	...
17.50	3.95	QurateRetailB	QRTEB	...	dd	4.24	−0.01	...
17.55	3.01	QurateRetailA	QRTEA	...	dd	4.25	−0.24	...
13.95	2.56	Qutoutiao	QTT	...	dd	3.29	−1.55	...

R

52-Week High	52-Week Low	Name	Tick Sym	Yld	P/E	Last	Chg.	Div Amt.
51.21	10.52	RaptTherap	RAPT	...	...	15.10	−0.65	...
21.90	12.02	RBB Bancorp	RBB	3.9	6	12.43	−1.57	.12
185.06	80.44	RBC Bearings	ROLL	...	17	84.90	−40.96	...
27.79	6.52	RCI Hospitality	RICK	1.9	4	8.42	−2.69	.04
4.20	1.06	RCM Tech	RCMT	...	4	1.17	−0.23	...
63.19	20.03	REGENXBIO	RGNX	...	dd	27.50	−1.35	...
8.89	3.31	RF Industries	RFIL	2.0	14	4.02	−0.63	.02
31.98	24.55	RGC Resources	RGCO	2.8	20	25.41	−4.21	.175
10.80	3.01	RISE Education	REDU	...	10	3.65	−0.36	...
13.99	7.12	R1RCM	RCM	...	dd	8.85	−1.39	...
6.15	1.77	RTI Surgical	RTIX	...	dd	1.87	−0.88	...
47.55	19.64	RaPharm	RARX	...	dd	45.70	−0.65	...
29.97	10.32	RadiusHealth	RDUS	...	dd	12.38	−3.39	...
23.45	5.81	RadNet	RDNT	...	28	8.29	−6.49	...
26.98	16.02	Radware	RDWR	...	41	19.12	−0.93	...
7.22	2.05	RamacoRscs	METC	...	4	2.55	+0.01	...
16.98	9.01	Rambus	RMBS	...	dd	9.79	−0.54	...
18.34	7.92	RandolphBancorp	RNDB	...	14	8.92	−1.89	...
66.01	31.34	Rapid7	RPD	...	dd	37.19	−1.48	...
20.24	3.13	RattlerMidstrm	RTLR	27.8	5	4.18	−1.49	.29
40.26	16.01	RavenIndustries	RAVN	2.5	21	20.49	−3.77	.13
3.30	0.32	RealNetworks	RNWK	...	dd	.48	−0.22	...
65.92	36.91	RealPage	RP	...	74	44.87	−9.93	...
30.05	5.00	RealReal	REAL	...	dd	7.56	−1.14	...
257.96	70.00	ReataPharm	RETA	...	dd	124.16	−43.63	...
59.00	29.90	RedRiverBcshs	RRBI	.6	11	39.39	−0.56	.06
37.29	4.04	RedRobin	RRGB	...	dd	6.55	−2.62	...
28.62	2.76	RedRockResorts	RRR	5.7	dd	7.05	−1.75	.10
32.77	9.63	Redfin	RDFN	...	dd	11.60	−5.54	...
8.94	3.26	RedHillBio	RDHL	...	dd	3.93	−0.42	...
38.90	0.30	Reebonz	RBZ	...	...	.36	−0.05	...
70.26	34.47	RegencyCtrs	REG	6.7	25	35.30	−19.95	.595
518.00	271.37	RegenPharm	REGN	...	24	438.45	−27.10	...
37.36	19.78	Renasant	RNST	4.2	7	20.99	−2.92	.22
31.51	9.90	RenewableEnergy	REGI	...	2	19.76	−8.74	...
31.14	13.34	Rent-A-Center	RCII	8.5	4	13.64	−3.56	.29
109.94	52.87	Repligen	RGEN	...	cc	88.75	−9.96	...
19.66	8.75	Replimune	REPL	...	dd	8.97	−2.79	...
52.68	28.10	RepublicBcpKYA	RBCAA	4.1	6	28.18	−6.04	.286
5.92	2.11	RepublicFirstBncp	FRBK	...	dd	2.15	−0.53	...
17.93	8.66	ResourcesConnect	RECN	5.9	9	9.52	−0.87	.14
11.96	0.86	resTORbio	TORC	...	dd	.97	−0.10	...
19.18	5.84	RetailOppor	ROIC	11.1	17	7.23	−5.36	.20
23.73	8.98	Retrophin	RTRX	...	dd	11.06	−2.28	...
27.97	9.88	RevanceTherap	RVNC	...	dd	13.10	−2.40	...
37.08	17.35	RevolutionMed	RVMD	...	...	23.24	−1.54	...
31.99	21.61	ReynoldsCnsmr	REYN	2.1	22	27.98	+2.28	.15
31.94	12.99	RhythmPharm	RYTM	...	dd	14.13	+0.01	...
5.93	1.95	RibbonComms	RBBN	...	dd	2.15	−0.27	...
7.51	3.10	RichardsonElec	RELL	6.6	dd	3.61	−0.90	.06
3.10	1.23	RigelPharm	RIGL	...	dd	1.32	−0.31	...
12.51	1.02	RigNet	RNET	...	dd	1.76	−1.60	...
5.48	2.22	RiminiStreet	RMNI	...	dd	3.87	−0.48	...
8.70	4.48	RiverviewBncp	RVSB	4.1	7	4.90	−0.22	.05
13.60	5.25	RiverviewFinl	RIVE	5.5	12	5.50	−3.75	.075
27.59	9.01	RocketPharm	RCKT	...	dd	12.99	−0.67	...
6.34	1.31	RockwellMedical	RMTI	...	dd	2.11	+0.46	...
34.14	14.96	RockyBrands	RCKY	3.5	7	16.17	−4.63	.14
9.90	3.77	RockyMtnChoc	RMCF	12.7	12	3.77	−3.03	.12
176.55	55.02	Roku	ROKU	...	dd	76.13	−4.82	...
124.16	56.30	RossStores	ROST	1.8	14	63.90	−28.93	.285
138.78	59.78	RoyalGold	RGLD	1.6	28	71.62	−0.15	.28
20.04	3.35	RubiusTherap	RUBY	...	dd	4.05	+0.23	...
12.14	3.06	RuhnnHolding	RUHN	...	dd	5.29	−2.19	...
49.27	27.25	RushEnt A	RUSHA	1.8	8	28.81	−4.61	.13
48.50	21.65	RushEnt B	RUSHB	2.1	7	24.67	−8.16	.13
27.14	2.32	RuthsHospitality	RUTH	14.6	3	4.11	−8.32	.15
96.79	44.44	Ryanair	RYAAY	...	10	49.50	−17.11	...

S

52-Week High	52-Week Low	Name	Tick Sym	Yld	P/E	Last	Chg.	Div Amt.
41.54	23.79	S&T Bancorp	STBA	4.3	9	25.88	−1.38	.28
309.85	192.43	SBA Comm	SBAC	.8	cc	229.33	−52.56	.465
25.24	10.96	SBOneBancorp	SBBX	2.6	5	13.03	−5.57	.085
1.90	0.50	SCYNEXIS	SCYX	...	dd	.67	+0.05	...
69.61	37.66	SEI Investments	SEIC	1.8	12	38.56	−13.21	.35
23.10	7.20	SI-BONE	SIBN	...	dd	8.53	−5.51	...
6.31	3.96	SIGA Tech	SIGA	...	dd	4.77	+0.37	...
66.66	26.04	Sina	SINA	...	dd	28.88	−2.62	...
12.32	5.60	SLM	SLM	1.8	5	6.63	−1.63	.03
39.08	16.42	SMART Global	SGH	...	25	22.18	+2.67	...
4.20	1.32	SMTC	SMTX	...	dd	1.77	−0.66	...
4.63	2.71	SORL AutoParts	SORL	...	3	3.19	−0.57	...
5.30	0.55	SPI Energy	SPI	...	dd	.66	−0.37	...
47.33	14.44	SP Plus	SP	...	8	18.60	−11.88	...
62.26	31.28	SPS Commerce	SPSC	...	39	36.57	−8.62	...
67.73	29.51	SS&C Tech	SSNC	1.4	22	35.68	−9.30	.125
19.42	9.00	SSR Mining	SSRM	...	23	10.77	−0.37	...
270.95	127.39	SVB Fin	SIVB	...	7	150.64	−6.03	...
22.27	9.35	SVMK	SVMK	...	dd	11.02	−2.65	...
24.95	5.55	SabraHealthcare	SBRA	19.8	26	9.07	−1.40	.45
25.44	3.31	Sabre	SABR	16.9	6	3.31	−5.02	.14
103.96	65.45	SafetyInsurance	SAFT	5.3	10	67.76	−8.78	.90
34.88	21.00	SagaComm	SGA	5.4	11	23.65	−3.96	.32
193.56	25.01	SageTherap	SAGE	...	dd	26.60	−11.55	...
107.00	56.35	Saia	SAIA	...	16	69.75	−4.83	...
2.68	0.65	SalemMedia	SALM	11.1	dd	.90	−0.09	.025
179.45	102.13	SandersonFarms	SAFM	1.0	87	127.47	+7.00	.32
38.45	18.00	SandySpringBncp	SASR	6.1	6	19.81	−4.87	.30
107.86	66.35	Sanfilippo	JBSS	.8	17	75.04	+1.04	2.00
13.91	4.81	SangamoTherap	SGMO	...	dd	6.01	−0.66	...
34.96	18.34	Sanmina	SANM	...	11	21.09	−0.09	...
51.84	37.75	Sanofi	SNY	3.2	23	38.02	−5.70	1.7223
158.80	72.05	SareptaTherap	SRPT	...	dd	87.01	−12.82	...
33.48	8.61	SatsumaPharm	STSA	...	...	19.79	+2.35	...
11.96	0.69	Savara	SVRA	...	dd	2.12	−0.18	...
39.14	13.78	ScanSource	SCSC	...	9	16.50	−1.84	...
27.47	10.09	SchnitzerSteel	SCHN	6.3	10	11.93	−2.26	.1875
23.35	6.95	ScholarRock	SRRK	...	dd	15.00	−0.50	...
45.80	20.45	Scholastic	SCHL	2.8	dd	21.26	−8.56	.15
56.65	25.50	Schrodinger	SDGR	...	...	38.55	+2.97	...
31.63	3.76	ScientificGames	SGMS	...	dd	6.63	−2.10	...
18.75	5.82	SciPlay	SCPL	...	6	8.47	+0.76	...
10.95	2.44	scPharm	SCPH	...	dd	5.98	−1.02	...
23.27	7.07	ScrippsEW	SSP	2.4	dd	8.17	−1.64	.05
4.98	1.15	SeaChange	SEAC	...	dd	2.71	−0.05	...
31.42	14.64	SeacoastBkgFL	SBCF	...	8	15.52	−4.65	...
64.17	40.25	Seagate	STX	6.4	7	40.73	−8.20	.65
16.78	4.02	SeaSpine	SPNE	...	dd	6.50	−2.45	...
124.32	62.90	SeattleGenetics	SGEN	...	dd	99.86	−2.86	...
10.45	3.72	SecooHolding	SECO	...	10	4.25	−0.88	...
20.62	5.29	SecureWorks	SCWX	...	dd	10.00	−0.01	...
6.42	4.22	SecurityNatFin	SNFCA	...	9	4.36	−0.33	...
12.47	6.77	SelectBancorp	SLCT	...	11	7.29	−1.52	...
4.83	1.28	SelectaBiosci	SELB	...	dd	1.73	−0.98	...
81.35	37.05	SelectiveIns	SIGI	2.0	10	46.42	−5.03	.23
56.04	26.03	Semtech	SMTC	...	57	32.85	−2.16	...
41.88	21.97	SenecaFoods A	SENEA	...	13	31.78	−2.01	...
41.00	24.08	SenecaFoods B	SENEB	...	12	29.19	−3.51	...
7.39	2.02	SeresTherap	MCRB	...	dd	3.10	−0.12	...
26.70	3.59	ServiceProperties	SVC	42.1	3	5.13	−3.57	.54
2.10	0.53	ServiceSource	SREV	...	dd	.68	−0.36	...
40.90	21.76	ServisFirstBcshs	SFBS	2.6	10	26.90	−1.96	.175
2.60	0.37	SesenBio	SESN	...	dd	.49	−0.14	...
51.00	29.61	ShenandoahTel	SHEN	.7	40	43.93	−0.13	.29
6.41	0.95	ShilohIndustries	SHLO	...	dd	.95	−0.96	...
68.39	22.01	ShockwaveMed	SWAV	...	dd	23.16	−7.18	...
40.00	12.56	ShoeCarnival	SCVL	2.1	6	16.53	−6.39	.085
17.90	8.08	ShoreBancshares	SHBI	4.8	7	9.15	−2.07	.12
10.12	1.07	Sientra	SIEN	...	dd	1.07	−0.68	...
30.15	13.05	SierraBancorp	BSRR	5.6	6	14.28	−4.72	.20
77.60	8.55	SierraOncology	SRRA	...	dd	9.38	+0.14	...
14.55	4.31	SierraWireless	SWIR	...	dd	5.20	−1.20	...
148.64	74.37	SignatureBank	SBNY	2.8	7	80.65	−17.53	.56
32.80	24.89	SilganHoldings	SLGN	1.8	15	26.13	−1.42	.12
39.70	20.93	Silicom	SILC	...	17	23.25	−1.20	...
122.90	65.09	SiliconLab	SLAB	...	cc	70.07	−12.64	...
53.04	26.72	SiliconMotion	SIMO	4.3	16	30.00	−5.70	.35
51.50	20.84	SilkRoadMed	SILK	...	dd	24.50	−7.78	...
15.45	6.21	SilvercrestAsset	SAMG	8.7	7	7.32	−2.12	.16
27.29	14.56	SimmonsFirstNat	SFNC	4.0	7	17.11	+0.02	.17
66.57	10.58	SinclairBroadcast	SBGI	5.9	27	13.64	−2.51	.20
16.49	5.06	SiriusIntlIns	SG	...	dd	5.63	−1.02	...
7.40	4.41	SiriusXM	SIRI	1.2	22	4.44	−1.46	.0133
36.46	15.42	SiTime	SITM	...	...	23.61	+3.18	...
66.52	10.58	SkyWest	SKYW	2.8	3	20.23	−7.17	.14
128.48	66.29	Skyworks	SWKS	2.4	15	73.67	−9.33	.44
61.00	22.09	SleepNumber	SNBR	...	9	23.74	−11.94	...
4.62	0.55	SmartSand	SND	...	1	.95	−0.08	...
21.10	3.70	SmileDirectClub	SDC	...	dd	4.10	−1.39	...
22.80	8.10	SoYoungIntl	SY	...	95	8.69	−0.54	...
21.19	5.50	Sohu.com	SOHU	...	dd	5.69	−3.07	...
21.00	5.00	SolGelTech	SLGL	...	dd	7.12	−0.34	...
21.72	7.42	SolarCapital	SLRC	16.8	7	9.77	−4.91	.41
18.29	6.30	SolarSeniorCap	SUNS	15.4	6	9.18	−4.11	.1175
143.73	36.28	SolarEdgeTech	SEDG	...	24	69.61	−21.50	...
13.58	1.96	SolidBiosci	SLDB	...	dd	2.56	−1.16	...
18.26	0.50	SonimTech	SONM	...	dd	.56	−0.07	...
16.88	6.58	Sonos	SONO	...	dd	7.92	−0.53	...
7.69	1.48	SotherlyHotels	SOHO	34.0	dd	1.53	−0.31	.13
22.00	13.00	SouthPlainsFin	SPFI	.8	9	14.75	−2.10	.03
88.10	51.78	SouthState	SSB	3.0	11	59.35	−0.18	.47
44.43	20.89	SouthernFirstBcsh	SFST	...	6	23.00	−9.76	...
39.05	25.01	SoMO Bancorp	SMBC	2.3	8	26.01	−4.00	.15
16.85	7.88	SoNtlBcpVA	SONA	4.7	6	8.57	−2.97	.10
37.89	23.74	SouthsideBcshs	SBSI	4.8	12	25.83	−2.91	.31
11.71	5.25	SparkEnergy	SPKE	11.7	dd	6.20	−1.21	.1813
20.70	8.38	SpartanMotors	SPAR	.9	dd	11.35	−0.33	.05
17.35	8.82	SpartanNash	SPTN	5.1	97	15.03	+4.60	.1925
11.36	1.74	SpectrumPharm	SPPI	...	dd	2.30	−0.03	...
14.48	5.25	SperoTherap	SPRO	...	dd	5.81	−0.67	...
23.48	9.36	SpiritofTexas	STXB	...	7	10.45	−1.94	...
176.31	93.92	Splunk	SPLK	...	dd	110.30	−4.89	...
17.25	8.53	SpokHoldings	SPOK	4.9	dd	10.25	+0.85	.125
8.90	3.41	SportsmansWrhs	SPWH	...	10	5.10	+0.52	...
43.90	17.02	SpringWorks	SWTX	...	...	26.40	−1.62	...
24.06	13.00	SproutsFarmersMkt	SFM	...	14	17.60	+3.05	...
42.73	21.70	StaarSurgical	STAA	...	92	27.53	+1.42	...
185.20	32.54	Stamps.com	STMP	...	33	109.21	−5.69	...
12.09	5.36	StarBulkCarriers	SBLK	3.6	dd	5.61	−1.31	.05
99.72	50.02	Starbucks	SBUX	2.8	19	58.03	−11.89	.41
26.64	11.88	StarsGroup	TSG	...	72	15.84	−0.84	...
36.45	19.51	StateAutoFin	STFC	2.0	10	19.89	−5.74	.10
15.84	0.90	StealthBioTher	MITO	...	...	1.14	−0.20	...
4.18	1.51	StealthGas	GASS	...	35	1.86	−0.26	...
2.14	0.81	SteelConnect	STCN	...	dd	.99	+0.03	...
36.14	14.98	SteelDynamics	STLD	5.3	6	18.81	−3.04	.25
67.94	40.06	Stericycle	SRCL	...	dd	44.68	−9.28	...
17.49	7.30	SterlingCnstr	STRL	...	5	7.85	−1.91	...
44.80	16.38	StevenMadden	SHOO	3.1	11	19.39	−8.38	.15
32.34	10.90	StitchFix	SFIX	...	60	14.58	+1.32	...
42.60	25.17	StockYardsBncp	SYBT	4.3	9	25.28	−3.71	.27
39.04	15.82	StokeTherap	STOK	...	...	22.21	+0.89	...
46.69	18.56	StoneCo	STNE	...	31	22.03	−10.47	...
30.60	12.18	Stratasys	SSYS	...	dd	17.14	+2.64	...
189.79	108.90	StrategicEd	STRA	2.1	31	115.13	−42.96	.60
31.22	12.88	Strattec	STRT	4.3	30	12.88	−3.77	.14
33.40	12.10	StratusProp	STRS	...	dd	18.32	−5.43	...
5.39	1.43	StrongbridgeBio	SBBP	...	dd	1.87	−0.27	...
27.83	14.22	SummitFin	SMMF	4.3	6	15.81	−3.32	.17
13.21	6.58	SummitStateBk	SSBI	6.9	7	6.97	−1.28	.12
3.10	1.13	SummitTherap	SMMT	...	dd	2.34	+0.04	...
36.70	1.00	SundanceEnergy	SNDE	...	10	2.60	+0.60	...
13.22	0.57	SundialGrowers	SNDL	...	...	.79	+0.05	...
4.72	1.30	SunOpta	STKL	...	dd	1.80	−0.31	...
16.04	4.03	SunPower	SPWR	...	cc	5.81	+0.75	...
23.66	7.84	SunRun	RUN	...	42	8.36	−2.84	...
30.00	15.76	SuperMicroComp	SMCI	...	10	16.88	−6.04	...
18.78	7.95	SuperiorGroup	SGC	5.0	10	8.06	−1.46	.10
39.15	13.12	SupernusPharms	SUPN	...	7	15.73	−0.63	...
5.09	1.15	SurfaceOncol	SURF	...	dd	1.67	−0.60	...
19.74	4.00	SurgeryPartners	SGRY	...	dd	5.25	−1.14	...
49.00	22.06	Surmodics	SRDX	...	54	25.09	−0.94	...
12.75	6.00	SutroBioph	STRO	...	dd	8.17	−2.03	...
38.24	22.12	SykesEnterprises	SYKE	...	15	23.51	−2.09	...
1.85	0.79	Synacor	SYNC	...	dd	.90	−0.12	...
19.65	8.33	Synalloy	SYNL	...	dd	12.20	+1.73	...
84.75	26.34	Synaptics	SYNA	...	dd	47.56	−12.44	...
9.05	2.46	Synchronoss	SNCR	...	dd	4.05	+1.11	...
12.27	4.52	SyndaxPharm	SNDX	...	dd	8.52	−0.66	...
74.25	30.02	SyneosHealth	SYNH	...	29	35.89	−15.98	...
10.01	1.35	Synlogic	SYBX	...	dd	1.83	+0.24	...
166.87	108.52	Synopsys	SNPS	...	35	110.00	−19.88	...
1.52	0.60	SyprisSolutions	SYPR	...	dd	.61	−0.06	...
11.93	4.26	SyrosPharm	SYRS	...	dd	5.59	+0.54	...

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52-Week High	52-Week Low	Name	Tick Sym	Yld	P/E	Last	Chg.	Div Amt.
47.46	16.96	TCF Financial	TCF	6.6	12	21.35	−6.45	.35
15.56	4.35	TCG BDC	CGBD	25.9	6	5.72	−3.62	.37
21.45	5.84	TCR2 Therap	TCRR	...	dd	6.89	+0.11	...
54.57	27.70	TD Ameritrade	AMTD	4.0	9	31.07	−3.12	.31
18.88	5.25	TelaBio	TELA	...	dd	6.57	−4.54	...
22.47	13.62	TFS Fin	TFSL	7.5	49	14.91	−2.56	.28
7.04	1.84	THL Credit	TCRD	40.0	dd	2.10	−1.70	.21
101.35	63.50	T-MobileUS	TMUS	...	19	74.55	−10.84	...
31.18	9.19	TPIComposites	TPIC	...	dd	11.01	−2.98	...
139.82	88.30	TRowePrice	TROW	4.0	10	90.34	−16.99	.90
50.45	26.28	TTEC	TTEC	2.2	18	30.10	−3.75	.34
16.25	8.49	TTM Tech	TTMI	...	25	8.99	−1.12	...
3.28	0.24	T2Biosystems	TTOO	...	dd	.38	−0.01	...
69.72	33.04	TabulaRasaHlth	TRHC	...	dd	44.51	+0.82	...
71.65	29.60	TactileSystems	TCMD	...	56	31.00	−8.88	...
8.54	2.48	TaiwanLiposome	TLC	...	dd	3.97	+0.94	...
135.70	87.97	TakeTwoSoftware	TTWO	...	34	100.15	−16.47	...
53.09	18.71	Talend	TLND	...	dd	20.92	−5.47	...
91.65	43.69	TandemDiabetes	TNDM	...	dd	49.95	−7.29	...
6.28	3.25	TandyLeather	TLF	...	...	3.25	−0.81	...
5.90	0.69	TarenaIntl	TEDU	...	...	3.56	+0.14	...
6.92	3.00	TatTechnologies	TATT	...	dd	3.14	−0.56	...
151.47	80.20	TechData	TECD	...	11	114.00	−19.74	...
30.00	15.32	TechTarget	TTGT	...	31	18.73	−1.18	...
10.46	6.15	Ericsson	ERIC	.7	96	6.95	−0.01	.1079
11.67	3.71	TeleNav	TNAV	...	dd	4.37	−0.64	...
1.30	0.19	Teligent	TLGT	...	dd	.24	−0.05	...
108.36	45.11	10xGenomics	TXG	...	dd	55.78	−1.58	...
36.26	16.28	Tenable	TENB	...	dd	18.28	−2.16	...
81.57	38.86	Teradyne	TER	.9	17	44.29	−10.24	.10
21.58	11.86	TerraFormPower	TERP	5.8	dd	13.90	−0.87	.2014
32.45	20.26	TerritBanc	TBNK	4.3	9	21.20	−2.34	.23
968.99	176.99	Tesla	TSLA	...	dd	427.53	−119.09	...
20.00	4.31	TesscoTech	TESS	1.3	dd	5.94	+1.11	.02
99.34	57.31	TetraTech	TTEK	.9	23	67.92	−13.11	.15
27.40	0.56	TetraphasePharm	TTPH	...	dd	.74	−0.71	...
66.61	19.38	TexasCapBcshs	TCBI	...	4	22.36	−11.08	...
135.70	93.09	TexasInstruments	TXN	3.7	19	97.60	−8.44	.90
72.49	25.15	TexasRoadhouse	TXRH	4.0	15	35.85	−8.33	.36
13.73	3.36	TheBancorp	TBBK	...	4	3.99	−3.52	...
5.50	0.95	TherapeuticsMD	TXMD	...	dd	1.01	−0.48	...
31.54	15.18	TheravanceBio	TBPH	...	dd	22.14	−2.70	...
14.50	4.16	36Kr	KRKR	...	dd	4.20	−0.35	...
24.45	6.37	360Finance	QFIN	...	3	6.92	−0.56	...
69.88	2.43	Tilray	TLRY	...	dd	3.65	−0.38	...
31.50	13.60	TimberlandBncp	TSBK	5.0	5	16.00	−2.85	.20
21.88	6.96	TitanMachinery	TITN	...	16	8.16	−0.49	...
26.07	1.92	TivityHealth	TVTY	...	dd	3.84	−0.52	...
9.69	4.16	TiVo	TIVO	.0	dd	6.19	+0.17	.08
7.70	1.54	TizianaLifeSci	TLSA	...	dd	1.78	−1.56	...
11.12	0.42	Tocagen	TOCA	...	dd	1.42	−0.22	...
31.40	0.39	TonixPharm	TNXP	...	dd	.97	+0.33	...
22.62	7.00	Torm	TRMD	...	4	8.17	−0.92	...
25.80	12.13	TowerSemi	TSEM	...	17	13.87	−0.93	...
5.33	0.50	TownSports	CLUB	...	dd	1.20	+0.15	...
29.02	16.88	TowneBank	TOWN	4.3	9	16.93	−3.44	.18
114.25	63.89	TractorSupply	TSCO	1.8	16	75.91	−0.30	.35
323.78	136.00	TradeDesk	TTD	...	75	170.00	−30.00	...
53.35	33.23	Tradeweb	TW	.8	55	39.27	−4.13	.08
13.59	3.04	TransActTechs	TACT	.0	48	3.14	−4.40	.09
34.18	16.50	Transcat	TRNS	...	24	26.39	+0.44	...
2.09	0.32	TransGlobeEner	TGA	18.5	dd	.38	−0.10	.035
14.34	6.80	TranslateBio	TBIO	...	dd	9.77	+0.84	...
31.54	10.10	TransMedics	TMDX	...	dd	13.74	+0.91	...
21.95	5.51	TravelCenters	TA	...	2	7.58	−3.95	...
22.85	3.05	Travelzoo	TZOO	...	10	3.49	−1.56	...
11.00	2.24	TremontMortgage	TRMT	30.8	4	2.86	−0.89	.22
10.62	2.01	TreviTherap	TRVI	...	dd	2.97	+0.47	...
13.86	4.91	TribunePub	TPCO	17.5	dd	5.70	−2.65	.25
44.30	18.02	Tricida	TCDA	...	dd	20.18	−5.16	...
41.42	23.05	TriCoBancshares	TCBK	3.4	9	25.97	−2.70	.22
33.45	20.77	TriMas	TRS	...	10	21.03	−2.25	...
46.67	20.01	Trimble	TRMB	...	13	26.00	−2.35	...
3.22	0.56	TrinityBiotech	TRIB	...	dd	.77	−0.22	...
46.50	20.10	Trip.com	TCOM	...	14	22.77	−2.30	...
56.60	13.73	TripAdvisor	TRIP	.0	18	15.84	−1.24	3.50
26.43	7.59	TriStateCapital	TSC	...	5	9.59	−5.33	...
43.15	19.03	TriumphBancorp	TBK	...	9	20.70	−2.16	...
5.38	1.33	trivago	TRVG	...	26	1.55	−0.04	...
7.24	2.15	TrueCar	TRUE	...	dd	2.29	−0.39	...
38.06	20.84	Trupanion	TRUP	...	dd	23.84	−3.70	...
9.10	4.61	TrustcoBank	TRST	5.8	8	4.66	−1.19	.0681
36.64	20.47	Trustmark	TRMK	3.8	10	24.14	−0.62	.23
2.33	0.81	TuesdayMorning	TUES	...	dd	.89	−0.54	...
5.12	0.80	Tuniu	TOUR	...	dd	.87	−0.26	...
67.54	24.21	TurningPtTherap	TPTX	...	dd	36.66	−1.97	...
12.76	4.05	TurtleBeach	HEAR	...	5	4.55	−0.67	...
16.81	6.31	21 Vianet	VNET	...	dd	13.41	−0.62	...
19.15	6.06	TwinDisc	TWIN	...	dd	8.25	+1.07	...
35.95	18.52	TwistBiosci	TWST	...	dd	23.97	−1.63	...
74.25	11.37	2U	TWOU	...	dd	15.98	−8.93	...

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52-Week High	52-Week Low	Name	Tick Sym	Yld	P/E	Last	Chg.	Div Amt.
71.97	41.33	UMB Fin	UMBF	2.8	9	43.77	−6.29	.31
16.77	2.36	USA Truck	USAK	...	dd	3.94	−0.09	...
2.98	0.92	USAutoPartsNtwk	PRTS	...	dd	1.55	−0.76	...
56.22	6.75	US Concrete	USCR	...	14	12.16	−3.17	...
67.24	24.94	US Ecology	ECOL	2.4	20	29.88	−4.41	.18
104.00	60.99	US Lime&Min	USLM	.9	16	71.87	−4.13	.16
368.83	124.05	UltaBeauty	ULTA	...	12	148.06	−59.00	...
30.00	10.14	UltraClean	UCTT	...	dd	12.44	−4.59	...
74.50	31.99	UltragenyxPharm	RARE	...	dd	37.37	−5.97	...
11.97	4.95	Ultralife	ULBI	...	17	5.31	−0.38	...
18.94	9.79	Umpqua	UMPQ	7.9	7	10.63	−0.95	.21
7.70	5.47	UnicoAmerican	UNAM	...	dd	5.47	−0.29	...
46.59	16.50	UnionBankshares	UNB	5.9	9	21.53	+0.54	.32
82.49	36.20	uniQure	QURE	...	dd	43.12	−1.37	...
96.03	17.80	UnitedAirlines	UAL	...	2	24.50	−17.14	...
24.54	15.75	UnitedBancshares	UBOH	3.3	5	16.85	+0.04	.14
40.70	19.99	UnitedBkshrsWV	UBSI	6.8	8	20.68	−2.97	.35
31.66	16.31	UtdCmtyBks	UCBI	3.8	8	18.40	−0.96	.18
53.68	25.00	UnitedFire	UFCS	4.7	51	28.06	−3.58	.33
20.89	10.65	UnitedGuardian	UG	9.0	12	12.25	−0.78	.55
11.45	5.04	UnitedSecBcshrs	UBFO	7.5	7	5.86	+0.07	.11
123.88	74.31	UnitedTherap	UTHR	...	dd	83.14	−8.77	...
12.79	5.00	Uniti	UNIT	11.5	cc	5.21	−1.49	.15
24.70	10.68	UnityBancorp	UNTY	2.6	6	12.35	−3.92	.08
10.41	4.62	UnityBiotech	UBX	...	dd	5.19	−0.31	...
230.32	105.11	UnivDisplay	OLED	.5	39	113.93	−31.59	.15
60.00	30.00	UnivElectro	UEIC	...	cc	31.55	−2.22	...
58.10	29.00	UniversalForest	UFPI	.8	11	30.84	−8.94	.125
27.49	11.24	UnivLogistics	ULH	3.7	9	11.46	−1.57	.105
18.27	6.11	UnivStainless	USAP	...	14	6.66	−1.37	...
27.80	14.01	UnivestFin	UVSP	5.5	7	14.60	−3.48	.20
4.87	0.30	UnumTherap	UMRX	...	dd	.37	+0.05	...
23.89	2.03	UpFintech	TIGR	...	dd	2.35	−0.16	...
54.87	20.75	UplandSoftware	UPLD	...	dd	23.95	−1.69	...
20.90	5.14	Upwork	UPWK	...	dd	6.19	−0.98	...
34.24	12.34	UrbanOutfitters	URBN	...	9	15.43	−0.25	...

Exchange-Traded Portfolios

Bats

Name	Tick Sym	Yld	Last	Chg.	Div Amt.
ALPSCleanEnergy	ACES	2.4	25.71	–4.04	.1529
ALPS DisrupTech	DTEC	.6	23.10	–3.17	.1375
ARK AutoTech	ARKQ	...	28.92	–3.08	...
ARKGenomicRev	ARKG	.0	27.16	–1.25	1.0539
ARK Israel Innov	IZRL	3.2	14.97	–1.55	.4753
AffinityWorldLdr	WLDR	3.9	14.69	–2.19	.0673
AlphaIntQuMom	IMOM	2.4	17.89	–2.77	.1183
AlphaIntQuVal	IVAL	4.8	18.23	–2.51	.1505
AlphaUSQuMom	QMOM	.8	22.50	–4.51	.0444
AlphaUSQuVal	QVAL	3.6	16.45	–4.09	.0719
AlphaArchValMom	VMOT	2.2	20.06	–0.96	.3566
AlphaCloneAltAlpha	ALFA	.2	38.82	–8.69	.0919
AmCustSatisfCore	ACSI	2.3	25.17	–3.77	.583
AnfieldCapDiv	DALT	7.2	6.32	–1.74	.0353
AnfieldUSEquity	AESR	.5	7.35	–1.14	.0333
AnfieldUnivFx	AFIF	2.4	9.57	–0.48	.0149
AptusCollncmOpp	ACIO	2.6	22.42	–1.94	.1014
AptusDefRisk	DRSK	1.8	27.09	–1.19	.0712
AptusDrawMgd	ADME	1.9	26.94	–2.17	.0488
ArrowResCapMgmt	ARCM	2.4	99.27	–0.79	.1319
S&PVEQTOR	VQT	...	182.46	+13.47	...
BarclaysETN+Select	ATMP	16.1	8.11	–1.37	.3264
BarcRetDisability	RODI	...	60.64	–23.74	...
BarclaysWILETN	WIL	...	51.08	–8.12	...
CBOES&P500DivAr	KNG	5.8	32.74	–4.92	.4761
CambriaEmSharehldr	EYLD	6.6	20.60	–3.09	.4343
CambriaFgnShare	FYLD	6.3	14.38	–2.61	.1828
CambriaGlbAssetAll	GAA	3.8	21.59	–1.97	.1058
CambriaGlbMomentum	GMOM	3.1	21.39	–1.20	.2476
CambriaGlbValue	GVAL	4.8	14.28	–2.16	.214
CambriaMarijuana	TOKE	7.7	8.78	–0.41	.2424
CambriaShareholder	SYLD	3.6	23.11	–4.98	.2343
CambriaSovHiYdBd	SOVB	5.8	20.34	–2.03	.1153
CambriaTailRiskETF	TAIL	1.2	24.80	+1.34	.0908
CambriaTrinity	TRTY	3.2	19.74	–1.30	.0244
CambriaValue	VAMO	1.5	15.89	–1.09	.0486
DeutX EM Bd	EMIH	5.6	18.48	–1.89	.0664
DeutXHYCorpBdInt	HYIH	7.7	16.71	–2.38	.1081
DeutXInvGradeBdInt	IGIH	4.1	19.39	–1.68	.0642
EventShUSPolicy	PLCY	...	16.46	–2.43	...
FTCboeUSBuffAug	FAUG	...	24.89	–2.41	...
FTCboeUSBuffFeb	FFEB	...	23.69	–2.65	...
FTCboeUSBuffNov	FNOV	...	24.91	–2.45	...
FTCboeUSDeepAug	DAUG	...	26.74	–2.13	...
FTCboeUSDeepFeb	DFEB	...	26.29	–1.69	...
FTCboeUSDeepNov	DNOV	...	26.93	–2.13	...
FidelityLowDurBd	FLDR	3.1	44.77	–4.23	.089
FidelityStkInfl	FCPI	2.6	17.32	–3.07	.129
FidelityTargEM	FDEM	3.4	17.83	–2.81	.105
FidelityTargIntl	FDEV	3.8	19.36	–1.99	.146
FTLuntUSFactor	FCTR	1.5	15.31	–2.89	.0709
FlexShCredScUSLg	LKOR	4.6	45.74	–9.68	.1559
FlexMrnUSMktFtrTlt	TILT	2.4	83.23	–14.81	.4543
FlexSTOXXGlbESGImp	ESGG	2.7	77.25	–10.65	.3816
FlexSTOXXUSESGImp	ESG	2.1	55.58	–8.58	.307
FlexShUSQualLC	QLC	2.8	25.29	–4.77	.141
FormulaHdgGrwth	FFHG	.9	21.50	–1.12	.0423
FormulaFolIncm	FFTI	3.9	21.78	–2.12	.0643
FormulaFolSmartGrw	FFSG	3.1	18.66	–3.42	.2057
FormulaFolTactGrw	FFTG	1.8	20.20	–2.68	.0497
FrankDisrComm	BUYZ	...	18.90	–1.21	...
FrankGenAdv	HELX	...	20.06	–1.16	...
FrankIntMach	IQM	...	17.83	–3.11	...
FrankHYCorp	FLHY	7.6	20.50	–3.44	.0897
FrankIntlAggBd	FLIA	2.2	24.63	–0.43	.5181
FrankSrLoan	FLBL	5.4	20.39	–2.94	.0722
FranklinLib US	FLQL	2.7	24.62	–4.52	.1076
FranklinLibUS MC	FLQM	2.1	22.10	–4.59	.0693
FranklinLibUS SC	FLQS	2.3	18.05	–3.35	.0442
Freedom100EM	FRDM	2.2	17.78	–3.17	.0914
GlbX FdrRunCos	BOSS	.7	14.27	–2.35	.0697
GlbXRuss2000Cvr	RYLD	16.2	15.69	–2.48	.2387
GlbXTarget5	TFIV	7.2	19.08	–2.38	.11
GlbXTargetPlus2	TFLT	5.5	20.54	–2.07	.075
GlbXUSInfrDevt	PAVE	1.1	10.35	–2.54	.0537
GSAccInflUSDBd	GTIP	2.6	51.75	+0.30	.0558
GSAccUltShBd	GSST	2.4	49.56	–0.91	.0816
GS EW US LC Equity	GSEW	2.5	33.64	–6.87	.2225
HartfordCoreBd	HCRB	...	38.56	–2.72	...
HartfordLowVolIntl	RODE	4.0	18.22	–6.62	.4328
HartfordLowVolUS	LVUS	3.1	21.58	–4.36	.228
HartfordShrtDur	HSRT	3.8	37.06	–2.70	.1081
InnovLuntLowVol	LVHB	2.2	22.14	–4.76	.175
InnovNasd100Oct	NOCT	...	28.94	–2.12	...
InnovNasd100Jan	NJAN	...	31.00	–1.97	...
InnovRuss2000Oct	KOCT	...	19.00	–2.13	...
InnovRuss2000Jan	KJAN	...	19.64	–2.48	...
InnovS&P500Buff	BJUL	...	21.66	–2.93	...
InnovS&P500BuffO	BOCT	...	20.49	–2.71	...
InnovS&P500BuffA	BAPR	...	21.85	–2.72	...
InnovS&P500Aug	BAUG	...	20.88	–2.39	...
InnovS&P500Dec	BDEC	...	21.10	–2.46	...
InnovS&P500Feb	BFEB	...	19.16	–2.15	...
InnovS&P500Jan	BJAN	...	22.48	–2.72	...
InnovS&P500BuffJun	BJUN	...	22.47	–2.91	...
InnovS&P500BuffMar	BMAR	...	21.37	–2.75	...
InnovS&P500BuffN	BNOV	...	20.89	–2.35	...
InnovS&P500JSep	BSEP	...	20.44	–2.38	...
InnovS&P500Pwr	PJUL	...	22.66	–1.84	...
InnovS&P500PwrF	PFEB	...	20.27	–2.06	...
InnovS&P500PwrN	PNOV	...	21.74	–2.06	...
InnovS&P500PwrA	PAPR	...	22.69	–1.53	...
InnovS&P500Aug	PAUG	...	21.62	–1.85	...
InnovS&P500PwrD	PDEC	...	22.14	–1.96	...
InnovS&P500Jan	PJAN	...	23.57	–1.71	...
InnovS&P500PwrJun	PJUN	...	23.06	–2.47	...
InnovS&P500PwrBuff	PMAR	...	22.14	–2.52	...
InnovS&P500PwrO	POCT	...	21.07	–2.13	...
InnovS&P500Sep	PSEP	...	21.60	–1.83	...
InnovS&P500UltA	UAPR	...	23.10	–1.29	...
InnovS&P500UltAug	UAUG	...	22.66	–1.93	...
InnovS&P500UltDec	UDEC	...	23.46	–1.40	...
InnovS&P500UltFeb	UFEB	...	21.62	–1.55	...
InnovS&P500UltJan	UJAN	...	24.52	–1.18	...
InnovS&P500UltrJul	UJUL	...	22.00	–2.00	...
InnovS&P500UltJun	UJUN	...	23.03	–1.61	...
InnovS&P500Ultra	UMAR	...	23.67	–1.68	...
InnovS&P500UltN	UNOV	...	22.81	–1.49	...
InnovS&P500UltO	UOCT	...	22.19	–1.09	...
InnovS&P500UltSep	USEP	...	22.27	–1.63	...
InnovS&PHiQualPfd	EPRF	6.5	18.91	–3.37	.10
InvscBalMulti	PSMB	4.6	10.48	–1.52	.5967
InvscConsrvMulti	PSMC	6.3	10.53	–1.22	.44
InvscGrwMultAll	PSMG	3.4	10.70	–1.58	.3467
InvscModConserv	PSMM	3.8	10.73	–1.51	.3955
InvscPureDevxNA	PBDM	4.0	17.34	–1.96	.11
InvscPureFTSEEM	PBEE	4.3	17.79	–2.54	.28
InvscPureMSCIUSA	PBUS	2.1	23.14	–3.48	.174
InvscPrMSCIUSASC	PBSM	1.9	17.29	–3.14	.1445
InvscPureUSAggBd	PBND	2.8	25.53	–0.64	.0588
InvscPure0-5YTIPS	PBTP	2.2	24.48	–0.13	.1175
InvscRuss1000Dyn	OMFL	2.2	23.25	–4.17	.1872
InvscRs1000EnhEW	USEQ	2.8	18.77	–4.10	.0919
InvscRuss2000Dyn	OMFS	2.2	17.07	–3.20	.1023
InvscS&P500MinVar	SPMV	2.0	23.14	–3.69	.53
InvscS&PIntlDev	IDHD	8.6	19.10	–2.89	.70
InvscS&PSCHiDiv	XSHD	9.0	13.30	–3.75	.1149
InvscS&PSCQuality	XSHQ	1.7	19.29	–2.57	.1333
iPathInvrUS	TAPR	...	70.50	+61.89	...
iPathS&P500DynVIX	XVZ	...	45.01	+11.03	...
iPathS&P MLPETN	IMLP	18.0	6.30	–1.39	.2843
iPathBS&P500VIXMid	VXZ	...	37.19	+9.50	...
iPathS&P500VIX	VXX	...	60.55	+17.35	...
iPathUSTrea10yBr	BTYS	...	42.84	+0.32	...
iPath5-YearBear	DFVS	...	15.51	–16.49	...
iPathUSTrea5YrBull	DFVL	...	82.57	+1.19	...
iPathFlattener	FLAT	...	59.76	–9.15	...
iPathSteepener	STPP	...	27.89	+0.94	...
iPath10-yearBull	DTYL	...	95.15	+0.97	...
iPath2yearBear	DTUS	...	22.04	+0.76	...
iPath2yearBull	DTUL	...	73.87	–18.24	...
iShAdCurrHdgMSCI	DEFA	4.5	20.56	–1.96	.6022
iShIntmGovt/CredBd	GVI	2.3	110.67	–3.58	.2028
iShBrdUSDHYCpBd	USHY	7.5	32.26	–5.16	.1802
iShConvBond	ICVT	2.4	49.50	–5.76	.081
iShCoreMSCIEAFE	IEFA	4.7	43.74	–5.06	1.1966
iShCurrHdgMSCIEAFE	HEFA	4.3	22.33	–1.48	.6163
iShCurrHdgMSCIEM	HEEM	4.1	19.84	–2.14	.5655
iShIntlSelDividend	IDV	8.5	20.23	–4.13	.3834
iShTransportAvg	IYT	2.0	123.05	–19.53	.7636
iShU.S.Industrials	IYJ	2.0	109.28	–23.28	.5937
iShUSAerospace&Def	ITA	2.8	120.75	–36.63	.5853
iShUSHomeConstrn	ITB	.9	25.42	–8.90	.0551
iShUSOil&GasExpln	IEO	4.8	21.20	–3.52	.3065
iShUSTelecomm	IYZ	3.0	23.32	–2.75	.209
iShESGMSCIUSASC	ESML	1.8	17.54	–3.59	.1074
iShEdgeHYDefBd	HYDB	7.1	40.77	–6.17	.241
iShEdgeInvGrEnhBd	IGEB	4.1	44.94	–2.75	.1513
iShEdgeMSCIMinEAFE	EFAV	5.6	55.73	–4.94	1.7344
iShEdgeMSCIMinVlEM	EEMV	3.5	43.44	–5.08	.6242
iShEdgeMSCIMinVol	ACWV	3.3	73.14	–9.79	1.0235
iShEdgeMSCIMinUSA	USMV	2.5	48.35	–9.18	.2869
iShMSCIMinVolUSASC	SMMV	2.5	22.92	–5.33	.1166
iShEdgeMSCIUSAMom	MTUM	2.0	93.81	–19.33	.5046
iShEdgeMSCIUSAQual	QUAL	2.2	72.06	–12.80	.4405
iShEdgeMSCIUSAVal	VLUE	4.1	56.52	–11.34	.6043
iShUSFixedIncmBal	FIBR	3.5	90.89	–7.45	.2677
iShEmMkCorpBdFd	CEMB	5.0	43.23	–4.47	.1823
iShEMHYBd	EMHY	7.4	35.11	–6.07	.2113
iShEvolCnStpls	IECS	3.0	21.45	–3.13	.2358
iShEvolUSDisc	IEDI	1.5	22.77	–3.35	.2439
iShEvolUSFin	IEFN	3.4	15.87	–3.54	.1525
iShEvolUSHlthcr	IEHS	.9	23.27	–4.03	.2961
iShEvolUSInnHlthcr	IEIH	1.7	22.96	–1.88	.5821
iShEvolUSMedia	IEME	1.4	17.93	–2.94	1.0633
iShEvolUSTech	IETC	.8	26.04	–3.60	.1095
iShExpTechSftwr	IGV	.1	190.08	–20.63	.0464
iShMtgRealEstCap	REM	18.2	20.01	–12.33	.9281
iShFctUSGrwStyle	STLG	...	18.02	–2.58	...
iShFctUSValStyle	STLV	...	15.63	–1.96	...
iShFloatingRateBd	FLOT	3.0	45.24	–2.95	.0856
iShGlbxUSDHiYdCpBd	HYXU	1.6	39.86	–7.14	.6189
iShGlbHiCorpBdFd	GHYG	6.0	37.03	–7.65	.1699
iShGoldStrategy	IAUF	...	51.15	–1.05	...
iShiBdsDec2028Muni	IBMQ	1.7	23.14	–2.59	.0326
iShiBdsDec25Muni	IBMN	1.7	24.50	–2.46	.032
iShiBdsDec24Muni	IBMM	1.8	23.94	–2.29	.0332
iShiBdsDec27Mun	IBMP	1.7	22.94	–2.69	.0291
iShiBdsDec26Muni	IBMO	1.5	22.90	–2.77	.0274
iShiBdsDec23Muni	IBML	1.7	24.51	–1.13	.0332
iShiBds2025TermHY	IBHE	8.6	18.56	–5.30	.124
iShiBds2024TermHY	IBHD	7.1	21.52	–1.81	.1171
iShiBds2021TermHY	IBHA	5.7	22.25	–1.71	.0867
iShiBds2023TermHY	IBHC	7.2	21.35	–1.54	.1135
iShiBds2022TermHY	IBHB	6.4	21.61	–1.23	.0979
iShInflHdgCpBd	LQDI	4.4	19.50	–4.60	.0692
iShIntlAggregateBd	IAGG	2.6	54.00	–0.53	.113
iShIntlDivGrowth	IGRO	3.9	40.20	–6.20	.0228
iShLiquidityIncm	ICSH	2.6	49.00	–1.14	.0812
iShMSCIArgentina	AGT	2.4	12.61	–3.36	.0818
iShMSCIChileCapped	ECH	4.3	19.00	–4.48	.7503
iShMSCIChinaAETF	CNYA	1.4	26.29	–3.55	.1139
iShMSCIDenmarkCap	EDEN	3.2	51.08	–7.31	1.5191
iShMSCIEmgMulti	EMGF	3.8	31.58	–4.83	.4494
iShMSCIEurozone	EZU	4.5	26.49	–3.94	.1697
iShMSCIFinlandCap	EFNL	8.5	25.64	–3.59	.6572
iShMSCIGermanySC	EWGS	4.6	37.09	–8.33	1.0679
iShMSCIGlbMet&MinPr	PICK	9.9	16.50	–3.05	.0482
iShMSCIGlSilverMin	SLVP	3.3	6.85	+0.85	.1901
iShMSCIEAFEGrowth	EFG	2.3	62.79	–7.00	.9686
iShMSCIIndiaETF	INDA	1.5	23.07	–5.24	.0326
iShMSCIIndiaSC	SMIN	2.7	23.45	–5.84	.4153
iShMSCINorwayCap	ENOR	6.0	13.23	–3.29	.1321
iShMSCIUKSC	EWUS	5.0	22.81	–7.69	.6026
iShMSCIEAFEValue	EFV	7.4	31.19	–4.25	1.3773
iShMornMultiAsst	IYLD	7.0	18.18	–3.41	.0521
iShNorthAmNatRscs	IGE	5.7	14.65	–2.71	.8382
iShRussell2500	SMMD	2.4	29.63	–6.43	.2092
iShIntlPfdStock	IPFF	7.3	9.13	–1.71	.0584
iShShortMaturityBd	NEAR	2.8	46.54	–3.04	.0961
iShShtMatMuniBd	MEAR	1.6	49.14	–0.78	.0533
iShCohen&StrsREIT	ICF	3.8	79.16	–25.42	.6941
iShUS Div&Buyback	DIVB	3.1	20.61	–3.76	.1655
iShUSInfr	IFRA	2.7	17.62	–3.24	.1305
iShUSTreasuryBdETF	GOVT	1.8	27.63	+0.20	.0374
JPMBetaCanada	BBCA	3.7	16.37	–3.45	.2068
JPMBetaDevAsia	BBAX	6.2	17.08	–1.82	.1988
JPMBetaEurope	BBEU	5.0	16.61	–2.44	.1227
JPMBetaIntl	BBIN	.1	35.25	–4.13	.0464
JPMBetaJapan	BBJP	3.0	18.57	–0.47	.5657
JPMBetaUSREIT	BBRE	3.3	55.33	–18.76	.6731
JPMBeta1-5Y	BBSA	2.4	24.96	–0.55	.0452
JPMBetaUSEquity	BBUS	2.6	41.42	–6.77	.2837
JPMCorePlusBd	JCPB	2.7	52.81	–1.11	.0961
JPMorganDiscplHY	JPHY	6.5	39.56	–7.24	.2058
JPMGlblBdOpps	JPGB	5.3	44.56	–4.46	.1548
JPM Municipal	JMUB	2.5	48.66	–3.81	.0836
JPM UltShtIncm	JPST	2.6	48.97	–1.19	.085
JPM UltShtMuni	JMST	1.6	49.43	–1.00	.0522
LHAMktStUSTact	MSUS	...	22.08	–2.21	...
LeggMasonEMLowVol	LVHE	5.3	18.53	–1.77	.1492
LeggMasonIntLowVol	LVHI	6.4	19.35	–1.00	.0847
MainSectorRot	SECT	1.1	22.53	–2.38	.0458
MotleyFool100	TMFC	.6	19.75	–2.89	.1256
MotleyFoolSCGrw	MFMS	...	19.30	–2.27	.3406
NuvESGEMEquity	NUEM	2.8	19.47	–2.17	.5415
NuvESGIntlDev	NUDM	5.0	18.51	–2.54	.9217
NuvESGLC	NULC	1.0	21.13	–3.39	.2139
NuvESGLCGrowth	NULG	.6	31.12	–5.49	.2615
NuvESGLCValue	NULV	2.2	21.88	–3.82	.4814
NuvESGMCGrowth	NUMG	.4	25.65	–3.89	.0961
NuvESGMCValue	NUMV	4.0	17.89	–4.21	.7238
NuvESGSC	NUSC	1.5	18.99	–4.10	.2813
NuvShTermREIT	NURE	5.0	17.91	–6.78	.0947
PacerIntlCashCow100	ICOW	5.9	16.71	–2.53	.204
PacerGlCashCows	GCOW	6.8	20.23	–3.75	.4325
PacerTrendEurIndex	PTEU	...	23.74	+0.08	...
PacerTrendpilot450	PTMC	...	28.36	–0.09	...
PacerTrendpilot100	PTNQ	...	32.96	–3.79	...
PacerTrendpilot750	PTLC	...	27.02	+0.24	...
PacerUSCashCows100	COWZ	3.0	20.02	–3.69	.1551
PacerUSSCCash100	CALF	2.4	15.69	–2.52	.135
PacerWealthShield	PWS	1.7	22.53	+0.54	.0748
PointBridgeGOP	MAGA	3.6	17.30	–3.70	.628
PremiseCapDivTact	TCTL	11.0	24.21	–1.94	.6679
PrincipalGlblDiv	GDVD	4.2	19.62	–3.67	.1993
PrincipalSpectPfd	PREF	5.8	79.41	–16.43	.3902
ProShGlbListedPrv	PEX	14.3	19.23	–6.44	1.4907
ProShHYIntRt	HYHG	7.8	49.67	–7.40	.281
ProShInvGrdIntRt	IGHG	4.6	57.66	–9.70	.1963
ProShK1FreeCrude	OILK	2.4	8.52	–3.56	.0652
ProShLCCorePlus	CSM	2.1	52.94	–8.69	.3194
ProShDivGrowers	EFAD	2.9	28.55	–3.64	.2198
ProShMSCIEMDiv	EMDV	3.7	38.82	–8.15	.4748
ProShMSCIEurDiv	EUDV	3.3	30.05	–4.75	.2448
ProShMergerETF	MRGR	.8	35.46	–1.60	.2162
ProShMornAltSoln	ALTS	2.8	31.07	–2.32	.213
ProShPetCare	PAWZ	.5	33.74	–3.68	.0894
ProShRuss2000Div	SMDV	3.0	42.25	–4.75	.2992
ProShRussUSDivGrw	TMDV	.9	29.04	–3.90	.0664
ProShS&P500Arist	NOBL	2.7	52.23	–9.80	.4403
ProShS&PMC400	REGL	2.9	41.13	–6.58	.3329
ProShS&PTechDiv	TDV	.6	29.66	–4.47	.0475
ProShShortUSDEmgBd	EMSH	3.9	68.05	–2.69	.2133
ProShTrMgdFut	FUT	1.3	40.46	+0.81	.0274
RealityDIVDivDef	DFND	.8	29.21	–2.48	.0651
RealityDIVCONDivGd	GARD	1.3	19.90	–3.53	.113
RealityDIVCONLdrs	LEAD	1.8	28.93	–5.15	.1593
RewWeightUSLC	RVRS	3.0	10.68	–2.32	.3232
SPDRDoubleEMFixed	EMTL	4.5	44.92	–4.07	.1518
SPDRDoubleShDurTR	STOT	2.7	47.58	–1.71	.0879
SabaClosedEndFds	CEFS	12.1	13.92	–3.26	.14
SaltHitruBetaUS	SLT	...	15.82	–2.93	...
SaltLowUSMkt	LSLT	2.1	20.73	–3.80	.4255
SourceDivOpp	DVOP	...	15.53	–2.35	...
StrategyResRobust	ROMO	.8	19.71	–2.59	.1519
3DPrintingETF	PRNT	.1	14.75	–1.81	.015
TortoiseDigPay	TPAY	.2	21.62	–4.53	.527
TortoiseWaterFd	TBLU	3.0	24.65	–3.87	.1187
TrimTabsAllCapIntl	TTAI	...	18.72	–2.25	...
TrimTabsACUSFree	TTAC	...	27.30	–5.27	...
VanEckAMTFrIntMuni	ITM	2.6	41.85	–5.75	.0808
VanEckAMTFrLgMun	MLN	3.4	17.03	–2.55	.0446
VanEckAMTFrShMuni	SMB	1.7	16.59	–0.81	.0212
VanEckCEFMuni	XMPT	4.9	22.75	–2.54	.0812
VanEckHYMuni	HYD	5.6	46.49	–7.00	.2016
VanEckMornDur	DURA	3.4	21.01	–3.28	.3867
VanEckMornGlb	GOAT	...	22.52	–2.80	...
VanEckMornIntlMoat	MOTI	5.7	21.96	–2.34	1.25
VanEckMornWideMoat	MOAT	1.8	39.16	–5.07	.7167
VanEckMuni	MAAX	3.7	19.66	–3.12	.0431
VanEckRussia	RSX	9.6	14.80	–2.54	1.4162
VanEckRussiaSC	RSXJ	...	21.66	–3.73	...
VanEckShHYMuni	SHYD	4.2	19.41	–2.44	.0625
VanEckVietnam	VNM	1.2	10.50	–0.70	.1051
VangdESGIntlStk	VSGX	3.3	37.17	–5.08	.3862
VangdESGUSStk	ESGV	1.8	40.77	–7.01	.1433
VangdUSLiquid	VFLQ	2.2	55.61	–10.40	.4858
VangdUSMinVol	VFMV	3.5	64.58	–11.33	.8404
VangdUSMom	VFMO	1.8	58.88	–10.78	.3638
VangdUSMultifact	VFMF	2.6	49.92	–10.90	.3793
VangdUSQual	VFQY	2.0	56.70	–9.14	.365
VangdUSValue	VFVA	3.9	42.41	–8.55	.4985
Velocity1xInvVS	EXIV	...	6.84	–3.56	...
Velocity1xLgVSTOXX	EVIX	...	14.13	+2.86	...
WisdTrYdEnhUSST	SHAG	2.9	48.44	–2.01	.1125
WisdomDynCurrIntl	DDWM	5.3	20.79	–2.10	.19
WisdomDynCurrIntSC	DDLS	5.7	21.25	–3.28	.3012
WisdTrDynLSUS	DYLS	...	19.61	–2.95	...
WT EM ESG Fd	RESE	5.4	21.47	–4.70	.2455
WisdTrEurMultFd	EUMF	3.9	20.50	–2.06	.1381
WisdomTreeCpBdFd	WFIG	3.6	44.05	–6.51	.125
WisdomTreeUSHYCpBd	WFHY	6.6	40.96	–6.65	.225
WisdTrUSSTCpBd	SFIG	2.7	46.04	–3.36	.10
WisdTrUSSTHY	SFHY	6.6	41.22	–5.53	.205
WisdTrIntlESGFd	RESD	2.9	18.95	–2.34	.1566
WisdTrIntlQualDiv	IQDG	2.8	22.50	–2.90	.1568
WisdTrJpnMultFd	JNMF	4.1	20.83	+1.76	.1878
WisdTrUSMulti	USMF	2.0	22.00	–4.29	.1166
XtrkrsEurozone	EURZ	4.1	14.90	–2.18	.1128

NASDAQ

Name	Tick Sym	Yld	Last	Chg.	Div Amt.
AdvShDWAlphaEW	DWEQ	...	18.74	–2.56	...
AdvShDW FSM AC	DWAW	...	19.57	–2.74	...
AdvShDW FSM US	DWUS	...	19.39	–3.13	...
AdvShDorseyMc	DWMC	.1	14.09	–2.31	.0178
AdvShDorseyShrt	DWSH	...	40.12	+4.32	...
AdvShViceETF	ACT	3.7	16.85	–2.16	.6203
AlphaMarkActiveMgd	SMCP	1.0	15.89	–1.61	.1539
AmplifyOnlineRet	IBUY	.4	36.57	–3.81	.1494
ArrowCntryRotat	DWCR	3.0	17.90	–4.94	.2633
ArrowInvDWATact	DWAT	2.3	8.40	–0.76	.1423
ClearBr AC Grw	CACG	.8	26.01	–3.84	.2581
ClearBrDivStrat	YLDE	2.1	23.50	–3.86	.115
ClearBrLCGrw	LRGE	.5	29.18	–3.84	.14
CSX-LinksCrudeOil	USOI	29.5	9.10	–2.74	.3031
CSXLGoldCvETN	GLDI	8.5	8.55	–0.05	.0471
CSX SilverETN	SLVO	11.8	4.85	–0.66	.0262
DavisFinl	DFNL	2.4	14.99	–3.51	.282
DavisSelectIntlETF	DINT	3.7	13.35	–1.98	.49
DavisUSEquity	DUSA	1.6	17.80	–2.78	.29
DavisWorldwide	DWLD	3.3	17.30	–2.70	.57
DorseyWrightETN36	BMLP	15.2	22.86	–1.74	.8828
FidelityNasdComp	ONEQ	1.3	267.18	–39.27	.90
FT AltAbsRet	FAAR	1.1	24.88	–0.21	.2647
FT APxJapan	FPA	6.5	17.20	–4.17	.4929
FT BICK	BICK	1.9	18.81	–3.14	.1522
FT BrazilAlpha	FBZ	18.6	8.43	–2.47	1.3076
FT BuyWrite	FTHI	6.0	16.05	–1.89	.08
FT CEFIncmOpp	FCEF	7.5	14.27	–3.07	.0975
FT CA MuniHi	FCAL	2.9	46.90	–4.42	.095
FT CanadaAlpha	FCAN	1.9	13.42	–3.38	.0684
FT CapStrength	FTCS	1.7	44.86	–7.17	.2023
FT ChinaAlphaDEX	FCA	5.0	19.94	–3.15	.2411
FT CloudComp	SKYY	.7	48.99	–2.66	.0515
FT DevIntlEquity	RNDM	4.9	35.22	–5.13	.6173
FT DevMkts	FDT	4.4	34.94	–5.79	.6269
FT DevMktsXUS	FDTS	3.9	22.78	–2.66	.4799
FT DorseyDyn5	FVC	1.4	20.70	–2.06	.0966
FT DorseyFoc5	FV	.8	22.74	–3.00	.083
FT DorseyIntl5	IFV	5.1	12.27	–2.53	.3354
FT DW Momentum	DDIV	5.1	15.40	–4.88	.3034
FT DW Mom&Low	DVOL	2.5	15.77	–3.63	.1935
FT DW Mom	DVLU	3.2	10.34	–3.29	.0964
FT DorseyWright	DWPP	1.6	22.42	–4.16	.0992
FTDorseyDALI1	DALI	.6	14.79	–2.26	.0425
FT DJ IntlInt	FDNI	3.8	20.22	–1.47	.3087
FT MultAsstDiv	MDIV	10.4	10.81	–2.70	.1216
FT NasdTechDiv	TDIV	3.1	31.79	–4.26	.3236
FT EM Alphadex	FEM	5.4	16.19	–3.18	.0893
FT EM EquitySel	RNEM	4.2	35.75	–5.57	.1025
FT EM LocalCurr	FEMB	6.9	30.13	–2.95	.15
FT EM SC Alpha	FEMS	7.5	22.91	–5.44	.645
FT EnhShtMat	FTSM	2.4	57.71	–2.13	.093
FT EuropeAlpha	FEP	4.5	21.95	–4.72	.232
FTEurozoneAlpha	FEUZ	3.2	24.84	–4.15	.1528
FT GerAlpha	FGM	3.8	26.98	–4.42	.0631
FT GlTactCommod	FTGC	1.1	14.05	–1.03	.1538
FTHdgBuyWriteIncm	FTLB	3.5	19.07	–0.74	.055
FT HK AlphaDEX	FHK	3.8	26.36	–2.46	.0831
FT IPOXEurEq	FPXE	2.8	16.20	–1.78	.145
FT GlblAgri	FTAG	3.7	14.74	–1.85	.0447
FT GlbNatRscs	FTRI	10.5	7.44	–1.20	.2155
FTIndiaNifty50EW	NFTY	1.5	22.81	–3.72	.1868
FTIndxxInnTran	LEGR	2.9	22.72	–3.13	.1065
FTIndxxNextG	NXTG	1.0	41.24	–5.49	.2393
FTIntlEquOpps	FPXI	.8	31.54	–4.11	.065
FT JapanAlpha	FJP	3.7	37.82	+0.13	.8119
FT LC CoreAlpha	FEX	2.0	42.12	–8.26	.2543
FT LC GrwthAlpha	FTC	.9	52.31	–9.60	.1109
FT LC US Equity	RNLC	2.3	16.77	–3.11	.1118
FT LC Value	FTA	3.3	32.61	–7.30	.3019
FT LatAmAlpha	FLN	3.8	11.49	–2.58	.0549
FT LowDurOpp	LMBS	2.5	50.81	–1.11	.10
FT LowDurStrat	LDSF	3.1	19.11	–0.91	.041
FT MgdMuni	FMB	2.7	49.58	–3.90	.105
FT MegaCap	FMK	2.1	26.48	–4.81	.1854
FT MC CoreAlpha	FNX	2.1	42.74	–9.14	.3875
FT MC GrwthAlpha	FNY	.4	32.06	–4.36	.1074
FT MC US Equity	RNMC	2.8	13.98	–3.20	.1344
FT MC ValAlpha	FNK	3.5	18.94	–4.27	.2633
FT MCGrAlpDX	FAD	.7	52.71	–9.57	.161
FT MuCValAlpha	FAB	3.2	32.05	–7.07	.3382
FTMuniCEFIncmOpp	MCEF	3.6	16.17	–1.77	.05
FTMuniHiIncm	FMHI	3.8	46.72	–4.30	.14
FT NasdComBk	QABA	3.4	30.22	–5.02	.2626
FT NasdCleanEdge	QCLN	1.2	17.66	–3.60	.0291
FT NasdClEdSmGr	GRID	1.9	37.15	–6.79	.0802
FT NasdCybersec	CIBR	.3	22.64	–1.66	.0472
FT NasdGlblAuto	CARZ	5.1	21.19	–4.06	.3022
FT Nasd100xTech	QQXT	.5	44.16	–6.85	.0604
FT Nasd100Tech	QTEC	.9	74.00	–10.61	.2216
FT NasdArtlIntel	ROBT	.6	23.49	–3.50	.0114
FTNasdaqBk	FTXO	4.8	14.84	–3.09	.2245
FT NasdFood&Bev	FTXG	1.8	15.73	–1.52	.0916
FT NasdOil&Gas	FTXN	6.1	7.41	–1.42	.0669
FT NasdPharm	FTXH	.9	17.20	–1.55	.0411
FT NasdRetail	FTXD	1.7	17.00	–1.89	.0648
FT NasdSemicon	FTXL	1.3	28.36	–4.49	.1025
FT NasdaqTrans	FTXR	2.5	12.92	–3.68	.086
FT Nasd100 EW	QQEW	.6	55.28	–8.71	.1091
FT RBA AmerInd	AIRR	.3	17.48	–3.16	.0495
FTRisingDivAch	RDVY	2.5	22.32	–5.06	.1881
FT RiverFrDynAP	RFAP	3.9	38.72	–1.67	.6879
FT RiverFrDynDev	RFDI	4.1	39.96	–4.67	.3857
FT RiverFrDynEM	RFEM	5.5	44.04	–7.06	1.3439
FT RiverFrDynEur	RFEU	4.8	40.36	–6.19	.2916
FT S&PIntDivArist	FID	5.9	11.59	–1.98	.2712
FT SMID CapRising	SDVY	2.8	13.15	–2.36	.1281
FT SSI Strat	FCVT	2.1	25.39	–3.00	.04
FT SrLoanFd	FTSL	5.5	37.79	–5.72	.154
FT SC CoreAlpha	FYX	2.0	36.19	–7.51	.3025
FT SC GrwthAlpha	FYC	.6	28.35	–5.78	.1431
FT SC US Equity	RNSC	2.9	13.34	–2.30	.1451
FT SC Value	FYT	2.8	19.81	–3.78	.1693
FT SKoreaAlpha	FKO	3.0	12.82	–2.46	.2799
FT StratIncm	FDIV	5.2	38.21	–5.59	.17
FT SwitzAlpha	FSZ	2.9	37.37	–4.54	.0909
FT TCW Opp	FIXD	2.8	49.68	–1.52	.09
FT TacticalHY	HYLS	6.6	37.51	–7.07	.19
FT TotalUSMkt	TUSA	1.9	21.72	–4.50	.1226
FT USEquityDiv	RNDV	4.3	15.73	–3.00	.2814
FT UK Alpha	FKU	6.9	19.98	–6.81	.4909
FlexShCredScoreUS	SKOR	3.5	45.69	–5.18	.1109
FlexShDiscDurMBS	MBSD	3.3	23.60	–0.11	.0562
FlexShRealAsset	ASET	4.6	20.59	–3.16	.414
GlbXAuto&Elc	DRIV	1.9	9.82	–1.83	.112
GlbXCannabis	POTX	5.7	7.50	–0.17	.2149
GlbXCloudComp	CLOU	.0	13.20	–0.96	.0076
GlbXConsciousCos	KRMA	2.0	16.38	–2.80	.1898
GlbX Cybersec	BUG	.3	12.96	–0.28	.0404
GlbXDAXGermany	DAX	3.9	17.64	–2.67	.003
GlbXecomm	EBIZ	.3	13.41	–1.82	.034
GlbXFinTech	FINX	...	20.54	–5.55	...
GlbXFutAnalytic	AIQ	.7	13.88	–1.58	.0363
GlbXGen&Biotech	GNOM	...	11.36	–0.69	...
GlbX Health&Well	BFIT	.9	13.87	–1.71	.0479
GlbXInternetThings	SNSR	1.7	15.76	–2.57	.1843
GlbXLongevityThem	LNGR	.8	17.60	–2.01	.1435
GlbXMSCISuperDiv	EFAS	9.5	9.63	–1.70	.072
GlbXMillThematic	MILN	.6	17.60	–3.58	.0901
GlbXNasd100Cv	QYLD	12.9	18.23	–1.81	.2377
GlbX Robotics&AI	BOTZ	1.2	15.55	–1.70	.0307
GlbXS&P500Catholic	CATH	2.0	28.33	–4.81	.3244
GlbXSocialMedia	SOCL	...	26.45	–3.25	...
GlbXSuperDividAlt	ALTY	14.2	8.13	–2.38	.0981
GlbXSuperDivdREIT	SRET	19.4	6.18	–4.07	.1006
GlbX ThemGrwth	GXTG	.9	19.40	–3.29	.0845
GlbXVideoGames	HERO	.4	14.39	–1.33	.0278
GlbXYieldCo&Renew	YLCO	4.1	10.74	–1.76	.1101
HighlandSrLoan	SNLN	5.6	14.44	–1.41	.0683
IQChaikinUSLC	CLRG	3.4	17.06	–3.61	.1633
IQ Chaikin US SC	CSML	2.4	15.00	–3.46	.0657
InvscActMgdETC	PDBC	2.0	11.46	–1.05	.2319
InvscBldrSEM50ADR	ADRE	2.5	30.71	–4.65	.2559
InvscBull2020CpBd	BSCK	2.6	20.35	–0.83	.0393
InvscBull2028CpBd	BSCS	3.9	18.67	–2.62	.0505
InvscBull2025CpBd	BSCP	3.6	18.67	–2.08	.0497
InvsBull25HYCpBd	BSJP	7.0	19.49	–3.01	.1006
InvscBull2024CpBd	BSCO	3.5	18.36	–2.13	.0466
InvsBull24HYCpBd	BSJO	6.3	20.56	–2.91	.0925
InvsBull20HYCpBd	BSJK	4.1	22.37	–0.87	.0621
InvscBull2021CpBd	BSCL	2.9	19.63	–0.98	.0434
InvsBull21HYCpBd	BSJL	5.9	20.57	–2.39	.0872
InvscBull2027CpBd	BSCR	3.8	17.93	–2.39	.049
InvscBull2026CpBd	BSCQ	3.6	17.84	–2.19	.0471
InvsBull26HYCpBd	BSJQ	6.9	20.29	–3.43	.1019
InvscBull2023CpBd	BSCN	3.3	18.87	–1.61	.0458
InvsBull23HYCpBd	BSJN	6.6	21.05	–3.04	.1035
InvscBull2022CpBd	BSCM	3.1	19.30	–1.26	.0443
InvsBull22HYCpBd	BSJM	6.1	20.04	–2.74	.0877
InvscBS2028MuniBd	BSMS	2.0	23.08	–1.12	.037
InvscBS2025MuniBd	BSMP	1.5	23.33	–1.32	.0286
InvscBS2024MuniBd	BSMO	1.4	23.42	–1.49	.0267
InvscBS2024USDEM	BSDE	5.1	22.12	–2.61	.0811
InvscBull2029CpBd	BSCT	3.6	17.21	–2.36	.0421
InvscBS2029MuniBd	BSMT	2.1	22.80	–1.64	.0384
InvscBS2021MuniBd	BSML	1.1	24.48	–0.57	.0217
InvscBS2021USDEM	BSAE	4.0	24.43	–0.90	.0762
InvscBS27HYCpBd	BSJR	5.9	20.32	–3.17	.0921
InvscBS2027MuniBd	BSMR	1.9	23.08	–1.14	.0349
InvscBS2026MuniBd	BSMQ	1.9	23.27	–1.40	.0351
InvscBS2023MuniBd	BSMN	1.2	23.77	–1.21	.0232
InvscBS2023USDEM	BSCE	4.5	24.17	–1.40	.0828
InvscBS2022MuniBd	BSMM	1.3	24.12	–0.91	.025
InvscBS2022USDEM	BSBE	4.3	24.43	–1.07	.0835
InvscBuyBackAch	PKW	2.1	43.29	–8.88	.2516
InvscDWABasicMatl	PYZ	2.4	35.74	–6.40	.2744
InvscDWAConsCyc	PEZ	.0	30.70	–8.60	.0029
InvscDWACnsStpls	PSL	.7	50.55	–7.45	.1304
InvscDWADevMkt	PIZ	2.3	19.65	–3.46	.1385
InvscDWAEMMom	PIE	2.8	13.25	–2.04	.1466
InvscDWAEnerMom	PXI	7.6	10.35	–1.59	.28
InvscDWAFinMom	PFI	1.4	24.95	–6.61	.1067
InvscDWAHlthcrMom	PTH	...	75.44	–7.91	...
InvscDWAIndlsMom	PRN	.6	49.37	–8.56	.0542
InvscDWAMom	PDP	.3	47.21	–8.74	.0472
InvscDWASCMom	DWAS	.2	35.61	–6.64	.0629
InvscDWATechMom	PTF	...	58.72	–8.53	...
InvscDWAUtilMom	PUI	2.8	25.16	–4.69	.1742
InvscDivAchvrs	PFM	2.7	22.40	–3.42	.1743
InvscIntLowBeta	IDLB	5.2	20.14	–2.01	.3175
InvscFTSEUS1500SM	PRFZ	2.2	80.73	–16.07	.3714
InvscGlblWater	PIO	1.7	21.97	–3.95	.0614
InvscGoldenDragon	PGJ	.2	34.94	–3.11	.0188
InvscHYEquDivAch	PEY	6.3	11.78	–2.32	.0669
InvscIntlBuyBkAch	IPKW	4.0	20.61	–3.45	.1356
InvscIntlDivAch	PID	6.8	10.06	–2.28	.2087
InvscKBWBank	KBWB	4.4	31.30	–7.17	.3678
InvscKBWHiDvYdFn	KBWD	17.5	10.98	–4.24	.164
InvscKBWPrEquREIT	KBWY	13.0	15.17	–4.52	.1927
InvscKBWP&CIns	KBWP	3.0	47.56	–8.84	.3966
InvscKBWRegBkg	KBWR	4.3	30.82	–5.04	.4231
InvscNasdInt	PNQI	...	113.67	–11.08	...
Invsc1-30LadTrea	PLW	1.7	38.50	+0.45	.0535
InvscQQQI	QQQ	.9	170.70	–21.64	.4577
InvscRAFIStDvxUS	ISDX	3.7	16.71	–2.35	.1502
InvscRAFIStrDevSm	ISDS	2.4	15.91	–1.79	.1225
InvscRAFIStratEM	ISEM	3.4	18.08	–2.53	.0796
InvscRAFIStratUS	IUS	2.6	19.16	–3.06	.1318
InvscRAFIStrUSSm	IUSS	1.6	14.97	–2.66	.075
InvscR1000LoBeta	USLB	3.0	23.87	–4.72	.3064
InvscS&PSCCnsDisc	PSCD	1.8	32.22	–9.64	.2573
InvscS&PSCCnsStpl	PSCC	2.4	59.95	+0.39	.4491
InvscS&PSCEner	PSCE	.5	2.26	–0.30	.0091
InvscS&PSCFinls	PSCF	4.4	32.78	–7.75	.3466
InvscS&PSCHlthCr	PSCH	...	89.69	–13.61	...
InvscS&PSCIndls	PSCI	1.1	41.48	–8.03	.1117
InvscS&PSCInfTech	PSCT	.3	60.34	–9.11	.0283
InvscS&PSCMatls	PSCM	1.9	28.01	–3.49	.2403
InvscS&PSCUtil	PSCU	3.1	42.41	–3.14	.56
InvscVarRateInvt	VRIG	3.4	22.00	–1.76	.0532
InvscWaterRscs	PHO	.6	28.27	–4.95	.0452
iShAsia50ETF	AIA	2.9	51.09	–6.00	.4184
iSh3-7YTreasuryBd	IEI	1.9	131.95	+0.90	.1808
iShBrdUSDInvCpBd	USIG	3.9	50.07	–6.00	.1572
iShCommodSelStrat	COMT	3.5	21.83	–2.38	.8576
iShCoreMSCITotInt	IXUS	4.4	41.82	–5.24	.9775
iShCore1-5YUSDBd	ISTB	2.8	48.58	–1.20	.1086
iShCoreS&PUSGrowth	IUSG	1.9	50.70	–8.61	.2388
iShCoreS&PUSValue	IUSV	3.3	41.67	–7.81	.3732
iShCoreTotalUSDBd	IUSB	3.2	49.23	–2.22	.1289
iShCurrHdMSCIGrmny	HEWG	3.8	19.27	–1.91	.7257
iShSelectDividend	DVY	5.4	66.39	–13.75	.8915
iShESGMSCIEAFE	ESGD	3.8	46.88	–5.53	.598
iShESGMSCIEM	ESGE	2.9	25.41	–3.91	.6713
iShESGEMLdrs	LDEM	...	36.56	–3.38	...
iShESGMSCIUSA	ESGU	1.8	51.66	–8.91	.3056
iShESGIUSALdrs	SUSL	1.5	40.20	–7.10	.2495
iShESG1-5YCpBd	SUSB	3.0	22.85	–1.80	.0478
iShESGUSDCorpBd	SUSC	3.5	22.64	–3.02	.061
iShEurDevRealEst	IFEU	6.1	26.22	–5.40	.4199
iShExponentialTech	XT	2.1	31.13	–4.48	.3039

Nasdaq Issues

52-Week High	Low	Name	Tick Sym	Yld	P/E	Last	Chg.	Div Amt.
41.21	13.56	UroGenPharma	URGN	...	dd	13.68	–5.11	...
15.98	6.45	UrovantSci	UROV	...	dd	7.78	–2.74	...
112.26	75.33	UtahMedProducts	UTMD	1.5	20	77.05	–10.19	.28
3.80	1.84	UTStarcom	UTSI	...	...	2.17	–0.24	...
4.25	1.26	Uxin	UXIN	...	dd	1.27	–0.45	...

VW

52-Week High	Low	Name	Tick Sym	Yld	P/E	Last	Chg.	Div Amt.
3.28	1.25	VEON	VEON	26.7	4	1.34	–0.22	.15
5.42	1.82	VOXX Intl	VOXX	...	dd	1.83	–0.92	...
41.14	13.83	VSE	VSEC	2.4	4	14.85	–8.65	.09
12.14	6.00	ValleyNatlBncp	VLY	6.5	8	6.80	–0.99	.11
18.98	7.12	VandaPharm	VNDA	...	4	8.43	–1.81	...
35.00	16.67	VarexImaging	VREX	...	54	17.22	–2.63	...
93.24	48.95	VaronisSystems	VRNS	...	dd	52.77	–13.56	...
1.71	0.90	VascularBiogenics	VBLT	...	dd	1.10	–0.03	...
19.21	7.42	VeecoInstr	VECO	...	dd	7.81	–2.37	...
11.85	2.06	VenusConcept	VERO	...	dd	2.50	–1.40	...
13.45	3.24	VeraBradley	VRA	...	8	3.75	–1.37	...
31.18	13.90	Veracyte	VCYT	...	dd	18.39	–2.77	...
3.54	0.83	Verastem	VSTM	...	dd	1.87	–0.06	...
63.94	32.44	VerintSystems	VRNT	...	49	37.50	–4.72	...
221.78	151.59	VeriSign	VRSN	...	31	157.13	–25.49	...
171.73	123.54	VeriskAnalytics	VRSK	.9	46	124.25	–21.36	.27
29.41	10.02	Veritex	VBTX	5.9	7	11.47	–5.85	.17
9.98	1.22	Veritone	VERI	...	dd	2.00	+0.11	...
12.89	2.01	VeronaPharma	VRNA	...	dd	3.36	–0.73	...
18.67	6.79	VerricaPharm	VRCA	...	dd	8.67	–0.44	...
249.85	163.68	VertxPharm	VRTX	...	46	206.00	–14.86	...
53.68	13.12	ViacomCBS A	VIACA	5.9	3	16.33	–4.12	.24
53.71	10.10	ViacomCBS B	VIAC	8.0	2	11.97	–4.43	.24
97.31	25.71	ViaSat	VSAT	...	cc	28.22	–14.81	...
16.35	8.08	ViaviSolutions	VIAV	...	54	9.71	–1.51	...
57.86	26.50	Vicor	VICR	...	98	32.94	–5.91	...
24.83	10.18	VictoryCapital	VCTR	1.4	11	14.43	–0.36	.05
70.66	18.20	VielaBio	VIE	...	...	44.19	+5.11	...
9.76	1.11	ViewRay	VRAY	...	dd	1.87	+0.52	...
11.03	3.26	VikingTherap	VKTX	...	dd	4.32	+0.13	...
29.99	16.48	VillageSuper A	VLGEA	4.6	19	21.71	+2.96	.25
15.84	4.20	ViomiTech	VIOT	...	9	4.58	–0.62	...
34.93	5.20	ViperEnergyPtrs	VNOM	31.4	7	5.74	–2.83	.45
75.00	11.65	VirBiotech	VIR	...	...	39.76	–3.90	...
5.00	1.82	VircoMfg	VIRC	...	cc	2.34	–0.72	...
26.57	14.94	VirtuFinancial	VIRT	4.6	dd	21.01	–0.41	.24
141.79	66.99	VirtusInvtPtrs	VRTS	4.0	6	67.72	–17.15	.67
57.00	19.48	Virtusa	VRTU	...	28	27.31	–4.17	...
105.99	39.21	Visteon	VC	...	19	46.71	–9.78	...
4.75	0.80	Vivus	VVUS	...	dd	.99	–0.07	...
21.72	11.46	Vodafone	VOD	7.4	dd	12.68	–1.02	.4962
13.75	4.18	Vonage	VG	...	dd	5.19	–1.33	...
28.79	6.26	VoyagerTherap	VYGR	...	dd	6.90	–0.67	...
44.81	6.61	WAVE LifeSci	WVE	...	dd	11.88	+4.03	...
211.68	153.91	WD-40	WDFC	1.4	50	195.72	+13.95	.67
46.05	20.19	WSFS Financial	WSFS	2.3	7	20.66	–5.36	.12
17.81	13.50	WVS Financial	WVFC	2.9	8	13.65	–1.00	.10
47.19	9.75	WW Intl	WW	...	8	14.47	–4.82	...
12.99	0.21	Waitr	WTRH	...	dd	1.22	+0.91	...
64.50	40.52	WalgreensBoots	WBA	3.9	11	46.42	+0.23	.4575
6.24	1.36	WandaSports	WSG	...	...	1.61	–0.40	...
38.26	22.56	WashingtonFederal	WAFD	3.4	9	25.67	–0.26	.22
54.96	31.81	WashTrBcp	WASH	6.4	8	31.93	–6.14	.51
19.48	12.81	WaterstoneFinl	WSBF	3.7	9	12.96	–2.08	.50
28.99	11.95	Watford	WTRE	...	8	16.13	–3.03	...
18.29	9.52	WaysideTech	WSTG	5.7	8	11.99	–1.76	.17
72.78	29.50	Weibo	WB	...	15	33.39	–4.62	...
24.04	6.82	Wendy's	WEN	4.4	19	10.94	–5.86	.12
40.03	27.27	WernerEnterprises	WERN	1.1	13	32.21	+0.16	.09
42.33	19.86	WesBanco	WSBC	6.1	7	20.84	–3.23	.32
25.93	13.74	WestBancorp	WTBA	5.4	9	15.67	–1.29	.21
69.08	46.94	WestamericaBncp	WABC	3.1	18	52.13	–2.48	.41
72.00	27.40	WesternDigital	WDC	6.4	dd	31.05	–10.77	.50
10.15	4.45	WestNewEngBncp	WNEB	3.0	13	6.56	+0.08	.05
3.39	0.71	WestportFuelSys	WPRT	...	cc	.80	–0.60	...
34.44	15.40	WeycoGroup	WEYS	5.6	8	17.00	–3.73	.24
40.70	18.08	Willdan	WLDN	...	46	18.76	–5.84	...
74.46	16.92	WillisLease	WLFC	...	2	18.30	–10.60	...
220.97	145.93	WillisTowers	WLTW	1.8	19	152.63	–27.41	.68
107.43	44.27	Wingstop	WING	.8	82	56.48	–11.60	.11
215.00	124.52	Winmark	WINA	.8	16	129.15	–35.21	.25
78.25	22.02	WintrustFin	WTFC	3.7	5	30.62	–9.05	.28
8.00	1.87	WisdomTreeInvs	WETF	4.8	dd	2.49	–0.84	.03
22.27	4.57	WISeKey	WKEY	...	dd	4.57	–0.87	...
156.40	76.81	Wix.com	WIX	...	dd	97.22	–15.28	...
129.06	51.40	Woodward	WWD	2.1	13	53.18	–25.20	.28
226.83	107.75	Workday	WDAY	...	dd	125.00	–12.76	...
175.78	52.42	WorldAcceptance	WRLD	...	12	55.40	–7.21	...
32.83	19.04	WrightMedical	WMGI	...	dd	26.88	–2.34	...
153.41	35.84	WynnResorts	WYNN	7.7	45	51.97	–20.55	1.00

XYZ

52-Week High	Low	Name	Tick Sym	Yld	P/E	Last	Chg.	Div Amt.
28.85	11.58	XOMA	XOMA	...	dd	15.46	–3.38	...
43.52	15.50	XP	XP	...	47	17.94	–4.45	...
26.40	6.76	XBiotech	XBIT	...	1	9.44	–0.80	...
3.50	0.43	XcelBrands	XELB	...	6	.50	–0.20	...
72.14	50.03	XcelEnergy	XEL	3.4	19	50.63	–16.21	.43
46.33	19.35	Xencor	XNCR	...	63	27.79	+1.32	...
18.45	7.00	XenonPharms	XENE	...	dd	10.06	–1.47	...
12.98	1.42	XerisPharm	XERS	...	dd	1.61	–0.69	...
141.60	67.68	Xilinx	XLNX	2.1	21	71.86	–4.68	.37
25.84	9.01	Xperi	XPER	7.1	dd	11.34	–2.19	.20
7.20	1.87	Xunlei	XNET	...	dd	2.69	–0.19	...
36.29	14.16	Y-mAbsTherap	YMAB	...	dd	19.37	–1.62	...
8.67	1.35	YRC Worldwide	YRCW	...	dd	1.86	+0.12	...
48.95	27.93	Yandex	YNDX	...	51	29.91	–4.03	...
6.87	3.66	YintechInvt	YIN	...	dd	5.89	+0.54	...
49.85	32.29	YorkWater	YORW	2.0	33	36.93	–3.48	.1802
18.20	2.75	Yunji	YJ	...	...	3.19	–0.33	...
9.58	2.06	ZAGG	ZAGG	...	6	2.57	–0.35	...
7.25	1.80	Ziopharm	ZIOP	...	dd	2.50	+0.24	...
3.02	0.62	Zafgen	ZFGN	...	dd	.74	–0.10	...
63.95	23.42	ZaiLab	ZLAB	...	dd	48.05	–3.63	...
44.60	17.02	ZealandPharma	ZEAL	...	dd	28.50	+4.64	...
260.40	150.06	ZebraTech	ZBRA	...	18	179.38	–4.64	...
66.96	18.65	Zillow A	ZG	...	dd	26.49	–9.83	...
66.68	20.04	Zillow C	Z	...	dd	27.19	–9.15	...
52.48	25.27	ZionsBancorp	ZION	5.3	6	25.58	–3.84	.34
19.98	0.30	ZionsBancorpWt	ZIONW	...	...	.30	–0.60	...
11.15	2.84	Zix	ZIXI	...	dd	3.55	–1.18	...
57.22	16.65	Zogenix	ZGNX	...	dd	19.69	–2.32	...
135.98	59.94	ZoomVideo	ZM	...	cc	130.55	+23.08	...
7.09	1.08	Zovio	ZVO	...	dd	1.25	–0.15	...
89.54	35.00	Zscaler	ZS	...	dd	53.64	+11.75	...
35.68	13.13	Zumiez	ZUMZ	...	7	17.90	–1.26	...
16.47	2.55	ZynerbaPharma	ZYNE	...	dd	3.25	–0.07	...
7.42	5.16	Zynga	ZNGA	...	cc	5.94	–0.61	...

Exchange-Traded Portfolios

Name	Tick Sym	Yld	Last	Chg.	Div Amt.
LeggMasonLVHD	LVHD	5.0	22.92	–5.01	.011
LeggMasonSCQualVal	SQLV	2.2	16.15	–2.27	.083
LoncarCancerETF	CNCR	...	17.71	+0.13	...
LoncarChinaBio	CHNA	.2	21.28	–1.22	.0402
LongTermCareETF	OLD	3.8	17.06	–3.87	.1411
Merlyn.AITactGrw	SNUG	1.4	20.02	–2.33	.0681
NasdaqNexEcon	BLCN	2.0	19.01	–2.05	.0771
Nasdaq7HANDL	HNDL	5.1	19.82	–1.67	.138
PacerCashCows	HERD	3.3	17.63	–1.37	.1371
PacerEMCashCows	ECOW	17.0	16.09	–1.16	1.4368
PrincipalContVal	PVAL	2.6	16.88	–3.66	.14
PrincipalHlthInnov	BTEC	...	27.55	–2.95	...
PrincIntlMulti	PDEV	2.9	18.01	–5.84	.1257
PrincplMillennials	GENY	1.1	27.58	–4.33	.2345
PrincipalPriceSet	PSET	1.9	29.98	–4.52	.1222
PrincipalShrhldrYd	PY	3.8	20.37	–4.45	.2033
PrincipalSustMom	PMOM	2.1	21.72	–3.11	.13
PrincUSLCMulti	PLC	2.1	18.95	–3.86	.112
PrincipalUSMega	USMC	2.7	23.45	–3.66	.1591
PrincipalUSSCMulti	PSC	2.3	19.23	–5.10	.1499
PrincUSS-MCMulti	PSM	2.5	16.97	–5.01	.1275
ProcureSpace	UFO	1.1	14.84	–3.36	.0674
ProShEquRising	EQRR	4.3	20.99	–4.89	.2646
ProShUltNdBio	BIB	...	38.50	–6.00	...
ProShUltNasdBio	UBIO	...	15.11	–3.49	...
ProShUltPrQQQ	TQQQ	.1	35.51	–21.33	.0313
ProShUltNasdBio	ZBIO	.4	12.57	+0.73	.002
ProShUltShtQQQ	SQQQ	2.2	29.32	+6.20	.1847
ProShUltShNdBtech	BIS	1.6	17.53	+1.10	.0812
SPDRDorseyWrightFx	DWFI	4.1	20.30	–1.95	.065
SoFiGigEcon	GIGE	...	13.94	–1.68	...
TigerChinaUS	TTTN	...	24.55	–2.34	...
ValideaMktLeg	VALX	...	14.31	–3.02	...
VanEckBiotech	BBH	.4	116.95	–8.54	.4724
VanEckFallAnglHYBd	ANGL	6.9	22.36	–4.31	.1123
VanEckGaming	BJK	5.4	22.90	–5.05	1.2308
VanEckPharm	PPH	2.3	49.08	–6.48	.1729
VanEckRetail	RTH	1.1	97.23	–9.38	1.0901
VanEckSemiconduc	SMH	...	101.06	–18.08	...
VanEckVideoGam	ESPO	.2	33.83	–2.93	.0834
VangdEM GovBd	VWOB	5.8	65.06	–6.86	.2875
VangdGlblxUS RE	VNQI	12.0	37.23	–8.78	3.6471
VangdIntrCorpBd	VCIT	3.9	78.83	–10.03	.2101
VangdIntermTrmTrea	VGIT	2.1	69.71	+0.58	.1079
VangdIntlDivApp	VIGI	2.5	52.40	–7.14	.5945
VangdIntlHiDiv	VYMI	6.5	40.97	–6.23	.561
VangdLTCorpBd	VCLT	4.8	80.13	–16.07	.2861
VangdLong-TermTrea	VGLT	2.1	97.05	+2.25	.1455
VangdMBS	VMBS	2.7	52.26	+0.32	.1004
VangdRuss1000	VONE	2.3	104.32	–19.35	.6667
VangdRuss1000Grw	VONG	1.4	137.64	–23.06	.4908
VangdRuss1000Val	VONV	3.5	78.19	–15.65	.7748
VangdRuss3000	VTHR	2.4	103.00	–15.74	.6604
VangdRuss2000	VTWO	2.2	81.43	–15.22	.668
VangdRuss2000Grw	VTWG	1.1	100.25	–17.05	.3582
VangdRuss2000Val	VTWV	3.2	64.33	–13.19	.7467
VangdSTCpBd	VCSH	3.2	72.97	–5.61	.1623
VangdShtTmInfltn	VTIP	2.0	48.21	...	.3514
VangdShortTermTrea	VGSH	2.2	62.22	+0.26	.0972
VangdTotalBd	BND	2.7	82.17	–1.55	.1727
VangdTotalCpBd	VTC	3.9	75.00	–10.11	.2138
VangdTotIntlBd	BNDX	3.5	55.31	–1.39	.044
VangdTotIntlStk	VXUS	4.5	37.62	–5.23	.6281
VangdTotWorldBd	BNDW	3.1	76.88	–1.64	.1107
Velocity3xLgSilver	USLV	...	26.04	–18.91	...
VS2xVIXShortTerm	TVIX	...	607.56	+272.16	...
VSInvVIXMedTerm	ZIV	...	30.58	–13.14	...
VSVIXShortTerm	VIIX	...	129.78	+38.31	...
VicShDevEnhVol	CIZ	3.9	22.55	–3.05	.0276
VicShDivAccel	VSDA	1.8	26.09	–4.17	.0492
VicShEMHiDivVol	CEY	6.8	15.89	–2.20	.0015
VicShEMVolWtd	CEZ	3.4	17.68	–2.80	.0169
VicShIntlHiDivVol	CID	7.7	20.28	–3.27	.0824
VicShIntlVolWtd	CIL	3.8	26.90	–3.53	.0279
VicShUSDiscEnhVol	CSF	1.9	31.54	–1.16	.0613
VicShUSEQIncmEnh	CDC	3.8	40.49	–1.33	.1921
VicShUS500EnhVol	CFO	1.6	45.54	–1.64	.0862
VicShUS500Vol	CFA	2.1	37.46	–7.47	.0922
VicShUSLCHiDivVol	CDL	5.0	31.57	–5.60	.1643
VicShUSMultMin	VSMV	2.8	24.17	–3.94	.0537
VicShUSSCHiDiv	CSB	5.2	28.02	–4.07	.1889
VicShUSSCVolWtd	CSA	2.2	29.29	–4.92	.0833
VS3XInvrsGold	DGLD	...	28.57	+1.35	...
VS 3X INV SILVER	DSLV	...	37.70	+11.66	...
VS 3X GOLD	UGLD	...	126.81	–8.68	...
WahedFTSEUSAShar	HLAL	1.8	19.45	–3.03	.08
WstAstShrtDur	WINC	4.8	21.42	–2.94	.076
WstAstTR	WBND	3.6	23.46	–2.14	.0567
WisdTrChinaxSOE	CXSE	1.1	70.77	–7.96	.024
WisdTrEMConGrwth	EMCG	3.9	16.56	–2.60	.0974
WisdTrEM CpBd	EMCB	5.0	61.16	–7.19	.245
WisdTrEMQualDivGrw	DGRE	3.4	17.88	–3.01	.1093
WisdTrGermanyHdg	DXGE	4.0	20.04	–2.34	.81
WisdTrIntRtHYBd	HYZD	7.3	17.41	–1.81	.107
WisdTrIntUSAgg	AGZD	3.1	44.00	–2.07	.105
WisdTrJapanHdgSC	DXJS	2.9	32.00	+1.58	.4773
WisdTrMEDiv	GULF	4.6	14.68	+0.04	.0256
WisdTrNegHYBd	HYND	7.5	14.09	–1.61	.08
WisdTrNegDurUS	AGND	3.1	37.31	–1.18	.085
WisdTrUSQltyDiv	DGRW	3.0	34.75	–5.84	.085
WisdTrUSSCQltyDiv	DGRS	4.2	22.46	–4.53	.04

NYSE

Name	Tick Sym	Yld	Last	Chg.	Div Amt.
BarclyiPathBCarbon	GRN	...	32.17	–11.56	...
GuggCreditAlloc	GGM	15.7	13.82	–2.21	.1813
NETLeaseCpRlEst	NETL	4.0	16.10	–6.35	.0098
NuvShrtDurCrOppFd	JSD	11.8	9.32	–2.59	.0915

NYSE ARCA

Name	Tick Sym	Yld	Last	Chg.	Div Amt.
AAM LowDurPfd	PFLD	8.7	18.93	–3.46	.125
AAMS&PDevMk	DMDV	10.8	15.62	–1.90	.11
AAMS&PEMHiDivVal	EEMD	9.9	14.28	–2.31	.10
AAMS&P500HiDivV	SPDV	6.3	16.29	–3.21	.0893
AIPoweredEquity	AIEQ	.7	20.16	–3.09	.06
AIPwrdIntlEqu	AIIQ	...	17.68	–2.14	...
ALPSEmgDivDogs	EDOG	7.7	13.89	–2.33	.0983
ALPS EqSecWgh	EQL	2.9	54.56	–10.34	.636
ALPSIntlDivDogs	IDOG	8.2	17.23	–2.57	.2384
ALPSMedBreak	SBIO	.1	28.91	–2.59	.0159
ALPSREITDivDogs	RDOG	6.9	26.77	–9.48	.6844
ALPSSectorDivDogs	SDOG	5.6	27.94	–6.29	.4614
ARKInnovationETF	ARKK	.0	37.85	–5.05	.1906
ARK NextGen	ARKW	...	45.96	–6.27	...
AberdStdBlAllCm	BCD	2.0	18.97	–1.31	.3805
AberdStdBlACStr	BCI	1.9	17.73	–0.99	.3344
AberdStdPhysGold	SGOL	...	14.34	–0.33	...
AberdStdPhysPall	PALL	...	151.56	–12.60	...
AberdStdPhysPlat	PPLT	...	57.57	–14.12	...
AberdStdPhyPrMt	GLTR	...	66.09	–4.93	...
AberdStdPhySilv	SIVR	...	12.10	–2.08	...
AbsoluteCrStrat	ABEQ	...	18.66	–2.20	...
AcquirersFund	ZIG	...	17.75	–3.43	...
AdvShCornerSC	SCAP	.2	22.66	–3.58	.0493
AdvShDorseyADR	AADR	.9	35.29	–5.61	.0085
AdvShDbLineVal	DBLV	...	50.74	–7.10	...
AdvShFocusedEqu	CWS	.5	27.33	–3.27	.1464
AdvShFolioBey	FWDB	4.2	24.96	–0.65	.0435
AdvShNewfleet	MINC	3.1	44.31	–3.27	.0993
AdvShPureCannab	YOLO	14.3	6.55	–0.40	.0742
AdvShRangerEqBear	HDGE	.2	7.42	+0.71	.0116
AdvShStrGlbBW	VEGA	.6	26.75	–1.96	.151
AdvShSageCore	HOLD	2.4	95.43	–2.63	.1618
AGFiQ DynHdgUS	USHG	1.4	21.78	–3.34	.0742
AGFiQ GlbInfr	GLIF	5.2	18.86	–2.74	.2885
AGFiQHdgDivIncm	DIVA	4.4	19.23	–1.58	.2858
AGFiQ US NeutAB	BTAL	.8	25.65	–0.35	.1958
AGFiQ US NeutrMom	MOM	...	28.12	–0.10	...
AGFiQ US NeutrVal	CHEP	2.7	16.64	–0.35	.4434
AlerianEnergyInfr	ENFR	13.0	9.53	–2.11	.2876
AlerianMLPETF	AMLP	21.6	3.56	–0.65	.19
AmCentDivrsCpBd	KORP	3.4	45.78	–4.22	.1124
AmCentDivrsMuni	TAXF	2.7	48.15	–3.65	.0891
AmCentQulDivIn	QINT	2.6	29.21	–3.56	.2091
AmCentStoxxUSQ	QGRO	.5	32.72	–5.21	.0599
AmCentSTOXXUSQual	VALQ	3.6	28.11	–5.41	.2479
AmpAdvBattery	BATT	...	6.13	–1.40	...
AmplifyBlackSwan	SWAN	1.4	27.63	–1.46	.7519
AmpCWPEnhDiv	DIVO	7.4	22.37	–3.81	.1371
AmpCrowdBureau	LEND	9.3	10.58	–2.03	.9809
AmpEASITactGrw	EASI	.9	18.79	–0.48	.1005
AmplifyHiIncm	YYY	14.2	11.00	–2.95	.13
AmplifyOnlRetail	XBUY	.3	19.44	–1.61	.0602
AmpSeymCannabis	CNBS	1.0	7.47	–0.33	.0771
AmplifyTransData	BLOK	...	13.62	–1.38	...
ArkFinInnov	ARKF	.0	17.95	–3.15	.3008
ArmorUSEquity	ARMR	...	14.50	–2.11	...
ArrowDogs	DOGS	.8	28.49	–5.40	.1509
ArrowDJGlobalYd	GYLD	14.9	9.00	–2.21	.0867
ArrowQVMEquityFact	QVM	5.7	16.02	–4.76	.0851
AvantisEM	AVEM	1.0	36.66	–6.49	.1895
AvantisIntlEquity	AVDE	.9	34.81	–5.09	.1575
AvantisIntlSCValue	AVDV	1.3	32.31	–5.42	.2024
AvantisUSEquityETF	AVUS	2.1	36.52	–6.70	.191
AvantisUSSCValue	AVUV	3.0	27.95	–6.17	.2068
AwareUltShDur	AWTM	2.9	47.10	–2.18	.092
BarclyiPathBCrude	OIL	...	4.86	–1.96	...
BarclaysETN FI Enh	FLEU	...	62.24	–15.54	...
BarclaysFIEnhEur50	FFEU	...	42.76	–9.75	...
BarclaysETN HY	FIYY	...	51.43	–20.10	...
Barrons400ETF	BFOR	1.1	27.56	–4.47	.295
BlkRkUSEqRotat	DYNF	2.3	19.89	–3.84	.0693
BlueStarIsrael	ITEQ	.0	31.38	–3.54	.01
BrandValueETF	BVAL	1.8	11.92	–2.16	.2089
BreakwDryBulk	BDRY	...	5.82	–1.02	...
CP HY Trend	HYTR	4.6	23.31	+0.13	.0836
CTracksETN2026	MLPE	20.6	7.82	–1.29	.4073
CTrksETNsMillerHwd	MLPC	19.3	5.50	–0.84	.2656
CannabisETF	THCX	6.2	6.71	–0.18	.4176
ChgFinUSLCFoss	CHGX	1.2	16.71	–2.54	.2009
Velocity4xAUDUSD	UAUD	...	7.42	–2.29	...
Velocity4XCHFUSD	UCHF	...	18.39	–2.86	...
Velocity4XEURUSD	UEUR	...	12.75	–2.25	...
Velocity4XGBPUSD	UGBP	...	11.21	–3.41	...
Velocity4XJPYUSD	UJPY	...	20.53	–2.46	...
Velocity4xUSDAUD	DAUD	...	64.75	+14.24	...
Velocity4XUSDCHF	DCHF	...	28.99	+3.57	...
Velocity4XUSDEUR	DEUR	...	42.42	+6.03	...
Velocity4XUSDGBP	DGBP	...	42.10	+8.93	...
Velocity4XUSDJPY	DJPY	...	25.54	+2.31	...
CitigrCTracksETN	DIVC	...	19.67	–4.27	...
ClaymoreIdxLnk	GCE	19.2	8.12	–3.48	.3606
ClearSharesOCIO	OCIO	...	22.22	–1.22	...
ClearUltShMat	OPER	2.8	100.12	–0.02	.12
ColumbiaDivFixed	DIAL	3.8	17.35	–2.78	.0633
ColumbiaEMCoreXCh	XCEM	3.3	18.02	–2.21	.5874
ColumbiaEMConsumer	ECON	...	18.33	–1.59	...
ColumbiaIndiaCnsmr	INCO	.4	28.96	–5.46	.12
ColumbiaMultMun	MUST	2.7	20.14	–1.19	.0439
ColumbiaResEnhCore	RECS	.7	15.21	–2.67	.106
ColumbiaResEnhVal	REVS	1.0	13.93	–2.67	.1449
ColumbiaSustGlb	ESGW	.0	22.25	+0.36	.2277
ColumbiaSustIntl	ESGN	5.1	17.24	–1.70	.2291
ColumbiaSustUSEqu	ESGS	4.0	18.79	–3.42	.1892
CommSvsSPDR	XLC	1.1	40.22	–5.97	.1171
CnsmrDiscSelSector	XLY	1.8	87.81	–14.49	.4098
CnsStapleSelSector	XLP	3.2	50.40	–6.21	.5128
CoreAlternative	CCOR	.8	26.51	–2.01	.0378
CSFIEnhEur50ETN	FEUL	...	41.50	–11.83	...
CS FI LC Grwth	FLGE	...	183.95	–59.83	...
CS S&P MLP	MLPO	21.2	4.40	–1.78	.2337
CSX Mthly2xLvMtg	REML	111.6	4.21	–7.50	.0917
CSX MultiAsstHi	MLTI	8.6	19.81	–5.07	.0759
DBCrudeOilDbSht	DTO	...	143.61	+31.60	...
DBGoldDoubleLg	DGP	...	28.72	–1.04	...
DBGoldDoubleShrt	DZZ	...	4.39	+0.04	...
DBGoldShortETN	DGZ	...	12.64	–0.56	...
DayHaganNedRes	SSUS	...	19.58	–1.42	...
DeepValueETF	DVP	10.6	17.17	–3.60	.7348
DefianceNextGen	FIVG	1.3	19.47	–2.31	.0616
DefianceNextFd	DIET	1.0	18.59	–2.11	.0485
DefianceQuantum	QTUM	.9	20.60	–3.25	.0399
DeltaShS&P500Mgd	DMRL	1.8	53.90	–1.14	.2095
DeltaShS&P400Mgd	DMRM	1.5	45.04	–0.92	.2102
DeltaShS&PIntMgd	DMRI	3.7	41.25	–0.80	.2797
DeltaShS&P600Mgd	DMRS	1.5	45.29	–1.46	.2287
DirexAllCapIns	KNOW	4.0	24.56	–4.78	.3189
DirexAuspiceBroad	COM	1.2	21.20	–0.35	.0685
DirexAeroBl3	DFEN	4.4	6.63	–10.26	.023
DirexBrazilBull3X	BRZU	25.7	1.43	–4.05	.1966
DirexCSIChinaInt	CWEB	.9	19.07	–3.91	.0959
DirexCSI300CnA	CHAD	3.1	31.56	+3.73	.4634
DirexCSI300CnABl2	CHAU	.9	16.13	–5.83	.053
DirexCommSvsBr3	MUTE	1.1	21.62	+5.77	.0299
DirexCommSvsBl3	TAWK	.5	14.13	–8.66	.0337
DirexCnsDiscBr3	PASS	1.3	29.05	+8.05	.0193
DirexCnsDiscBl3	WANT	2.3	9.82	–6.41	.0491
DirexCnsStplBr3X	LACK	2.0	22.44	+5.02	.0226
DirexCnsStplBl3X	NEED	3.2	15.02	–7.26	.6556
DirexDevMktBear3	DPK	1.0	24.23	+5.83	.0298
DirexDevMktBl3	DZK	5.5	18.90	–9.55	.383
DirexDJBear3X	WEBS	.4	28.45	+1.56	.0254
DirexDJBull3X	WEBL	.6	12.75	–3.84	.0176
DirexEM Bear3	EDZ	.8	69.31	+16.01	.0825
DirexEM Bull3	EDC	3.6	24.17	–16.78	.0429
DirexEnergyBr3	ERY	.2	238.45	+72.30	.1296
DirexEnergyBl3	ERX	26.3	.74	–0.97	.7119
DirexEuroFinBll2	EUFL	10.5	8.85	–4.42	.0098
DirexChinaBr3	YANG	.9	63.52	+10.37	.0955
DirexChinaBl3	YINN	3.3	9.31	–3.74	.1221
DirexFTSEEurBull3x	EURL	5.6	7.13	–4.96	.0857
DirexFinlBear3	FAZ	...	64.27	+24.24	...
DirexFinlBull3	FAS	3.3	17.87	–22.87	.1513
DirexGoldMinBr3	DUST	2.4	5.80	–8.21	.0315
DirexGoldMinBl3	NUGT	4.1	5.35	–1.41	.1419
DirexHlthcrBull3	CURE	1.0	29.19	–18.17	...
DirexHmbldrBull3	NAIL	1.5	7.62	–18.46	.0197
DirexIndlsBl3	DUSL	5.2	7.10	–6.88	.0753
DirexJapanBl3	JPNL	2.0	25.27	–2.73	.0083
DirexJrGoldMinBr3	JDST	4.5	6.90	–27.10	.027
DirexJrGoldMinBl3	JNUG	...	3.32	–1.15	...
DirexLatinAmBl3	LBJ	8.4	1.52	–2.85	.43
DirexIndiaBull3	INDL	3.5	13.39	–16.11	.0145
DirexMexicoBl3	MEXX	8.1	1.88	–2.62	.4788
DirexMcBear3	MIDZ	.6	116.41	+40.09	.084
DirexMcBull3	MIDU	4.1	8.49	–9.52	.1813
DirexNatGasBr3	GASX	.2	159.83	–74.52	.0036
DirexNatGasBl3	GASL	70.6	.09	–0.08	4.79
DirexPharmBl3X	PILL	1.3	7.59	–3.89	.0003
DirexRealEstBr3	DRV	.8	58.01	+25.58	.0327
DirexRealEstBl3	DRN	6.0	6.01	–10.51	.1484
DirexRgBanksBear3X	WDRW	.7	64.56	+19.39	.014
DirexRgBanksBull3X	DPST	13.7	4.93	–5.46	.1473
DirexRetailBull3	RETL	5.3	4.91	–3.84	.0055
DirexRobAI3X	UBOT	2.0	3.61	–1.59	.0146
DirexRussiaBr3	RUSS	1.1	13.05	+0.07	.0185
DirexRussiaBl3	RUSL	12.0	7.72	–8.26	.0617
DirexS&P500Br3	SPXS	.9	25.32	+7.58	.0368
DirexS&P500Bl3	SPXL	2.9	19.12	–14.92	.2623
DirexS&P500Bull2X	SPUU	3.1	31.52	–13.03	.4848
DirexS&PBiotechBr3	LABD	1.0	21.17	+1.71	.0139
DirexS&PBiotechBl3	LABU	1.0	16.58	–7.69	.0053
DirexS&P500Br1	SPDN	1.4	32.30	+4.20	.1114
DirexHiBetaBear3X	HIBS	.2	59.70	+13.70	.0265
DirexHiBetaBull3X	HIBL	4.9	4.79	–2.51	.0588
DirexS&POil&GasBr3	DRIP	.1	328.89	–97.58	.0027
DirexS&POil&GasBl3	GUSH	30.4	.43	–0.35	5.12
DirexSemiBear3	SOXS	1.5	32.11	+7.01	.0639
DirexSemiBl3	SOXL	1.6	63.95	–65.97	.2876
Direx7-10TreaBr3	TYO	2.0	8.65	–0.41	.0143
Direx7-10TreaBull	TYD	.7	62.80	+1.46	.1039
DirexScBear3	TZA	.6	96.34	+21.76	.3259

Exchange-Traded Portfolios

Name	Tick Sym	Yld	Last	Chg.	Div Amt.
iShS&PTotlUSStkMkt	ITOT	2.5	50.94	–9.46	.3218
iShCore10+YUSDBd	ILTB	3.7	63.85	–5.74	.1915
iShCoreUSAggBd	AGG	2.7	110.03	–1.83	.239
iShCoreUS REIT	USRT	5.4	33.75	–11.85	.5387
iShCurrHdgNikk400	HJPX	2.4	23.53	+0.36	.3679
iShCurrHdgMSCIUS	HAWX	4.4	20.79	–1.76	.4535
iShCurrHdgMSCIAus	HAUD	5.6	19.68	–2.09	.5611
iShCurrHdgMSCICda	HEWC	2.7	19.30	–2.50	.2321
iShCurrHdgMSCIEAFE	HSCZ	5.1	21.06	–2.00	.4522
iShCurrHdMSCIEurozn	HEZU	4.1	21.52	–1.76	.7588
iShCurrHdgMSCIItaly	HEWI	6.1	12.46	–0.53	.1934
iShCurrHdgMSCIJapan	HEWJ	3.5	25.85	+0.30	.3945
iShCurrHdgMSCIMex	HEWW	4.6	13.08	–1.12	.2206
iShCurrHdgMSCISK	HEWY	3.1	15.20	–2.94	.0163
iShCurrHdgMSCISpain	HEWP	5.9	15.05	–1.13	.3186
iShCurrHdgMSCISwitz	HEWL	2.4	24.56	–1.31	.5962
iShCurrHdgMSCIUK	HEWU	6.1	16.97	–1.59	.4212
iShCybersecurity	IHAK	.4	21.55	–1.21	.1234
iShUSBasicMaterial	IYM	3.3	62.24	–9.36	.6236
iShUSConsumerSvcs	IYC	1.3	159.26	–26.89	.6192
iShUSConsumerGoods	IYK	3.1	96.44	–16.96	.6999
iShUSFinlServices	IYG	2.6	93.18	–21.54	.6596
iShUSHealthcare	IYH	1.5	166.50	–24.87	.6426
iShUSRealEstate	IYR	4.7	60.92	–20.23	.8862
iShUSUtilities	IDU	3.7	119.15	–24.32	1.1326
iShUS Energy	IYE	8.1	13.60	–3.27	.2767
iShUS Finls	IYF	2.6	87.40	–21.49	.5358
iShUSHealthcarePrv	IHF	.8	141.50	–34.75	.4153
iShUSInsurance	IAK	3.0	43.05	–10.08	.3537
iShUSOilEquip&Svcs	IEZ	7.9	5.85	–1.11	.1241
iShUSPharmaceuticl	IHE	1.8	121.91	–14.45	.6295
iShUSRegionalBanks	IAT	4.6	27.60	–5.26	.3534
iShUSMedDevices	IHI	.4	196.50	–29.84	.3994
iShESGUSAggBd	EAGG	2.7	53.08	–1.37	.1027
iShEdgeMSCIIntlMom	IMTM	2.9	23.12	–2.81	.2048
iShEdgeMSCIIntQual	IQLT	3.3	22.55	–2.98	.2665
iShEdgeMSCIIntSize	ISZE	3.4	18.58	–2.23	.4598
iShEdgeMSCIIntVal	IVLU	5.5	15.62	–1.76	.3664
iShEdgeMSCIMnVlEur	EUMV	4.3	19.59	–1.89	.2154
iShEdgeMSCIMinJapn	JPMV	5.4	53.99	+0.84	.5574
iShEdgeMSCIMultif	ACWF	3.5	21.38	–3.51	.3271
iShEdgeMSCIMultInt	INTF	5.6	17.79	–2.80	.5513
iShEdgeMSCIIntSC	ISCF	4.6	19.91	–3.31	.5096
iShEdgeMSCIMultUSA	LRGF	2.6	23.62	–4.60	.1789
iShMultiUSA MC	MIDF	2.8	18.22	–2.59	.14
iShEdgeMSCIUSASC	SMLF	2.3	26.20	–5.61	.1153
iShEdgeMSCIUSASize	SIZE	2.1	63.30	–12.98	.0184
iShEM Dividend	DVYE	9.2	26.48	–4.53	.4577
iShEuropeETF	IEV	4.7	30.45	–4.52	.3056
iShExpTech	IGM	.6	189.81	–26.24	.3196
iShFocusedValue	FOVL	5.2	27.56	–6.33	.4192
iShGenomicsImm	IDNA	...	23.87	–0.81	...
iShGlblComm	IXP	2.8	47.34	–5.20	.447
iShGlobal100	IOO	2.7	39.63	–5.64	.6513
iShGlobalREITETF	REET	8.9	16.38	–5.83	.2583
iShGoldTr	IAU	...	14.23	–0.32	...
iShiBoxx$InvGrCpBd	LQD	3.9	106.74	–16.31	.3493
iShiBdsDec2020Cp	IBDL	2.7	24.04	–1.12	.0496
iShiBdsDec2028Cp	IBDT	3.6	23.76	–3.33	.0715
iShiBondsDec2025Cp	IBDQ	3.6	22.68	–2.37	.0617
iShiBondsDec2024Cp	IBDP	3.5	22.25	–2.48	.0606
iShiBdsDec2029Cp	IBDU	3.4	21.86	–3.04	.0603
iShiBdsDec2021Cp	IBDM	2.9	23.21	–1.35	.0541
iShiBdsDec2021Muni	IBMJ	1.5	24.98	–0.71	.0321
iShiBdsDec2027Cp	IBDS	3.8	22.37	–2.93	.0677
iShiBdsDec2026Cp	IBDR	3.7	22.21	–2.64	.0631
iShiBondsDec2023Cp	IBDO	3.3	22.69	–2.06	.0595
iShiBondsDec2022Cp	IBDN	3.1	22.96	–1.69	.0566
iShiBdsDec2022Muni	IBMK	1.6	25.10	–0.85	.0327
iShiBdsMar20CpxFin	IBCD	.0	24.40	–0.12	.0352
iShiBdsMar23CpxFin	IBCE	2.9	22.60	–1.49	.0526
iShiBdsMar2020Cp	IBDC	.0	25.92	–0.02	.0398
iShiBdsMar2023Cp	IBDD	3.1	24.27	–1.78	.0614
iShiBdsSep2020Muni	IBMI	1.3	25.69	+0.22	.0286
iShiBoxx$HYCpBd	HYG	6.3	69.75	–10.30	.38
iShIntRtHdgCorpBd	LQDH	3.9	72.20	–11.43	.1972
iShIntRateHdgEM	EMBH	5.3	18.41	–2.13	.0616
iShIntRtHdgHiYdBd	HYGH	6.0	69.05	–10.81	.336
iShIntRtLTCpBd	IGBH	4.9	16.75	–3.91	.056
iShJPM EM LC Bd	LEMB	...	35.94	–3.05	...
iShJPX-Nikkei400	JPXN	2.5	48.68	–0.78	.7807
iShLatinAmerica40	ILF	6.2	16.85	–5.11	.5705
iShLtCorpBd	IGLB	4.7	52.92	–10.43	.2068
iShACWILowCarbon	CRBN	3.1	91.00	–14.11	1.5289
iShMSCIAustralia	EWA	6.7	13.38	–3.88	.4562
iShMSCIAustria	EWO	5.6	11.58	–2.18	.1161
iShMSCIBRICETF	BKF	2.3	33.12	–4.56	.2394
iShMSCIBelgium	EWK	4.2	13.03	–1.39	.3476
iShMSCIBrazil	EWZ	5.4	22.33	–6.77	.0973
iShMSCICanadaETF	EWC	3.4	18.76	–3.74	.3939
iShMSCIChinaSC	ECNS	4.2	31.55	–4.57	.6113
iShMSCIColombia	ICOL	7.0	6.01	–1.91	.2378
iShMSCI EAFE	EFA	4.6	47.05	–5.86	1.3761
iShMSCIEmgMarkets	EEM	3.1	31.36	–4.78	.929
iSh MSCI EM SC	EEMS	4.2	28.71	–4.74	.8515
iShMSCIFranceETF	EWQ	3.9	20.47	–3.16	.0691
iShMSCIFrontier100	FM	4.7	20.36	–2.39	.7928
iShMSCIGermanyETF	EWG	4.0	18.25	–2.97	.7381
iShMSCIGlblAgriPrd	VEGI	2.8	19.17	–2.98	.2688
iShMSCIGlblEnProd	FILL	8.6	8.61	–2.18	.3136
iShMSCIHongKong	EWH	3.5	18.77	–2.27	.2085
iShMSCIIndonesia	EIDO	3.5	12.90	–5.16	.0458
iShMSCIIreland	EIRL	3.7	26.67	–7.12	.4262
iShMSCIIsrael	EIS	3.0	40.00	–3.39	.1696
iShMSCIItaly	EWI	6.0	18.55	–2.26	.2036
iShMSCIJapan	EWJ	2.7	45.11	–1.16	.716
iShMSCIJapanSC	SCJ	6.3	52.53	–0.46	1.1913
iShMSCIKLD400Soc	DSI	1.9	87.21	–14.93	.4574
iShMSCIKokusaiETF	TOK	3.0	50.91	–8.20	.6994
iShMSCIMalaysiaETF	EWM	4.1	20.22	–2.14	.3114
iShMSCIMexico	EWW	4.9	27.04	–7.32	.434
iShMSCINetherlands	EWN	3.9	22.58	–3.23	.1386
iShMSCIPacificxJp	EPP	5.9	30.28	–6.75	.8424
iShMSCIPeru	EPU	4.6	21.72	–3.78	.6657
iShMSCIPhilippines	EPHE	1.3	20.22	–4.31	.2371
iShMSCIPoland	EPOL	4.1	12.90	–0.65	.4887
iShMSCIRussia	ERUS	12.6	24.94	–4.14	.6448
iShMSCISaudiArabia	KSA	3.0	21.88	–0.78	.301
iShMSCISingapore	EWS	7.2	15.86	–2.99	.6824
iShMSCISouthAfrica	EZA	8.0	25.63	–7.92	1.3147
iShMSCISthKorea	EWY	...	40.58	–9.15	...
iShMSCISpain	EWP	5.9	18.33	–2.58	.6781
iShMSCISweden	EWD	6.2	21.91	–4.01	.9489
iShMSCISwitz	EWL	2.4	31.26	–3.13	.7499
iShMSCITaiwan	EWT	...	30.80	–4.14	...
iShMSCIThailand	THD	3.9	53.91	–2.08	.0608
iShMSCIUSAESGSelct	SUSA	2.1	98.34	–16.55	.5313
iShMSCIUSAEqWeight	EUSA	2.3	41.51	–8.37	.3187
iShMSCIUK	EWU	7.0	20.06	–3.96	.5988
iShMSCIWorldETF	URTH	3.1	68.63	–11.00	1.2137
iShMorningstarLC	JKD	3.2	129.53	–25.87	.7937
iShMornLCGrowth	JKE	.7	164.86	–26.01	.1443
iShMornLCValue	JKF	4.0	79.58	–12.93	.8949
iShMorningstarMC	JKG	2.1	133.75	–31.47	.727
iShMornMCGrowth	JKH	.4	190.85	–30.64	.3969
iShMorningstarSC	JKJ	2.2	109.30	–23.55	.586
iShMornSCGrowth	JKK	.4	144.35	–22.26	.2491
iShMornSCValue	JKL	4.4	77.78	–19.11	.8534
iShNatlMuniBd	MUB	2.7	102.30	–9.21	.2277
iShNewYorkMuniBd	NYF	2.4	51.48	–4.34	.0967
iShResRealEst	REZ	4.6	47.88	–16.67	.6348
iShRobotics&AI	IRBO	.9	20.05	–2.22	.1155
iShRussell1000Gwth	IWF	1.3	133.98	–22.53	.4298
iShRussell1000	IWB	2.4	126.17	–23.00	.8356

Name	Tick Sym	Yld	Last	Chg.	Div Amt.
VangdFTSEAWxUS	VEU	4.6	36.60	–5.08	.5814
VangdGrowth	VUG	1.2	139.61	–23.05	.5077
VangdHlthCr	VHT	2.0	146.00	–22.64	.445
VangdHiDiv	VYM	4.3	63.64	–10.73	.5544
VangdIndls	VIS	2.7	95.74	–21.70	.6553
VangdIntermBd	BIV	2.8	84.65	–3.97	.1811
VangdLC	VV	2.5	105.92	–18.53	.768
VangdLT Bond	BLV	3.6	94.63	–9.19	.2599
VangdMegaCap	MGC	2.5	81.38	–14.08	.5168
VangdMegaGrwth	MGK	1.1	113.04	–18.42	.36
VangdMegaVal	MGV	3.9	59.35	–10.73	.5989
VangdMC	VO	2.4	115.90	–23.50	.7357
VangdMCGrowth	VOT	1.2	110.83	–21.39	.2737
VangdMC Val	VOE	3.8	71.64	–16.29	.7792
VangdRealEst	VNQ	5.3	59.68	–19.80	.6479
VangdS&P500ETF	VOO	2.5	210.74	–36.90	1.178
VangdS&P500 Grw	VOOG	1.7	132.17	–22.21	.446
VangdS&P500Val	VOOV	3.2	82.92	–16.01	.6316
VangdS&PMC400	IVOO	2.5	85.16	–18.93	.2657
VangdS&P400Grwth	IVOG	1.8	94.95	–20.57	1.7219
VangdS&P400Val	IVOV	3.1	74.59	–17.26	2.2747
VangdS&P600	VIOO	2.3	90.57	–17.74	2.0859
VangdS&P600Grwth	VIOG	1.7	103.52	–19.39	.2727
VangdS&P600Val	VIOV	2.8	77.78	–15.46	.3032
VangdST Bond	BSV	2.3	80.23	–1.23	.1366
VangdSC	VB	2.3	101.42	–21.22	.4673
VangdTaxExemptBd	VTEB	2.6	46.88	–5.46	.0897
VangdTotalStk	VTI	2.5	115.19	–20.74	.8855
VangdTotlWrld	VT	3.3	56.03	–9.17	.6109
VangdUtilities	VPU	3.8	104.19	–20.97	.8749
VangdValue	VTV	3.7	80.05	–15.00	.9093
VelocityShares3xIn	DGAZ	...	341.40	+114.28	...
VelocityShares3xLg	UGAZ	...	25.13	–16.41	...
VelocityLgLIBOR	ULBR	...	9.08	–0.37	...
VelocityShLIBOR	DLBR	...	36.73	–0.22	...
Velocity3xInvCrude	DWT	...	11.91	–0.81	...
Velocity3xLgCrude	UWT	...	.27	–0.93	...
VesperUSLCShort	UTRN	1.0	17.09	–3.04	.8496
VicShUSAACrIntBd	UITB	3.2	49.42	–2.74	.1071
VicShUSAAShtBd	USTB	2.8	48.69	–1.87	.0959
VicShUSAA EMVal	UEVM	8.4	29.68	–4.90	.8977
VicShUSAA IntlVal	UIVM	10.6	30.46	–4.17	.1594
VicSh USAA SC Val	USVM	5.1	32.49	–7.51	.036
VicShUSAA USAVal	ULVM	5.0	33.72	–7.66	.0786
VidentUSBdStrat	VBND	3.2	45.81	–3.32	.2072
VidentCoreUSEquity	VUSE	2.5	20.10	–3.98	.0792
VidentIntlEquityFd	VIDI	5.3	15.12	–3.14	.0286
VirtusInfrUSPfd	PFFA	18.8	11.78	–5.12	.15
VirtusLifeSciBio	BBC	...	26.34	–0.88	...
VirtusLifeSciBio	BBP	...	33.46	–2.85	...
VirtusNewDynCredit	BLHY	5.8	21.03	–1.76	.0761
VirtusNewMultiBd	NFLT	5.0	21.20	–2.13	.0823
VirtusPrvCrd	VPC	19.6	13.93	–4.88	.35
VirtusRealAsset	VRAI	6.6	14.26	–3.56	.15
VirtusReavesUtil	UTES	2.5	30.07	–5.46	.16
VirtusSeixSrLoan	SEIX	5.7	20.91	–2.39	.0786
VirtusWMCGlb	VGFO	2.9	18.96	–1.81	.5455
VolsharesLC	VSL	1.7	20.07	–3.80	.4165
WBIBullBrGlbIncm	WBII	4.5	22.38	–0.25	.0752
WBIBullBrQu3000	WBIL	.7	25.12	–0.05	.0216
WBIBullBrRsInc300	WBIE	.8	25.38	–0.06	.0366
WBIBullBrTdUS	WBIT	5.1	16.38	–0.42	.1944
WBIBullBrTrdUSTR	WBIN	8.6	15.81	–0.11	.0801
WBIBullBrVal3000	WBIF	.7	25.02	+0.07	.0398
WBIBullBrYd3000	WBIG	1.9	22.03	–0.05	.0154
WBIPwrFactorHiDiv	WBIY	9.8	14.24	–3.27	.3408
WeatherStorm	FLAG	3.9	21.43	–5.34	.2718
WisdTrAPxJp	AXJL	5.1	48.64	–7.25	.3647
WisdTrUSDBull	USDU	2.8	29.32	+1.03	.8163
WisdTrCBOES&P500	PUTW	2.0	21.12	–2.58	.4183
WisdTrChineseYuan	CYB	2.1	24.61	–0.59	.5104
WisdTrContComm	GCC	...	14.21	–1.19	...
WisdTrEmgCurr	CEW	...	16.34	–0.78	...
WisdTrEMxSOE	XSOE	2.8	22.37	–3.59	.1257
WisdTrEM HiDiv	DEM	7.4	29.55	–4.71	.4051
WisdTrEMLocDebt	ELD	6.0	29.25	+0.26	.14
WisdTrEMMulti	EMMF	4.0	16.44	–2.07	.138
WisdTrEM SC	DGS	6.2	30.22	–6.58	.3818
WisdTrEuropeHdg	HEDJ	2.7	46.90	–4.16	.085
WisdTrEuropeHdgSM	EUSC	4.8	21.19	–2.78	.17
WisdTrEurQualDiv	EUDG	3.4	19.02	–2.72	.0963
WisdTrEuropeSC	DFE	6.3	35.38	–9.58	.3516
WisdTrFRTrea	USFR	2.0	25.09	+0.01	.033
WisdTrGlbxUSQual	DNL	2.7	46.60	–9.18	.28
WisdTrGlbxUSREFd	DRW	12.3	20.12	–4.41	.5689
WisdTrGlbHiDiv	DEW	5.9	30.81	–5.35	.4243
WisdTrS&PChina500	WCHN	2.0	24.71	–2.85	.38
WisdTrIndiaEarn	EPI	1.9	15.63	–3.23	.13
WisdTrIndiaxSOE	IXSE	...	16.98	–3.66	...
WisdTrIntDivxFin	DOO	6.6	27.86	–3.58	.475
WisdTrIntlEquity	DWM	5.3	34.88	–5.06	.3452
WisdTrIntlHdgQual	IHDG	2.6	27.74	–2.13	.1968
WisdTrIntlHiDiv	DTH	6.9	25.95	–3.61	.3514
WisdTrIntlLC Div	DOL	5.3	32.48	–4.20	.275
WisdTrIntlMC Div	DIM	5.2	41.40	–5.92	.3854
WisdTrIntlMult	DWMF	3.7	19.02	–1.79	.1585
WisdTrIntlSC	DLS	5.6	42.64	–7.86	.6344
WisdTrJapanHdg	DXJ	3.3	39.84	–0.40	.065
WisdTrJapanSC	DFJ	3.1	52.99	+0.34	.06
WisdTrMgdFut	WTMF	1.7	36.42	+0.69	.6039
WisdTrModTech	PLAT	.4	20.88	–2.61	.0806
WisdTrMtgPlBdFd	MTGP	2.5	49.34	–1.42	.105
WisdTr90/60USBal	NTSX	1.5	23.09	–3.61	.1153
WisdTrUSDivxFin	DTN	5.3	57.90	–10.79	.22
WisdTrUSHiDiv	DHS	5.9	50.51	–9.71	.30
WisdTrUSLCDivFd	DLN	3.9	72.08	–13.65	.30
WisdTrUSLCFd	EPS	2.5	25.19	–4.50	.1638
WisdTrUSMCDivFd	DON	4.5	21.49	–5.51	.09
WisdTrUSMCFd	EZM	2.4	23.39	–6.04	.1787
WisdTrUSQualShr	QSY	2.4	57.44	–12.18	.4083
WisdTrUSSCDiv	DES	5.0	16.44	–3.08	.06
WisdTrUSSCFd	EES	2.5	20.32	–4.10	.1475
WisdTrUSTotalDivFd	DTD	4.0	69.86	–13.57	.30
WisdTrUSTMFd	RESP	2.7	24.67	–4.16	.3374
WisdTrYdEnhGlbAgg	GLBY	4.2	24.91	–1.29	.0375
WisdTrYdUSAggBd	AGGY	3.4	47.20	–2.55	.125
XtrkrsFTSEDevXus	DEEF	5.7	19.00	–3.33	.0827
XtrkrsHarvCSI300	ASHR	1.2	24.65	–3.97	.2899
XtrkrsHarvCSI500	ASHS	.6	25.62	–2.79	.1573
XtrkrsHiBetHYBd	HYUP	8.9	37.22	–6.48	.2754
XtrkIntlRealEst	HAUZ	5.9	18.56	–4.62	.2465
XtrkrsJpnJPXNik400	JPN	3.2	21.94	–0.42	.3648
XtrrsLowBetHYBd	HYDW	5.5	41.95	–5.41	.1858
XtrkACWIxUSESGLd	ACSG	4.5	19.57	–2.43	.4749
XtrkrsMSCIAllChina	CN	5.0	28.85	–3.08	1.4423
XtrkrsMSCIAWxUS	HDAW	6.1	16.95	–2.66	.1291
XtrkrsMSCIAWxUS	DBAW	3.9	21.55	–1.57	.3967
XtrkMChinaAIncl	ASHX	.9	18.04	–2.36	.3737
XtrkESGLeaders	EASG	4.2	18.54	–2.23	.3024
XtrkrsMSCIHiDiv	HDEF	6.5	15.92	–2.52	.1296
XtrkrsMSCIEAFE	DBEF	4.1	24.83	–1.45	.3446
XtrkrsMSCIEMESG	EMSG	4.9	19.89	–2.42	.7681
XtrkrsMSCIEM	DBEM	3.5	17.62	–1.40	.1808
XtrkrsMSCIEurope	DBEU	3.9	22.20	–1.70	.2428
XtrkrsMSCIEurozone	DBEZ	4.2	22.50	–2.12	.1662
XtrkrsMSCIGermany	DBGR	3.1	19.06	–1.94	.0096
XtrkrsMSCIJapan	DBJP	3.3	33.45	+0.25	1.09
XtrkMSCILatAmPac	PACA	4.9	14.09	–4.75	.2588
XtrkrsUSAESGLdrs	USSG	1.7	21.15	–3.85	.1103
XtrkrsMuniInfra	RVNU	3.0	24.75	–2.28	.0501
XtrkrsRussell1000	DEUS	2.6	23.10	–5.33	.1574
XtrkRuss1000USQu	QARP	2.7	20.81	–3.92	.1399
XtrkS&P500ESG	SNPE	2.2	20.12	–3.61	.1494
XtrkrsShDurHYBd	SHYL	7.2	39.88	–5.12	1.0691
XtrkrsUSDHYCorpBd	HYLB	7.3	39.65	–5.99	.255

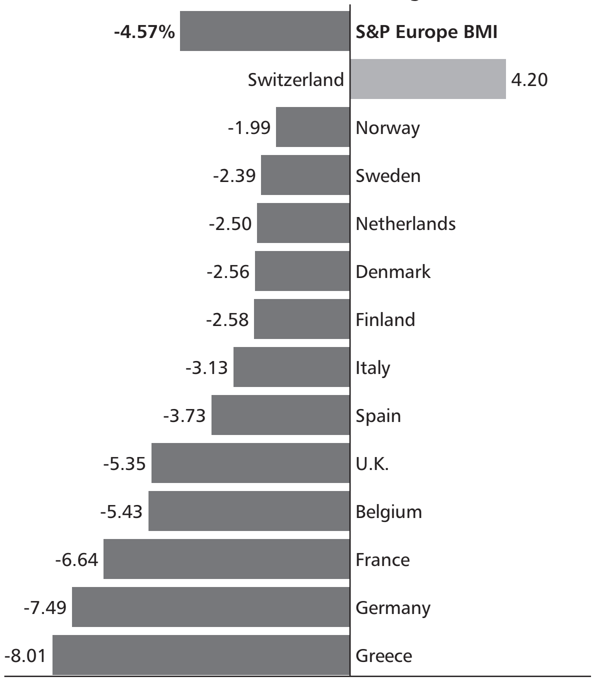
Complete FOREIGN EXCHANGE LIST: Page M34

Foreign Markets

Key Cross Rates $1=€0.9349, ¥110.82, £0.8592

Europe

Support Groups: Central banks in Europe and Britain aided their markets—boosting confidence.



Indexes based on S&P Global Broad Market Indices Source: S&P DJ Indices

GLOBAL STOCK MARKETS

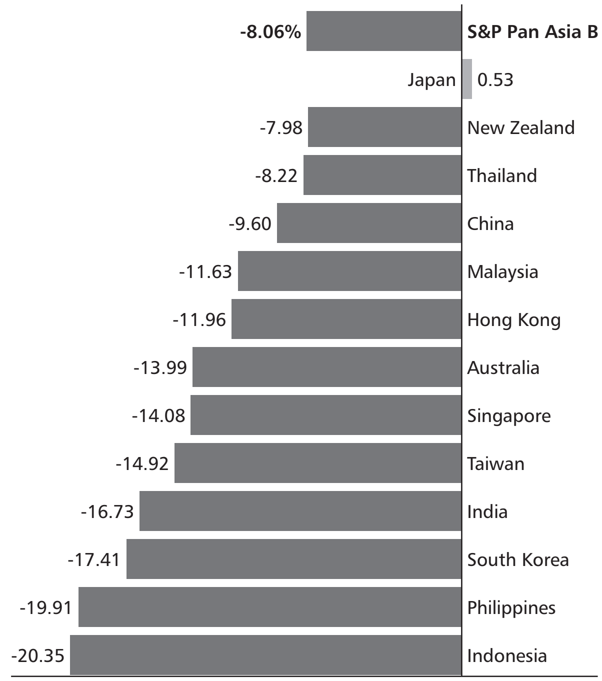
Index	In Local Currencies Week's % Chg.	3/20	52-wk Range	In U.S. Dollars[1] Week's % Chg.	3/20	52-wk Range
The World	**–11.1**	**1288.6**	**1874.3–1288.6**	**–12.3**	**1650.9**	**2435.0–1650.9**
E.A.F.E.[2]	–2.1	865.7	1219.1–843.7	–5.8	1393.9	2057.7–1376.2
Australia	–13.5	962.3	1434.7–955.5	–17.9	502.3	872.8–500.4
Austria	–4.3	322.4	603.9–273.9	–7.6	651.2	1286.9–560.7
Belgium	3.4	727.6	1169.3–644.9	–0.1	963.9	1602.7–867.7
Canada	–13.5	1502.8	2271.5–1481.6	–15.7	1132.0	1856.1–1102.4
Denmark	–1.4	8027.2	10485.5–7907.1	–4.7	8615.1	11367.5–8551.9
Finland	0.2	520.5	766.4–492.2	–3.3	369.0	555.2–353.7
France	–1.7	1469.7	2210.8–1356.1	–5.0	1327.9	2055.9–1241.8
Germany	–3.2	680.1	1048.0–639.1	–6.5	1360.0	2153.2–1295.2
Greece	–6.1	33.8	62.2–29.7	–9.3	13.4	25.8–11.9
Hong Kong	–8.3	13091.5	18576.5–12618.3	–8.1	9373.8	13153.7–9029.6
Ireland	–8.3	162.3	251.4–152.4	–11.4	132.3	214.6–125.9
Italy	–0.3	523.1	835.4–490.8	–3.8	180.5	291.1–175.6
Japan	0.2	772.9	1053.1–754.2	–3.5	2503.2	3462.4–2503.2
Netherlands	–0.8	1424.8	2022.8–1339.8	–4.0	2506.1	3616.3–2386.2
New Zealand	–2.7	156.9	194.0–145.0	–7.6	136.8	186.9–136.8
Norway	3.1	2290.6	3077.5–2130.0	–11.0	1400.8	2565.4–1400.8
Portugal[3]	–5.1	74.8	113.1–74.0	–8.4	52.4	80.0–51.9
Singapore	–9.0	1269.4	1798.0–1229.2	–11.2	2688.6	4060.9–2609.0
Spain	–1.8	626.5	974.0–589.8	–5.2	281.7	442.2–276.4
Sweden	–1.6	10668.0	15073.5–10477.3	–6.6	5342.2	8070.5–5317.7
Switzerland	2.9	1166.8	1511.4–1115.4	–0.4	5081.3	6600.7–4985.6
U.K.	–2.8	1484.2	2211.0–1454.7	–8.0	726.3	1196.0–713.1
U.S.A.	–15.0	2191.0	3236.7–2191.0	–15.0	2191.0	3236.7–2191.0

Base Jan. 1, 1970=100 [1]Adjusted for foreign exchange fluctuations relative to the U.S. $. [2]Europe, Australasia, Far East Index. [3]Base: Jan. 1, 1988=100.

Source: Morgan Stanley Capital International Perspective, Geneva.

Asia

Bent Curve: China's stocks fell less than America's, as new coronavirus cases subsided there.



Indexes based on S&P Global Broad Market Indices Source: S&P DJ Indices

KEY FOREIGN STOCK MARKET INDEXES

	Most Recent Close	Week's %Chg.	Year-to-Date Chg.	Year-to-Date % Chg.
Amsterdam AEX	431.98	–0.20	–172.60	–28.55
Athens General	555.13	+0.57	–361.54	–39.44
Bangkok SET	1127.24	–0.15	–452.60	–28.65
Bombay Sensex	29915	–12.28	–11337	–27.48
Brussels Bel-20	2771.49	+1.42	–1184.34	–29.94
Buenos Aires Merval	23890	–16.02	–17781	–42.67
Copenhagen OMX 20	972.81	–0.70	–162.98	–14.35
Dublin ISEQ	4432.01	–13.54	–2751.40	–38.30
EURO STOXX SXXE	278.85	–1.80	–125.09	–30.97
EURO STOXX 50 SXSE	2548.50	–1.45	–1196.65	–31.95
Frankfurt DAX	8928.95	–3.28	–4320.06	–32.61
Helsinki OMHX	7137.01	–2.54	–2737.65	–27.72
Hong Kong Hang Seng	22805	–5.11	–5384.68	–19.10
Istanbul IMKB	85795	–10.26	–28629	–25.02
Jakarta Composite	4194.94	–14.52	–2104.59	–33.41
Johannesburg All Share	40272	–8.84	–16812	–29.45
Kuala Lumpur Composite	1303.28	–3.08	–285.48	–17.97
LISBON PSI	2530.63	–5.34	–834.62	–24.80
London FTSE - 100	5190.78	–3.27	–2351.66	–31.18
Madrid IBEX 35	6443.31	–2.81	–3105.89	–32.53
Manila Composite	4778.76	–17.52	–3036.50	–38.85
Mexico City IPC	34269	–10.02	–9271.51	–21.29
Milan FTSE All Share	16859	–3.19	–8769.12	–34.22
Moscow RTS	924.22	–6.80	–624.70	–40.33
Oslo Composite	725.06	–0.81	–307.18	–29.76
Paris CAC	4048.80	–1.69	–1929.26	–32.27
Santiago Selective	2191.06	–18.28	–1144.80	–34.32
Sao Paulo Bovespa	67069	–18.88	–48575	–42.00
Seoul Composite	1457.64	–17.71	–740.03	–33.67
Shanghai Composite	2702.13	–6.42	–347.99	–11.41
Shenzhen B Share Idx	826.87	–6.85	–134.75	–14.01
Singapore FTSE STI	2410.74	–8.48	–812.09	–25.20
Stockholm OMXS	505.08	–3.11	–175.74	–25.81
STOXX Europe 50 SXSP	2500.07	+0.18	–902.96	–26.53
STOXX Europe 600 SXXP	293.04	–2.04	–122.80	–29.53
Sydney S&P/ASX 200	4816.60	–13.05	–1867.47	–27.94
Taipel Weighted	9234.09	–8.83	–2763.05	–23.03
Tel Aviv 125 Index	1161.80	–2.75	–454.90	–28.14
Tokyo Nikkei-225	16552	–5.04	–7103.79	–30.03
Toronto S&P/TSX	11851	–13.59	–5211.62	–30.54
Vienna ATX	1889.19	–5.58	–1297.75	–40.72
Wellington S&P/NZX 50	9201.64	–6.36	–2290.26	–19.93
Zurich Swiss	8623.86	+3.06	–1993.08	–18.77

Indexes are based on local currencies. Because of various holidays and other market closings, the most recent close is not necessarily that of the week of publication.

S&P Global Broad Market Indices

Region/ Country	S&P Global Indexes, Local Curr. 03/19/20	Wkly % Chg.	S&P Global Indexes, U.S. $ 03/19/20	Wkly % Chg.	SP Global Indexes, U.S. $ on 12/31/19	Point Chg. From 12/31/19	% Chg. From 12/31/19
Americas			**253.89**	**— 11.94**	**352.84**	**— 98.95**	**— 28.04**
Brazil	689.52	— 17.54	150.93	— 23.50	321.59	— 170.66	— 53.07
Canada	368.82	— 11.27	324.08	— 14.19	512.59	— 188.50	— 36.78
Chile	222.06	— 18.27	113.23	— 20.42	197.06	— 83.83	— 42.54
Mexico	578.24	— 8.81	194.10	— 17.04	310.96	— 116.85	— 37.58
U.S.	24116.65	— 11.62	24116.65	— 11.62	33035.38	— 8918.73	— 27.00
Latin America			**154.53**	**— 21.77**	**304.77**	**— 150.24**	**— 49.30**
Europe			**265.60**	**— 7.74**	**408.14**	**— 142.54**	**— 34.92**
Austria	170.64	— 15.18	151.58	— 18.00	299.44	— 147.86	— 49.38
Belgium	251.99	— 5.43	223.83	— 8.57	368.41	— 144.58	— 39.24
Denmark	1536.30	— 2.56	1378.24	— 5.81	1769.38	— 391.14	— 22.11
Finland	1017.76	— 2.58	904.03	— 5.81	1329.35	— 425.32	— 31.99
France	287.10	— 6.64	255.02	— 9.74	412.89	— 157.86	— 38.23
Germany	314.88	— 7.49	279.69	— 10.56	455.73	— 176.04	— 38.63
Greece	12.35	— 8.01	12.01	— 11.07	23.73	— 11.72	— 49.40
Ireland	443.37	— 13.48	393.82	— 16.35	665.38	— 271.55	— 40.81
Italy	153.15	— 3.13	136.04	— 6.34	217.35	— 81.31	— 37.41
Netherlands	491.95	— 2.50	436.98	— 5.74	624.39	— 187.41	— 30.02
Norway	440.87	— 1.99	276.38	— 11.82	500.64	— 224.26	— 44.80
Portugal	47.35	— 6.22	46.03	— 9.33	68.24	— 22.21	— 32.54
Russia	1656.40	— 3.17	166.00	— 9.68	290.94	— 124.95	— 42.95
Spain	290.06	— 3.73	257.65	— 6.92	399.59	— 141.95	— 35.52
Sweden	976.58	— 2.39	668.85	— 7.57	982.90	— 314.05	— 31.95
Switzerland	514.97	4.20	763.22	1.01	940.04	— 176.82	— 18.81
United Kingdom	205.10	— 5.35	158.38	— 11.01	267.99	— 109.61	— 40.90
South Africa	587.26	— 17.13	164.73	— 22.05	316.49	— 151.76	— 47.95
Pacific Region			**169.91**	**— 10.04**	**238.86**	**— 68.95**	**— 28.87**
Australia	338.66	— 13.99	288.31	— 18.03	485.26	— 196.95	— 40.59
China	401.13	— 9.60	483.87	— 9.78	590.76	— 106.89	— 18.09
Hong Kong	362.97	— 11.96	362.61	— 11.83	477.15	— 114.54	— 24.01
India	783.34	— 16.73	410.39	— 17.92	624.41	— 214.02	— 34.27
Japan	99.37	0.53	112.73	— 2.12	155.29	— 42.55	— 27.40
Malaysia	179.09	— 11.63	106.23	— 14.23	156.90	— 50.67	— 32.29
New Zealand	303.76	— 7.98	344.37	— 11.45	494.63	— 150.27	— 30.38
Philippines	234.96	— 19.91	183.47	— 19.99	313.51	— 130.05	— 41.48
Singapore	129.07	— 14.08	146.49	— 15.83	224.34	— 77.85	— 34.70
South Korea	563.98	— 17.41	743.59	— 21.67	1222.99	— 479.40	— 39.20
Taiwan	85.27	— 14.92	91.48	— 15.64	129.43	— 37.95	— 29.32
Thailand	230.86	— 8.22	340.56	— 10.44	567.16	— 226.59	— 39.95
Euro Zone			**93.47**	**— 9.02**	**148.72**	**— 55.25**	**— 37.15**
Europe Developed (ex U.K.)			**349.54**	**— 6.66**	**520.07**	**— 170.52**	**— 32.79**
Europe (Nordic)			**693.49**	**— 7.23**	**1005.63**	**— 312.14**	**— 31.04**
Pacific (ex. Japan)			**225.88**	**— 14.59**	**321.74**	**— 95.86**	**— 29.79**
World (ex US)			**144.25**	**— 9.75**	**214.75**	**— 70.50**	**— 32.83**
S&P Global Broad Market Indices			**196.54**	**— 10.80**	**279.60**	**— 83.06**	**— 29.71**
GLOBAL DOW			**2237.13**	**— 9.45**	**3251.24**	**— 1014.11**	**— 31.19**

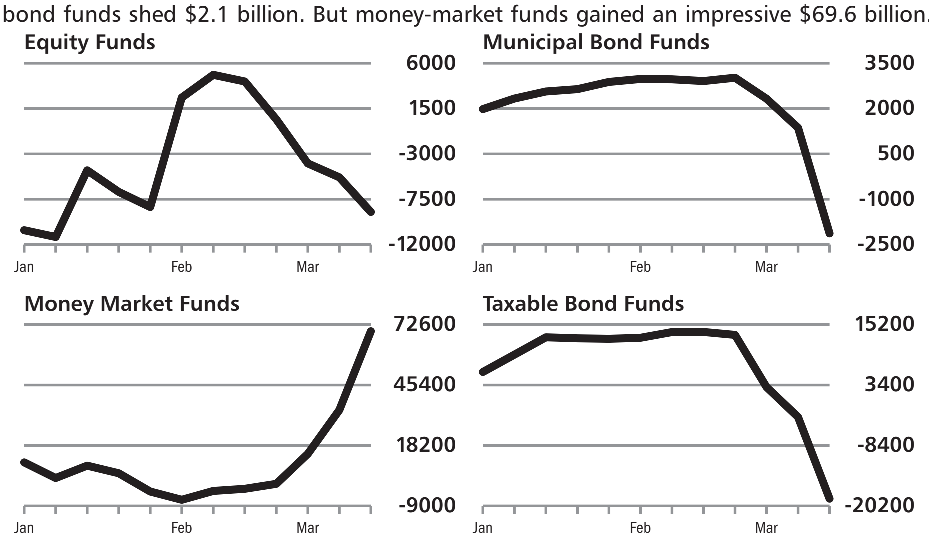
Mutual Funds

Data provided by LIPPER

NOTICE TO READERS: Due to technical difficulties at Lipper, the Mutual Fund data below is from March 19, 2020.

CASH TRACK

Cashing Out: Cash fled stocks and bonds, dropping the last month's average weekly outflow from equity funds to $8.8 billion. Taxable-bond funds lost a huge $18.8 billion, muni-bond funds shed $2.1 billion. But money-market funds gained an impressive $69.6 billion.



The charts above show four-week moving averages of net cash flow in millions of dollars. BARRON'S • Lipper FMI

	NAV	Net Chg.	YTD % Ret.	3-Yr. % Ret.
A				
AAM:				
B&GIncGroCII	14.59	-1.98	-26.3	2.3
AB Funds:				
AlBeGblBndFdClZ p	7.95	-0.41	NA	NA
AllMktRtrn1	5.68	NA	NA	NA
CapFdInc.LCapGow	51.63	-5.40	-18.1	34.5
DiscovValFd	11.21	-2.46	-43.1	-35.7
IntDurInstl	14.68	NA	NA	NA
IntlStraEquPtZ	8.43	NA	NA	NA
MuniIncmShares	10.45	-0.99	-13.0	5.4
MuniInflStr1	9.03	-0.55	-11.9	-5.1
AB Funds - A:				
BalWlthStrA p	12.13	NA	NA	NA
GlobalBondA p	7.95	-0.42	-6.1	3.4
GrowthA p	61.95	NA	NA	NA
HighIncomeA p	6.39	-0.90	-22.0	-12.5
LgCpGrA p	46.94	-4.91	-18.1	33.2
MuCA A p	10.32	-0.61	-8.0	3.1
NtlMuA p	9.59	-0.59	-7.9	3.7
RelatValA p	3.89	-0.56	-30.9	-8.7
SmCpGroA p	38.13	-5.17	-28.6	17.9
SmMdCpGrA p	7.94	-1.07	-25.2	13.2
SustGlblThemGrA p	94.23	NA	NA	NA
AB Funds - ADV:				
ConGroAdv	32.09	NA	NA	NA
GlbBd	7.95	-0.41	-6.0	4.3
HiIncmAdv	6.40	-0.90	-21.9	-11.9
IntlSmCapPtADV	6.88	NA	NA	NA
IntlStraEquPtADV	8.42	NA	NA	NA
LgCpGrAdv	51.78	-5.42	-18.1	34.2
NationalPtf	9.59	-0.59	-7.9	4.5
SelectUSLgShrt	11.36	-0.67	-13.3	9.4
SmCapCorePortADV	7.20	-1.24	-38.8	-29.4
SmMdCpGr	8.64	-1.17	-25.2	13.9
SmMidCpValAdv	11.63	-2.55	-43.1	-35.9
TxMgdWlthAppAdv	11.70	NA	NA	NA
WlthApprStr	12.08	NA	NA	NA
AB Funds - C:				
HighIncomeC p	6.46	-0.91	-22.2	-14.8
LgCpGrC t	33.36	-3.50	-18.3	30.2
AB Funds - I:				
GlbBd	7.95	-0.41	-6.0	4.4
LgCpGroI	51.47	-5.39	-18.1	34.2
SmCpGroI	42.44	-5.75	-28.6	18.7
Aberdeen Fds:				
EmMktEqty Inst	11.00	-2.07	-31.4	-17.8
UltStMuniIncInst	10.02	-0.01	0.0	3.7
USSmCapEq Inst	25.12	-2.38	-27.1	-11.4
Acadian Emerging Markets:				
AcadnEm Inv n	14.26	-2.40	-31.2	-21.0
AIG Funds:				
FDivStII t	11.84	-1.06	-31.1	-16.8
Akre Funds:				
AkreFocusInst	37.74	-5.24	-17.3	45.7
AkreFocusRtl	36.78	-5.11	-17.3	44.6
Alger Funds A:				
CapApr	22.01	-2.54	-18.3	27.5
SpectraN	17.84	-2.22	-20.5	23.1
Alger Funds Inst:				
CapApprI	28.19	-3.27	-18.3	27.5
Allianz Fds Admin:				
RCMTechI	55.48	-3.35	-15.1	49.3
Allianz Funds A:				
MidCpValA	19.99	-3.63	-34.9	-16.8
RCMGrowthA	40.54	-5.27	-21.3	19.5
RCMTech t	46.41	-2.81	-15.2	47.8
Amana Income:				
AmanaIncm n	40.24	-4.85	-23.8	2.5
AmanaGrowth n:				
AmanaGrowth n	36.30	-3.38	-18.7	29.7
Amer Beacon Insti:				
IntlInst	11.28	-1.54	-38.9	-28.7
LgCapinst	17.54	-2.97	-35.9	-18.1
LgCpVal Inst	17.33	-2.74	-36.1	-22.2
SmCpInst	13.88	-2.50	-43.0	-36.4
Amer Beacon Inv:				
LgCapInv	16.04	-2.71	-36.0	-18.9
American Century A:				
EqIncA p	6.62	-0.76	-27.2	-7.1
American Century C:				
EqIncC p	6.62	-0.76	-27.3	-9.2
American Century G:				
GlBond	9.54	-0.52	-6.5	NS
InfAdjBd	10.93	-0.49	-5.8	NS
NT IntlGr	8.25	-1.10	-28.1	-1.4
NT MdCapVal	8.73	-1.18	-32.6	-16.9
NTDvBnd	10.68	-0.46	-1.9	9.8
NTEqGrp	8.34	-0.93	-23.8	6.0
NTGrwth	13.46	-1.52	-20.2	29.7
NTHeritage	8.48	-1.40	-29.0	5.4
NTHighInc	7.78	-0.92	-19.0	NS
NTIntlVal	6.19	-0.68	-31.9	-25.7
NTLgVal	8.22	-1.01	-29.9	-11.2
Sustain Equity	24.31	-3.03	-25.2	NS
American Century I:				
CaHYMu	10.02	-0.66	-8.3	8.8
DivBnd	10.65	-0.47	-2.3	8.3
EmgMkt	8.50	-1.68	-30.0	-10.0
EqInc	6.63	-0.76	-27.2	-5.9
Growth	28.97	-3.25	-20.2	26.3
IntTF	10.85	-0.53	-6.0	6.0
MdCapVal	11.42	-1.57	-33.0	-18.9
OneChoice2025	11.95	-1.00	-16.8	0.9
OneChoice2030	10.27	-0.94	-18.4	0.2
OneChoice2035	12.61	-1.23	-19.9	-0.4
American Century Ins:				
CAIntTf	11.32	-0.55	-6.0	5.3
American Century Inv:				
Balanced n	16.17	-1.29	-15.2	6.6
CaHYMu n	10.02	-0.67	-8.4	8.2
CAIntTF n	11.32	-0.54	-6.0	4.7
DivBnd n	10.64	-0.48	-2.4	7.5
EmgMkt nr	8.29	-1.65	-30.1	-10.6
EqGro n	23.76	-2.65	-24.0	4.1
EqInc n	6.62	-0.76	-27.2	-6.5
GinnieMae n	10.45	-0.11	-0.3	7.8
Grwth n	28.38	-3.18	-20.2	25.6
Heritage n	14.68	-2.42	-29.2	2.9
IncGro n	28.94	-3.46	-25.3	-2.1
InfAdjBd n	10.93	-0.49	-5.9	1.5
InfProBd n	9.77	-0.22	-4.4	0.5
Intl Gr n	9.10	-1.26	-28.6	-6.0
IntlOppt n	7.03	-1.27	-33.9	-14.6
IntTF n	10.85	-0.53	-6.0	5.4
LgComVal n	7.66	-0.95	-30.2	-13.2
MdCapVal n	11.41	-1.56	-33.1	-19.4
OneChAgg n	11.97	-1.43	-24.6	-3.5
OneChCon n	11.57	-0.95	-15.9	-0.1
OneChMod n	12.38	-1.28	-20.7	-2.0
OneChoice2025 n	11.95	-1.00	-16.9	0.3
OneChoice2030 n	10.28	-0.94	-18.3	-0.3
OneChoice2035 n	12.59	-1.24	-20.0	-1.1
OneChoice2045 n	12.72	-1.42	-22.9	-2.2
OneChoiceRet n	10.91	-0.84	-15.4	0.3
Real n	20.31	-5.42	-31.9	-10.5
Select n	64.56	-7.11	-19.5	25.3
SmCpVal n	4.87	-0.79	-38.7	-27.8
Sustain Equity n	24.18	-3.03	-25.3	12.0
Ultra n	41.83	-4.83	-19.8	30.8
Value n	5.45	-0.74	-35.2	-21.6
American Century R6:				
EqInc	6.64	-0.75	-27.1	-5.4
Growth	28.94	-3.24	-20.2	26.9
MdCapVal	11.42	-1.56	-33.0	-18.5
OCP2025	9.09	-0.77	-16.9	1.1
OCP2030	9.36	-0.86	-18.3	0.6
American Century Y:				
IntTF	10.84	-0.53	-6.0	NS
American Funds Cl A:				
2010TarRetA p	9.76	NA	NA	NA
2015TarRetA p	10.18	NA	NA	NA
2020TarRetA p	11.07	NA	NA	NA
2025TarRetA p	11.74	NA	NA	NA
2030TarRetA p	12.23	NA	NA	NA
2035TarRetA p	12.14	NA	NA	NA
2040TarRetA p	12.23	NA	NA	NA
2045TarRetA p	12.39	NA	NA	NA
2050TarRetA p	12.12	NA	NA	NA
AmcpA p	25.64	-2.99	-23.6	8.2
AMutlA p	33.23	-3.46	-23.2	2.3
BalA p	23.22	NA	NA	NA
BondA p	12.96	NA	NA	NA
CapIBA p	49.07	NA	NA	NA
CapWA p	18.82	NA	NA	NA
CapWGrA	37.13	NA	NA	NA
EupacA p	38.54	NA	NA	NA
FdInvA p	44.44	-6.67	-28.1	-0.9
GBalA p	27.14	NA	NA	NA
GovtA p	14.24	NA	NA	NA
GwthA p	39.82	-4.49	-22.1	12.7
HI TrA p	8.37	NA	NA	NA
HiInMuniA	15.57	NA	NA	NA
ICAA p	29.46	-3.19	-25.2	-1.9
IncoA p	18.01	NA	NA	NA
IntBdA p	13.52	NA	NA	NA
IntlGrIncA p	23.91	-4.02	-34.0	-15.9
LtdTEBdA	15.54	NA	NA	NA
N PerA p	34.81	-4.57	-26.3	6.2
NEcoA p	34.97	-4.43	-23.5	12.2
NwWrldA	50.26	NA	NA	NA
SmCpA p	41.37	-5.65	-29.7	-2.7
STBFA p	10.03	NA	NA	NA
STTxExBdA	10.06	NA	NA	NA
TECAA p	17.43	NA	NA	NA
TxExA p	12.91	NA	NA	NA
WshA p	34.48	-5.04	-28.0	0.2
AMG Funds:				
RRDivAcVall	7.96	-1.04	-33.6	-19.5
AMG Managers Funds:				
Brandywine I n	38.84	-4.78	-25.4	6.4
DblLineCore+Bd I	10.13	NA	NA	NA
GWKMBd I	11.48	-0.57	-5.5	6.8
LoomisSaylesBd I	24.86	-1.32	-7.9	6.0
LoomisSaylesBd N n	24.86	-1.31	-7.9	5.6
TSIntlSC I	10.41	-1.59	-36.0	-21.3
TSSmCpGrFd Z	13.51	-2.10	-26.5	10.5
TSSmCpGrFd N n	12.98	-2.03	-26.6	9.8
YachtmanFocFd I	13.57	-1.53	-25.4	1.7
YacktFocFd N n	13.60	-1.54	-25.5	1.1
YacktmanFd I	15.26	-1.60	-25.5	-0.5
Angel Oak Funds Trst:				
AglOkMtiStFdClA	10.66	NA	NA	NA
AglOkMtiStFdClIn	10.65	NA	NA	NA
AQR Funds:				
LgCapDefStyle I	18.31	NA	NA	NA
LgCapDefStyle R	18.29	NA	NA	NA
LgCapMomStyle I	16.29	NA	NA	NA
LgCpMultiStyle R	12.30	NA	NA	NA
LngShrtEq I	8.78	NA	NA	NA
MgdFutStr R	8.64	NA	NA	NA
MgdFutStrI	8.63	NA	NA	NA
MgdFutStrN	8.48	NA	NA	NA
StylePremAlt I	7.70	NA	NA	NA
StylePremAlt R	7.72	NA	NA	NA
Aquila Funds:				
HI TF A	10.89	-0.40	-4.3	2.5
Arbitragel :				
Arbitragel	11.84	NA	NA	NA
Ariel Investments:				
ApprecInv pn	28.63	-4.28	-35.8	-26.3
Ariel Inv pn	41.05	-6.49	-36.9	-25.9
Artisan Funds:				
GblOppInst	21.26	NA	NA	NA
GblOppInv n	20.93	NA	NA	NA
Intl Inv n	22.84	NA	NA	NA
IntlInst	22.96	NA	NA	NA
IntlVal Inst	23.82	NA	NA	NA
IntlVal Inv n	23.76	NA	NA	NA
MidCapInst	30.75	NA	NA	NA
MidCapInv n	27.10	NA	NA	NA
MidCapVal Inv n	11.05	NA	NA	NA
SmCpInv n	24.02	NA	NA	NA
Ashmore Funds:				
EmgMktTRInst	5.84	NA	NA	NA
Ave Maria Funds:				
Growth pn	28.32	-3.91	-25.5	17.4
RisingDivd n	12.71	-1.93	-32.0	-8.7
B				
Baird Funds:				
AggBdInst	10.91	-0.44	-2.3	10.7
CorBdInst	11.09	-0.52	-3.7	9.9
IntBdInst	11.11	-0.30	-1.1	8.9
QualIntMunBdInst	11.23	-0.43	-4.1	5.0
ShtTBdInst	9.60	-0.19	-1.4	6.0
Baron Funds:				
Asset n	66.54	-7.98	-22.9	20.6
EmergingMkts n	10.29	-1.78	-30.1	-16.3
Growth n	57.13	-11.95	-30.9	8.8
Partners n	46.85	-13.75	-32.2	13.5
SmallCap n	20.21	-3.39	-31.2	0.8
Baron Instl Shares:				
AssetInst	69.41	-8.32	-22.8	21.6
EmergingMktsInst	10.32	-1.77	-30.0	-15.6
GrowthInst	59.26	-12.39	-30.8	9.6
PartnersInst	48.09	-14.10	-32.1	14.4
SmallCapInst	21.22	-3.55	-31.1	1.6
Bernstein Fds:				
Ca Mu n	13.49	-0.62	-6.4	1.7
DivrMuni n	13.69	-0.60	-5.6	2.8
EmMkts n	19.54	NA	NA	NA
IntlPort	11.47	NA	NA	NA
IntmDur n	12.89	NA	NA	NA
NY Mun n	13.31	-0.59	-5.7	2.4
TxMgdIntl n	11.93	NA	NA	NA
BlackRock Funds:				
CoreBd Inst	9.53	-0.38	-3.3	8.7
CoreBd K	9.56	-0.38	-3.3	8.9
CreStraInc Inst	8.90	-0.74	-13.2	0.9
HiYBlk	6.34	-0.60	-17.5	-1.6
HiYInvA	6.33	-0.60	-17.6	-2.9
HiYldBd Inst	6.33	-0.60	-17.6	-2.1
InflProtBdInst	10.20	-0.44	-5.7	2.5
LDurBlk	9.28	-0.23	-3.2	4.1
LowDurBdA	9.29	-0.23	-3.2	3.2
LowDurI Inst	9.29	-0.23	-3.2	4.0
BlackRock Funds A:				
AdvLCGrwA	13.24	-1.61	-20.2	18.1
AdvLgCapCore p	12.67	-1.65	-24.9	3.1
BalCapFd	19.17	NA	NA	NA
BasicVal	13.52	-2.00	-34.5	-20.1
CAlnsMuni	11.54	-0.60	-9.6	2.3
CapAppr	22.29	-2.72	-19.2	30.4
EqtyDivd p	14.51	-1.74	-30.3	-8.5
GlblAlloc p	15.74	-1.31	-18.1	-3.7
HlthScOp p	52.04	-5.60	-19.4	22.3
LgCp Focus Gr	3.77	-0.42	-18.2	29.7
MdCpGrA	19.83	-2.92	-23.7	27.0
MultiAstIncome	9.24	-0.78	-15.0	-1.5
NatlMuni p	10.27	-0.50	-7.5	3.8
NYMUNIOPP	10.29	-0.56	-9.9	2.0
ScTechOppA	27.84	-3.16	-17.7	58.4
StratMuniOpp	10.80	-0.24	-7.8	5.0
StrtIncOpptyInvA	9.28	-0.33	-6.4	2.7
TotRet	11.37	NA	NA	NA
BlackRock Funds Blrk:				
CapAppr	24.74	-3.02	-19.1	31.9
BlackRock Funds C:				
EqtyDivd t	13.73	-1.77	-30.9	-11.1
GlblAlloc t	13.90	-1.28	-18.8	-6.6
HlthScOp p	44.93	-4.84	-19.5	19.7
MultiAstIncome	9.23	-0.78	-15.2	-3.7
BlackRock Funds III:				
iShS&P500IdxK	286.85	-35.81	-25.0	7.5
iShUSAggBdIdxK	10.27	-0.32	-0.8	11.2
BlackRock Funds Inst:				
AdvLgCapCore	13.21	-1.71	-24.9	4.0
BalCapFd	19.26	NA	NA	NA
BasicVal	13.75	-2.03	-34.4	-19.4
CAInsMun	11.55	-0.60	-9.6	3.1
CapAppr	24.55	-3.00	-19.1	31.4
EqtyDivd	14.45	-1.86	-30.8	-8.5
FloRateIncPorIns	8.43	-0.76	-15.1	-5.6
GlblAlloc	15.72	-1.45	-18.7	-3.7
GlobLg/ShrtCrIns	9.28	-0.31	-6.5	1.0
HlthScOp	54.88	-5.90	-19.4	23.3
HYMuni	8.74	-0.76	-12.2	5.7
iShMSCIIntldx	9.47	-1.08	-31.7	-16.1
MdCpGrEq	22.99	-3.39	-23.7	28.0
MultiAstIncome	9.26	-0.77	-14.9	-0.6
NatlMuni	10.26	-0.50	-7.4	4.6
NYMUNIOPP	10.28	-0.57	-10.0	2.7
ScTechOppInst	30.13	-3.42	-17.6	59.5
StratIncOpptyIns	9.29	-0.32	-6.3	3.7
StratMuniOppI	10.81	-0.23	-7.8	5.8
TotRet	11.36	NA	NA	NA
BlackRock Funds R:				
Equity Div p	14.54	-1.87	-30.8	-10.0
GlblAlloc	14.79	-1.36	-18.7	-5.4
BMO Funds:				
CorePlBdI	11.30	-0.50	-4.4	7.6
IntrTaxFree I	10.75	-0.50	-5.8	5.7
IntTxFY n	10.76	-0.50	-5.8	5.1
UltrShtTxFrl	9.96	-0.10	-0.9	3.3
BNY Mellon Funds:				
Aprec pn	26.16	NA	NA	NA
CA AMTMuBdZ nr	14.07	NA	NA	NA
Dr500In tn	37.64	-4.72	-25.2	5.9
Dreyf n	9.63	-1.16	-22.5	9.2
DreyMid r Inv nr	20.87	NA	NA	NA
DynTotRetY	14.18	NA	NA	NA
FloRtIncY	9.65	NA	NA	NA
GblRealRtY	13.23	NA	NA	NA
GblRESecY	5.76	-1.70	-36.6	-18.8
GlbStkI	17.77	-1.61	-22.9	13.4
GlFxIncI	20.57	NA	NA	NA
HYldI	5.04	NA	NA	NA
InstS&PStkIdx I	44.89	NA	NA	NA
Interm n	12.92	NA	NA	NA
IntlSmCpY	8.35	-1.50	-41.0	-27.0
IntlStkI	16.53	-1.14	-21.9	8.8
IntlStkY	16.33	-1.13	-21.9	8.9
MunBd nr	11.13	NA	NA	NA
NewtonIntlEqY	14.75	-1.67	-30.6	-17.0
NY Tax nr	14.09	NA	NA	NA
ResrchGrA	12.15	-1.43	-20.0	17.9
ResrchGrZ n	12.45	-1.46	-19.9	18.6
SelMgrSmCpGroY	17.78	NA	NA	NA
SelMgrSmCpVaY	14.77	-1.99	-35.1	-23.7
SmCpStk r Inv nr	17.81	-2.55	-37.7	-23.1
SmMidCpGrI	18.80	-2.24	-25.0	20.0
StratValA r	23.57	-4.41	-37.4	-22.1
U.S.EqY	15.87	-1.82	NA	NA
WWGrA	41.96	-4.76	-22.4	12.0
BNY Mellon Funds Tru:				
BondFd	12.38	NA	NA	NA
EmgMkts	7.76	-1.50	-32.9	-16.2
IncomeStk	5.40	-1.06	-39.2	-21.9
IntlFd	9.08	-1.15	-32.5	-18.8
IntmBdFd	12.34	NA	NA	NA
MCMultiStrM	12.58	-2.04	-31.4	-8.9
NtlIntmMuni	13.02	-0.63	-5.9	5.3
NtlShTMuni	12.49	-0.28	-2.7	1.8
Boston Trust Walden:				
BostonBalanced	44.83	NA	NA	NA
Braddock Multi Strat:				
Income Fund	9.61	-0.59	-7.0	7.8
BrandesInstlE I :				
BrandesInstlE I	10.52	NA	NA	NA
Bridge Builder Trust:				
CoreBond	10.09	-0.45	-2.7	10.4
CorePlusBond	9.65	-0.52	-4.6	7.5
Intl Eq	8.32	-1.01	-30.6	-13.3
LargeCapGrowth	12.48	-1.45	-21.2	21.5
LargeCapValue	9.28	-1.48	-32.3	-11.0
MunicipalBond	9.92	-0.43	-5.6	5.8
S/MCapGrowth	10.34	-1.27	-27.9	4.0
S/MCapValue	7.70	-1.39	-37.7	-25.6
Bridgeway Funds:				
BluChip n	11.26	-1.29	-24.6	9.8
Brown Advisory Funds:				
GrowEqInv n	21.02	-2.42	-19.0	42.3
GrwthEquityInst	21.31	-2.45	-19.0	42.9
SmCapGrInv n	15.59	-2.27	-29.5	-0.2
BrownSmColnv n:				
BrownSmColnv n	74.80	NA	NA	NA
Buffalo Funds:				
DiscFd n	18.33	-2.31	-24.3	8.7
C				
Calamos Funds:				
Gr&IncA p	26.97	-3.13	-21.8	5.0
Gr&IncI	25.79	-3.02	-21.8	5.7
GrowthA p	22.55	-3.40	-27.6	3.6
MktNeutA p	12.64	-0.44	-6.2	4.2
MktNeutI	12.48	-0.44	-6.2	5.0
Calvert Investments:				
Bal A	29.04	-2.98	-17.1	7.5
Eq A p	44.46	-5.54	-19.4	35.2
Carillon Eagle:				
MdCpGrA p	47.01	-7.32	-28.7	7.6
Carillon Reams:				
CorePlBd I	30.96	-1.38	-4.3	7.8
UnconstrndBd I	10.98	-0.52	-8.5	-0.7
Carillon Scout:				
Intl I	11.84	-1.98	-36.9	-22.2
MidCap I r	13.26	-1.76	-30.2	-10.9
Causewaylnvst :				
Causewaylnvst	9.44	-1.62	-39.6	-30.1
Causewaylnv n:				
CausewayInv n	9.37	-1.60	-39.6	-30.5
CGM Funds:				
Realty n	14.37	-4.67	-44.0	-41.9
Chartwell:				
Income n	11.11	NA	NA	NA
CIBC Atlas:				
DispEq Inst	17.42	-2.14	-23.3	14.8
ClearBridge:				
AggressGrowthA	127.56	NA	NA	NA
AggressGrowthI	145.27	NA	NA	NA
AggressGrowthIS	147.19	NA	NA	NA
AllCapValueA	8.16	NA	NA	NA
AppreciationA	19.72	NA	NA	NA
AppreciationI	19.58	NA	NA	NA
AppreciationIS	19.65	NA	NA	NA
DividendStrat1 n	18.57	NA	NA	NA
DividendStratA	18.54	NA	NA	NA
DividendStratI	19.11	NA	NA	NA
LargeCapGrowthA	38.12	NA	NA	NA
LargeCapGrowthI	42.64	NA	NA	NA
LargeCapValueI	23.87	NA	NA	NA
MidCapA	22.26	NA	NA	NA
SmallCapGrowthA	23.07	NA	NA	NA
SmallCapGrowthI	25.10	NA	NA	NA
SmallCapGrowthIS	25.47	NA	NA	NA
SmallCapI	34.68	NA	NA	NA
Clipper:				
ClipperFd n	86.10	-12.61	-29.9	-10.3
Cohen & Steers:				
GlbRltyI	37.04	-10.05	-35.2	-14.1
InstlRlty	32.60	-8.29	-30.5	-5.4
IntlRltyI r	7.93	-2.15	-36.8	-11.1
PrefSecIncmA	10.96	-2.02	-22.5	-6.7
PrefSecIncmC	10.89	-2.01	-22.6	-8.5
PrefSecIncnI	10.99	-2.02	-22.4	-5.8
RltyIncA p	11.21	-3.07	-32.6	-9.6
RltyIncI	11.88	-3.26	-32.5	-8.9
RltyShs n	45.89	-11.77	-30.6	-6.2
Colorado BondShares:				
ColoradoBdShs	8.92	NA	NA	NA
Columbia Class A:				
AcornA t	8.31	-1.20	-29.0	-1.1
AMTTEBd	3.77	-0.23	-8.2	6.7
BalancedA t	36.26	-3.61	-16.5	5.2
BldrAggrsv	9.40	-1.18	-25.9	-4.1
BldrMod p	9.24	-0.86	-18.3	-0.1
ContCoreA p	20.25	-2.59	-24.2	3.3
DisplCoreA p	8.80	-1.13	-26.3	3.0
DivIncA t	18.42	-2.24	-24.6	4.4
DivOpptyA	6.41	-0.76	-28.2	-8.5
EqValA	8.85	-1.47	-33.1	-12.6
FocEqA t	14.85	-1.73	-20.0	21.5
Gbl Stgic Eq A p	11.11	-1.38	-27.6	-1.8
GlobTech	31.62	-5.15	-29.1	18.0
HiYldBd	2.41	-0.27	-18.8	-5.0
IncmBldr t	10.64	-0.83	-13.2	2.0
LgCpGrowA t	35.33	-3.71	-19.0	23.1
LgCpIdx pn	38.48	-4.83	-25.2	6.0
LgCpVl A	9.71	-1.44	-31.7	-12.2
LiGoBalA p	9.61	-1.04	-22.0	-1.5
MdCpIndxA pn	10.23	-1.78	-36.0	-21.2
MidCapGthA t	17.50	-2.17	-25.5	7.8
SelgComuInfoA	56.58	-9.29	-29.3	17.9
SelMidCpValA	6.92	-1.18	-38.6	-23.7
SmCpIdxA pn	14.61	-2.07	-37.6	-22.9
StrAlloc	11.70	-1.19	-19.0	-1.3
StratIncA	5.29	-0.43	-12.4	0.0
TaxEA	12.45	-0.78	-7.8	5.2
TotReBdA t	8.82	-0.47	-3.8	8.4
Columbia Class Adv:				
ContCore p	20.82	-2.67	-24.2	4.1
DivIncom	18.77	-2.28	-24.6	5.2
Columbia Class C:				
Balanced	36.18	-3.53	-16.7	2.8
ContCore p	18.10	-2.32	-24.3	1.0
DivInc t	17.78	-2.17	-24.7	2.1
Columbia Class I:				
Acorn I n	10.43	-1.51	-29.0	-0.4
AcornIntl I n	21.67	-4.12	-36.7	-16.4
AltBeta I	6.91	-0.21	-6.0	-24.2
Balanced I	36.17	-3.63	-16.5	5.9
ConSec I n	18.14	-1.58	-18.4	13.3
ContCore I	20.42	-2.61	-24.1	4.1
CorpIncm I	9.45	-0.89	-11.6	3.7
DivIncom I	18.45	-2.24	-24.5	5.2
DivOppty tn	6.45	-0.77	-28.2	-7.8
FlexCap n	10.09	-1.25	-25.7	-6.9
GlbTechGw I	32.96	-3.92	-20.0	41.7
HYMuni I	9.57	-0.78	-10.6	5.4
IntmMunBd I	9.91	-0.46	-5.5	5.3
LgCapGr	9.96	-1.22	-23.4	18.2
LgCpGrow I n	37.12	-3.89	-19.0	24.1
LgCpIdx I n	38.73	-4.86	-25.1	6.8
MdCpIdx I n	10.18	-1.77	-35.9	-20.6
MidCapGth I	19.20	-2.37	-25.5	8.6
SelComunInfo tn	63.01	-10.34	-29.3	18.8
SelMdCpVal I p pn	6.94	-1.19	-38.5	-23.0
SmCpIdx I n	14.71	-2.10	-37.6	-22.3
StratInc I	5.20	-0.43	-12.2	0.9
TaxEZ n	12.45	-0.78	-7.8	5.8
TotReBd I	8.82	-0.48	-3.8	9.1
USGvtMtg tn	5.50	-0.15	-0.8	11.2
USTrsIdx I	11.90	-0.11	5.0	15.1
Columbia Class I2:				
ContCore I2	20.80	-2.66	-24.1	4.4
DivIncom	18.75	-2.28	-24.5	5.4
MidCapIndx	10.41	-1.82	-36.0	-20.6
SmCapIndx	15.08	-2.15	-37.6	-22.3
Columbia Class I3:				
Balanced I3	36.54	-3.68	-16.5	6.3
ContCore I3 p	20.81	-2.67	-24.1	4.5
DivIncom	18.78	-2.29	-24.5	5.6
SelLgCpGr t	10.74	-1.31	-23.3	18.7
STBond	9.51	-0.38	-4.2	2.6
Columbia Funds:				
UltShortBd Inst3	8.90	-0.11	-1.1	4.8
Commerce Funds:				
Bond n	19.28	-1.03	-4.6	7.6
Community Capital Tr:				
CRAQualInvFd	10.60	-0.18	0.2	8.0
Credit Suisse Common:				
ComdtyRet r	3.56	NA	NA	NA
Cullen Funds:				
HiDivEqI r	11.72	NA	NA	NA
D				
Davenport:				
Davenport Core n	20.03	-2.90	-25.7	3.0
EqOpp n	15.40	-2.83	-28.0	6.3
Val&Incm n	11.97	-2.10	-32.4	-13.9
Davis Funds A:				
NYVen A	20.41	-2.97	-31.2	-8.8
Davis Funds C & Y:				
NYVenY	20.99	-3.05	-31.2	-8.1
Del Invest Instl:				
CorpBdI	5.27	NA	NA	NA
USGrw	18.90	-1.97	-19.1	18.0
Value	15.24	-1.85	-32.0	-13.4
Delaware Invest A:				
Diver Inc p	8.31	NA	NA	NA
GrEq A p	9.39	-0.99	-22.5	2.9
GroInA p	9.53	-1.14	-31.8	-14.3
OppA p	16.78	-3.31	-41.6	-27.8
SmCpValA p	35.34	-6.00	-42.1	-34.3
SMIDCapGrA p	19.19	-1.98	-22.7	31.1
TotRtA p	11.81	NA	NA	NA
TxExIncmA	8.68	NA	NA	NA
Deutsche DWS:				
CapGrth p	68.02	-8.34	-18.8	25.6
CapGrth n	68.85	-8.43	-18.8	26.5
CoreEq n	20.75	-2.68	-26.6	3.8
EqDivA	39.95	-5.52	-33.0	-6.6
GblIncBldA	7.71	-0.83	-20.8	-3.1
GblGrwS n	27.29	-2.79	-27.3	-7.8
GNMA S n	13.58	-0.20	-1.2	7.5
HiIncA	3.84	-0.47	-19.4	-5.0
HiYldTx n	11.00	-0.82	-9.4	3.4
IntTaxAMT n	11.18	-0.48	-5.1	4.9
MgdMuniA p	8.58	-0.46	-6.8	5.2
MgdMuniS n	8.59	-0.46	-6.8	5.7
S&P500S n	25.23	-3.16	-25.2	6.8
TechA	20.11	-2.10	-17.3	41.3
Diamond Hill Funds:				
CorpCrI	10.10	NA	NA	NA
LgCapA p	19.72	-3.07	-31.7	-9.5
LgCapI	19.86	-3.10	-31.6	-8.7
LgCapY	19.88	-3.10	-31.6	-8.4
LongShortI	19.50	NA	NA	NA
SmMidCapI	13.52	-2.48	-40.7	-30.3
Dimensional Fds:				
2TGlFxd	9.93	-0.02	0.2	5.8
5GlbFxdInc	10.72	-0.07	-0.1	7.4
CAIntrTrmMuniBd	10.23	-0.38	-4.5	2.2
CASTMuniBd	10.18	-0.10	-1.0	2.2
Cont	16.35	-3.07	-38.7	-23.7
DFARIEst	28.34	-7.48	-30.7	-8.8
EmgMkt	19.37	-3.74	-33.6	-19.9
EmgMktSoCoEq	9.27	-1.85	-34.6	-21.6
EmgMktVa	17.64	-3.74	-38.5	-30.7
EmMktCorEq	14.20	-2.87	-34.8	-23.1
EmMktSmCp	12.92	-3.06	-38.0	-30.7
Fixd	10.31	0.00	0.3	5.4
GblAll60 40Inst	15.10	-1.31	-20.2	-3.2
GlAll25 75Inst	12.50	-0.50	-9.1	2.6
GlEqInst	16.92	-2.44	-31.9	-12.2
GlRESec	7.57	-2.31	-35.8	-15.9
InfProtSec	11.44	-0.51	-5.1	4.2
IntGvFxdInc	13.37	-0.19	4.6	15.4
IntlCoreEq	8.84	-1.23	-36.0	-23.4
IntlREst	2.77	-1.09	-44.5	-28.8
IntlSustCore1	7.37	-0.93	-33.2	-17.2
IntlVal	10.62	-1.61	-40.1	-32.4
IntlVectorEq	7.53	-1.09	-38.4	-27.9
IntrLrgCpGroPor	9.98	-1.09	-28.1	-7.4
IntSmCo	11.58	-1.80	-38.7	-26.2
IntSmVa	11.40	-1.76	-41.1	-35.2
IntTermMuni	9.97	-0.35	-3.8	3.3
IntValII	9.09	-1.38	-40.1	-32.0
ITExQual	10.30	-0.80	-7.9	7.1
Japan	17.66	0.13	-28.9	-16.2
LgCo	18.56	-2.32	-25.1	7.3
LgCpIntl	15.94	-1.93	-32.7	-17.6
SclCrEqInst	8.34	-1.21	-37.1	-25.2
SelHdgGlFxd	9.41	-0.15	-1.8	6.3
STExQual	10.65	-0.13	-1.4	6.0
STGov	10.59	0.01	0.4	4.5
STMuniBd	10.10	-0.07	-0.6	2.7
TAUSCoreEq2	13.99	-1.94	-30.6	-7.8
TAWIdexUSCr	7.17	-1.17	-36.0	-24.0

About our Funds

The listings include the top 2500 open-end funds by assets. These funds value their portfolios daily and report net asset va lues (the dollar amount of their holdings divided by the number of shares outstanding) to the National Association of Securities Dealers. Total returns reflect both price changes and dividends; these figures assume that all distributions are reinvested in the fund. Because Lipper is constantly updating its database, these returns may differ from those previously published or calculated by others. 3 year returns are cumulative. The NAV is the last reported closing price for the week. Footnotes: **NA**: not available. **NE**: performance excluded by Lipper editor. NN: fund not tracked. **NS**: fund not in existence for whole period. **e**: ex capital gains distributions. **f**: previous day's quote. **n**: no front- or back-end sales charge. **p**: fund assets are used to pay marketing and distribution costs (12b-1 fees). **r**: fund levies redemption fee or back-end load. **s**: stock dividend or split of 25% or more. **t**: fund charges 12b-1 fees (for marketing and distribution) and a back-end load. **v**: capital-gains distribution may be a return of capital. **x**: ex cash dividend.

Mutual Funds

Data provided by LIPPER

Fund	NAV	Net Chg.	YTD % Ret.	3-Yr. % Ret.
TM IntVa	9.09	-1.45	-40.0	-32.2
TM US Sm	27.38	-3.84	-37.5	-26.8
TM USTgtVal	20.20	-3.65	-43.0	-36.0
TMMktwdVa	20.88	-3.43	-35.5	-17.4
TMMtVa2	19.33	-3.18	-35.5	-17.0
TMUSEq	25.58	-3.23	-26.3	4.1
US CoreEq1	18.25	-2.45	-29.6	-3.4
US CoreEq2	16.41	-2.23	-30.7	-8.1
US Micro	13.14	-1.78	-39.4	-28.1
US Small	21.84	-3.05	-37.7	-27.6
US SmCpVal	19.35	-3.42	-43.8	-39.2
US TgdVal	13.04	-2.30	-43.7	-37.5
USLCpGr	18.10	-1.97	-21.9	17.9
USLgVa	24.47	-4.20	-36.7	-20.2
USLgVaIII	16.49	-2.83	-36.7	-19.8
USSmCpGr	12.41	-1.86	-35.9	-20.0
USSoCoreEq2	12.07	-1.69	-31.5	-8.8
USSustCoreI	18.06	-2.34	-27.8	2.1
USVectorEq	12.34	-1.92	-37.0	-23.3
WexUSGov	10.19	-0.36	-0.5	15.8
WrdExUSTARGETVAL	7.71	-1.40	-41.1	-34.9
Dodge & Cox:				
Balanced n	75.02	-8.64	-26.2	-9.1
GblStock n	8.03	-1.15	-36.8	-23.6
Income n	13.23	-0.71	-5.7	6.9
Intl Stk n	27.02	-3.91	-38.0	-29.5
Stock n	127.18	-17.75	-34.4	-15.1
Domini Funds:				
Intl Eq Instit	5.45	-0.63	-32.0	-23.7
US Equity Inv pn	18.95	-2.12	-20.9	3.2
DoubleLine Funds:				
CoreFxdIncmI	10.60	NA	NA	NA
CorFxdIncN n	10.59	NA	NA	NA
EmgMktIncmI	8.90	NA	NA	NA
FlexibleIncmeI	8.87	NA	NA	NA
GlobalBondN	9.99	NA	NA	NA
InfraIncomeI	9.82	NA	NA	NA
LowDurBdI	9.72	NA	NA	NA
LowDurBdN n	9.71	NA	NA	NA
ShillerEnhCAPEI	11.17	NA	NA	NA
ShillerEnhCAPEN n	11.16	NA	NA	NA
TotRetBdI	10.58	NA	NA	NA
TotRetBdN n	10.57	NA	NA	NA
Driehaus Funds:				
EmMktsGr n	28.53	-4.69	-27.8	-2.5
Dupree Mutual Fds:				
KYTF n	7.53	-0.28	-3.9	7.6
E				
Eaton Vance Class A:				
AtlCpSMID p	21.82	NA	NA	NA
DivBldrA	11.50	-1.77	-26.0	4.2
FloatRt	7.61	NA	NA	NA
FltgRtAdvg p	8.40	NA	NA	NA
Inc Bos	4.57	-0.50	-18.1	-5.6
LgCpVal	14.13	-2.13	-32.4	-9.8
NatlMuniInc	9.47	-0.48	-5.8	8.0
ShDurGovIncFd	8.13	-0.02	1.2	6.3
ShDurStratIncFd	6.67	NA	NA	NA
TMG1.0 n	1020.14	NA	NA	NA
TMG1.1	45.67	NA	NA	NA
TMG1.2	20.53	NA	NA	NA
WW Hlth Science p	10.04	NA	NA	NA
Eaton Vance Class C:				
FltgRtAdvg p	8.38	NA	NA	NA
Eaton Vance Class I:				
AtlCpSMID	24.47	NA	NA	NA
FloatRtHiInc	7.42	NA	NA	NA
FltgRt	7.36	NA	NA	NA
GblMacAbR	8.17	NA	NA	NA
IncBos	4.57	-0.51	-18.0	-4.9
LgCpVal	14.19	-2.13	-32.4	-9.1
NatlMuniInc	9.47	-0.48	-5.7	8.8
ParEmMktsFdInst	9.43	-1.62	-35.2	-27.4
Eaton Vance Funds:				
ParTxMgdEmgMktIn	31.85	-5.36	-34.5	-26.3
Edgewood Growth Instituti:				
EdgewoodGrInst	30.93	-3.76	-19.7	32.2
F				
Fairholme:				
Fairholme n	16.49	-1.46	-16.8	-17.3
FAM Value:				
FAMValue n	57.53	-8.19	-28.8	-2.2
Federated A:				
EqIncA p	15.23	-2.31	-30.8	-17.8
FedMunULA pn	9.87	-0.10	-1.3	1.9
KaufmannA p	4.74	-0.39	-20.7	27.5
KaufmnLCA p	21.61	-2.61	-22.3	21.6
KaufmnSCA p	32.20	-3.88	-25.8	33.9
MunStkAdvA p	11.08	-0.95	-16.1	-2.7
StrValDivA p	4.01	-0.54	-29.1	-15.5
Federated C:				
StraValDivC p	4.02	-0.54	-29.2	-17.3
Federated Funds:				
IntEq IS p	16.62	-2.37	-33.8	-13.0
KaufmnSCI	32.78	-3.95	-25.7	35.8
StockTrA	19.11	-2.89	-31.8	-15.7
Federated Instl:				
BondIS	8.55	NA	NA	NA
FdFIRStIncIS	8.47	NA	NA	NA
GloFinI	23.92	-3.28	-32.8	-19.7
GovUltra	9.88	NA	NA	NA
InsHiYld r	8.21	NA	NA	NA
KaufmnLCIS	22.31	-2.69	-22.3	22.5
KaufmnR r	4.76	-0.39	-20.7	27.7
MDTSmCIS	12.26	-2.25	-38.9	-27.7
ShIntDurMuInst	9.89	-0.28	-3.9	1.8
StraValDivIS	4.03	-0.55	-29.1	-14.9
TtlRtnBdI	10.41	NA	NA	NA
UltraShortI	8.93	NA	NA	NA
FedMuniUl A	9.87	-0.10	-1.3	3.2
Federated IS:				
ShtIncIS	8.41	NA	NA	NA
Federated R6:				
FedInstHYBondL	8.21	NA	NA	NA
StrValL	4.04	-0.54	-29.1	-14.7
TtlRtnBdL	10.40	NA	NA	NA
Fidelity:				
500IdxInstPrem n	83.91	-10.48	-25.1	7.5
Contrafund K6	11.68	-1.17	-19.3	NS
EmgMktIdxInstPre n	7.66	-1.27	-30.2	-14.0
ExtMktIdxInstPre n	42.31	-7.14	-35.0	-15.1
FIDSerEmgMkt	6.51	-1.20	-33.3	NS
FIDSerTresIndxFd	10.05	0.01	0.8	NS
FIDZroExtMktIx n	6.33	-1.08	-37.3	NS
FIDZroLgCpIx n	8.43	-1.06	-25.0	NS
Flex 500 Index	10.30	-1.29	-25.1	7.5
Freedom2060K	9.04	-1.11	-27.3	NS
GlexUSIdxInstPre n	9.18	-1.23	-31.4	-15.9
GrowthCompanyK6	9.25	-0.88	-19.6	NS
HighIncome C	7.13	-0.86	-19.5	NS
InflPrBdIndInsPr n	9.66	-0.35	-4.1	5.1
IntlIdxInstPrem n	29.43	-3.39	-31.5	-15.8
IntlIndex r	7.11	-0.95	-31.8	NS
IntrTresBdIxPrem n	11.61	-0.08	5.2	NS
LgCpGwldInstPre n	13.95	-1.65	-20.3	27.5
LgCpVlIdxInstPrem n	9.01	-1.31	-31.8	-13.7
LTTrsBdIdxInstPr n	15.62	-0.41	11.3	NS
MidCpInxInstPrem n	15.81	-2.67	-33.1	-10.7
NewMkt I	12.18	-1.48	-18.4	NS
RealEstIdxInst n	10.82	-3.11	-36.1	-21.1
SAIUSLgCpIndxFd	12.93	-1.63	-25.2	7.3
SeriesOverseas	7.68	-0.95	-28.8	NS
SerLTTreBdIdx	9.76	-0.25	11.3	36.1
SmCpIdxInstPrem n	13.38	-1.90	-36.4	-20.4
STBdIdxInstPrem n	10.10	-0.10	0.7	NS
STTreIdx InstPre n	10.79	0.02	2.9	NS
TMktIdxInstPrem n	66.40	-8.72	-26.7	3.5
TotalMarketIndex n	8.30	-1.10	-26.8	NS
TtlIntIdxInstPr n	8.41	-1.17	-32.3	-17.0
USBdIdxInstPrem n	11.72	-0.38	-1.1	10.9
Fidelity Adv Focus A:				
HthCarA r	44.73	-4.10	-19.7	21.4
TechA t	48.00	-6.18	-18.5	45.2
Fidelity Adv Focus C:				
HthCarC p	34.98	-3.21	-19.8	18.7
Fidelity Advisor:				
SrsAdvIntlCapApp	17.90	-2.40	-25.8	6.2
StragInc n	10.69	-0.93	-13.7	NS
TotBdFdClZ	10.22	-0.56	-5.6	6.9
Fidelity Advisor A:				
AdvMdCpIIA p	12.15	-2.31	-37.1	-25.1
AdvStrDivInA p	11.76	-1.42	-23.3	-3.5
BalancA t	17.88	-1.79	-19.9	4.4
BioTech	22.85	-1.58	-17.8	7.5
DivIntlA	17.42	-2.29	-28.5	-8.2
EqGrA p/r t	9.89	-1.17	-20.1	27.9
EqInA	19.48	-3.02	-33.3	-17.7
FF2030A p	11.35	-1.14	-21.8	0.2
FltRateA r	7.59	-1.00	-19.3	-10.6
GrOppA	68.29	-8.74	-23.1	50.1
HiIncAdvA	8.59	-1.24	-24.4	-9.8
LevCoStA p	24.22	-5.14	-38.7	-26.5
NwInsghtA p	24.50	-2.60	-23.2	11.7
SmllCapA p	15.43	-2.43	-35.0	-20.8
StkSelMC p	22.33	-4.13	-37.2	-17.1
StrInA	10.54	-0.92	-13.8	-2.0
TotalBdA p	10.24	-0.56	-5.7	5.7
Fidelity Advisor C:				
BalancC	17.73	-1.78	-20.1	2.1
GrOppC p	57.49	-7.37	-23.2	46.7
NwInsghtC t	20.59	-2.19	-23.3	9.1
StrInC t	10.52	-0.91	-13.9	-4.1
Fidelity Advisor Fun:				
IntlGrwZ	11.78	-1.56	-26.0	4.2
Fidelity Advisor I:				
BalancI	18.28	-1.82	-19.9	5.2
BiotechI	24.39	-1.69	-17.7	8.4
ConsvIncmMuni I	9.95	-0.08	-0.8	3.5
DivIntl	17.72	-2.33	-28.5	-7.4
EqGrI	11.05	-1.31	-20.0	28.9
FAInvGrdI	7.84	-0.37	-3.8	8.7
FF2030	11.42	-1.15	-21.8	0.9
FF2040	11.18	-1.38	-27.1	-3.6
FltRateI	7.57	-1.00	-19.3	-10.0
GrOppI	74.31	-9.51	-23.0	51.3
HiIncAdvI	8.04	-1.16	-24.4	-9.2
HthCarI r	48.89	-4.48	-19.6	22.4
IntlGr	11.76	-1.57	-26.0	3.8
IntlSmCp	18.35	-2.66	-35.1	-18.8
LmtdTrmBdFd	11.23	-0.38	-3.3	4.6
MuniIncI r	10.04	-0.44	-5.3	6.0
MuniIncome	12.44	-0.68	-6.5	NS
NwInsghtI	25.14	-2.68	-23.1	12.5
REIncmInst	9.39	-1.77	-24.5	-7.1
SmCapGrwI	19.09	-2.75	-30.4	7.1
StrInI	10.69	-0.93	-13.7	-1.2
Total Bd	10.22	-0.56	-5.6	6.5
Fidelity Advisor M:				
Balanced p	18.11	-1.81	-19.9	3.7
EqGr p	9.64	-1.14	-20.1	27.0
EqIn p	20.03	-3.10	-33.3	-18.3
GrOppM p	67.47	-8.63	-23.1	49.0
NwInsghtM p	23.45	-2.50	-23.2	10.8
SmllCapM p	13.97	-2.20	-35.1	-21.4
StkSelMC	22.51	-4.18	-37.3	-17.7
StrInM p	10.54	-0.92	-13.7	-1.9
Fidelity Advisor Z:				
FloatRateHighInc	7.58	-1.00	-19.2	NS
GrOpp	75.04	-9.59	-23.0	51.8
IntCpAp	17.92	-2.40	-25.8	6.6
InvestGradeBd	7.85	-0.37	-3.8	NS
NewMktsIncFdZ	12.18	-1.47	-18.4	NS
RE Income	9.39	-1.77	-24.5	NS
StrgInc	10.70	-0.93	-13.7	NS
Fidelity Freedom:				
FAFree2020I p	11.03	-0.90	-17.5	2.5
FAFree2025I	10.91	-0.98	-19.3	1.6
FAFree2035I	10.66	-1.23	-25.4	-1.6
FAFree2045A	8.67	-1.07	-27.1	-4.3
FF2005 n	11.17	-0.60	-10.3	5.2
FF2010 n	13.60	-0.85	-12.9	4.2
FF2015 n	10.90	-0.79	-15.4	3.0
FF2020 n	13.35	-1.09	-17.6	1.7
FF2020A p	10.93	-0.90	-17.6	1.7
FF2025 n	11.54	-1.03	-19.4	0.8
FF2025A p	10.80	-0.98	-19.4	0.8
FF2030 n	13.91	-1.39	-22.0	-0.2
FF2035 n	11.24	-1.29	-25.6	-3.0
FF2035A t	10.57	-1.23	-25.4	-2.4
FF2040 n	7.70	-0.94	-27.3	-5.0
FF2040A p	11.10	-1.37	-27.1	-4.2
FF2045 n	8.75	-1.07	-27.3	-5.0
FF2050 n	8.82	-1.07	-27.2	-4.9
FrdmBlen2025 K6	8.54	-0.75	-18.8	NS
Free2045L	8.73	-1.08	-27.1	-3.6
Free2050I	8.72	-1.08	-27.1	-3.6
Free2055 n	10.05	-1.23	-27.3	-4.9
Freedom2010 K	13.59	-0.85	-12.8	NS
Freedom2015 K	10.88	-0.79	-15.4	NS
Freedom2015 K6	10.86	-0.78	-15.4	NS
Freedom2020 K	13.34	-1.09	-17.7	NS
Freedom2020K6	13.31	-1.08	-17.6	NS
Freedom2025 K	11.52	-1.03	-19.4	NS
Freedom2025K6	11.50	-1.03	-19.4	NS
Freedom2030 K	13.90	-1.39	-21.9	NS
Freedom2030K6	13.87	-1.39	-21.9	NS
Freedom2035 K	11.22	-1.29	-25.5	NS
Freedom2035K6	11.21	-1.29	-25.5	NS
Freedom2040 K	7.70	-0.94	-27.2	NS
Freedom2040K6	7.68	-0.93	-27.2	NS
Freedom2045 K	8.74	-1.07	-27.3	NS
Freedom2045K6	8.72	-1.07	-27.3	NS
Freedom2050 K	8.80	-1.08	-27.3	NS
Freedom2050K6	8.79	-1.08	-27.2	NS
Freedom2055 K	10.04	-1.23	-27.3	NS
Freedom2055K6	10.03	-1.22	-27.2	NS
Freedom2060 n	9.05	-1.11	-27.3	-5.0
FundK	40.71	-4.99	-19.7	18.3
Idx2015InsPre	12.01	-0.79	-13.3	6.3
Idx2020InsPre	12.58	-0.95	-15.6	5.1
Idx2025InsPre	13.61	-1.13	-17.4	4.2
Idx2030InsPre	13.67	-1.30	-20.1	3.5
Idx2035InsPre	14.02	-1.55	-23.8	0.7
Idx2040InsPre	13.56	-1.62	-25.7	-1.2
Idx2045InsPre	14.07	-1.68	-25.7	-1.2
Idx2050InsPre	14.09	-1.68	-25.7	-1.2
Idx2055InsPre	11.58	-1.38	-25.7	-1.2
Idx2055Investor	11.56	-1.39	-25.8	-1.4
Income n	10.71	-0.50	-8.5	5.2
Income K	10.69	-0.50	-8.5	NS
Fidelity Invest:				
AdvSrsGroOpport	9.90	-1.30	-23.6	54.5
AggrInt n	16.98	-2.31	-26.0	6.4
AilSectEq	7.22	-0.93	-26.0	4.2
AMgr20% n	12.30	-0.69	-9.5	3.5
AMgr50% n	15.35	-1.39	-17.6	1.0
AMgr70% n	17.58	-1.96	-22.6	-1.4
AMgr85% n	14.92	-1.86	-25.7	-2.5
AstMgr30R n	9.95	-0.69	-12.5	2.8
Balanc n	19.64	-1.99	-20.2	5.5
BalancedK	19.64	-1.99	-20.2	5.7
BluCh n	84.09	-10.10	-21.9	29.0
BluChpGr K6	11.79	-1.37	-21.7	NS
BluChpGrK	84.29	-10.13	-21.9	29.4
CALmtTrmTFB n	10.29	-0.32	-4.0	2.7
CAMun n	12.39	-0.59	-5.9	7.1
Canad nr	35.27	-5.34	-33.1	-18.4
CapAp n	26.03	-3.35	-23.1	10.1
CapApprK	26.10	-3.35	-23.1	10.5
CapDevO n	11.22	-1.34	-30.0	-5.8
ChinaReg n	32.55	-3.66	-17.7	21.0
CnvSc n	25.35	-2.05	-18.8	9.6
Contra n	11.02	-1.09	-19.1	23.2
ContraK	11.03	-1.09	-19.1	23.5
CorpBd n	10.85	-1.04	-10.1	6.5
CpInc nr	7.68	-1.11	-24.4	-9.0
DisEq n	31.26	-3.96	-21.9	5.7
DivGrowK	20.31	-3.28	-34.3	-10.6
DivGth n	20.33	-3.29	-34.4	-11.0
DivIntl n	29.13	-3.75	-28.1	-7.1
DivIntl K6	8.37	-1.06	-27.7	NS
DivIntlK r	29.07	-3.74	-28.0	-6.8
DivStkO n	20.84	-2.26	-21.2	8.0
Emerg Asia nr	36.34	-5.16	-20.0	14.8
EmrgMktK r	25.93	-3.88	-25.8	6.4
EmrgMktsDebt	7.68	-0.96	-19.0	-8.5
EmrMkt nr	25.92	-3.89	-25.9	6.0
Eq Inc n	44.30	-4.96	-26.7	-6.5
EqDivIncm n	17.30	-2.66	-32.7	-14.9
EqIncK	44.27	-4.96	-26.7	-6.2
Europ nr	24.36	-3.64	-32.8	-15.0
Export n	13.95	-2.38	-36.2	-15.0
Fidel n	40.73	-4.98	-19.7	18.0
FltRateHi nr	7.58	-1.00	-19.3	-9.9
FocsdStk n	20.56	-2.68	-21.1	32.0
FournOne n	36.95	-4.10	-24.6	-0.6
GNMA n	11.43	-0.15	-0.5	7.8
GovtInc n	10.77	-0.12	3.2	12.8
GroCo n	17.17	-1.65	-19.6	31.7
GroInc n	30.04	-3.43	-28.9	-5.8
GrowCoK	17.20	-1.65	-19.6	32.1
GrowIncK	30.02	-3.42	-28.9	-5.5
GrStrt nr	38.06	-5.73	-23.9	8.2
GwthDiscovery n	31.72	-3.78	-20.2	27.9
HighInc nr	7.13	-0.86	-19.5	-4.8
Indepndnc n	29.27	-3.72	-20.0	16.0
IntBd n	10.79	-0.36	-2.0	7.5
IntlCapiApp K6	9.66	-1.30	-25.7	NS
IntlDisc n	31.85	-4.51	-29.9	-9.5
IntlEnhIdx n	6.66	-0.79	-31.3	-18.5
IntlGrRet n	11.79	-1.57	-26.0	3.7
IntlScOpps nr	14.39	-1.39	-30.1	-3.0
IntlSmCap nr	18.23	-2.65	-35.1	-18.8
IntMu n	10.03	-0.43	-5.2	6.2
InvGB n	7.83	-0.37	-3.9	8.8
InvGrBd	10.98	-0.54	-4.5	8.6
JpnSmCo nr	12.44	-0.23	-27.8	-6.8
LargeCap n	23.33	-2.84	-30.5	-6.6
LatinAm nr	13.85	-4.02	-52.9	-31.7
LCapCrEldx n	12.55	-1.55	-23.8	7.7
LCapGrEldx n	17.35	-1.98	-19.3	20.3
LevCoSt n	20.18	-4.17	-37.8	-20.6
LgCpVHIdx n	9.55	-1.34	-30.3	-11.3
LmtTrmMuniIncm n	10.27	-0.32	-3.6	3.2
LowP nr	32.91	-5.31	-34.2	-14.7
LowPriStkK r	32.87	-5.31	-34.2	-14.5
LowPriStkK6	8.10	-1.24	-32.9	NS
LtdTmBdFd n	11.22	-0.39	-3.4	4.8
MagellanK	8.15	-1.04	-19.9	17.5
Magin n	8.16	-1.05	-20.0	17.2
MAMun n	11.69	-0.49	-5.4	6.9
Manager40 n	10.20	-0.80	-14.9	2.2
Manager60 n	10.38	-1.06	-20.2	-0.3
McpVl n	14.54	-2.73	-37.2	-29.2
MegaCpStk n	11.03	-1.30	-28.9	-3.0
MidCap n	23.99	-4.02	-33.0	-11.4
MidCapEnIdx nr	10.22	-1.77	-33.6	-15.7
MidCapStkK r	24.01	-4.01	-32.9	-11.1
MIMun n	11.82	-0.51	-4.7	8.3
MNMun n	11.28	-0.46	-4.8	6.8
MtgSec n	11.11	-0.26	-1.8	7.9
MuniInc n	12.45	-0.68	-6.5	8.4
NASDAQ nr	89.84	-9.08	-20.3	24.1
NewInsights Z	25.17	-2.68	-23.1	12.9
NewMill n	25.51	-3.59	-32.1	-9.3
NewMkt nr	12.18	-1.47	-18.4	-11.4
NJMun nr	11.44	-0.56	-6.3	9.9
NYMun n	12.66	-0.61	-5.6	7.0
OHMun n	11.67	-0.53	-5.2	7.6
OTC n	10.22	-1.14	-20.1	33.4
OTC K	10.40	-1.15	-20.1	33.9
OverseasK r	36.64	-4.57	-29.1	-6.5
Ovrse n	36.73	-4.58	-29.1	-6.8
PAMun nr	10.76	-0.47	-4.9	8.2
PcBas nr	26.12	-3.23	-24.4	5.3
PuritanK	18.87	-1.77	-17.0	8.7
Puritn n	18.88	-1.78	-17.0	8.4
RealE n	30.62	-8.10	-31.8	-13.5
RealEstInc nr	9.43	-1.77	-24.5	-7.0
REInc n	8.67	-1.42	-22.0	-4.1
SAIIntlMinVolInd	8.45	-0.58	-24.1	-4.8
SAILTTreBdIdx	12.19	-0.34	11.4	37.4
SAISm-MidCap500I	8.31	-1.50	-35.4	-14.7
SAIUSMinVolIndFd	11.81	-1.50	-22.4	11.9
SAIUSQtyIdx	11.61	-1.40	-20.9	19.8
SCEnhIdx n	8.06	-1.29	-38.3	-29.5
SmallCap nr	10.75	-2.81	-40.7	-25.1
SmCapDisc n	13.34	-2.71	-42.4	-33.0
SmlCapO n	9.26	-1.32	-33.9	-13.9
SmlCpGrth nr	19.04	-2.74	-30.4	7.1
SmlCpGrth K6	10.34	-1.46	-30.2	NS
SmlCpVal nr	9.63	-1.45	-37.1	-28.5
Srs1000ValIndRet	8.94	-1.30	-31.8	-13.7
SrsBlChGroRetail n	11.60	-1.43	-22.8	31.9
SrsCommStrt	3.62	-0.26	-23.9	-24.6
SrsEmrgMkt	14.27	-2.50	-30.8	-7.8
SrsGlobal	9.04	-1.20	-31.4	-15.7
SrsGroCoRetail	14.28	-1.38	-19.5	34.9
SrsIntlGrw	12.99	-1.73	-25.9	6.7
SrsIntlSmCp	11.93	-1.30	-31.1	-4.3
SrsIntlVal	6.15	-0.92	-37.9	-29.2
SrsSmCapDiscRet	6.87	-1.36	-41.0	-27.1
STBF n	8.55	-0.16	-1.3	5.0
StkSelSmCp n	17.11	-2.47	-32.9	-13.3
StkSlcACap n	35.17	-4.57	-26.6	2.7
StratDivInc n	11.85	-1.43	-23.3	-2.6
StrDivIncl	11.81	-1.43	-23.3	-2.7
TaxFrB nr	11.06	-0.60	-6.6	8.4
TotalBond n	10.23	-0.56	-5.7	6.5
TotalBond K6	9.54	-0.55	-6.3	NS
Trend n	86.76	-10.17	-18.9	27.1
Utility n	21.56	-1.96	-21.9	4.6
Value n	6.30	-1.25	-43.1	-31.7
ValueDisc n	20.46	-3.22	-32.4	-17.6
ValueK	6.31	-1.25	-43.1	-31.5
Wrldw n	21.35	-2.83	-24.7	11.3
Fidelity SAI:				
FidSAIEmgMktIndx	10.01	-1.66	-30.3	-14.0
FidSAIIntlIndxFd	8.44	-0.97	-31.5	-16.0
IntlValIdx	5.91	-0.75	-36.9	NS
Muni Inc	9.93	-0.52	-6.6	NS
SAIEmgMktLoVolIx	7.20	-1.07	-29.7	NS
SAIInflaFocFd	7.82	-0.57	-25.8	NS
TotalBd	9.79	-0.56	-6.2	NS
TxFreeBd	9.89	-0.55	-7.1	NS
U.S.TreBdIdx	10.57	-0.05	5.2	15.7
USMomentumIdx	11.15	-1.47	-20.9	15.3
USValueIndex	6.88	-1.10	-36.5	NS
Fidelity Selects:				
Biotech nr	17.12	-1.52	-22.5	2.2
Chem nr	8.29	-1.00	-33.0	-33.6
Comp nr	64.61	-6.98	-22.9	19.0
ConStap nr	70.91	-5.72	-19.6	-8.8
DfAero nr	10.96	-2.58	-40.2	-7.2
Energy nr	14.59	-3.55	-59.1	-64.5
FinSvc nr	6.66	-1.33	-38.7	-19.6
Gold nr	18.50	1.09	-24.1	-10.4
Health nr	22.98	-2.10	-19.7	24.7
HlthCareSrvPt r nr	80.29	-15.28	-23.4	15.7
Ind n	23.65	-3.77	-32.9	-16.0
ITSvs n	57.61	-9.96	-23.4	41.0
Leisr nr	9.12	-2.22	-41.7	-14.0
MdTchDevis n	46.10	-5.87	-23.4	27.9
Multimedia nr	49.88	-4.32	-22.2	2.1
Pharm n	19.25	-1.36	-17.4	19.3
Retail nr	12.74	-1.55	-24.4	17.5
Semiconductors r nr	8.59	-1.38	-31.4	23.7
Softwr nr	16.42	-1.79	-17.2	48.8
Tech nr	16.23	-2.10	-18.4	44.5
UtilGr nr	72.75	-7.69	-24.3	10.0
Fidelity Series:				
Canada	7.33	-1.26	-35.1	NS
FASeriesEqGroFd	11.35	-1.35	-19.9	32.1
IntMuni Z	10.05	-0.43	-5.2	NS
STCrFd	9.76	-0.26	-2.6	5.2
Fiera Capital:				
EmgMkt Inst	33.72	-7.37	-31.2	-17.3
First Eagle Funds:				
GlbA	43.22	-3.85	-25.4	-12.0
OverseasA	18.16	-1.40	-24.2	-14.4
US Val A t	13.28	-1.28	-26.2	-10.3
US Val I r	13.54	-1.30	-26.1	-9.5
FMI Funds:				
ComStkInvst n	18.02	-2.55	-31.4	-14.4
IntlInvst n	21.04	-3.01	-35.0	-24.7
LgCapInvst n	14.14	-1.97	-28.4	-4.8
FPA Funds:				
FPACres n	25.23	-3.61	-25.4	-12.1
NwInc n	9.84	-0.18	-1.0	7.5
Franklin A1:				
AZ TF A1 p	10.53	NA	NA	NA
CA TF A1 p	7.01	NA	NA	NA
CAHY A1 p	10.19	NA	NA	NA
CAInt A1 p	11.65	NA	NA	NA
Fed TF A1 p	11.29	NA	NA	NA
FedInt A1 p	11.52	NA	NA	NA
FedL T TF A1	10.15	NA	NA	NA
HiInc A1	1.56	NA	NA	NA
HY TF A1 p	9.36	NA	NA	NA
IncomeA1 p	1.82	NA	NA	NA
MIInsTF A1 p	11.13	NA	NA	NA
MNInsTF A1 p	11.79	NA	NA	NA
MO TF A1 p	11.21	NA	NA	NA
NC TF A1 p	11.30	NA	NA	NA
NJ TF A1 p	11.02	NA	NA	NA
NY TF A1 p	10.45	NA	NA	NA
OHInsTF A1 p	12.29	NA	NA	NA
OR TF A1 p	11.07	NA	NA	NA
PA TF A1 p	9.51	NA	NA	NA
US Gov A1 p	6.00	NA	NA	NA
Utils A1 p	17.96	NA	NA	NA
Franklin Templeton:				
TgtGroA p	14.23	NA	NA	NA
TgtModA p	12.47	NA	NA	NA
FrankTemp/Frank Adv:				
CA HY Adv t	10.22	NA	NA	NA
CA IntAdv	11.68	NA	NA	NA
CA TF Adv t	7.00	NA	NA	NA
CvtScAdv	17.14	NA	NA	NA
Dynat Adv	74.63	NA	NA	NA
Fed TF Adv	11.31	NA	NA	NA
FedIntAdv	11.55	NA	NA	NA
FlRtDAAdv t	7.09	NA	NA	NA
GrOpAdv p	33.92	NA	NA	NA
Growth Adv t	86.69	NA	NA	NA
HY TF Adv	9.41	NA	NA	NA
IncomeAdv	1.80	NA	NA	NA
RisDv Adv r	51.48	NA	NA	NA
SmCpGrAdv p	14.84	NA	NA	NA
SmCpValAdv t	30.21	NA	NA	NA
StrInc Adv p	8.41	NA	NA	NA
TtlRtnAdv	9.13	NA	NA	NA
USGovAdv p	6.02	NA	NA	NA
Utils Adv	18.11	NA	NA	NA
FrankTemp/Franklin A:				
BAL A t	10.21	NA	NA	NA
BalInv p	20.52	NA	NA	NA
BioDis A p	118.34	NA	NA	NA
CoreAll A p	14.73	NA	NA	NA
CvtSc A p	17.15	NA	NA	NA
DynaTech A p	72.14	NA	NA	NA
EqIn A p	18.99	NA	NA	NA
FlRtDA A p	7.09	NA	NA	NA
FoundFAlA p	10.38	NA	NA	NA
FSmCoSer r	13.34	NA	NA	NA
GoldPrM A p	12.19	NA	NA	NA
GrOp B p	31.01	NA	NA	NA
Growth A p	86.49	NA	NA	NA
LwDuToRt A	8.93	NA	NA	NA
RisDv A p	51.52	NA	NA	NA
SmCpGr A p	13.52	NA	NA	NA
SmCpVal A p	28.48	NA	NA	NA
SmMCpGrA p	24.01	NA	NA	NA
StrInc A p	8.40	NA	NA	NA
TgtCon A p	12.18	NA	NA	NA
TtlRtn A p	9.07	NA	NA	NA
FrankTemp/Franklin C:				
CA TF C t	7.00	NA	NA	NA
DynaTech C p	59.44	NA	NA	NA
Fed TF C t	11.29	NA	NA	NA
Growth C t	78.39	NA	NA	NA
Income C t	1.84	NA	NA	NA
RisDv C t	50.46	NA	NA	NA
StrInc C p	8.40	NA	NA	NA
Utils C t	17.86	NA	NA	NA
FrankTemp/Franklin R:				
FrkDynTchR6	75.44	NA	NA	NA
FrkGrthR6	86.60	NA	NA	NA
FrkIncR6	1.80	NA	NA	NA
FrkRisDivR6	51.49	NA	NA	NA
FrkSmCpGrR6	15.11	NA	NA	NA
FrkTotRtnR6	9.13	NA	NA	NA
MutShrR6	17.94	NA	NA	NA
TempGlbBndR6	10.17	NA	NA	NA
TmpGlbTotRtnR6	10.40	NA	NA	NA
TmpGrthR6	16.41	NA	NA	NA
TmpFrgnR6	4.63	NA	NA	NA
FrankTemp/Mutual A&B:				
Beacn A	10.91	NA	NA	NA
Shares A	17.74	NA	NA	NA
FrankTemp/Temp A:				
DvMk A p	15.16	NA	NA	NA
Frgn A p	4.72	NA	NA	NA
GlBond A p	10.22	NA	NA	NA
GlSmCo A p	6.02	NA	NA	NA
Growth A p	16.42	NA	NA	NA
World A p	10.19	NA	NA	NA
FrankTemp/Temp Adv:				
Frng Adv	4.64	NA	NA	NA
GlBondAdv p	10.17	NA	NA	NA
TGlTotRAdv	10.41	NA	NA	NA
FrankTemp/Temp B&C:				
GlBond C p	10.25	NA	NA	NA
Frost Family of Fund:				
FrTRInst	9.65	-0.42	-6.2	3.4
FrTRIS pn	9.64	-0.43	-6.3	2.5
G				
Gabelli Funds:				
ABC pn	9.33	-0.37	-8.6	-2.4
Asset pn	38.87	-4.08	-29.4	-9.4
GabelliAsstFdCll	38.77	-4.07	-29.3	-8.7
SmCapG n	30.56	-4.09	-35.0	-23.9
SmCpGrwl	31.45	-4.21	-34.9	-23.3
TETONWstMMFdl	17.45	-2.34	-35.2	-25.4
Util A p	6.98	-0.52	-21.3	-4.7
Util C t	4.34	-0.32	-21.4	-6.8
GAMCO Funds:				
GwthAAA pn	54.82	-6.52	-16.7	35.1
Gartmore Funds:				
NationwideInstSv	17.14	NA	NA	NA
Gateway:				
GatewayA	30.58	-1.39	-11.8	-0.5
GE Elfun/S&S:				
RSPIncm n	11.33	NA	NA	NA
RSPUSEq n	43.78	-5.29	-23.6	9.0
Tax Ex n	10.88	-0.46	-5.0	6.9
Trusts n	47.71	-5.99	-23.2	14.8
Glenmede Funds:				
CorFxd n	11.14	-0.32	-0.4	10.0
SmCpEqAdv n	15.05	-2.57	-41.7	-34.1
GMO Trust Class II:				
EmergMkt r	24.34	NA	NA	NA
GMO Trust Class III:				
EmgCntryDt r	22.74	NA	NA	NA
Quality	19.43	-2.02	-21.6	21.7
GMO Trust Class IV:				
EmgCntrDt	22.70	NA	NA	NA
IntlEq	14.81	-2.05	-32.9	-21.6
Quality	19.47	-2.02	-21.6	21.9
GMO Trust Class VI:				
EmgMkts r	24.16	NA	NA	NA
Quality	19.44	-2.01	-21.5	22.1
Goldman Sachs A:				
CapGr	17.95	NA	NA	NA
HYMuni p	9.51	NA	NA	NA
MidCapVal p	21.77	NA	NA	NA
Muni	15.38	NA	NA	NA
SmCap	29.91	NA	NA	NA
Goldman Sachs Inst:				
EmgMEq	17.06	NA	NA	NA
Gr	25.97	NA	NA	NA
HYMuni	9.51	NA	NA	NA
Int	8.59	NA	NA	NA
Muni	15.37	NA	NA	NA
ShDuTF	10.54	NA	NA	NA
SmCapVa	32.75	NA	NA	NA
Gotham:				
AbsRt Inst	12.12	NA	NA	NA
GothamIdxPl Inst	11.76	NA	NA	NA
Guggenheim Funds Tru:				
FloRaStraFdInst	21.11	-2.31	-15.9	-7.5
MacOppFdClInstl	24.55	-0.69	-4.0	2.3
TotRtnBdFdClInst	27.22	-0.70	0.8	12.2
TotRtnBondFdClA	27.21	-0.70	0.8	11.2
GuideStone Funds:				
AggrAllGS4 n	8.51	NA	NA	NA
BalAllGS4 n	10.10	NA	NA	NA
EqindxGS2	26.52	NA	NA	NA
EqIndxGS4 n	26.52	NA	NA	NA
GrAllGS4 n	9.40	NA	NA	NA
GrEqGS2	21.20	NA	NA	NA
GrEqGS4 n	21.02	NA	NA	NA
IntEqGS2	9.21	NA	NA	NA
LowDurGS2	13.23	NA	NA	NA
MedDurGS2	14.41	NA	NA	NA
ValEqGS2	12.84	NA	NA	NA
H				
Harbor Funds:				
Bond	11.29	-0.52	-3.4	8.7
CapApInst	61.17	-6.31	-19.2	31.7
CapApInv pn	58.22	-6.01	-19.3	30.3
IntlInst r	26.84	-3.21	-33.0	-23.5
LgCpValue	12.41	-1.69	-28.7	-2.0
SmCpValInst	21.76	-3.95	-37.7	-21.9
Harding Loevner:				
EmgMktsAdv	39.96	NA	NA	NA
IntlEq	17.04	NA	NA	NA
Hartford Funds A:				
BalIncA	12.19	-1.30	-18.4	0.4
CapAppA p	26.67	-3.92	-28.7	-1.4
Chks&Bal p	7.43	-0.78	-21.0	1.8
DiscpEqA p	26.59	-3.21	-23.9	13.0
DivGth A p	19.01	-2.64	-28.3	-3.3
EqInc t	14.22	-1.83	-27.6	-6.4
FltRateA t	6.75	-0.92	-19.8	-11.5
GrOppty t	30.55	-3.34	-22.4	19.5
GrowAllA p	9.56	-1.10	-25.7	-5.8
Hlthcare	29.39	-3.24	-22.0	7.9
MidCap A p	21.29	-3.04	-30.3	-1.5
Muti-AstIncGw	17.14	-1.65	-15.9	0.8
ShtDur	9.16	-0.52	-7.4	0.2
TotRBdA p	9.97	-0.59	-5.6	7.2
Hartford Funds C:				
Bal IncC	11.99	-1.27	-18.4	-1.8
MidCapC t	14.21	-2.02	-30.4	-3.7
Hartford Funds I:				
BalIncI	12.20	-1.30	-18.3	1.1
CapAppI	26.81	-3.93	-28.7	-0.6
DivGthI	18.91	-2.63	-28.3	-2.5
EmrgMktEqInv r	11.75	-1.85	-29.2	-8.5
EqIncI	14.13	-1.83	-27.6	-5.8
FltRateI	6.75	-0.92	-19.7	-10.6
GrowOppI t	32.65	-3.57	-22.4	20.5
InterValue	8.70	-1.19	-42.2	-34.9
MidCap	22.12	-3.15	-30.3	-0.7
MunOpptI	8.30	-0.43	-6.2	7.3
WorldBond	10.15	-0.32	-4.1	5.9
Hartford Funds Y:				
DivGthY	19.56	-2.72	-28.3	-2.3
IntlValY	8.90	-1.22	-42.2	-34.8
IntOppY	11.98	-1.72	-30.5	-17.3
MidCapY	26.39	-3.75	-30.3	-0.5
WorldBond	10.18	-0.32	-4.1	6.1
Hartford HLS Fds IA:				
Balanced	24.07	-2.68	-20.5	2.5
CapApp	33.61	-4.62	-27.0	1.0
DiscEqui	12.09	-1.48	-24.3	13.0
Div&Grwth	15.71	-2.24	-28.8	-2.7
GrwthOpp	27.59	-2.99	-22.1	21.7
IntOpp	11.46	-1.67	-30.8	-17.3
MidCap	26.62	-3.78	-30.3	-0.5
SmallCo	13.91	-1.94	-32.0	5.0
SmCpGrwth	19.62	-3.06	-34.0	-10.0
Stock	70.82	-8.88	-23.5	13.0
TotRetBd	10.70	-0.69	-6.5	7.2
Heartland Funds:				
Val Inv n	23.39	-3.09	-39.3	-30.4
Hennessy Funds:				
FocInst	52.70	-14.22	-35.8	-10.6
FocInv	51.00	-13.76	-35.8	-11.6
GasUtilIndInv	21.46	-2.16	-25.0	-10.6
JapanInst	30.20	-0.86	-23.5	6.0
Homestead Funds:				
ShtTmBd n	5.20	-0.07	-0.3	6.5
Value n	35.71	-5.51	-30.7	-3.7
Hotchkis and Wiley:				
HiYld	9.21	-1.06	-19.1	-10.0
MidCpVal	15.77	-3.73	-51.9	-53.1
ValOppI	18.56	-2.54	-36.0	-21.0
I				
ICM Small Company:				
ICMSmCo	17.52	-2.55	-39.6	-26.8
IFP US Equity Fund:				
IFP US EquityFd	14.50	NA	NA	NA
INVESCO A Shares:				
AmValA	20.59	-4.05	-40.4	-31.3
Invesco Fds Investor:				
DivrsDiv n	14.58	-1.87	-29.8	-14.9
GlHltCr pn	32.01	-3.21	-23.7	6.4
Tech n	39.62	-4.08	-20.1	28.6
Invesco Funds:				
SteelPthMLPSlt40	2.66	-0.81	-61.4	-64.5
Invesco Funds A:				
500IndxA p	25.70	-3.22	-25.2	5.6
ActiveAllA	10.57	NA	NA	NA
AMTFrNY p	10.94	-0.70	-7.9	9.6
BalancedRiskAllA	8.47	-0.56	-18.4	-6.3
CapApprA p	42.69	-4.54	-23.2	12.7
CapIncA p	7.34	NA	NA	NA
Chart	11.69	-1.66	-26.6	-7.8
CmstA	15.43	-2.69	-38.4	-22.6
CoreBdA p	6.73	NA	NA	NA
CpBdA	6.58	-0.70	-12.7	2.6
DevMkt	26.83	-4.87	-30.4	-12.3
DevMktA	32.99	-5.32	-28.8	-5.3
DiscFdA p	60.89	-8.48	-25.2	16.5
DisMdCpGrA	16.98	-2.43	-24.6	14.6
DivIncm p	17.61	-1.49	-24.5	-12.6
DivrsDiv p	14.58	-1.88	-29.8	-15.0
EqIncA	7.65	-0.89	-25.7	-13.3
EqIncA p	22.00	-2.46	-27.7	-13.2
EqInvA	10.87	NA	NA	NA
EqWtdA p	43.22	-6.46	-32.0	-10.0
FltgRate p	6.10	-0.66	-16.1	-7.8
GblAllocA	15.34	NA	NA	NA
GblStrIncmA p	2.98	NA	NA	NA
GlbOppA p	41.43	-4.47	-32.3	-3.5
Glcoreeq p	10.48	-1.57	-33.1	-18.4
GlHltCr	32.01	-3.20	-23.7	6.4
GrIncA	14.74	-2.59	-37.4	-25.4
GrowAlloc p	11.45	NA	NA	NA
Hyld	3.21	-0.37	-20.7	-9.5
HYMuA	9.16	-0.73	-10.2	7.0
IntlBdA p	4.27	NA	NA	NA
IntlDivA	13.28	-1.82	-29.7	-8.7
IntlGrow	22.54	-3.13	-30.2	-13.2
IntlGrowA p	31.51	-4.55	-29.3	-13.3
IntlSmCoA	33.34	-3.53	-30.9	-0.8
IntTMIA p	10.53	-0.54	-6.9	4.9
InvescoFd p	14.55	NA	NA	NA
InvGlobIFdA	67.93	-9.85	-29.2	-0.9
LmtdTrmMuniInc p	10.93	-0.33	-3.6	3.1
LmtTermBd p	4.31	-0.18	-5.0	2.9
LtdTermMuA p	4.32	-0.22	-6.4	8.0
MfCpEq	11.49	-1.95	-34.8	-20.6
MidCpGwth p	25.41	-3.64	-24.8	6.0
MidCpValA	28.41	-5.66	-40.5	-32.3
MnStFndA	35.48	-5.00	-26.3	-1.9
MnStOpA p	14.53	-1.83	-25.6	-2.6
MnStSmCpA p	17.01	-2.94	-34.9	-18.4
ModeAlloc p	9.91	NA	NA	NA
ModInvA	9.08	NA	NA	NA
MunInA	12.39	-0.76	-7.9	5.3
RchHiYldMuniA	6.97	-0.68	-11.2	13.6
RealEst p	14.97	-4.05	-31.8	-11.8
RisingDivA	15.01	-2.58	-27.3	-2.7
RochAMTFrMuni	7.11	-0.45	-5.8	17.0
RochCAMuni	8.25	-0.50	-7.1	11.9
RochLmtTrNYMuni p	2.91	-0.10	-4.3	8.4
RochPAMuni	10.54	-0.57	-5.9	15.2
RoMu A p	15.31	-1.06	-8.0	16.2
SenFltRtA	6.02	-0.64	-18.8	-15.7
ShortTerm p	8.21	-0.28	-4.0	2.9
SmCpValA t	7.35	-1.65	-48.7	-42.8
SP IncomeA	7.11	-0.54	-64.4	-67.6
ComstkSel	17.18	-3.55	-40.2	-25.3
Invesco Funds C:				
EqIncC	7.50	-0.85	-25.5	-14.8
EqWtdC	41.24	-6.16	-32.1	-11.9
RchHiYldMunC	6.94	-0.67	-11.3	11.3
SenFltRtC	6.03	-0.64	-18.9	-17.5
StlpathMLPAlphFd	1.55	-0.48	-64.4	-68.2
TEHYC	9.13	-0.73	-10.4	4.6
Invesco Funds Instl:				
IntlGrow	22.97	-3.19	-30.1	-12.4
SmCpGr	28.80	-4.38	-29.8	-5.9
Invesco Funds P:				
Summit P pn	16.99	-1.80	-23.1	21.1
Invesco Funds Y:				
BalancedRiskAllY n	8.63	-0.57	-18.4	-5.6
DevMktY n	32.49	-5.24	-28.7	-4.6
DiscovY n	70.94	-9.88	-25.2	17.3
EqWtdY n	43.67	-6.52	-32.0	-9.3
GlblOppY n	42.24	-4.55	-32.3	-2.8
GlobIY n	68.13	-9.88	-29.2	-0.2
IncomeY n	1.79	-0.55	-64.3	-67.2
IntGrowY n	31.30	-4.51	-29.3	-12.7
IntlBdY n	4.27	NA	NA	NA
IntlSmCoY n	33.04	-3.49	-30.8	0.0
MnStFndY n	35.14	-4.96	-26.3	-1.2
RocMuniY n	15.31	-1.06	-8.0	17.0
Sel40Y n	2.64	-0.81	-61.4	-64.6
IVA Funds:				
Intl I r	11.33	-1.41	-28.7	-21.0
WorldwideA t	12.63	-1.37	-24.2	-14.4
WorldwideI r	12.68	-1.37	-24.1	-13.7
Ivy Funds:				
AssetStrA p	16.05	-2.35	-26.0	-4.6
AssetStr I r	16.30	-2.38	-26.0	-3.8
BalancedA p	18.91	-2.02	-22.5	-2.3
CoreEqA t	11.01	-1.26	-22.8	10.0
EmgMktEqFdI	14.91	-2.63	-29.6	-12.5
HiIncA p	5.67	-0.72	-19.5	-8.1
HiIncC t	5.67	-0.72	-19.6	-10.0
HiIncI r	5.67	-0.72	-19.4	-7.5
IntlCorEqI r	11.81	-1.72	-33.3	-24.1
LgCpGwthA p	19.15	-2.10	-19.0	33.0
LgCpGwthI r	20.43	-2.24	-19.0	34.1
LtdTrmI r	10.78	-0.16	-0.4	6.6
MidCapI	22.11	-2.88	-26.0	21.4
MdCpGwthA p	20.19	-2.62	-26.1	20.1
MuniHighIncA t	4.68	-0.24	-6.6	4.1
ScTechA p	55.20	-6.33	-22.9	33.7
ScTechC t	44.77	-5.14	-23.0	30.7
ScTechI r	62.40	-7.15	-22.8	34.6
SmCapGrA t	11.94	-1.60	-29.4	-4.2
SmCapGrI r	16.65	-2.23	-29.3	-3.2
J				
JamesBalGR A n:				
JamesBalGR A n	18.34	NA	NA	NA
Janus Henderson:				
Balanced C	30.11	-2.89	-17.2	11.7
Balanced S	30.44	-2.92	-17.1	13.6
Balanced T n	30.50	-2.93	-17.1	14.4
Contrarian T n	13.93	-2.22	-34.7	-8.3
Enterprise Inst	57.94	-10.48	-32.2	7.8
Enterprise S	93.18	-16.64	-32.0	5.7
Enterprise T n	95.82	-17.11	-32.0	6.5
FlxBnd T n	10.04	-0.51	-4.4	6.8
Forty S	28.87	-3.19	-19.6	29.0
GlbEqIncA	4.84	NA	NA	NA
GlbEqIncC	4.78	NA	NA	NA
GlbResch T nr	60.12	-8.57	-28.6	-0.2
GblResh Inst	40.38	-5.77	-28.6	0.2
GlbSel T n	10.32	-2.02	-35.0	-10.1
GlLifeSci T nr	48.23	-3.96	-21.0	16.3
GlTech T nr	31.60	-3.76	-18.3	52.6
Grw&Inc T n	43.65	-6.23	-28.6	3.7
MdCpVal T n	10.62	-1.64	-34.2	-19.1
Resh T n	38.79	-4.65	-22.2	18.2
SCVal T n	14.68	-1.62	-36.2	-23.3
Venture T n	55.02	-7.24	-32.3	-4.4
Jensen I :				
JensenI	40.72	-3.92	-21.0	20.5
JensenQualGrJ n:				
JensenQualGrJ n	40.73	-3.93	-21.1	19.6
John Hancock:				
500Index1	28.34	-3.53	-25.1	6.6
BondI	14.93	-1.01	-6.6	6.5
BondR6	14.95	-1.02	-6.6	6.8
CapApprNAV	12.72	-1.31	-19.2	31.6
ClassicVal I	17.69	-3.76	-46.0	-36.6
DispVal I	13.51	-2.13	-34.9	-18.1
DispValMdCpR6	14.04	-2.86	-36.9	-22.8
DispValR6	13.53	-2.13	-34.9	-17.9
GblShrhYldI	8.05	NA	NA	NA
IntlGrwI	21.84	NA	NA	NA
MdCpIdxI	13.70	-2.39	-36.0	-21.1
Science&TechI	23.61	-2.24	-19.8	37.1
TotalStkMktIdxI	17.63	-2.25	-26.7	1.8
VolBalSrs1	10.40	-0.76	-16.2	3.1
VolGrw1	10.79	-0.74	-18.8	2.0
John Hancock Class 1:				
BlueChipGrw	34.90	-3.95	-20.1	30.3
CapAppr	12.67	-1.31	-19.2	31.3
LSAggr	10.10	-1.38	-29.4	-8.2
LSBalncd	11.08	-1.18	-21.4	-3.7
LSConserv	11.39	-0.89	-12.3	-0.2
LSGwth	10.66	-1.29	-25.5	-6.0
LSModer	10.96	-1.01	-17.0	-2.0
RetCho2020	9.95	-0.82	-12.0	0.7
RetCho2025	10.39	-0.92	-15.0	1.3
RetCho2030	10.54	-1.04	-18.1	0.9
RetCho2035	10.36	-1.14	-21.2	-0.6

Mutual Funds

Data provided by LIPPER

Fund	NAV	Net Chg.	YTD % Ret.	3-Yr. % Ret.
RetCho2040R4	10.27	-1.18	-22.8	-1.4
RetCho2045	10.26	-1.21	-23.7	-2.0
RetCho2050R4	9.10	-1.08	-23.9	-2.1
RetLiv2020	7.71	-0.78	-19.0	-1.3
RetLiv2025	7.95	-0.86	-21.4	-2.3
RetLiv2030	7.94	-0.93	-23.4	-3.2
RetLiv2035	8.04	-0.98	-25.1	-4.2
RetLiv2040	7.94	-1.01	-26.5	-5.1
RetLiv2045	7.69	-1.00	-27.3	-5.9
John Hancock Funds A:				
BalA	17.90	-1.54	-16.3	5.2
BondA p	14.93	-1.01	-6.6	5.6
DispVal	14.00	-2.20	-34.9	-18.7
DispValMdCp	13.44	-2.74	-37.0	-23.7
FunLgCpCorA p	35.00	-4.71	-29.6	-7.8
IntlGrw	21.79	NA	NA	NA
LifeAggr	10.16	-1.39	-29.4	-9.1
LifeBal	11.15	-1.20	-21.5	-4.8
LifeConsv	11.41	-0.88	-12.4	-1.2
LifeGrw	10.71	-1.31	-25.6	-7.1
LifeMod	11.02	-1.02	-17.1	-3.0
RgBkA	15.87	-2.30	-43.4	-35.9
StrIncA p	5.80	-0.43	-10.3	-1.2
USGlobLdrs	41.42	-4.83	-19.9	26.7
John Hancock Instl:				
BalancedI	17.89	-1.54	-16.2	6.1
DispValMCI	14.04	-2.87	-37.0	-23.1
FunLgCpCorI	36.75	-4.95	-29.6	-7.2
IncomeI	5.79	-0.43	-10.2	-0.2
StratIncmOppI	9.38	-0.77	-12.1	-3.8
USGlbLdrsGrwI	45.25	-5.28	-19.9	27.6
JPMorgan A Class:				
CoreBond	11.73	NA	NA	NA
CorePlusBd p	8.23	NA	NA	NA
EmMktEq t	23.43	NA	NA	NA
EqInc p	13.28	NA	NA	NA
EqIndx p	36.59	NA	NA	NA
GroInc p	36.41	NA	NA	NA
GwthAdv p	17.17	NA	NA	NA
HighYld p	5.93	NA	NA	NA
Inv Bal p	12.39	NA	NA	NA
InvCon p	11.15	NA	NA	NA
InvG&I p	13.30	NA	NA	NA
InvGrwt p	14.80	NA	NA	NA
LgCpGwth p	31.11	NA	NA	NA
MdCpGrw p	24.49	NA	NA	NA
MdCpVal p	24.41	NA	NA	NA
Sm Cap p	32.64	NA	NA	NA
SR2020 p	15.08	NA	NA	NA
SR2030 p	15.10	NA	NA	NA
SR2040 p	15.70	NA	NA	NA
USEquity	12.16	NA	NA	NA
ValAdv t	23.97	NA	NA	NA
JPMorgan C Class:				
InvBal p	12.16	NA	NA	NA
InvConsvGr t	11.09	NA	NA	NA
ValAdv t	23.89	NA	NA	NA
JPMorgan Funds:				
FI EmMktEq L	24.14	NA	NA	NA
MdCpVal L	25.03	NA	NA	NA
USEquity L	12.24	NA	NA	NA
JPMorgan I Class:				
CoreBond	11.72	NA	NA	NA
CorePlusBd	8.23	NA	NA	NA
EmMktEq I	23.96	NA	NA	NA
EqInc	13.53	NA	NA	NA
EqIndx	36.67	NA	NA	NA
GrAdv r	17.85	NA	NA	NA
GvBd	10.96	NA	NA	NA
HighYld	5.97	NA	NA	NA
IntmdTFBd	10.67	NA	NA	NA
IntrepidVal	21.06	NA	NA	NA
LgCpGwth	31.66	NA	NA	NA
MdCpGrw	28.95	NA	NA	NA
MdCpVal	24.70	NA	NA	NA
MtgBckd	11.36	NA	NA	NA
ShtDurBnd	10.86	NA	NA	NA
SmartR2020	15.15	NA	NA	NA
SmCap	38.33	NA	NA	NA
SR2030 I	15.15	NA	NA	NA
SR2040 I	15.76	NA	NA	NA
TxAwEq	28.00	NA	NA	NA
USEquity	12.21	NA	NA	NA
USLgCpCorPls	18.26	NA	NA	NA
ValAdv	24.10	NA	NA	NA
JPMorgan Inst Class:				
ValAdv L	24.11	NA	NA	NA
JPMorgan R Class:				
CoreBond	11.74	NA	NA	NA
CorePlusBd	8.24	NA	NA	NA
HighYld r	5.98	NA	NA	NA
LimDurBd	9.96	NA	NA	NA
MtgBckd	11.36	NA	NA	NA
ShtDurBnd	10.85	NA	NA	NA
SmCpEqR5	38.44	NA	NA	NA
SmCpVal	14.85	NA	NA	NA
USEqR5	12.24	NA	NA	NA
USRechEnhEq	20.26	NA	NA	NA
JPMorgan R5 Class:				
SR2020 R5	15.17	NA	NA	NA
SR2030 R5	15.20	NA	NA	NA
SR2040 R5	15.81	NA	NA	NA
SRIncome R5	14.44	NA	NA	NA
JPMorgan Select Cls:				
SmCpGrL	13.35	NA	NA	NA

L

Fund	NAV	Net Chg.	YTD % Ret.	3-Yr. % Ret.
Laudus Funds:				
USLgCpGr nr	17.58	NA	NA	NA
Lazard Instl:				
EmgMktEq	11.93	-2.25	-35.4	-28.6
GlbLstInfr	12.52	-0.58	-20.7	4.8
IntlEq	12.62	-1.62	-32.2	-17.2
IntlStrtEq r	10.35	-1.52	-32.7	-11.4
USEQ Concen Inst	12.36	-1.82	-26.6	-2.0
Lazard Open:				
EmgMktEqO n	12.28	-2.32	-35.5	-29.1
IntlStrEq n	10.44	-1.53	-32.7	-12.0
Legg Mason A:				
GrowFdClA	11.63	NA	NA	NA
Legg Mason I:				
IntlGrTrI	39.91	NA	NA	NA
OpporTrI	17.34	-3.44	-44.9	-21.1
Longleaf Partners:				
Intl n	10.69	-2.12	-39.5	-23.3
Partners n	13.67	-1.63	-32.7	-29.0
Sm-Cap n	15.43	-2.01	-36.4	-25.1
Loomis Sayles Fds:				
HiInc	4.95	NA	NA	NA
LSBondI	11.80	NA	NA	NA
LSBondR pn	11.74	NA	NA	NA
LSCorBndA p	12.70	NA	NA	NA
LSFixIncl	11.24	NA	NA	NA
LSStrIncA p	12.30	NA	NA	NA
LSStrIncC t	12.41	NA	NA	NA
SmCpGI	18.29	NA	NA	NA
Lord Abbett A:				
AffiltdA p	10.44	-1.74	-33.9	-15.1
BdDeb p	6.80	-0.67	-15.6	-1.8
CalibrDivGr	12.00	-1.51	-25.1	2.0
CoreFxdInc p	10.73	-0.46	-2.5	7.7
DevGt p	14.37	-2.12	-26.8	20.4
FloatRt p	7.11	-0.89	-18.7	-10.5
FundlEq p	8.08	-1.22	-32.5	-17.0
HiYldA t	5.88	-0.72	-20.6	-8.1
HYMuniBd p	11.04	-1.01	-11.8	7.5
IncomeA p	2.52	-0.24	-12.7	1.1
IntrTxFr	10.28	-0.58	-7.4	4.8
MidCapStk	18.34	-3.41	-35.9	-29.8
MultiAstBalOppty	9.10	-0.98	-21.7	-8.3
MultiAstInc	12.55	-1.09	-17.4	-4.9
ShDurTxFr	15.16	-0.41	-3.7	2.2
ShtDurIncmA p	3.95	-0.17	-5.5	2.5
TaxFr p	10.67	-0.76	-8.9	6.2
TotRet p	9.89	-0.53	-5.0	5.3
ValOpps p	12.22	-1.90	-30.5	-19.0
Lord Abbett C:				
BdDeb	6.82	-0.67	-15.8	-3.6
FloatRt p	7.12	-0.88	-18.7	-12.1
ShtDurIncmC t	3.98	-0.17	-5.6	0.9
Lord Abbett F:				
BdDeb	6.79	-0.67	-15.6	-1.4
FloatRt p	7.10	-0.89	-18.7	-10.3
HiYld p	5.88	-0.71	-20.5	-7.7
HYMuniBd	11.04	-1.02	-11.8	7.7
Income	2.52	-0.24	-12.7	1.4
IntrTxFr	10.27	-0.59	-7.5	5.0
NatlTxF p	10.66	-0.76	-8.9	6.5
ShtDurIncm	3.95	-0.17	-5.5	3.1
TotRet	9.89	-0.53	-5.0	5.7
Lord Abbett I:				
BdDebentr	6.76	-0.67	-15.7	-1.2
DevlpGro	17.91	-2.63	-26.7	21.3
FloatRt	7.11	-0.89	-18.6	-10.0
FundlEq	8.13	-1.23	-32.5	-16.3
HiYld	5.91	-0.72	-20.5	-7.6
ShtDurInc p	3.95	-0.17	-5.5	3.4
LSVValEq :				
LSVValEq	17.34	-2.65	-36.9	-23.3

M

Fund	NAV	Net Chg.	YTD % Ret.	3-Yr. % Ret.
MainStay Fds A:				
ConvtA	14.38	NA	NA	NA
HiYldBdA	4.70	-0.45	-16.5	-3.1
IncBldr	15.71	NA	NA	NA
LgCpGrA p	7.43	-0.84	-19.1	32.6
TxFrBdA	9.99	NA	NA	NA
MainStay Fds I:				
EpochGlb r	13.22	-1.59	-30.6	-16.1
MAPI	28.68	NA	NA	NA
S&P500IdxA	33.50	-4.19	-25.2	5.9
TRBd	10.36	NA	NA	NA
Mairs&Power:				
MairsPwrBal n	81.47	-7.18	-18.3	3.1
MairsPwrGr n	96.78	-9.99	-23.9	2.4
Manning & Napier Fds:				
ProBConsS	12.58	-0.75	-9.8	5.2
Marsico Funds:				
Focus pn	15.42	-1.76	-18.3	29.7
Mass Mutual:				
SelBluChipGroCII	18.92	NA	NA	NA
MassMutual Premier:				
CoreBdI	10.35	-0.66	-5.8	7.2
MassMutual Select:				
BlackRockGlAllCI	8.92	-1.06	-20.8	-5.8
BlChpGrR5	18.89	NA	NA	NA
IdxEqI	13.72	-1.71	-25.0	7.2
IndxEqR4 n	13.33	-1.66	-25.1	5.7
IndxEqR5	13.78	-1.71	-25.0	7.0
MCGrEqIII	16.55	-2.49	-30.1	2.9
MCpGrEqIIS	16.36	-2.46	-30.1	2.6
PIMCITRetI	9.75	-0.43	-2.7	9.6
Matthews Asian Funds:				
AsiaDivInv nr	13.06	NA	NA	NA
AsiaGroInv nr	21.83	NA	NA	NA
Asian G&I Inv nr	12.30	NA	NA	NA
ChinaInv n	16.54	NA	NA	NA
IndiaInv nr	16.52	NA	NA	NA
JapanInv nr	16.31	NA	NA	NA
PacTigerInv nr	21.66	NA	NA	NA
Merger Fd pn:				
Merger Fd pn	16.06	NA	NA	NA
Meridian Funds:				
Growth	24.94	-3.84	-35.7	-10.4
Value	22.25	-3.55	-37.1	-13.0
Metropolitan West:				
IntmBdI	10.46	NA	NA	NA
LowDurBdI	8.66	NA	NA	NA
TotRetBd n	10.72	NA	NA	NA
TotRetBdI	10.72	NA	NA	NA
TRBdPlan	10.08	NA	NA	NA
UnconstrBdI	11.24	NA	NA	NA
MFS Funds Class A:				
AgGrAlA p	18.08	NA	NA	NA
BondA p	13.22	NA	NA	NA
CoEqyA	26.16	NA	NA	NA
ConAllA p	13.86	NA	NA	NA
Growth A p	97.68	NA	NA	NA
GlEqA	34.38	NA	NA	NA
GlTotA p	14.84	NA	NA	NA
GrAllA p	16.46	NA	NA	NA
GvScA p	10.09	NA	NA	NA
HiInA p	2.88	NA	NA	NA
IntGrA t	27.45	-2.62	-25.8	5.0
IntlDvFdA t	15.08	NA	NA	NA
IntlIntVA t	36.21	-1.63	-20.2	7.2
IntNwDA p	23.69	NA	NA	NA
LtdMA p	5.82	NA	NA	NA
MCapA	15.94	NA	NA	NA
MCpValA p	15.56	-2.92	-37.2	-21.1
MIGA p	25.33	NA	NA	NA
MITA p	24.42	NA	NA	NA
ModAllA p	14.97	NA	NA	NA
MuHiA	7.65	NA	NA	NA
MuInA p	8.27	NA	NA	NA
MuLtA	7.87	NA	NA	NA
NewDA t	19.32	-2.72	-30.7	13.7
ReInA p	14.25	-1.42	-27.8	-5.9
RetBdA t	10.26	NA	NA	NA
RschA p	34.84	NA	NA	NA
TechA p	39.12	NA	NA	NA
TotRA p	16.07	NA	NA	NA
UtilA p	16.93	NA	NA	NA
ValueA p	31.53	-4.54	-29.0	-8.5
MFS Funds Class C:				
ConAllC p	13.62	NA	NA	NA
GrAllC p	16.13	NA	NA	NA
Growth C t	76.38	NA	NA	NA
ModAllC p	14.65	NA	NA	NA
TotRC t	16.19	NA	NA	NA
ValueC t	31.11	-4.48	-29.2	-10.6
MFS Funds Class I:				
BondI	13.20	NA	NA	NA
Growth I	104.47	NA	NA	NA
IntNwDI	24.43	NA	NA	NA
MCapI	16.98	NA	NA	NA
MCpValI	15.97	-3.00	-37.1	-20.5
MIGI p	26.16	NA	NA	NA
ReInT t	14.77	-1.48	-27.8	-5.3
RetBdI	10.26	NA	NA	NA
RschI	35.81	NA	NA	NA
TotRI	16.07	NA	NA	NA
ValueI	31.73	-4.56	-29.0	-7.8
MFS Funds Instl:				
IntlEq	20.01	NA	NA	NA
Mondrian:				
IntlValEq n	9.25	-1.07	-36.3	-25.0
Morgan Stanley Fds A:				
InsightA p	34.36	-1.73	-15.7	63.1
Morgan Stanley Fds I:				
FxInOpp I	5.28	-0.29	-8.1	7.4
Insight I	38.61	-1.95	-15.7	64.5
Morgan Stanley Inst:				
CapGrI	39.31	-1.95	-15.2	41.4
CapGrP p	36.96	-1.83	-15.2	40.3
CorPlusFxdIncI	10.83	-0.59	-5.1	10.3
GloFranI t	22.64	-2.47	-20.6	15.7
IntlEqI	10.43	-1.14	-29.2	-15.3
MorganStanleyPathway:				
CoreFxIcm n	7.99	NA	NA	NA
EmgMkt n	10.55	-1.94	-32.3	-16.7
LgCapEq n	14.56	-1.91	-27.6	0.3
Munder Funds:				
MndrIntlSmCpInv r	8.72	NA	NA	NA
Munder Funds Cl Y:				
MndrMdCpCGroY r	10.09	NA	NA	NA
MndrSCVClY p	18.03	NA	NA	NA
Mutual Series:				
BeacnZ n	11.02	NA	NA	NA
EuropZ n	12.71	NA	NA	NA
GlbDiscA	19.10	NA	NA	NA
GlbDiscC t	19.04	NA	NA	NA
GlbDiscz n	19.53	NA	NA	NA
QuestA t	10.13	NA	NA	NA
QuestZ n	10.30	NA	NA	NA
SharesZ n	17.95	NA	NA	NA

N

Fund	NAV	Net Chg.	YTD % Ret.	3-Yr. % Ret.
Nationwide Fds R6:				
BdIdxR6	11.15	NA	NA	NA
IntIdxR6	5.46	NA	NA	NA
MidCapIdxR6	9.57	NA	NA	NA
Nationwide Fds Serv:				
IDAggr p	6.12	NA	NA	NA
IDMod p	7.23	NA	NA	NA
IDModAggr p	6.64	NA	NA	NA
Natixis Funds:				
InvGradeBdA p	10.59	NA	NA	NA
InvGradeBdY	10.60	NA	NA	NA
LSGrowthY	15.34	NA	NA	NA
USEqOppsA	27.31	NA	NA	NA
Neuberger Berman Fds:				
EmgMktInst	14.52	-2.50	-29.4	-12.5
EqIncInst	9.75	-1.20	-26.5	-7.0
GenesInst	43.29	-4.41	-26.0	-0.2
HiIncBdClR6	6.89	-0.83	NA	NA
HiIncBdInst	6.89	-0.83	-19.5	-6.9
IntrinsicValInst	9.76	-1.45	-37.5	-21.7
LgShInst	13.47	-0.66	-8.5	9.1
MultCpOptyInst	11.75	-1.83	-30.6	-3.1
StrIncInst	9.19	-0.99	-16.4	-5.3
SustainableEqIns	27.63	-3.48	-26.5	-3.6
Neuberger Berman Inv:				
Focus n	18.70	-2.92	-25.9	-3.6
Genes n	43.38	-4.41	-26.0	-0.7
Guard n	15.09	-1.72	-20.0	19.1
IntlEqInst r	9.28	-1.34	-32.5	-14.2
LCVal n	21.64	-2.93	-33.0	-9.2
MdCpGrInv n	11.70	-1.55	-25.5	8.7
Neuberger Berman Tr:				
Genes n	43.38	-4.41	-26.0	-0.9
GenesisFdR6	43.25	-4.40	-26.0	0.1
Nicholas Group:				
Nch II I	20.04	-2.75	-29.2	4.7
Nich n	53.23	-6.91	-23.4	9.6
Northern Funds:				
ActMEmgMktEq nr	13.48	NA	NA	NA
ActMIntlEq nr	7.12	-1.03	-35.4	-17.8
BdIdx n	10.66	NA	NA	NA
CAIntTxEx n	10.48	NA	NA	NA
EmMktsEqIdx nr	8.52	NA	NA	NA
FixIn n	9.84	NA	NA	NA
GlbREIdx nr	7.33	NA	NA	NA
HiYFxInc n	5.43	NA	NA	NA
HiYMuni n	7.97	-0.58	-9.8	4.1
IntlEqIdx nr	8.63	NA	NA	NA
IntTxExpt n	10.45	NA	NA	NA
MidCpIdx n	12.39	-2.16	-35.9	-20.4
ShIntTaxFr n	10.18	NA	NA	NA
SmCapIdx n	8.42	-1.20	-36.5	-21.2
SmCpVal n	12.47	-2.04	-39.4	-32.3
StkIdx n	27.75	-3.47	-25.1	7.1
TxExpt n	10.49	NA	NA	NA
Nuveen Cl A:				
AAMunBd p	10.92	-0.66	-7.5	7.8
CAMunBd p	10.51	-0.64	-7.4	5.6
HiYldMuBd p	15.34	-1.79	-13.9	7.3
IntDMunBd p	8.84	-0.45	-6.2	6.8
LtdMnBd p	10.66	-0.39	-4.6	4.0
NYMunBd p	10.34	-0.58	-6.9	5.0
Nuveen Cl I:				
HYMunBd	15.34	-1.79	-13.8	8.0
Nuveen Cl R:				
CAMunBd	10.52	-0.64	-7.5	6.2
DivVal I	9.59	-1.65	-33.7	-14.8
IntDMunBd	8.86	-0.45	-6.2	7.4
LmtTrmR	10.62	-0.39	-4.6	4.7
NYMunBd	10.35	-0.57	-6.9	5.7
RealEst	14.19	-3.68	-31.1	-13.2
SmCpVal	13.28	-2.49	-43.5	-44.1

O

Fund	NAV	Net Chg.	YTD % Ret.	3-Yr. % Ret.
Oak Associates Funds:				
RedOakTec n	24.50	-2.24	-21.2	28.4
Oakmark Funds Invest:				
EqtyInc nr	21.64	NA	NA	NA
GlbSel nr	11.90	NA	NA	NA
Global n	17.35	NA	NA	NA
IntlSmCp nr	8.96	NA	NA	NA
Oakmark n	50.62	NA	NA	NA
OakmrkInt n	13.69	NA	NA	NA
Select n	27.01	NA	NA	NA
Oberweis Funds:				
IntlOppInst	6.41	-1.47	-38.4	-26.3
Old Westbury Fds:				
AlCpCore n	13.78	NA	NA	NA
FixInc pn	11.48	NA	NA	NA
LrgCpStr n	11.01	NA	NA	NA
MuniBd pn	11.73	NA	NA	NA
MutiAstOpp n	5.57	NA	NA	NA
OWstbryNYMuBndFd n	9.96	NA	NA	NS
Sm&MdCapStrategi n	10.41	NA	NA	NA
Oppenheimer Y:				
CoreBdY n	6.70	NA	NA	NA
Optimum Funds Inst:				
Fixed Inc	9.11	NA	NA	NA
Intl Eqty	8.87	-1.50	-34.1	-19.5
LgCpGrwth	15.58	-1.82	-21.8	21.7
LgCpVal	12.36	-1.73	-30.0	-10.4
SmCpGrwth	9.96	-1.37	-30.4	-1.2
SmCpVal	8.24	-1.52	-40.6	-34.1
Osterweis Strat Income:				
OsterweisStrInc n	9.93	-0.49	-7.5	1.4

PQ

Fund	NAV	Net Chg.	YTD % Ret.	3-Yr. % Ret.
PACE Funds Cl P:				
IntlEqty P	10.56	-1.47	-32.4	-19.1
LgGrEqty P	18.26	-2.18	-20.4	21.2
LgVEqty P	13.61	NA	NA	NA
StraFxd P	13.08	-0.86	-6.3	6.6
StratInvP	9.75	NA	NA	NA
Pacific Life Funds:				
PortOptModAggClA p	9.70	NA	NA	NA
PortOptModClA r	9.81	NA	NA	NA
Palmer Square:				
Income Plus	9.33	NA	NA	NA
Parnassus Fds:				
ParnEqFd n	37.17	-3.44	-21.0	14.4
Parnsus n	36.84	-4.96	-27.0	-6.1
Pax World Fds:				
SustAll Inv n	19.63	-1.65	-15.9	6.3
Paydenfunds:				
CoreBd n	10.26	-0.54	-5.0	7.1
EqIncInv n	13.55	-1.60	-25.9	-1.7
LowDur n	9.78	-0.31	-2.6	3.5
LtdMat n	9.22	-0.22	-2.4	4.0
Pear Tree:				
ForeignVal I r	12.90	-1.85	-41.6	-29.4
PolForegValOrd tn	12.94	-1.86	-41.7	-30.2
Perm Port Funds:				
Permanent n	33.49	-2.77	-17.8	-2.8
PGIM Funds Cl A:				
2020FcA	11.51	NA	NA	NA
Balanced	12.52	NA	NA	NA
HighYield	4.62	NA	NA	NA
JennBlend	14.37	NA	NA	NA
JennGrowth	32.23	NA	NA	NA
JennHealthSci	32.37	NA	NA	NA
JennMidCapGrowth	15.33	NA	NA	NA
JennSmallCompany p	11.38	NA	NA	NA
JennUtility	12.69	NA	NA	NA
NationalMuni	14.43	NA	NA	NA
ShrtTermCorpBond	10.56	NA	NA	NA
TotalReturnBond p	13.58	NA	NA	NA
PGIM Funds Cl C:				
TotalReturnBond	13.56	NA	NA	NA
PGIM Funds Cl Z:				
GlobalRealEstate	15.62	-4.64	-35.3	-14.9
HighYield	4.63	NA	NA	NA
JennGrowth	35.26	NA	NA	NA
JennHealthSci	36.38	NA	NA	NA
JennMidCapGrowth	17.94	NA	NA	NA
JennSmallCompany	12.56	NA	NA	NA
TotalReturnBond	13.53	NA	NA	NA
PIMCO Fds Admin:				
ShortTrmAd p	9.53	NA	NA	NA
TotRtAd p	10.06	NA	NA	NA
PIMCO Fds Instl:				
AllAsset	9.35	NA	NA	NA
AllAssetAuth r	6.24	NA	NA	NA
CommodtyRR	3.92	NA	NA	NA
DivInc	9.60	NA	NA	NA
EmMktsBd	8.72	-1.00	-17.7	-3.1
EmrgMktCur&STInv	6.93	-0.53	-14.2	-6.8
ExtdDur	9.54	NA	NA	NA
GlblBdOppUSH	9.66	NA	NA	NA
HiYld	7.40	-0.80	-17.2	-2.4
HiYldMuniBd	8.57	-0.60	-8.4	11.3
IntlBdUnhedged r	8.40	NA	NA	NA
IntlBdUSH	10.19	NA	NA	NA
InvGrdCrBd	9.51	NA	NA	NA
LgTmRlRt	7.98	NA	NA	NA
LgTrmCrdtBd	10.73	NA	NA	NA
LngDurTotRtrn	9.86	NA	NA	NA
LowDur	9.61	NA	NA	NA
LowDurInc r	7.83	NA	NA	NA
LTUSG	6.97	NA	NA	NA
ModDur	10.19	NA	NA	NA
MortgOppBd	10.19	-0.48	-5.3	5.3
RAEFndmtlAdvPLUS	8.44	NA	NA	NA
RAEPlusEMG	6.27	NA	NA	NA
RealRtnl	10.55	NA	NA	NA
RERRStg	5.80	NA	NA	NA
ShortT	9.53	NA	NA	NA
ShtAssetInv	9.82	NA	NA	NA
StcksPLUSIntlHdg r	5.28	NA	NA	NA
StcksPLUSShort	8.13	NA	NA	NA
StcksPLUSSmall	5.43	NA	NA	NA
StkPlsLgDur	5.19	NA	NA	NA
StPITRInst r	7.63	NA	NA	NA
TotRetESG	8.95	NA	NA	NA
TotRt	10.06	NA	NA	NA
TRII	9.60	NA	NA	NA
TrndsMgdFutStrgy	10.99	NA	NA	NA
PIMCO Funds:				
IncomeFd	10.58	NA	NA	NA
StcksPLUSIntlHdg	5.23	NA	NA	NA
TotRet	10.06	NA	NA	NA
PIMCO Funds A:				
AllAsset	9.36	NA	NA	NA
HiYld	7.40	-0.80	-17.3	-3.4
HiYldMuniBd	8.57	-0.60	-8.5	10.3
IncomeFd	10.58	NA	NA	NA
IntlBdUSH	10.19	NA	NA	NA
InvstGrCrBd	9.51	NA	NA	NA
LowDurA	9.61	NA	NA	NA
LowDurInc	7.83	NA	NA	NA
MuniBdA	9.72	NA	NA	NA
RAEPLUS	3.88	NA	NA	NA
RealRtnA	10.55	NA	NA	NA
ShtTmA	9.53	NA	NA	NA
StksPLSTR	7.47	NA	NA	NA
TotRetA	10.06	NA	NA	NA
PIMCO Funds C:				
IncomeFd	10.58	NA	NA	NA
TotRetIncC	10.06	NA	NA	NA
PIMCO Funds I2:				
All Asset	9.37	NA	NA	NA
ComPLUSStrtgyFd	3.10	NA	NA	NA
DivInc	9.60	NA	NA	NA
Income	10.58	NA	NA	NA
IntlBdUSH	10.19	NA	NA	NA
InvstGrCrBd	9.51	NA	NA	NA
LgTrmCrdtBd	10.73	NA	NA	NA
LowDurInc	7.83	NA	NA	NA
LwDur	9.61	NA	NA	NA
RealRtn	10.55	NA	NA	NA
ShtTm	9.53	NA	NA	NA
TotRt	10.06	NA	NA	NA
PIMCO Funds Instl:				
ComPLUSStrtgyFd	3.12	NA	NA	NA
DynamicBd	9.65	-0.50	-8.5	1.4
IncomeFd	10.58	NA	NA	NA
InflRespMulAsset	6.74	NA	NA	NA
Pioneer Funds A:				
AMTFreeMuniA p p	13.98	-0.81	-7.3	7.3
BondA	8.99	-0.68	-8.5	2.5
CoreEqA	15.48	-1.56	-23.7	6.1
DiscGrA	14.29	-1.50	-19.4	21.2
EqIncA	24.92	-3.45	-31.4	-13.5
HighIncMuniA	6.89	-0.40	-7.4	10.7
HiYieldA p p	7.68	-0.85	-20.3	-7.5
MdCapVa	15.12	-2.75	-34.8	-27.3
PioFdA	22.96	-2.40	-22.2	13.6
SelMCGrA	32.13	-5.25	-28.6	7.9
StratIncA p p	9.41	-0.92	-14.0	-3.2
Pioneer Funds Y:				
AMTFreeMuniY	13.93	-0.82	-7.4	8.0
BondY	8.91	-0.67	-8.4	3.5
SelMCGrY	35.31	-5.77	-28.5	8.7
StratIncY p p	9.41	-0.92	-13.9	-2.3
Price Funds:				
2050RetFd n	11.22	NA	NA	NA
Balnanced n	19.69	NA	NA	NA
BdEnhIdx nr	11.11	NA	NA	NA
BlChip n	97.63	NA	NA	NA
CA Bond n	11.28	NA	NA	NA
Communica&Tech n	106.69	NA	NA	NA
CorpInc n	8.88	NA	NA	NA
DivGro n	40.37	NA	NA	NA
DvsfMCGr n	25.55	NA	NA	NA
EmgMktB n	9.37	NA	NA	NA
EmMktS n	33.53	NA	NA	NA
EqInc n	21.13	NA	NA	NA
EqIndex n	63.96	NA	NA	NA
Europe n	15.11	NA	NA	NA
FinSvcs n	17.34	NA	NA	NA
GlbStk n	34.17	NA	NA	NA
GlbTech n	13.26	NA	NA	NA
GMS-fd n	10.23	NA	NA	NA
GNMA n	9.21	NA	NA	NA
Gr&In n	22.39	NA	NA	NA
Growth n	55.72	NA	NA	NA
HelSci n	62.97	NA	NA	NA
HiYield n	5.51	NA	NA	NA
InstEmMEq	30.40	NA	NA	NA
InstFLRfd r	8.39	NA	NA	NA
InstHiYld	7.32	NA	NA	NA
InstICapG	33.54	NA	NA	NA
InstLCCoreGr	38.24	NA	NA	NA
InstLCV	15.44	NA	NA	NA
InstSmCap	16.47	NA	NA	NA
IntDis n	47.66	NA	NA	NA
IntEqIdx nr	9.60	NA	NA	NA
IntlBond n	8.25	NA	NA	NA
IntlStk n	12.95	NA	NA	NA
IntlValEq n	8.89	NA	NA	NA
Japan n	11.75	NA	NA	NA
Lat Am n	13.36	NA	NA	NA
MCapVal n	18.14	NA	NA	NA
MCEqGr	41.30	NA	NA	NA
MD Bond n	10.63	NA	NA	NA
MidCap n	65.49	NA	NA	NA
N Asia n	15.29	NA	NA	NA
N Inc n	9.18	NA	NA	NA
NAmer n	42.62	NA	NA	NA
New Era n	19.13	NA	NA	NA
NHoriz n	45.76	NA	NA	NA
OverS SF nr	7.39	NA	NA	NA
QMUSSmCpGrEq n	25.99	NA	NA	NA
SpectConsAllo n	16.83	NA	NA	NA
SpectModerAllo n	19.35	NA	NA	NA
SpectModerGwAllo n	26.78	NA	NA	NA
R2005 n	11.67	NA	NA	NA
R2010 n	15.13	NA	NA	NA
R2015 n	11.93	NA	NA	NA
R2020 n	17.68	NA	NA	NA
R2025 n	13.81	NA	NA	NA
R2030 n	19.60	NA	NA	NA
R2035 n	14.09	NA	NA	NA
R2040 n	19.69	NA	NA	NA
RealAssets nr	7.72	NA	NA	NA
RealEst n	17.22	NA	NA	NA
Ret2025A p	13.73	NA	NA	NA
Ret2045 n	13.28	NA	NA	NA
Ret2045R	13.02	NA	NA	NA
Ret2055 n	11.40	NA	NA	NA
Ret2055	11.32	NA	NA	NA
RetBal Inc n	13.08	NA	NA	NA
SciTec n	31.81	NA	NA	NA
Sht-Bd n	4.66	NA	NA	NA
SmCap n	29.44	NA	NA	NA
SmCapStk n	33.71	NA	NA	NA
SpecGr n	16.48	NA	NA	NA
SpecInc n	11.08	NA	NA	NA
SpecIntl n	9.65	NA	NA	NA
SuMuInc n	11.67	NA	NA	NA
SuMuInt n	11.72	NA	NA	NA
TF Incom n	11.58	NA	NA	NA
TF Incom n	9.88	NA	NA	NA
TFSI n	5.52	NA	NA	NA
TotIndex n	25.73	NA	NA	NA
U.S.EqResch n	22.75	NA	NA	NA
USLrgCpCore n	19.79	NA	NA	NA
USTInter n	6.11	NA	NA	NA
USTLg n	13.74	NA	NA	NA
VABond n	11.77	NA	NA	NA
Value n	25.43	NA	NA	NA
Price Funds - Adv Cl:				
BlChip p	95.79	NA	NA	NA
CapAppA p	24.54	NA	NA	NA
Growth p	54.29	NA	NA	NA
MCapGro p	63.19	NA	NA	NA
R2020A p	17.54	NA	NA	NA
R2030A p	19.42	NA	NA	NA
R2035	14.02	NA	NA	NA
R2040A p	19.50	NA	NA	NA
Ret2045-A p	13.19	NA	NA	NA
Ret2050-A p	11.11	NA	NA	NA
SciTec p	31.26	NA	NA	NA
Price Funds - R Cl:				
BlChipR p	91.75	NA	NA	NA
ExtIndex nr	18.04	NA	NA	NA
GrowthR p	52.18	NA	NA	NA
R2020R p	17.37	NA	NA	NA
R2030R p	19.24	NA	NA	NA
R2040R p	19.36	NA	NA	NA
Ret2025-R p	13.58	NA	NA	NA
Ret2035-R	13.85	NA	NA	NA
Ret2050-R	11.01	NA	NA	NA
PRIMECAP Odyssey Fds:				
AggGrowth nr	31.43	-3.90	-30.0	0.9
Growth nr	28.39	-3.61	-30.7	-0.1
Stock nr	23.48	-3.30	-31.9	-5.6
Principal Investors:				
CapApprA p	36.27	NA	NA	NA
ConBalA p	10.24	NA	NA	NA
EqIncIA p	22.93	NA	NA	NA
FlIncA p	10.87	NA	NA	NA
HighYldA p	6.01	NA	NA	NA
HiYld IN	8.00	NA	NA	NA
InfPro IN	8.14	NA	NA	NA
LgIndxI	14.65	NA	NA	NA
LgIndxJ tn	14.50	NA	NA	NA
LT2020 In	11.30	NA	NA	NA
LT2020J tn	11.24	NA	NA	NA
LT2030In	11.32	NA	NA	NA
LT2030J tn	11.28	NA	NA	NA
LT2040I	11.46	NA	NA	NA
LT2040J tn	11.35	NA	NA	NA
LT2050I	11.20	NA	NA	NA
MdGrIII Inst	8.35	NA	NA	NA
MidCpBldA	20.53	NA	NA	NA
PreSecI	8.36	NA	NA	NA
PtrLGI In	12.51	NA	NA	NA
PtrLV In	11.45	NA	NA	NA
RealEstSecI	18.97	NA	NA	NA
SAMBalA p	12.49	NA	NA	NA
SAMGrA p	13.17	NA	NA	NA
StrGrw A p	13.26	NA	NA	NA
ProFunds Inv Class:				
UltNASDAQ-100 n	56.68	NA	NA	NA
Putnam Funds Class A:				
CATx p	7.61	-0.40	-6.5	6.9
DvrIn p	6.13	-0.44	-13.0	0.4
DynAABalA	12.25	-1.19	-18.2	-1.4
DynAAGthA	12.67	-1.43	-23.6	-5.4
EqIn p	18.63	-2.60	-29.6	-5.9
GeorgePutBal	17.04	-1.65	-17.6	8.6
GlblEqty p	12.00	-1.69	-31.1	-9.2
GlbHlthCare p	46.31	-3.80	-17.9	11.8
GrOpp p	32.07	-3.70	-17.9	36.1
HiYld A p	4.81	-0.52	-17.7	-4.8
Incm p	6.76	-0.49	-4.9	11.0
IntlEq p	16.69	-2.21	-31.8	-19.0
NYTx p	8.06	-0.43	-7.2	4.6
ShtDurBd	9.70	-0.36	-3.9	4.3
StDurInc	9.91	-0.09	NA	NA
SustainLdrsFd p	73.95	-7.52	-21.5	23.8
TFHY	11.46	-0.88	-10.2	6.0
TxEx p	7.98	-0.44	-7.5	6.0
MtgSec p	11.44	-1.22	-11.5	-0.2
Putnam Funds Class Y:				
EqInc	18.65	-2.59	-29.5	-5.1
GrOpp Y	33.68	-3.88	-17.9	37.1
Incm	6.88	-0.51	-5.0	11.8
StDurInc	9.92	-0.09	NA	NA

R

Fund	NAV	Net Chg.	YTD % Ret.	3-Yr. % Ret.
RBC Funds:				
AccCpCommInvl	9.03	NA	NA	NA
RiverNorth Funds:				
RNDLIncomeI	9.25	NA	NA	NA
Royce Funds:				
Oppty I nr	7.08	-1.20	-43.5	-32.1
PAMut I nr	6.04	-0.85	-36.0	-16.7
PremierI nr	8.49	-1.28	-34.1	-8.1
SpecEqI nr	12.84	-1.32	-27.0	-19.7
TotRet I nr	7.20	-0.89	-33.9	-21.1
RS Funds:				
CoreEqVIP	30.56	NA	NA	NA
InvQBdVIP	12.24	NA	NA	NA
Russell Funds S:				
EmerMkts	13.17	NA	NA	NA
IntlDvMkt n	24.00	NA	NA	NA
InvGrdBd n	21.21	NA	NA	NA
RESec n	22.54	NA	NA	NA
StratBd n	10.59	NA	NA	NA
TaxExBd n	22.73	NA	NA	NA
TMUSMdSmCp n	18.68	NA	NA	NA
TxMngUSLgCp n	35.89	NA	NA	NA
USSmCpEq n	16.12	NA	NA	NA
Russell LifePoints A:				
BalStrat p	8.28	NA	NA	NA
Rydex Investor Class:				
NasdaqInv n	37.03	-3.62	-16.7	33.4

S

Fund	NAV	Net Chg.	YTD % Ret.	3-Yr. % Ret.
Schroder Funds:				
NAmerEqInv n	13.09	NA	NA	NA
Schwab Funds:				
1000 Inv nr	52.18	NA	NA	NA
Balanced n	12.97	NA	NA	NA
CoreEq n	16.45	NA	NA	NA
DivEqSel n	9.84	NA	NA	NA
FunIntlLgInst nr	5.76	NA	NA	NA
FunUSLgInst nr	12.22	NA	NA	NA
HlthCare n	21.11	NA	NA	NA
InflProSel n	10.76	NA	NA	NA
Intl Sel nr	14.07	NA	NA	NA
IntlMstr nr	15.62	NA	NA	NA
MT AllEq n	12.97	NA	NA	NA
MT Bal n	14.90	NA	NA	NA
MT Gro n	17.25	NA	NA	NA
S&P Sel n	36.82	NA	NA	NA
SmCp Sel nr	17.37	NA	NA	NA
SmCpEqSel nr	9.57	NA	NA	NA
Trgt2020 nr	12.15	NA	NA	NA
Trgt2030 nr	12.15	NA	NA	NA
Trgt2040 nr	12.04	NA	NA	NA
TSM Sel nr	40.53	NA	NA	NA
TxFrBd n	11.59	NA	NA	NA
USSmColdx nr	8.00	NA	NA	NA
Segall Bryant & Hami:				
PlusBd n	10.35	-0.50	-3.6	8.9
SEI Portfolios:				
CoreFxIn F	10.98	-0.55	-4.0	8.2
EMktDbt F	8.13	-0.96	-21.0	-10.6
HiYld F	5.65	-0.60	-17.7	-4.3
IntlEmg F	8.44	-1.41	-31.8	-18.8
IntlEq F	7.64	-0.91	-33.4	-20.2
IntMuni F	11.15	-0.56	-6.2	5.0
LgCapGr F	29.42	-3.82	-21.3	22.6
LgCVal F	15.83	-2.45	-35.1	-18.9
MgdVol F	13.08	-1.63	-27.5	-4.8
S&P500 F	54.27	-6.79	-25.1	6.6
ShtGov F	10.44	-0.07	1.4	6.1
TaxMgdLC F	20.13	-2.75	-27.3	0.1
TaxMgdSmMdCp F	13.78	-2.55	-37.2	-24.7
Selected Funds:				
AmShD n	25.88	-3.73	-30.6	-8.3
AmShS pn	25.82	-3.72	-30.6	-9.1
Sequoia:				
SequoiaFd n	112.47	-16.73	-28.5	1.2
Sit Funds:				
MinnTxF n	9.94	-0.51	-6.4	6.4
SoundShoreInv n:				
SoundShoreInv n	27.64	-4.82	-34.8	-22.8
Sprott Funds Trust:				
GoldEq Inv p/r tn	30.40	1.44	-26.9	-17.2
SSgA Funds:				
SP500 n	29.29	-3.63	-25.0	7.1
State Farm Associate:				
Balan n	62.57	-4.19	-17.3	4.5
Gwth n	68.87	-5.92	-23.6	3.2
Muni n	8.42	-0.30	-3.8	7.0
State Street Institu:				
SmCapEq (ICL)	10.43	NA	NA	NA
State Street V.I.S.:				
TR V.I.S. Cl 1	12.37	-1.33	-22.3	-6.8
TR V.I.S. Cl 3	12.32	-1.33	-22.3	-7.5
Sterling Capital Fds:				
SmCap	48.68	-6.99	-38.5	-26.9
TotRetBdI	10.41	-0.48	-3.2	9.5

T

Fund	NAV	Net Chg.	YTD % Ret.	3-Yr. % Ret.
TCW Funds:				
CoreFxInc n	11.22	NA	NA	NA
EmMktInc n	6.44	NA	NA	NA
SelEqtyI n	21.91	NA	NA	NA
TotRetBondI n	10.08	NA	NA	NA
TCW Funds N:				
TotRetBdN pn	10.39	NA	NA	NA
Templeton Class A:				
TGlTotRA	10.39	NA	NA	NA
Templeton Instit:				
IntlEqSer Primar	10.43	NA	NA	NA
The Bruce Fund:				
BruceFund n	490.99	-49.09	-16.9	6.3
Third Avenue:				
REVal Inst r	16.35	-3.80	-35.3	-29.2
ValueInst	21.28	-4.95	-47.1	-49.0
Thompson IM Fds,Inc:				
Bond n	10.64	-0.49	-7.2	2.6
Thornburg Fds:				
IncBuildA t	15.02	NA	NA	NA
IncBuildC p	15.00	NA	NA	NA
IntVal I	17.30	NA	NA	NA
IntValA p	16.72	NA	NA	NA
LtdTIn	13.26	NA	NA	NA
LtdTIncl	13.26	NA	NA	NA
LtdTMu I	14.16	NA	NA	NA
LtdTMuA	14.16	NA	NA	NA
Thrivent Funds A:				
DivrIncPlus	6.22	NA	NA	NA
LgCpStk	16.87	NA	NA	NA
MidCapStk	15.62	NA	NA	NA
MuniBd	11.03	NA	NA	NA
Thrivent Funds S:				
LgCpVal n	15.55	NA	NA	NA
MidCapStk n	17.91	NA	NA	NA
OppIncmPl n	9.00	NA	NA	NA

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Mutual Funds

Data provided by LIPPER

Fund	NAV	Net Chg.	YTD % Ret.	3-Yr. % Ret.
TIAA-CREF/Instl Cl:				
CoreBond Inst	10.00	-0.62	-5.5	6.8
CorePlsBd	9.95	-0.64	-6.4	6.2
TIAA-CREF/Retail Cl:				
EqIdx n	17.46	-2.29	-26.6	2.8
Gro&Inc n	14.86	-2.01	-27.7	0.2
LrgCpGro n	17.64	-1.84	-19.2	28.2
MgdAlloc n	10.25	-1.10	-20.5	-1.1
TIAA/CREF Funds:				
BdIdxInst	10.90	-0.40	-1.4	10.3
EqIdxInst	17.14	-2.24	-26.6	3.7
EqIdxRet	17.40	-2.28	-26.6	2.9
Gr&IncInst	10.69	-1.45	-27.7	1.1
Gr&IncRet	10.90	-1.47	-27.7	0.4
HgYldInst	7.79	-0.92	-20.3	-5.9
InflLkdBdInst	11.11	-0.30	-3.5	3.6
IntlEqIdxInst	13.73	-1.57	-31.3	-15.5
IntlEqIdxRet	14.06	-1.59	-31.3	-16.1
IntlEqInst	7.76	-0.88	-32.3	-21.8
LC2015Ret	10.48	-0.86	-15.6	2.2
LC2020Ret	10.92	-0.97	-17.1	1.7
LC2025Ret	11.03	-1.07	-19.2	0.6
LC2030Ret	11.06	-1.16	-21.3	-0.5
LC2035Ret	11.18	-1.28	-23.5	-1.8
LC2040Inst	7.98	-0.97	-25.2	-2.3
LC2040Ret	11.22	-1.37	-25.3	-3.1
LC2045Ret	9.36	-1.20	-27.0	-4.6
LCIdx2020Inst	15.15	-1.17	-15.4	5.0
LCIdx2025Inst	15.68	-1.34	-17.4	4.2
LCIdx2035Inst	16.61	-1.71	-21.6	2.2
LCIdx2040Inst	16.78	-1.87	-23.6	1.0
LCIdx2045Inst	16.54	-1.97	-25.4	-0.6
LifeStkIdx	20.58	-2.69	-26.6	3.6
LrgCpGrIdxInst	28.95	-3.42	-20.4	27.4
LrgCpGrIdxRet	29.17	-3.45	-20.4	26.5
LrgCpGrInst	17.68	-1.85	-19.1	29.5
LrgCpVl IdxInst	13.85	-2.01	-31.7	-13.8
LrgCpVl IdxRet	14.11	-2.04	-31.8	-14.5
LrgCpVl Inst	12.52	-1.95	-32.0	-19.1
LrgCpVlRet	12.48	-1.94	-32.0	-19.7
MdCpGrInst	15.18	-2.34	-28.7	1.8
MdCpVl Inst	10.83	-2.04	-39.6	-29.2
MdCpVlRet	10.76	-2.01	-39.6	-29.7
QuantSmCpEqInst	9.90	-1.73	-40.2	-27.6
RealSecInst	12.78	-3.20	-28.2	-0.1
RealSecRet	13.35	-3.34	-28.3	-0.8
S&P500IdxInst	26.51	-3.31	-25.1	7.4
S&P500IdxRet	26.33	-3.29	-25.1	6.6
ShTrmBdInst	10.13	-0.24	-1.7	5.4
SmCpBl IdxInst	13.26	-1.89	-36.3	-20.4
SmCpBl IdxRet	13.32	-1.90	-36.4	-21.0
SocChEqInst	15.31	-1.99	-26.2	4.8
SocChEqRet	15.57	-2.02	-26.2	4.1
Tortoise Capital:				
MLP&EgyInc Inst	3.54	-0.93	-49.5	-52.2
TorMLPPipInsCl	5.54	-1.62	-55.6	-56.0
Touchstone Family Fd:				
FlexIncY	9.48	-0.87	-12.6	-1.6
FocEqY	34.80	-3.63	-23.7	-1.8
LagCapFoc A p	33.06	-3.77	-22.7	12.0
MdCpGrwY	23.43	-4.22	-30.1	11.3
MdCpVal Inst	12.62	-2.12	-35.2	-24.5
MdCpY	29.05	-3.65	-27.6	9.5
SandsCapGrI	18.55	-1.78	-16.9	39.1
SandsCapGrY	10.90	-1.07	-17.1	37.4
SmCoA p	3.02	-0.49	-37.2	-21.7
Transamerica A:				
AsAlCnsrv p	9.14	NA	NA	NA
AsAlGrow p	8.53	NA	NA	NA
AsAlMod p	9.06	NA	NA	NA
AsAlModGr p	8.80	NA	NA	NA
Balanced	24.04	-2.30	-16.9	5.6
Trust for Professional Ma:				
PrfTrtStrtBd Ins	21.86	-1.13	-3.3	12.1
SmeadValueInstl	33.39	-4.65	-33.7	-7.6
Tweedy Browne Fds:				
GblValue n	20.34	-1.69	-27.3	-15.6

U V

Fund	NAV	Net Chg.	YTD % Ret.	3-Yr. % Ret.
Ultimus:				
LyricalUSVIEqI	7.93	NA	NA	NA
UM Funds:				
BehavVal	31.88	NA	NA	NA
USAA Group:				
500Indx Reward n	32.98	NA	NA	NA
CA Bd n	11.01	NA	NA	NA
CapGr n	7.73	NA	NA	NA
CrnrsMod n	12.39	NA	NA	NA
CrnstModAggr n	20.49	NA	NA	NA
ExtMktIn n	12.25	NA	NA	NA
Gr&Inc n	14.74	NA	NA	NA
Gr&TxStr n	18.86	NA	NA	NA
Grwth n	20.60	NA	NA	NA
HiIncm n	6.41	NA	NA	NA
Inco n	12.78	NA	NA	NA
IncStk n	12.81	NA	NA	NA
Intl n	16.63	NA	NA	NA
IntmTerm n	13.19	NA	NA	NA
LgTerm n	13.05	NA	NA	NA
Nasdaq100 n	20.04	NA	NA	NA
ntTerBd n	10.29	NA	NA	NA
PrecMM n	11.94	NA	NA	NA
S&PIdx n	32.96	NA	NA	NA
SciTech n	17.01	NA	NA	NA
ShtT n	10.28	NA	NA	NA
ShtTBdA n	9.03	NA	NA	NA
SmCpStk n	9.69	NA	NA	NA
TarRet2020 n	10.41	NA	NA	NA
TarRet2030 n	10.01	NA	NA	NA
TarRet2040 n	9.51	NA	NA	NA
TarRet2050 n	9.54	NA	NA	NA
VA Bd n	11.11	NA	NA	NA
ValueFd n	10.24	NA	NA	NA
WldGr n	18.52	NA	NA	NA
VALIC:				
CoreBd	11.10	-0.50	-4.1	8.0
CoreVal	8.13	-0.93	-30.7	-11.9
FrgnVal	6.14	-0.86	-37.4	-35.1
GlobEq	5.98	-1.05	-30.9	-17.4
HighYdBd	6.38	-0.75	-19.4	-4.9
HlthSci	16.80	-1.66	-21.3	16.4
InflPro	10.20	-0.68	-8.9	0.4
IntlEq	4.94	-0.56	-31.6	-17.1
IntlGro	9.73	-1.29	-24.4	9.3
IntlSmCpEq	13.82	-1.92	-33.1	-11.1
LgCpGro	13.29	-1.61	-23.1	26.7
MidCpIdx	15.46	-2.68	-35.9	-20.9
MidCpVal	11.62	-2.52	-39.3	-26.7
SciTech	21.53	-2.15	-19.9	37.0
SmCpIdx	11.43	-1.62	-36.4	-21.4
SocResp	18.10	-2.37	-25.4	5.8
StckIdx	31.61	NA	NA	NA
StraBd	10.31	-0.74	-10.2	1.7
ValUltra	13.70	NA	NA	NA
Value Line Funds:				
AstAlcCllnv n	32.63	-3.26	-15.2	18.6
Van Eck Funds:				
EmgMktsY	12.74	NA	NA	NA
VANGUARD ADMIRAL:				
400MCpIdxInst	177.23	-30.81	-35.9	-20.2
500Adml n	222.25	-27.82	-25.1	7.4
BalAdml n	32.57	-2.94	-17.0	7.7
CAITAdml n	11.37	-0.54	-5.5	6.5
CALTAdml n	11.66	-0.66	-6.5	8.8
CapOpAdml nr	113.97	-14.19	-27.8	5.8
CoStIxAd nr	66.67	-3.41	-15.8	3.0
DivAppIdxAdm n	26.75	-2.45	-21.0	14.2
EMAdmr n	25.98	-4.11	-29.7	-14.9
EnergyAdml nr	42.95	-9.24	-51.7	-50.8
EqIncAdml n	57.19	-7.38	-28.1	-4.4
EuropeAdml n	47.60	-6.78	-34.9	-18.5
ExplrAdml n	63.96	-10.09	-34.2	-2.6
ExtndAdml n	62.19	-10.50	-35.0	-15.1
FinIxdAd nr	23.79	-4.40	-37.4	-18.6
GlobxUSREInx n	22.21	-5.98	-37.8	-19.2
GNMAAdml n	10.49	-0.09	0.0	9.3
GroIncAdml n	62.86	-8.39	-25.9	4.7
GrwthAdml n	74.82	-9.07	-20.3	23.3
HltClxAd nr	76.42	-7.92	-20.1	15.1
HlthCareAdml nr	70.90	-6.44	-19.2	8.4
HYCorAdml nr	4.92	-0.54	-16.5	-0.8
InfProAd n	24.82	-0.93	-4.3	4.4
InfTechIdx n	100.12	-12.62	-19.9	49.7
IntlGrAdml n	77.99	-8.47	-24.1	11.6
ITBondAdml n	11.58	-0.48	-1.4	12.0
ITCorpIx n	22.22	-1.90	-9.1	6.6
ITIGradeAdml n	9.52	-0.54	-4.7	8.5
ITsryAdml n	11.77	-0.09	4.0	13.5
ITTresIdx n	23.13	-0.16	4.0	13.5
LarCapAd n	55.94	-7.07	-25.1	7.4
LTGradeAdml n	9.66	-1.27	-11.1	12.8
LTsryAdml n	14.11	-0.80	8.0	31.8
LTTresIdx n	30.12	-1.67	8.0	32.2
MatIdx nr	45.43	-4.89	-33.2	-20.9
MidCpAdml n	150.37	-23.12	-31.5	-8.8
MrgBkdIdx n	21.07	-0.27	0.4	10.1
MuHYAdml n	10.82	-0.63	-7.2	10.1
MuIntAdml n	13.65	-0.61	-5.2	6.7
MuLTAdml n	11.13	-0.57	-5.9	9.4
MuLtdAdml n	10.69	-0.29	-3.1	3.7
MuShtAdml n	15.56	-0.22	-1.5	3.2
NJLTAdml n	11.54	-0.59	-6.6	11.6
NYLTAdml n	11.20	-0.56	-5.9	8.1
PacifAdml n	61.16	-6.08	-28.9	-15.1
PALTAdml n	11.17	-0.54	-5.2	10.9
PrmcpAdml nr	105.89	-12.70	-26.6	10.1
RealEstatAdml n	89.25	-23.59	-31.6	-13.0
S&PSC600Idx	191.13	-27.21	-37.6	-21.9
SmCapAdml n	50.51	-8.46	-36.1	-17.6
SmGthAdml n	47.56	-6.99	-31.8	-1.8
STBondAdml n	10.61	-0.10	0.8	8.2
STCorpIx n	20.92	-0.86	-4.6	4.7
STFedAdml n	10.85	-0.05	1.6	8.0
STIGradeAdml n	10.36	-0.33	-2.9	5.4
STIPSIxAdm n	24.03	-0.37	-2.7	3.0
STsryAdml n	10.74	-0.04	1.7	7.2
STTresIdx n	20.59	-0.01	1.9	7.3
TotBdAdml n	10.87	-0.36	-1.1	11.1
TotIntBdIdxAdm n	22.36	-0.55	-1.4	12.8
TotIntlAdmIdx nr	20.27	-2.75	-32.1	-17.0
TotStAdml n	58.48	-7.66	-26.6	3.7
TxMBal nr	28.94	-2.43	-15.5	7.0
TxMCapAdml n	123.38	-16.21	-25.6	6.5
TxMIn nr	9.51	-1.22	-32.7	-17.5
TxMSC nr	42.54	-5.99	-37.3	-21.4
USGroAdml n	89.95	-9.83	-19.3	31.0
UtilIxAd nr	57.22	-5.70	-19.7	11.2
ValAdml n	32.82	-4.33	-29.8	-6.4
WdsrIIAdml n	44.91	-6.63	-30.5	-9.1
WellsIAdml n	57.54	-4.55	-13.1	6.7
WelltnAdml n	59.86	-6.56	-20.1	4.6
WndsrAdml n	46.93	-7.57	-35.1	-17.0
VANGUARD FDS:				
CAIT n	11.37	-0.54	-5.5	6.2
CALT n	11.66	-0.66	-6.5	8.5
CapOp nr	49.35	-6.15	-27.8	5.5
CapValue n	9.88	-1.48	-32.1	-15.4
DivdGro n	23.50	-2.89	-23.1	12.7
DivrEq n	27.58	-3.75	-27.4	3.5
EmgMktSelStk n	15.13	-2.78	-34.5	-18.2
Energy nr	22.89	-4.93	-51.7	-51.0
EqInc n	27.28	-3.52	-28.1	-4.6
Explr n	68.75	-10.85	-34.2	-3.0
EXPValFd n	20.75	-4.89	-43.4	-30.5
FTAIWldInAdml n	22.87	-3.01	-31.5	-15.9
GlbCapCyl Inv nr	5.66	-0.59	-32.1	-41.7
GlbEq n	22.72	-3.06	-28.5	-0.9
GlobMinVolFdInv n	10.85	-1.31	-25.3	-1.0
GloMinVolFdAdm n	21.70	-2.63	-25.4	-0.9
GNMA n	10.49	-0.09	-0.1	9.0
GroInc n	38.51	-5.13	-25.9	4.4
HlthCare nr	168.11	-15.27	-19.3	8.2
HYCor nr	4.92	-0.54	-16.5	-1.1
InflaPro n	12.61	-0.48	-4.3	4.0
IntlExplr n	11.25	-1.74	-37.2	-25.9
IntlGr n	24.52	-2.66	-24.1	11.2
IntlVal n	24.74	-3.10	-34.1	-19.6
INSTTRF2015	20.21	-1.26	-12.1	6.0
INSTTRF2020	20.25	-1.58	-16.0	3.9
INSTTRF2025	20.12	-1.81	-18.6	2.5
INSTTRF2030	19.93	-1.95	-20.7	1.2
INSTTRF2035	19.73	-2.09	-22.6	-0.1
INSTTRF2040	19.53	-2.23	-24.5	-1.5
INSTTRF2045	19.30	-2.34	-26.3	-3.1
INSTTRF2050	19.33	-2.34	-26.3	-3.1
INSTTRF2055	19.40	-2.35	-26.3	-3.1
INSTTRF2060	19.43	-2.35	-26.3	-3.1
INSTTRFINC	20.30	-1.12	-10.3	5.8
ITIGrade n	9.52	-0.54	-4.7	8.2
ITTsry n	11.75	-0.09	4.0	13.1
LifeCon n	18.29	-1.26	-13.0	5.4
LifeGro n	27.53	-3.05	-23.8	-1.5
LifeInc n	15.03	-0.74	-7.3	8.5
LifeMod n	23.50	-2.11	-18.6	2.0
LTIGrade n	9.66	-1.27	-11.1	12.4
LTTsry n	14.11	-0.80	8.0	31.4
MATxEx n	10.39	-0.50	-5.9	8.6
MgdPayFdInv n	13.30	-1.33	-21.0	-5.9
MidCpGro p	18.97	-2.85	-29.0	3.6
MuHY n	10.82	-0.63	-7.2	9.8
MuInt n	13.65	-0.61	-5.2	6.5
MuLong n	11.13	-0.57	-5.9	9.1
MuLtd n	10.69	-0.29	-3.2	3.5
MuSht n	15.56	-0.22	-1.5	3.0
NYLT n	11.20	-0.56	-6.0	7.8
OHLTte n	12.05	-0.60	-5.4	9.3
Primcp nr	102.17	-12.25	-26.6	9.9
PrmcpCor n	19.74	-2.56	-29.3	0.6
SelValu nr	15.33	-3.17	-43.4	-33.5
STAR n	21.87	-2.20	-20.0	4.2
STFed n	10.85	-0.05	1.6	7.6
STIGrade n	10.36	-0.33	-2.9	5.1
STIPSIxInv n	24.00	-0.37	-2.7	2.8
StratgcEq n	20.71	-3.82	-38.1	-23.8
StrSmCpEqInv n	19.69	-3.53	-40.4	-30.6
STTsry n	10.74	-0.04	1.6	6.9
TgtRe2015 n	13.34	-0.84	-12.1	5.7
TgtRe2020 n	27.32	-2.13	-16.0	3.7
TgtRe2025 n	16.14	-1.46	-18.6	2.3
TgtRe2030 n	28.93	-2.83	-20.6	1.1
TgtRe2035 n	17.43	-1.84	-22.6	-0.2
TgtRe2040 n	29.54	-3.36	-24.5	-1.6
TgtRe2045 n	18.21	-2.21	-26.3	-3.2
TgtRe2050 n	29.32	-3.56	-26.3	-3.2
TgtRe2060 n	28.13	-3.41	-26.3	-3.2
TgtRe2055 n	31.83	-3.87	-26.3	-3.3
TgtRetInc n	12.60	-0.70	-10.3	5.7
TotIntBdIxInv n	11.13	-0.28	-1.4	12.7
USGro n	34.72	-3.80	-19.3	30.6
USValue n	11.93	-2.15	-36.2	-24.0
WellsI n	23.75	-1.88	-13.1	6.5
Welltn n	34.66	-3.80	-20.1	4.4
Wndsr n	13.92	-2.24	-35.1	-17.2
WndsrII n	25.31	-3.74	-30.5	-9.4
VANGUARD INDEX FDS:				
500 n	222.27	-27.83	-25.1	7.1
ExtndIstPl	153.46	-25.93	-35.0	-15.0
FTAIWdInPl	76.78	-10.11	-31.5	-15.8
Growth n	74.82	-9.08	-20.3	22.9
ITCorpIxInst	27.46	-2.35	-6.7	9.4
ITTresIdx Inst	28.64	-0.19	4.0	13.6
LTTresIdx Inst	38.23	-2.12	8.0	32.2
MdCpGrAdml n	49.86	-7.09	-26.9	4.7
MdCpVlAdml n	39.15	-6.54	-36.1	-20.8
MidCp n	33.15	-5.10	-31.5	-9.2
RUSS2000IdxInst	162.21	-23.05	-36.3	-20.5
SmCap n	50.50	-8.46	-36.2	-17.9
SmValAdml n	35.40	-6.60	-39.7	-29.1
TotBd n	10.87	-0.36	-1.1	10.7
TotBd2 n	10.81	-0.37	-1.3	10.7
TotIntl n	12.11	-1.65	-32.2	-17.2
TotSt n	58.45	-7.66	-26.6	3.4
VANGUARD INSTL FDS:				
BalInst	32.58	-2.93	-17.0	7.7
DevMktsIndInst	9.53	-1.21	-32.7	-17.4
DevMktsInxInst	14.89	-1.90	-32.7	-17.4
EmgMktInstPl	65.72	-10.40	-29.7	-14.8
EmMkInst r	19.76	-3.12	-29.7	-14.8
EuroInst	20.30	-2.89	-34.9	-18.5
ExDurTrsInst	44.22	-3.03	12.7	48.0
ExtDurTreInstPl	110.60	-7.63	12.7	48.0
ExtndInst	62.18	-10.51	-35.0	-15.0
FTAIWdIdst r	72.50	-9.54	-31.5	-15.9
FTScinst	16.35	-2.25	-25.3	11.2
GrwthInst	74.82	-9.08	-20.3	23.4
InPrSeIn	10.09	-0.38	-4.3	4.4
InstIdx	217.39	-27.18	-25.1	7.4
InstPlus	217.40	-27.19	-25.1	7.5
InstTStIdx	50.37	-6.61	-26.6	3.7
InstTStPlus	50.38	-6.60	-26.6	3.8
ITBdInst	11.58	-0.48	-1.4	12.1
ITBdInstPl	11.58	-0.48	-0.4	13.3
LaCapInst	230.24	-29.09	-25.1	7.4
LTBdInst	14.29	-1.41	-5.2	19.3
LTBdInstPl	14.29	-1.41	-3.6	21.4
LTCorpIxinst	28.30	-3.92	-15.2	8.8
MidCpInst	33.22	-5.10	-31.5	-8.8
MidCpIstPl	163.82	-25.19	-31.5	-8.8
RealEstaInstl	13.81	-3.65	-31.7	-13.0
Rs1000GrwIdxInst	276.95	-32.79	-20.4	27.4
Rs1000VlIdxInst	159.56	-23.26	-31.8	-13.9
Russ1000IdxInst	211.80	-27.64	-25.9	5.6
Russ2000GrIxInst	198.76	-26.53	-33.0	-9.3
Russ3000Idx	208.06	-27.33	-26.6	3.6
SmCapInst	50.50	-8.47	-36.1	-17.6
SmCapIstPl	145.77	-24.44	-36.1	-17.6
SmGthInst	38.09	-5.59	-31.8	-1.8
SmValInst	19.79	-3.69	-39.7	-29.1
STBdIdxInstPl	10.61	-0.10	1.0	8.4
STBDInst	10.61	-0.10	0.8	8.2
STCorpIxInst p	25.61	-1.06	-4.6	4.7
STIGradeInst	10.36	-0.33	-2.9	5.5
STIPSIxins	24.11	-0.37	-2.6	3.1
STTresIdx	25.87	-0.02	1.9	7.4
TotBdInst	10.87	-0.36	-1.1	11.1
TotBdInst2	10.81	-0.37	-1.3	10.9
TotBdInstPl	10.87	-0.36	-1.1	11.1
TotIntBdIdxInst	33.40	-0.83	-1.4	12.9
TotIntlInstIdx r	81.05	-11.00	-32.2	-17.0
TotItlInstPlId r	81.06	-11.01	-32.2	-16.9
TotStInst	58.49	-7.66	-26.6	3.7
TtlWrldIxInst p	117.43	-15.55	-29.0	-5.9
TxMCaInst r	61.31	-8.06	-25.6	6.6
TxMSCInst r	42.64	-6.00	-37.3	-21.3
ValueInst	32.82	-4.33	-29.8	-6.4
Victory Funds:				
EstValA	25.56	NA	NA	NA
EstValI	25.60	NA	NA	NA
EstValR p	25.19	NA	NA	NA
LgCpAlphaA	33.49	NA	NA	NA
SmCap Grwth p	50.43	NA	NA	NA
SmCoOppI	28.14	NA	NA	NA
VirtusFunds:				
CeredexLgCpVlEqI	9.24	-1.36	-33.4	-13.1
CeredexMdCpVlEqI	7.76	-1.51	-39.8	-21.6
GvSecUltShtBdI	9.97	-0.05	0.1	5.2
VirtusFunds Cl A:				
MulSStA p	4.35	-0.25	-7.3	-0.1
SmCapSusA	30.51	-3.61	-23.6	49.8
StratGrA p	14.57	-1.61	-20.1	25.5
TactAllA p	8.31	NA	NA	NA
VirtusFunds Cl C:				
MulSStC p	4.41	-0.26	-7.3	-0.8
VirtusFunds Cl I:				
EmMktI	8.26	-1.35	-28.5	-12.9
ForOppI	22.23	-2.57	-26.2	-1.1
IntSmCapI	12.22	-2.63	NA	NA
MulSStI	4.36	-0.25	-7.2	0.9
QualitySmCapI	13.70	-1.80	-28.8	-14.7
SmCapSusI	31.24	-3.70	-23.6	50.9
SmCpCorI	30.76	-3.89	-25.0	30.3
Vivaldi Merger:				
Arbitrage Fund	10.14	-0.17	-3.5	7.2
Voya Fds:				
GrOppI	38.12	-4.87	-20.8	22.9
InmdBdI	9.70	-0.66	-5.6	7.8
TRPGrEqI	63.11	-7.99	-22.5	20.9

W X Y Z

Fund	NAV	Net Chg.	YTD % Ret.	3-Yr. % Ret.
Wasatch:				
CoreGr n	49.07	-8.39	-31.7	4.2
IntlGr n	21.03	-3.38	-32.2	-9.1
MicCap n	5.15	-0.73	-32.4	26.3
SmCapGr n	26.88	-4.69	-31.3	15.3
UltraGr n	20.90	-2.88	-26.5	37.9
WCM Focus Funds:				
WCMFocIntlGrwIns	14.16	-1.91	-25.1	11.9
Weitz Funds:				
PIIIOpp	12.70	-1.24	-20.7	0.3
ShtDurIncInst	11.86	-0.41	-2.9	3.7
ValueInv n	35.68	-4.79	-23.9	4.8
Wells Fargo Adv Admi:				
Growth	30.24	NA	NA	NA
MdCpValAdm	26.44	NA	NA	NA
Wells Fargo Adv Cl A:				
AstAllA p p	11.24	NA	NA	NA
CA TF A	11.52	NA	NA	NA
CmStkA p p	11.30	NA	NA	NA
DivCapBldr	8.11	NA	NA	NA
IdxAstAllA	31.02	-2.40	-14.1	8.2
OmegaGwth	41.38	NA	NA	NA
OpptyA	30.60	NA	NA	NA
PremLgCoGrthA	10.61	NA	NA	NA
SpSmCpValA p p	21.64	NA	NA	NA
StrMunA	8.92	NA	NA	NA
Wells Fargo Adv Inst:				
CoreBd	12.85	NA	NA	NA
Growth	33.62	NA	NA	NA
MdCpVal	26.63	NA	NA	NA
UlStInc	8.31	NA	NA	NA
UlStMuInc	9.53	NA	NA	NA
Western Asset:				
CoreBondA	12.30	NA	NA	NA
CoreBondI	12.30	NA	NA	NA
CoreBondIS	12.31	NA	NA	NA
CorePlusBdA	10.95	NA	NA	NA
CorePlusBdI	10.97	NA	NA	NA
CorePlusBdIS	10.96	NA	NA	NA
IntermedBdI	10.62	NA	NA	NA
IntermTermMuniA	6.14	NA	NA	NA
IntermTermMuniI	6.14	NA	NA	NA
ManagedMuniA	15.44	NA	NA	NA
ManagedMuniI	15.47	NA	NA	NA
MortgBackSecA	10.26	NA	NA	NA
ShortTermBdIS	3.82	NA	NA	NA
TotalRetUnconI	9.34	NA	NA	NA
Westwood:				
IncomeOppI	10.19	-1.15	-20.1	-4.9
Wilmington Funds:				
BroadMktBdInst	9.61	-0.34	-2.2	8.6
Intl Inst	6.20	-0.79	-30.6	-14.1
LgCpStrInst	18.22	-2.36	-25.6	5.9
Wm Blair Funds Cl I:				
IntlGthI r	21.32	-3.57	-29.8	-8.7
SmMidI r	19.17	-3.19	-29.0	8.3
Wm Blair Funds Inst:				
IntlGth	12.22	-2.01	-29.6	-8.0
Wm Blair Funds R6:				
EmgMktGth	10.10	-2.03	-27.5	-3.6
361 Global Long/Shor:				
Equity Fund	9.52	-0.75	-15.3	-7.8

Scoreboard: Gimme Shelter

▶As Covid-19 tightened its grip on the world, U.S. stocks and bonds both took big hits, led by international real estate funds, which plunged 21.19%. Eking out a gain: telecom, connecting a world in lockdown.

	One Week	Year-to-Date
U.S. STOCK FUNDS	– 5.51%	– 30.34%
TOP SECTOR / Telecommunication Funds	0.37	– 17.87
BOTTOM SECTOR / International Real Estate Funds	– 21.19	– 37.12
S&P 500	– 2.87	– 25.42
U.S. BOND FUNDS	– 5.92	– 7.34
Bloomberg Barclays AGG Bond	– 2.54	1.34

THE WEEK'S TOP 25

Fund	Investment Objective	One Week	Year-to-Date
ABR Dyn Bl Eq&Vol Inst / ABRVX	Large-Cap Core	20.00%	57.4%
Nvgtr Sentry Mgd Vol I / NVXIX	Equity Mkt Neutral	7.75	49.5
Savos Dynamic Hedging / SVDHX	Abs Return	5.86	– 3.2
Fidelity Sel Comm Eqp / FSDCX	Science & Tech	5.57	– 23.3
Fidelity Adv Com Eqp A / FDMAX	Science & Tech	5.53	– 23.6
RvrPrk Lng/Sh Oppty Inst / RLSIX	Alt Long/Short Eq	4.55	2.1
Nuance Conc Val L/S Inst / NCLSX	Alt Long/Short Eq	4.12	– 0.4
Access One Fx Br HY Inv / AFBIX	Specialty Fixed In	3.96	16.2
Leigh Baldwin Total Rtn / LEBOX	Alt Long/Short Eq	3.94	0.4
Catalyst Insidr Buying I / INSIX	Multi-Cap Growth	3.90	– 22.1
DFA Japan Sm Co I / DFJSX	Japanese	3.76	– 28.9
Commonwealth Japan / CNJFX	Japanese	3.56	– 24.4
Putnam PnAgo Mgnd FS A / PPMFX	Alt Mgd Futures	3.45	10.5
Rydex Telecom Inv / RYMIX	Telecommunication	3.30	– 15.7
Longboard Alt Growth I / LONGX	Alt Long/Short Eq	3.07	– 3.4
Cognios Mkt Ntrl LC Inst / COGIX	Equity Mkt Neutral	3.06	0.3
Am Beacon AHL Mg FS Y / AHLYX	Alt Mgd Futures	2.66	10.2
Beacon Accl Rtn Str Inst / BARLX	Abs Return	2.62	– 24.0
Rydex Inv Hi Yld Str H / RYIHX	Specialty Fixed In	2.49	16.1
Matthews Itl Jpn Inv / MJFOX	Japanese	2.41	– 22.9
Fidelity Sel Telecomm / FSTCX	Telecommunication	2.39	– 13.2
Fulcrum Dvsfd AR SInst / FARYX	Abs Return	2.26	2.8
Firsthand Tech Opptys / TEFQX	Science & Tech	2.19	– 15.4
Heartland Value + Inv / HRVIX	Small-Cap Value	2.19	– 29.0
Lazard Gl Lstd Infr Inst / GLIFX	Glb Infrastructure	2.04	– 20.7

THE WEEK'S BOTTOM 10

Fund	Investment Objective	One Week	Year-to-Date
DFA Intl Real Estate I / DFITX	Intl Real Estate	– 29.34%	– 44.5%
DFA UK Sm Company I / DFUKX	European Region	– 25.62	– 50.7
Invsc Oppen SP MLP A+ A / MLPLX	Energy MLP Funds	– 24.36	– 73.2
Virtus D&P Intl Rl Es I / PXRIX	Intl Real Estate	– 23.84	– 39.4
SCM Shelton BDC Inc Inv / LOANX	Financial Services	– 23.16	– 43.7
PGIM Real Estate Inc Z / PRKZX	Real Estate	– 22.40	– 42.1
Cohen&Steers Itl Rlty I / IRFIX	Intl Real Estate	– 21.79	– 36.8
Morg Stan I IRE I / MSUAX	Intl Real Estate	– 21.41	– 38.9
RMB Inv Fincl LS I / RMBIX	Alt Long/Short Eq	– 21.37	– 62.7
Goldman Intl Rl Est P / GGEPX	Intl Real Estate	– 21.22	– 37.4

THE LARGEST 25

Fund	Assets (billions)	Investment Objective	3-Year* Return	1-Week Return	YTD Return
Fidelity Contrafund / FCNTX	$91.3	Large-Cap Growth	7.2%	– 1.25%	– 19.1%
Vanguard Wellington Adm / VWENX	89.7	Mix Tgt All Gro	1.5	– 4.79	– 20.1
American Funds Gro A / AGTHX	89.4	Large-Cap Growth	4.1	– 3.42	– 22.1
American Funds Bal A / ABALX	74.9	Mix Tgt All Gro	1.8	– 5.04	– 17.9
PIMCO Income Inst / PIMIX	72.4	Multi-Sector Inc	0.9	– 6.82	– 11.0
American Funds Inc A / AMECX	71.4	Mix Tgt All Mod	– 1.2	– 4.57	– 22.0
American Funds EuPc R6 / RERGX	70.8	Intl Large-Cap Growth	– 3.3	– 7.29	– 30.7
Dodge & Cox Income / DODIX	66.0	Core Bond	2.3	– 5.43	– 5.7
Dodge & Cox Stock / DODGX	64.9	Large-Cap Value	– 5.4	– 3.25	– 34.4
American Funds CIB A / CAIBX	62.2	Global Equity Income	– 2.3	– 4.34	– 21.8
American Funds ICA A / AIVSX	57.5	Large-Cap Core	– 0.7	– 2.64	– 25.2
American Funds Wash A / AWSHX	56.6	Large-Cap Core	0.1	– 4.71	– 28.0
Vanguard PRIMECAP Adm / VPMAX	56.2	Large-Cap Core	3.2	– 1.92	– 26.6
PIMCO Tot Rtn Inst / PTTRX	53.9	Core Plus Bond	3.1	– 4.88	– 2.7
American Funds FInv A / ANCFX	51.6	Large-Cap Core	– 0.3	– 5.28	– 28.1
DoubleLine Tot Rtn I / DBLTX	50.1	US Mortgage	3.0	– 4.42	– 1.7
American Funds CWGI A / CWGIX	48.9	Global Large-Cap Core	– 2.1	– 5.16	– 27.9
MetWest Total Rtn I / MWTIX	48.3	Core Plus Bond	3.1	– 4.98	– 2.8
Vanguard Wellesley Adm / VWIAX	46.4	Mix Tgt Alloc Con	2.2	– 4.77	– 13.1
Fidelity Str Adv Cre Inc / FPCIX	46.3	General Bond	2.9	– 4.93	– 4.0
Vanguard Sh-Tm Inv Adm / VFSUX	44.9	Short Inv Grade	1.8	– 3.31	– 2.9
Vanguard Tgt Ret2025 Inv / VTTVX	44.8	Mixed-Asset Target 2025	0.8	– 4.50	– 18.7
Dodge & Cox Intl Stock / DODFX	43.1	Intl Large-Cap Core	– 11.0	– 7.21	– 38.0
American Funds NPer A / ANWPX	43.0	Global Large-Cap Growth	2.0	– 5.12	– 26.3
T Rowe Price BC Gro / TRBCX	42.6	Large-Cap Growth	9.3	– 2.47	– 20.1

*Annualized 03/16/2017 to 03/19/2020. Through Thursday.

Source: Lipper

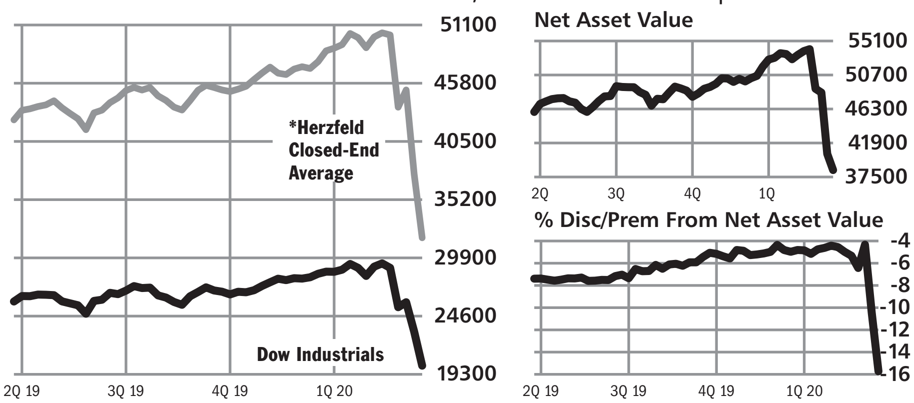
Weekly Closed-End Funds

Data provided by LIPPER

NOTICE TO READERS: Due to technical difficulties at Lipper, we are unable to run this weeks Closed End Funds data.

TRACKING CLOSED - END FUNDS

Deep Discounts: Both the Herzfeld Average and the Dow got pummeled in the week ended Thursday—dropping 10.3% and 5.3%, respectively. The Herzfeld Average now trades at a 15.5% discount to net asset value, a level not seen since April of 2009.



The Herzfeld Closed-End Average measures 15 equally-weighted closed-end funds based in the U.S. that invest principally in American equities. The net assest value is a weighted average of the funds' NAVs. Source: Thomas J. Herzfeld Advisors Inc., Miami. 305-271-1900/www.herzfeld.com

WEEKLY DJ TRANSPORT AVERAGE

The weekly Dow Transports; with a high/low range based upon the daily closing average.

Week Ended		First	High	Low	Last	Chg.
2020						
Mar	**20**	7023.44	7468.23	6837.72	6837.72	– 1101.68
	13	8083.49	8520.84	7259.02	7939.40	– 1016.66
	6	9475.68	9512.05	8956.06	8956.06	– 432.13
Feb	**28**	10509.92	10509.92	9388.19	9388.19	– 1520.75
	21	10865.58	11032.96	10865.58	10908.94	+ 46.02
	14	10866.58	11003.45	10862.92	10862.92	+ 5.19
	7	10590.66	10928.84	10590.66	10857.73	+ 290.99
Jan	**31**	10796.83	10905.64	10566.74	10566.74	– 493.10
	24	11075.01	11143.42	10999.36	11059.84	– 219.01
	17	11062.74	11304.97	11062.74	11278.85	+ 304.97
	10	10848.73	11025.82	10848.73	10973.88	+ 62.48
	3	10874.58	10994.31	10874.58	10911.40	– 25.30
2019						
Dec	**27**	10912.68	10950.60	10912.68	10936.70	+ 35.97
	20	10867.32	10900.73	10779.78	10900.73	+ 124.97
	13	10676.51	10789.41	10629.87	10775.76	+ 67.22
	6	10734.85	10734.85	10499.29	10708.54	– 149.03
Nov	**29**	10948.50	10970.23	10857.57	10857.57	+ 72.42
	22	10879.09	10879.09	10681.29	10785.15	– 91.14
	15	11029.55	11029.55	10842.63	10876.29	– 190.87
	8	10982.15	11091.37	10982.15	11067.16	+ 328.35
	1	10853.36	10853.36	10498.86	10738.81	– 117.60
Oct	**25**	10652.12	10856.41	10652.12	10856.41	+ 347.67
	18	10256.10	10508.74	10256.10	10508.74	+ 216.76
	11	10014.56	10291.98	9829.20	10291.98	+ 262.14
	4	10363.58	10363.58	9884.35	10029.84	– 311.43

YEARLY HIGH/LOWS DOW JONES STOCK AVERAGES

	Dow Industrials				Dow Transportation Cos.			
Year	**High**	**Date**	**Low**	**Date**	**High**	**Date**	**Low**	**Date**
2020	29551.42	Feb 12	19173.98	Mar. 20	11304.97	Jan. 16	6837.72	Mar. 20
2019	28645.26	Dec 27	22686.22	Jan. 3	11098.99	Apr. 24	8881.49	Jan. 3
2018	26828.39	Oct 3	21792.20	Dec. 24	11570.84	Sept. 14	8637.15	Dec. 24
2017	24837.51	Dec. 28	19732.40	Jan. 19	10697.21	Dec. 28	8783.74	May 18

WEEKLY DJ INDUSTRIAL AVERAGE

The weekly Dow Industrials; with a high/low range based upon the daily closing average.

Week Ended		First	High	Low	Last	Chg.
2020						
Mar	**20**	20188.52	21237.38	19173.98	19173.98	– 4011.64
	13	23851.02	25018.16	21200.62	23185.62	– 2679.16
	6	26703.32	27090.86	25864.78	25864.78	+ 455.42
Feb	**28**	27960.80	27960.80	25409.36	25409.36	– 3583.05
	21	29232.19	29348.03	28992.41	28992.41	– 405.67
	14	29276.82	29551.42	29276.34	29398.08	+ 295.57
	7	28399.81	29379.77	28399.81	29102.51	+ 846.48
Jan	**31**	28535.80	28859.44	28256.03	28256.03	– 733.70
	24	29196.04	29196.04	28989.73	28989.73	– 358.37
	17	28907.05	29348.10	28907.05	29348.10	+ 524.33
	10	28703.38	28956.90	28583.68	28823.77	+ 188.89
	3	28462.14	28868.80	28462.14	28634.88	– 10.38
2019						
Dec	**27**	28551.53	28645.26	28515.45	28645.26	+ 190.17
	20	28235.89	28455.09	28235.89	28455.09	+ 319.71
	13	27909.60	28135.38	27881.72	28135.38	+ 120.32
	6	27783.04	28015.06	27502.81	28015.06	– 36.35
Nov	**29**	28066.47	28164.00	28051.41	28051.41	+ 175.79
	22	28036.22	28036.22	27766.29	27875.62	– 129.27
	15	27691.49	28004.89	27691.49	28004.89	+ 323.65
	8	27462.11	27681.24	27462.11	27681.24	+ 333.88
	1	27090.72	27347.36	27046.23	27347.36	+ 389.30
Oct	**25**	26827.64	26958.06	26788.10	26958.06	+ 187.86
	18	26787.36	27025.88	26770.20	26770.20	– 46.39
	11	26478.02	26816.59	26164.04	26816.59	+ 242.87
	4	26916.83	26916.83	26078.62	26573.72	– 246.53
Sept	**27**	26949.99	26970.71	26807.77	26820.25	– 114.82
	20	27076.82	27147.08	26935.07	26935.07	– 284.45
	13	26835.51	27219.52	26835.51	27219.52	+ 422.06
	6	26118.02	26797.46	26118.02	26797.46	+ 394.18
Aug	**30**	25898.83	26403.28	25777.90	26403.28	+ 774.38
	23	26135.79	26252.24	25628.90	25628.90	– 257.11

TOP SAVINGS DEPOSIT YIELDS

Money Market Account[1]

Institution	Location	Telephone No.	Min. Deposit	Recent % Rate	Effect. % Yield
CIT Bank	Livingstn,NJ	(855)462-2652	1	1.78	(CD) 1.80
American Express	Salt Lake City,UT	(800)446-6307	1	1.69	(CD) 1.70
First Internet Bank	Indianapolis,IN	(888)873-3424	100	1.60	(CM) 1.61
BankDirect	Dallas,TX	(877)839-2737	10000	1.50	(CD) 1.51
Dollar Savings Direct	Ossining,NY	(866)395-8693	1	1.49	(CD) 1.50

Six-Month CDs[2]

Institution	Location	Telephone No.	Min. Deposit	Recent % Rate	Effect. % Yield
BankDirect	Dallas,TX	(877)839-2737	10000	1.24	(CD) 1.25
PenFed Credit Union	Alexandria,VA	(800)247-5626	1000	1.15	(MA) 1.15
TIAA Bank	Jackson,FL	(888)882-3837	5000	1.09	(CD) 1.10
First Internet Bank	Indianapolis,IN	(888)873-3424	1000	1.05	(CM) 1.06
Emigrant Direct	New York,NY	(800)836-1997	1000	1.00	(CD) 1.00

[1]Including passbook, statement savings, and bank-offered liquid asset accounts.

[2]Six-month CD yields assume reinvestment of principal and interest at the same rate for an additional six months.

Rates are the highest yields on six types of accounts offered by federally-insured banks and savings associations nationwide.

One-Year CDs

Institution	Location	Telephone No.	Min. Deposit	Recent % Rate	Effect. % Yield
CIT Bank	Livingstn,NJ	(855)462-2652	1000	1.84	(CD) 1.86
American Express	Salt Lake City,UT	(800)446-6307	1	1.83	(CD) 1.85
Barclays Bank	Wilmingtn,DE	(888)710-8756	1	1.83	(CD) 1.85
BankDirect	Dallas,TX	(877)839-2737	10000	1.74	(CD) 1.75
Discover Bank	Greenwood,DE	(800)347-7000	2500	1.73	(CD) 1.75

2½-Year CDs

Institution	Location	Telephone No.	Min. Deposit	Recent % Rate	Effect. % Yield
Discover Bank	Greenwood,DE	(800)347-7000	2500	1.73	(CD) 1.75
BankDirect	Dallas,TX	(877)839-2737	10000	1.50	(CD) 1.51
Community Commerce Bk	Los Angeles,CA	(323)268-6100	10000	1.40	(CM) 1.41
TIAA Bank	Jackson,FL	(888)882-3837	1000	1.19	(CD) 1.20
Bank OZK	New York,NY	(212)218-8383	1000	1.14	(CM) 1.15

Yields are based on the stated rate and compounding method in effect Friday and are subject to change. Phone to verify before investing or sending money.

(CC) Compounded continuously; (SA) compounded semiannually; (CD) compounded daily; (CA) compounded annually; (CM) compounded monthly; (SI) simple interest; (CQ) compounded quarterly

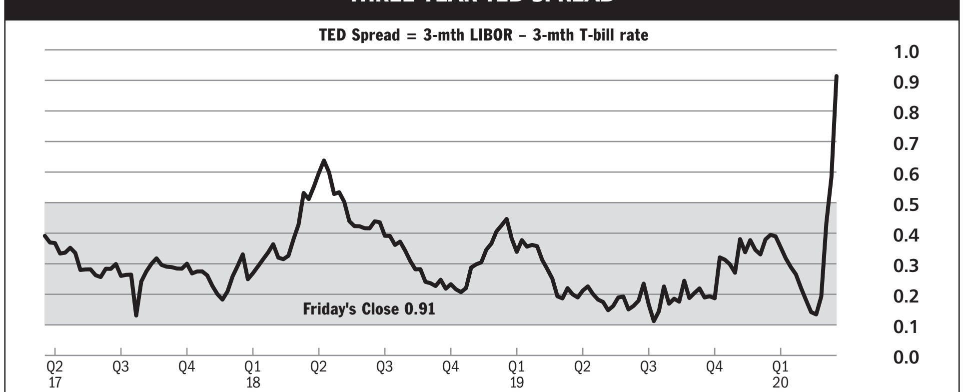
Five-Year CDs

Institution	Location	Telephone No.	Min. Deposit	Recent % Rate	Effect. % Yield
Travis CU	Concord,CA	(800)435-4040	500	2.23	(CM) 2.25
American Express	Salt Lake City,UT	(800)446-6307	1	1.98	(CD) 2.00
TIAA Bank	Jackson,FL	(888)882-3837	5000	1.88	(CD) 1.90
Barclays Bank	Wilmingtn,DE	(888)710-8756	1	1.83	(CD) 1.85
Discover Bank	Greenwood,DE	(800)347-7000	2500	1.78	(CD) 1.80

90-Day Jumbo CDs

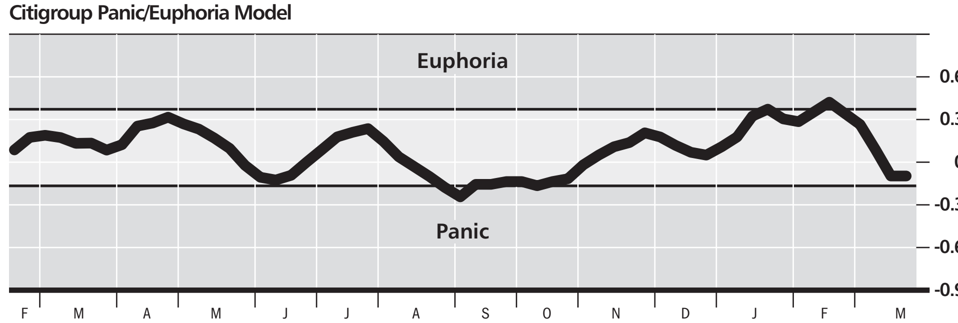
Institution	Location	Telephone No.	Min. Deposit	Recent % Rate	Effect. % Yield
First Internet Bank	Indianapolis,IN	(888)873-3424	1000	0.85	(CM) 0.86
TIAA Bank	Jackson,FL	(888)882-3837	5000	0.80	(CD) 0.80
Bank OZK	New York,NY	(212)218-8383	1000	0.75	(CM) 0.75
BankDirect	Dallas,TX	(877)839-2737	10000	0.75	(CD) 0.75
Popular Direct	New York,NY	(800)274-5696	10000	0.75	(CD) 0.75

THREE YEAR TED SPREAD



Market Sentiment LAST –0.08

Citigroup Panic/Euphoria Model



The panic/euphoria model is a gauge of investor sentiment. It identifies "Panic" and "Euphoria" levels which are statistically driven buy and sell signals for the broader market. Historically, a reading below panic supports a better than 95% likelihood that stock prices will be higher one year later, while euphoria levels generate a better than 80% probability of stock prices being lower one year later.

Source: Citigroup Investment Research - US Equity Strategy

Preferred Stock Listings

Includes preferred like and repackaged securities

NYSE AMER

Stock	Div	Yld	Close	Net Chg
ArconicPfd	.9375	4.8	77.92	–10.09
BancroftFdPfdA	.3359	5.8	23.00	–2.50
BluerockREITPfdC	.4766	12.9	14.80	–7.32
BluerockResPfD	.4453	13.8	12.90	–7.60
BluerockResPfdA	.5156	13.1	15.75	–7.05
cbdMD PfdA	.0667	28.1	2.85	–3.68
EllsworthPfdA	.3281	5.8	22.71	–2.11
GAMCOGlbGoldPfB	.3125	5.6	22.47	–2.08
GabelliPfdB	.50	4.1	49.30	–2.70
GabelliPfdA	.475	4.0	47.92	0.17
GabelliGoAnyPfdA	.50	4.9	40.50	0.15
HillmanGroupPfd	.2417	10.7	26.99	–3.25
IndxPlus03-1	.7565	5.6	26.83	–2.09
PacGE pfA	...		24.02	–3.88
PacGE pfB	...		21.64	–4.36
PacGE pfC	...		20.28	–2.87
PacGE pfD	...		20.00	–3.15
PacGE pfE	...		20.00	–3.00
PacGE pfG	...		19.54	–3.86
PacGE pfH	...		17.95	–2.72
PacGE pfI	...		18.52	–2.76
PlymouthREITPfdA	.4688	11.2	16.70	–6.20
PowerREIT PfdA	.4844	7.5	26.00	–0.40
RegionalHlthPfdA	...		2.00	–0.52
SachemNts2024	.4453	13.6	13.10	–6.91
SachemNts2023	.4297	13.5	12.75	–6.73
SoCA Ed pfB	.255	5.0	20.25	–1.23
SoCA Ed pfC	.265	4.8	21.91	0.46
SoCA Ed pfD	.27	5.4	20.15	–2.22
SoCA Ed pfE	.2988	4.8	24.80	5.23

NASDAQ

Stock	Div	Yld	Close	Net Chg
AGNC InvPfdC	.4375	10.1	17.33	–2.92
AGNC InvtPfdC	.4297	10.9	15.84	–4.86
AGNC InvtPfdE	.4063	10.6	15.35	–4.25
AGNC InvtPfdF	.2722	10.8	14.12	–3.63
AirTPfd	.433	1.1	19.00	–4.00
AmerFinPfdA	.4688	12.8	14.69	–2.84
AmerSvcFnclpf	.5281	8.5	24.89	–1.21
ArchCapitalPfdE	.3281	7.7	17.00	–5.75
ArchCapitalPfdF	.3406	7.6	17.88	–5.19
BOKFinNts2056	.3359	6.4	20.87	–2.61
B.Riley7.25%Nts	.4531	12.1	15.00	–4.30
B.RileyNts2023	.4609	10.9	16.89	–5.43
B.RileyNts2023	.4297	10.3	16.65	–4.16
B.RileyNts2024	.4219	10.6	15.95	–4.13
B.RileyNts2025	.3984	10.6	15.00	–3.40
B.RileyNts2027	.4688	11.9	15.75	–3.75
BRileyFinlPfdA	.4297	11.9	14.50	–4.49
BRileyFin6.50%SrNt	.4063	11.0	14.76	–4.62
BancFst pf	.45	6.8	26.59	–1.16
BlueknightEnPtrsA	.1787	18.7	3.82	–0.27
BrighthouseDeb58	.3906	8.2	19.04	–5.03
BrighthousePfdA	.4125	10.1	16.33	–8.49
BroadcomPfdA	20.0	10.1	790.00	–100.00
BPP 5.75%Pfd3A	...		10.06	–7.94
BrookfieldPropPfd	.4063	12.5	13.02	–9.87
BrookfieldPropP2A	.3984	13.0	12.25	–8.28
BrookfieldREITPfdA	.3984	14.0	11.40	–9.53
CHS Pfd	.50	7.8	25.75	–2.60
CHS PfdB	.4922	8.2	23.92	–2.46
CHS PfdB2	.4437	8.2	21.74	–3.52
CHS PfdB4	.4688	8.1	23.21	–2.94
CHS PfdB3	.4219	8.1	20.83	–4.58
CMFinNts2023	.3828	11.5	13.30	–8.73
CapSouthwstNts	.3719	7.5	19.89	–4.62
CapitalaFinNts22	.375	10.9	13.70	–7.91
ChickenSoupPfdA	.2031	14.5	16.85	–6.65
CommerceBcshPfB	.375	6.5	23.09	–2.47
ConiferNts2023	.4547	12.7	14.30	–0.70
Cowen7.35%Nts	.4594	12.0	15.30	–6.70
CowenNts2033	.4844	12.5	15.51	–7.61
DivrsHlthcrNts42	.3516	9.4	15.00	–2.53
DivrsHlthcrNts46	.3906	10.3	15.22	–2.88
eBay Nts2056	.375	6.4	23.60	–1.90
EnstarPfdD	.4375	9.7	18.12	–6.31
EnstarPfdE	.4375	8.6	20.45	–4.31
FidusNts2023	.3672	7.7	19.03	–4.59
FidusNts2024	.375	8.1	18.55	–5.45
FidusNts2024	.3359	8.1	16.50	–6.55
FifthThirdPfdB	.375	7.5	20.00	–4.75
FifthThirdPfdI	.4141	8.3	19.85	–5.30
FifthThirdPfdK	.3094	7.2	17.11	–5.09
FirstCitizensPfdA	...		17.87	–5.68
FirstInternetNt29	.375	9.4	16.00	–8.00
FirstInternetNts	.375	8.4	17.80	–6.95
GCI Liberty PfdA	.4375	7.9	22.25	–2.42
GeneralFin9%PfdC	2.30	10.5	87.75	–12.24
GeneralFinSrNt21	.5078	10.9	18.71	–6.28

Stock	Div	Yld	Close	Net Chg
GladstoneNts2023	.3828	7.6	20.10	–5.10
GladstoneNts2024	.3359	7.9	17.00	–6.20
GladstonePfdD	.1458	9.7	17.95	–6.32
GladstonePfdE	.138	8.8	18.87	–4.13
GladstonePfdD	.1302	8.6	18.09	–6.72
GladstoneInvPfdE	.1328	8.9	17.88	–6.92
GladstoneLandPfd	.1328	6.9	23.04	–1.71
GlbIndemnityNts	.4922	10.9	18.00	–5.09
GlobalIndemNt	.4844	11.8	16.36	–5.40
GolarLNG PfdA	.5469	27.3	8.02	–5.65
GreatElmNts22	.4063	12.5	12.98	–9.33
GreatElmNts24	.4108	12.4	13.10	–8.30
GreatElmNts25	.4219	11.7	14.38	–5.64
HancockNts2045	.3719	7.9	18.74	–5.07
HarvestCap6.125Nt	.3828	9.3	16.50	–7.89
HlthcrTrAmerPfdA	.1076	15.9	11.58	–10.38
HovnanianPfdA	...		2.45	–2.13
HuntingtonBcPfC	.3672	7.2	20.52	–3.88
HuntingtonBcPfD	.3906	7.2	21.63	–3.51
IberiabankPfdB	.8281	9.2	18.00	–8.30
IberiabankPfdC	.4125	8.5	19.49	–5.28
IBERIABANKPfdD	.8769	9.4	16.25	–6.78
InterstateP&LPfdD	.3187	5.9	21.61	–2.99
JMP Nts2027	.4531	11.5	15.70	–3.29
JMPGroup6.875%SrNt	.4297	10.6	16.18	–1.30
KCAPFinNts22	.3828	8.4	18.25	–5.65
LandmarkInfrPfdA	.50	10.1	19.73	–2.73
LandmarkInfrPfdB	.4938	10.9	18.11	–1.81
LandmarkPfd	.4375	9.4	19.10	–2.90
MTBC PfdA	.2292	13.6	20.29	–4.93
MedallionFinNts	.5625	10.7	21.00	–3.40
MitchamIndsPfdA	.5625	17.8	12.61	–0.54
MonroeCapNts23	.3594	8.5	17.01	–7.49
NatlGeneralPfdA	.4688	11.8	15.83	–7.85
NatlGeneralPfdC	.4688	14.3	13.11	–9.65
NatlGeneralPfdB	.4688	14.2	13.20	–9.55
NatlGeneralNts	.4766	11.2	17.05	–4.95
NavientNts2043	.375	8.9	16.85	–1.72
NewYorkMtgPfB	.4844	13.4	14.50	–3.75
NewYorkMtgPfdD	.50	15.6	12.82	–4.57
NewYorkMtgPfdE	.4758	15.1	13.04	–4.29
NY MtgPfdC	.4922	15.0	13.12	–5.55
NewtekNts2023	.3906	8.7	18.00	–6.25
NewtekNts2024	.3594	8.0	18.00	–6.15
NorthernTrPfdE	.4765	5.9	19.80	–4.16
OFSCap6.5%Nts25	.4063	9.5	17.03	–5.72
OFSCapNts2025	.3984	9.4	17.00	–5.00
OFSCapNts2026	...		16.84	–4.84
OfficePropNts46	.3672	8.9	16.44	–4.46
1347PropInsPfdA	.50	8.4	23.68	–1.63
OxfordLanePfd	.1563	9.5	19.75	–4.35
OxfordLanePfd2024	.1406	9.1	18.50	–4.25
OxfordLanePfd2027	.1302	8.4	18.50	–4.00
OxfordSquareNt24	.4063	9.7	16.83	–6.71
OxfordSquareNt26	.3906	10.6	14.75	–7.39
PennantPark5.50%Nt	.3438	9.2	15.00	–8.78
PeoplesUtdPfdA	.3516	7.3	19.35	–3.76
PopularCapPfd	.1276	6.7	22.99	–1.64
PopularPfd	.1396	7.2	23.15	–1.90
SLM Pfd B	.9705	15.1	26.80	–13.20
SVB Fin PfdA	.2406	7.0	18.69	–3.13
SotherlyHotelsPfB	.50	35.2	5.68	–2.38
SotherlyHotelsPfC	.4922	43.3	4.55	–3.95
SotherlyHtlsPfd	.5156	41.3	5.00	–3.51
SparkEnergyPfdA	.5469	14.9	14.70	–6.30
StarBulkNts22	.5188	11.4	18.25	–4.25
TCF Fin PfdC	.3562	7.9	18.03	–6.07
TexasCapNts	.4063	9.0	18.02	–6.62
TexasCapPfd	.4063	9.2	17.73	–6.14
TravelCtrsNt28	.5156	12.7	16.20	–7.51
TravelCtrsNt29	.50	12.6	15.85	–7.61
TravelCtrsNt30	.50	12.5	16.00	–7.15
TriStateCapPfA	.4219	8.6	19.53	–4.57
TriStateCapPfB	.3984	8.7	18.37	–7.48
ValleyNatlPfdA	.3906	7.0	22.40	–0.93
ValleyNatlPfdB	.3438	7.2	19.07	–4.29
WatfordPfd	.5352	9.0	24.50	...
WhiteHorseNts2025	.4063	8.1	20.00	–3.96
WintrustFinPfd	.41	7.2	22.73	–2.45
ZionsBancorpPfdG	.3938	6.5	24.15	0.65
ZionsBancorpPfdH	.3594	6.6	21.69	–2.13
ZionsBncpPfdA	.2528	4.5	22.41	2.58

NYSE

Stock	Div	Yld	Close	Net Chg
AG Mortgage PfdC	.50	15.1	13.24	–6.51
AG Mortgage PfdB	.50	14.4	13.85	–7.15
AG Mortgage PfdA	.5156	13.9	14.89	–6.11
AT&T 5%PfdA	.1701	6.3	19.71	–3.89
AT&T Nts 2066	.3344	5.7	23.50	–1.68
AT&T Nts 2067	.3516	5.8	24.28	–1.61
AT&T PfdC	...		17.86	–4.14
AXIS CapPfdE	.3438	8.3	16.57	–7.09
AegonNts2049	.3187	8.5	15.01	–8.69
AegonCapSec AEB	.2528	7.2	14.09	–5.86

Stock	Div	Yld	Close	Net Chg
AffiliatedMgrDeb	.3672	7.3	20.23	–3.52
AirLeasePfdA	.3844	12.3	12.45	–6.36
AlabamaPwrPfdA	.3125	5.1	24.31	–1.04
AlgonquinNt2079	.3875	8.1	19.04	–5.12
AlgonquinPwrNt	.4297	7.8	21.98	–3.76
AllianzGI PfdA	.3516	6.4	22.01	–2.86
AllianzGI PfdA	.3438	6.2	22.18	–2.54
AlliedCap Nts	.4297	8.5	20.26	–4.10
AllstateDeb	.3187	6.2	20.45	–4.15
AllstatePfdG	.3516	6.2	22.69	–3.16
AllstatePfdH	.3187	6.5	19.52	–4.14
AllstatePfdI	.2969	6.1	19.33	–3.98
AmerEqInvPfdA	.4132	9.9	15.09	–2.21
AmerFinDeb2059	.3203	7.1	18.00	–4.99
AmFinDeb2055	.375	6.8	21.98	–2.29
AmFinDeb2059	.3672	6.9	21.36	–3.33
AmHomes4RentPfdD	.4063	7.8	20.89	–2.95
AmHomes4RentPfdE	.3969	7.6	21.00	–3.08
AmHomes4RentPfdF	.3672	7.3	20.26	–2.34
AmHomes4RentPfdG	.3672	7.2	20.43	–2.42
AmHomes4RentPfdH	.3906	7.7	20.36	–3.60
AIG PfdA	.3656	7.8	18.80	–6.06
AnnalyCapPfdF	.4344	10.3	16.94	–2.76
AnnalyCapPfdG	.4063	10.1	16.15	–2.15
AnnalyCapPfdI	.4219	10.9	15.50	–4.60
AnnalyCapPfdD	.4688	10.4	17.98	–2.46
AnworthMtgPfdA	.4766	11.2	17.00	–5.13
AnworthMtgPfdC	.5391	11.7	18.50	–4.58
AnworthMtgPfdB	.3906	11.4	13.75	–3.99
ApolloGlMgmtPfdA	.3984	8.3	19.21	–4.55
ApolloGlPfdB	.3984	8.3	19.15	–4.80
ArborRealtyPfdB	.4844	11.5	16.80	–6.37
ArborRealtyPfdC	.5313	11.7	18.22	–5.86
ArborRealtyPfdA	.5156	12.1	17.00	–6.75
AresMgmtPfdA	.4375	8.7	20.04	–3.75
ArgoGroupNts42	.4063	8.5	19.08	–4.77
ArlingtonAssetPfB	.4375	18.3	9.57	–4.43
ArlingtonAssetPfC	.5156	19.6	10.52	–6.37
ArlingtonAsstNt23	.4141	9.2	17.98	–2.40
ArlingtonAsstNt25	.4219	10.8	15.60	–4.48
ArmadaHofflerPfA	.4219	7.7	21.80	0.13
ArmourResPfdC	.1458	12.2	14.36	–5.91
AshfordHospPfdG	.4609	38.4	4.80	–2.58
AshfordHospPfdH	.4688	37.3	5.03	–2.90
AshfordHospPfdI	.4688	23.4	8.00	0.43
AshfordHospPfdD	.5281	30.2	7.00	–3.13
AshfordHospPfdF	.4609	40.9	4.51	–3.45
AspenInsPfd	.3516	8.4	16.80	–5.63
AspenInsPfd	.3516	8.9	15.80	–5.66
AspenInsPfd	.3719	8.0	18.50	–3.49
AssdBancPfdC	.3828	6.7	23.00	–1.46
AssdBancPfdD	.3359	7.1	18.90	–5.00
AssdBancPfdE	.3672	7.7	19.18	–5.16
AssurantPfdD	1.625	7.1	90.96	–10.61
AssuredGuarBds	.4297	7.0	24.40	–1.41
AssuredGuarNts	.35	6.8	20.50	–4.87
AssurGrMunNt	.3906	6.6	23.66	–2.22
AthenePfdA	.3969	11.4	13.98	–10.20
AthenePfdB	.3516	10.1	13.92	–8.07
AtlasPfdD	.4969	12.3	16.15	–2.21
AtlasPfdE	.5156	13.6	15.20	–3.25
AtlasPfdG	.5125	14.2	14.44	–4.16
AtlasPfdH	.4922	13.8	14.22	–3.55
AtlasPfdI	.50	13.4	14.93	–3.58
AvantorPfdA	.78	8.3	37.58	–3.95
AxosFinNts2026	.3906	8.3	18.87	–5.13
BancCA PfdD	.4609	10.5	17.55	–6.65
BancCA PfdE	.4375	11.5	15.27	–9.66
BancoBradescoPf	.0037	5.3	3.77	–1.43
BancoSantPfd6	.25	5.6	18.04	–4.50
BancorpSthBkPfA	.3438	7.3	18.90	–4.70
BankofAmNt66	.4031	7.0	23.12	–2.24
BankofAmPfd1	.1875	5.0	15.75	–3.49
BankofAmPfd2	.1917	5.3	15.01	–3.99
BankofAmPfd4	.2556	5.8	17.66	–4.61
BankofAmPfdCC	.3875	6.6	23.53	–1.84
BankofAmPfdE	.2556	5.2	19.51	–2.09
BankofAmPfdEE	.375	6.5	23.16	–2.06
BankofAmPfdGG	.375	6.3	23.71	–2.19
BankofAmPfdHH	.3672	6.2	23.60	–2.02
BankofAmPfdKK	.3359	6.4	21.07	–3.59
BankofAmPfdL	.2556	5.8	17.50	–3.65
BankofAmPfdL	18.125	6.2	1171.98	–82.09
BankofAmPfdLL	.3125	6.2	20.09	–4.11
BNYMellonPfdC	.325	6.2	21.13	–3.51
BectonDickinsonPfA	.7656	5.8	52.96	–3.64
BostonPropPfdB	.3281	6.1	21.51	–2.97
BraemarHtlsPfd	.3438	27.4	5.02	–3.66
BraemarHtlsPfdD	.5156	24.8	8.30	–2.55
BrightSphereNts31	.3203	11.1	11.50	–12.06
BrookfieldDTLAPf	2.25	.0	12.00	–4.00
BrookfdRenewPfdA17	...		19.27	–4.54
BrunswickNts2048	.4063	8.9	18.25	–6.00
BrunswickNts2049	.4141	8.7	19.10	–5.15
BrunswickNts2049	.3984	9.1	17.50	–5.79

Stock	Div	Yld	Close	Net Chg
CAI IntlPfdA	.5313	16.3	13.05	–5.80
CAI IntlPfdB	.5313	17.3	12.30	–5.60
CBL AssocPfdD	.4609	213.0	.87	–0.44
CBL AssocPfdE	.4141	204.0	.81	–0.39
CIT PfdB	.4766	10.0	14.00	–7.01
CMSEnerDeb78	.3516	6.3	22.33	–2.52
CMSEnerNts2078	.3672	6.3	23.20	–1.69
CMSEnerNts2079	.3672	6.5	22.76	–2.91
CABCO SBC Comm	.2054	4.1	20.37	–0.39
Cabco JCP PFH	.9531	80.8	2.36	–1.21
CapitalOnePfdG	.325	7.4	17.55	–6.13
CapitalOnePfdH	.375	6.8	21.93	–3.13
CapitalOnePfdI	.3125	8.1	15.50	–6.89
CapOneFinlPfdJ	...		14.79	–7.06
CapitalOnePfdF	.3875	7.2	21.39	–3.84
CapsteadMtgPfdE	.4688	11.2	16.71	–6.69
CedarRealtyPfB	.4531	23.0	7.88	–9.42
CedarRealtyPfC	.4063	25.0	6.50	–6.79
CenterPointPfdB	.875	15.3	22.94	–6.06
CentraisElBrasPf	...		3.93	–1.81
CenturyLinkNts	.4063	9.8	16.50	–5.49
SchwabPfdC	.375	6.6	22.85	–2.27
SchwabPfdD	.372	6.4	23.09	–1.92
CherryHillPfdA	.5125	15.7	13.02	–10.03
CherryHillPfdB	.5156	16.2	12.75	–7.56
ChesapeakeEnPfd	1.125	112.5	4.00	–0.01
ChimeraInvPfdA	.50	14.2	14.08	–7.63
ChimeraInvPfdB	.50	14.8	13.47	–7.73
ChimeraInvPfdD	.50	15.0	13.30	–8.14
ChimeraPfdC	.4844	15.1	12.85	–8.77
CinnBell pfB	.8438	8.2	41.25	–5.48
CitigroupPfdJ	.4453	7.7	23.14	–2.71
CitigroupPfdK	.4297	7.9	21.77	–3.61
CitigroupPfdS	.3938	6.6	23.74	–1.51
CitigrpCapXIIIPf	.5144	8.8	24.60	–1.70
CitizensFinPfdD	.3969	7.9	20.01	–4.49
CitizensFinPfdE	.3125	8.0	15.62	–6.99
CityOfficePfdA	.4141	9.7	17.06	–4.59
ColonyCapPfdG	.4688	15.0	12.50	–7.87
ColonyCapPfdH	.4453	17.5	10.16	–4.49
ColonyCapPfdI	.4469	17.4	10.25	–4.80
ColonyCapPfdJ	.4453	17.4	10.25	–4.26
Comcast DECS	.3747	2.7	55.00	–6.50
CompassPfd	.4922	12.4	15.90	–4.67
CompassPfdA	.4531	11.8	15.42	–3.33
CompassPfdC	.3828	12.4	15.94	–4.32
ConsumersEnerPf	1.125	4.2	107.30	–1.73
CorEnergyInfrPf	.4609	17.2	10.71	–3.29
Corts Aon KTN	1.0256	7.8	26.14	–4.17
Corts JCPen JBR	.875	76.1	2.30	–0.97
Corts JCPen JBS	.875	81.4	2.15	–1.10
Corts JC KTP	.9531	88.2	2.16	–1.28
Corts PECO KTH	1.00	6.7	29.65	–0.85
CostamarePfdB	.4766	12.2	15.60	–2.03
CostamarePfdC	.5313	13.7	15.50	–2.39
CostamarePfdD	.5469	13.9	15.79	–2.37
CostamarePfdE	.5547	14.1	15.71	–2.69
CrownCastlePfA	17.1875	5.8	1180.00	–138.45
CustomersBncpNt34	.3359	8.2	16.35	–6.40
CustomersBncpPfdC	.4375	9.5	18.50	–4.31
CustomersBncpPfdD	.4063	9.6	16.90	–6.10
CustomersBncpPfdE	.4031	9.5	17.00	–6.70
CustomersBncpPfdF	.375	9.8	15.26	–7.75
DCPMidstrmPfdB	.4922	22.0	8.95	–5.15
DCPMidstrmPfdC	.4969	20.7	9.60	–3.10
DTE EnergyDeb76	.3359	6.5	20.73	–3.62
DTE EnergyDeb62	.3281	6.0	21.90	–2.00
DTE EnergyDeb77	.3281	6.4	20.55	–3.05
DTE EnergyDebF	.375	6.7	22.44	–2.81
DanaherPfdA	11.875	5.0	951.84	–43.11
DtscheBkTrII	.4094	7.1	23.00	–2.06
DianaShippingPfd	.5547	13.1	17.00	–4.45
DigitalRealtyPfC	.4141	7.3	22.61	–3.22
DigitalRealtyPfdL	.325	6.4	20.41	–3.07
DigitalRealtyPfG	.3672	6.9	21.23	–3.13
DigitalRealtyPfJ	.3281	6.1	21.55	–2.35
DigitalRealtyPfK	.3656	6.4	22.75	–2.82
DigitalRealtyPfI	.3969	7.1	22.41	–2.68
DillardsCapPfd	.4688	10.9	17.20	–6.28
DominionEnNts76	.3281	6.2	21.30	–3.56
DriveShackPfdB	.6094	35.5	6.87	–5.20
DriveShackPfdC	.5031	35.8	5.62	–7.19
DriveShackPfdD	.5234	31.0	6.75	–5.87
DuPont pfA	.875	4.4	79.61	–2.55
DuPont pfB	1.125	4.8	94.43	1.43
DukeEnerDeb73	.3203	5.6	22.75	–1.76
DukeEnerDeb78	.3516	5.7	24.49	–0.66
DukeEnergyPfdA	.3594	6.0	23.90	–2.35
DynagasLNG PfdB	.5469	17.9	12.21	–0.37
DynagasLNG PfdA	.5625	17.8	12.66	–0.05
DynexCapPfdB	.4766	10.2	18.70	–3.47
DynexCapPfdC	...		15.68	–2.53
EPR PropPfdC	.3594	10.9	13.22	–4.56
EPR PropPfdG	.3594	10.9	13.16	–2.91
EPR PropPfdE	.5625	14.0	16.04	–9.46

Stock	Div	Yld	Close	Net Chg
EaglePointNts27	.4219	8.4	20.00	–2.91
EaglePointNts28	.418	8.3	20.20	–3.46
EaglePointPfdB	.1615	11.4	17.07	–7.35
ElPasoEngy pfC	.5938	6.0	39.84	–2.50
EllingtonFinPfdA	.4594	18.5	9.13	–8.88
EnbridgeNts2078	.3984	9.5	16.76	–3.59
EnergizerPfd.	1.875	10.2	73.29	–13.71
EnerTransferPfdD	.4766	15.2	12.53	–5.17
EnerTransferPfdE	.475	15.0	12.68	–5.27
EnerTransferPfdC	.4609	15.5	11.86	–5.46
EntergyBds52	.3063	5.6	21.73	–2.78
EntergyBds63	.2969	5.5	21.57	–2.93
EntergyBds66	.3047	5.7	21.38	–2.43
EntergyLA Bds52	.3281	5.6	23.31	–1.51
EntergyLA Bd	.2937	5.3	22.03	–2.42
EntergyLA Bds66	.3047	5.5	22.33	–1.79
EntergyMS Bds	.3063	5.6	21.97	–2.59
EntergyBds66	.3438	6.0	23.10	–1.88
EntergyNOLA Bds	.3125	5.6	22.26	–2.64
EntergyTX Bds	.3516	5.9	23.74	–1.41
EntergyTX PfdA	.4666	6.3	21.31	–3.59
EquitablePfdA	.3937	8.7	15.09	–6.91
EquityCommonPfdD	.4063	6.6	24.65	–1.64
ExantasCapPfdC	.5391	14.5	14.86	–6.19
FNB PfdE	.4533	7.6	23.97	–1.49
FarmlandPtrsPfdB	.375	7.6	19.76	–2.10
FedAgricMtgPfdC	.375	6.7	22.45	–2.48
FedAgricMtgPfdD	.3562	5.9	24.00	–0.80
FedAgricMtgPfdA	.3672	6.2	23.60	–1.30
FedRealtyInvPfdC	.3125	6.2	20.08	–4.38
FirstHorizonPfdA	.3875	7.1	21.70	–3.12
FirstRepBkPfd	.186	6.2	19.08	–3.76
FirstRepBkPfdF	.3562	6.6	21.62	–2.72
FirstRepBkPfdG	.3438	6.5	21.14	–1.28
FirstRepBkPfdH	.3203	6.5	19.77	–3.67
FirstRepBkPfdI	.3438	6.5	21.10	–4.55
FordMotor6%Nts	.375	11.5	13.10	–8.10
FordMotor6.2%Nt	.3875	11.4	13.64	–9.81
FortivePfdA	12.5	8.7	572.74	–209.03
FortressTechPfdB	.60	18.2	13.20	–1.80
FortressTransPfdA	.5156	14.2	14.50	–1.14
GAMCO PfdA	.325	6.0	21.57	–2.32
GATX Nts	.3516	7.8	18.00	–7.20
GDL Fd PfdC	.50	4.0	49.83	–1.19
GMACCapTrSer2	.4517	11.7	17.08	–6.05
GabelliDivPfdA	.3672	5.9	24.84	–0.59
GabelliDivPfdG	.3281	5.7	22.90	–3.70
GabelliDivPfdH	.3359	5.8	23.09	–2.44
GabelliEqPfdG	.3125	5.4	22.95	–1.75
GabelliEqPfdJ	.3406	5.9	23.25	–1.97
GabelliEquityPfdK	.3472	5.8	21.70	–3.38
GabelliEqPfdH	.3125	5.5	22.90	–2.27
GabelliGlSMidPfdA	.3406	6.1	22.40	–2.94
GabelliHlthPfdA	.36	5.8	24.99	–0.38
GabelliHlthPfdB	.3672	5.9	24.92	0.62
GabelliMultiPfdG	.3417	5.8	22.21	–1.59
GabelliMultPfdE	.3203	5.8	21.95	–2.59
GabelliUtilPfdA	.3516	5.8	24.41	–0.85
GabelliUtilPfdC	.3359	5.6	24.12	–1.34
GasLogPfdA	.5469	15.3	14.26	–3.11
GasLogPtrsPfdA	.5391	22.7	9.50	–1.91
GasLogPtrsPfdB	.5125	26.3	7.80	–3.00
GasLogPtrsPfdC	.5313	25.6	8.30	–2.13
GenAmInv pfB	.3719	5.8	25.62	–0.98
GenieEnergyPfd	.1594	9.2	6.95	–0.70
GeorgiaPwrNt77	.3125	5.5	22.60	–2.40
GlMedREIT PfdA	.4688	9.0	20.89	–4.12
GlbNetLeasePfdA	.4531	10.4	17.49	–2.77
GlbNetLeasePfdB	.1671	10.5	16.34	–4.55
GlobalPtrsPfdA	.6094	16.1	15.12	–3.63
GlbShipNts24	.50	12.9	15.49	–3.53
GlShipLeasePfdB	.5469	13.5	16.15	–0.33
GlobeLifeDeb	.3828	8.6	17.74	–6.96
GoldmanSachsPfA	.2344	5.5	17.09	–1.91
GoldmanSachsPfC	.25	5.6	18.20	–1.85
GoldmanSachsPfD	.25	5.8	17.34	–2.19
GoldmanSachsPfJ	.3438	6.9	19.86	–4.15
GoldmanSachsPfK	.3984	7.0	22.77	–2.66
GoldmanSachsPfN	.3938	6.6	24.01	–1.23
GreatAjaxNts24	.4531	8.5	21.35	–2.68
HSBC PfdA	.3875	6.6	23.32	–2.02
HanoverInsDeb	.3969	7.9	20.05	–3.55
HartfordFinDeb42	.4922	8.6	22.90	–4.27
HartfordFinPfdG	.375	6.7	22.38	–2.94
HeclaMiningPfB	.875	7.8	45.02	–3.74
HerculesCapNts25	.3281	6.0	22.00	–3.00
HerculesCapNts33	.3906	8.6	18.11	–5.89
Hersha Pfd E	.4063	45.1	3.60	–6.90
HershaHospPfdC	.4297	38.3	4.49	–8.08
HershaHospPfdD	.4063	51.6	3.15	–7.38
HighlandIncmPfdA	.3359	6.7	20.09	–3.83
HoeghLNG PfdA	.5469	17.2	12.72	–7.33
HorizonTechNts22	.3906	9.8	16.00	–7.96
ING Grp 6.125Secs	.3828	6.1	25.00	0.15
InnovativeIndPfdA	.5625	8.3	26.95	–2.38

Stock	Div	Yld	Close	Net Chg
IntlSeawaysNts23	.5313	9.7	21.99	–3.01
InvescoMtgPfdA	.4844	12.6	15.34	–7.40
InvescoMtgPfdB	.4844	13.5	14.37	–9.63
InvescoMtgPfdC	.4688	15.9	11.80	–10.00
InvestorsREPfdC	.4141	7.0	23.50	–1.22
iStarPfdD	.50	10.8	18.50	–4.08
iStarPfdG	.4781	10.7	17.83	–4.79
iStarPfdI	.4688	11.0	17.01	–4.49
JerniganCapPfdB	.4375	8.8	20.00	–2.05
JPMChasePfdEE	.375	6.2	24.10	–2.64
JPMorganPfdAA	.3812	6.3	24.25	–1.06
JPMorganPfdBB	.3844	6.4	24.20	–1.07
JPMorganPfdDD	.3594	6.0	23.90	–2.19
JPMorganPfdGG	.376	5.6	21.08	–3.33
JustEnergyPfdA	.5313	101.3	2.10	–2.35
KKR Pfd A	.4219	7.7	21.93	–3.67
KKR Pfd B	.4063	7.7	21.15	–4.47
KSCitySo Pfd	.25	3.8	26.38	0.96
KeyCorpPfdE	.3828	7.6	20.23	–5.87
KeyCorpPfdF	.3531	7.0	20.30	–4.71
KeyCorpPfdG	.3516	7.1	19.82	–4.19
KimcoRealtyPfdL	.3203	7.0	18.40	–4.94
KimcoRealtyPfdM	.3281	7.0	18.85	–4.94
LeggMasonNts56	.3984	7.2	22.09	–2.86
LeggMasonNts	.3406	7.3	18.76	–4.37
CBTCS 04-6	.7931	6.3	25.01	–3.33
LexingtonRltyPfC	.8125	7.4	44.00	–7.50
MFAFinNts2042	.50	10.1	19.90	–4.63
MFAFinPfdB	.4688	12.5	14.95	–6.96
MFAFin6.5%PfdC	...		10.75	–7.09
MVC CapNts22	.3906	8.3	18.90	–6.02
MaidenHldg6.7%PfdD	.4187	.0	4.02	–1.09
MaidenHldgsPfdC	.4453	.0	4.42	–0.64
MaidenNts43	.4844	10.9	17.73	–2.17
MaidenNts46	.4141	11.8	14.00	–4.08
MaidenHldgsPfdA	.5156	.0	4.45	–0.82
MechelPfd	.1027	33.4	.31	–0.18
MedleyCapNts21	.4063	10.7	15.25	–8.66
MedleyCapNts23	.3828	10.7	14.30	–7.70
MedleyNts24	.4531	30.7	5.90	–0.93
MedleyNts26	.4297	29.0	5.93	–1.02
Metlife pfA	.2528	5.4	18.86	–4.86
MetLifePfdE	.3516	6.3	22.38	–2.87
MetLifePfdF	...		18.20	–4.06
MidAmerAptPfdI	1.0625	7.7	55.00	–9.50
MonmouthREPfdC	.3828	8.2	18.58	–4.16
MorganStanleyPfdI	.3984	7.5	21.23	–3.92
MorganStanleyPfdA	.2528	6.0	17.05	–2.88
MorganStanleyPfdF	.4297	8.1	21.31	–4.24
MorganStanleyPfdK	.3656	7.0	20.81	–3.90
MorganStanleyPfdL	.3047	5.9	20.74	–2.99
MorganStanleyPfdE	.4453	8.0	22.38	–4.29
NGL EnergyPfdB	.5625	31.9	7.05	–3.25
NGLEngyPfdC	.6016	32.1	7.50	–2.74
NaborsIndsPfdA	.75	94.3	3.18	–0.92
NatlRetailPropPfdF	.325	7.1	18.40	–5.28
NatlRurUtilNt2064	.3438	5.7	24.01	–0.87
NatlStoragePfdA	.375	6.4	23.50	–0.97
NaviosMariPfdH	...		3.56	–0.42
NaviosMaritimPf	...		3.00	–2.20
Navistar pfD	...		15.00	–8.85
NewMountainNt	.3594	7.3	19.72	–5.17
NewResidentialPfdB	.4453	12.2	14.57	–5.75
NewResidentialPfdC	...		12.50	–5.45
NewResidentPfdA	.4688	12.5	15.00	–6.60
NYComBncpPfdA	.3984	8.1	19.75	–3.29
NY CmtyCap V	.75	7.5	39.87	–7.73
NextEraEnDebI	.3203	5.8	22.23	–2.35
NextEraEnDebK	.3281	6.0	21.75	–2.92
NextEraEnDebN	.3531	6.0	23.69	–2.56
NextEraPfdDebJ	.3125	5.7	21.76	–2.56
NiaMoPwr pfB	.90	4.1	88.55	–5.94
NiaMoPwr pfC	.975	3.9	99.00	2.00
NiSourcePfdB	.4063	7.1	23.00	–2.89
NuSTAR PfdA	.5313	21.7	9.78	–3.83
NuSTAR PfdB	.4766	19.0	10.03	–2.96
NuSTAR PfdC	.5625	19.3	11.65	–2.52
NuSTARLogNts	.5413	17.3	13.09	–5.06
OFGBancorpPfA	.1484	8.9	19.99	–3.68
OFGBancorpPfB	.1458	8.9	19.56	–4.20
OFGBancorpPfD	.4453	9.1	19.50	–4.64
OaktreeCapPfdA	.4141	7.8	21.16	–2.85
OaktreeCapPfdB	.4094	7.7	21.27	–2.96
PNC Fin PfdP	.3828	6.8	22.57	–2.97
PNC Fin PfdQ	.3359	6.2	21.85	–3.10
PPL Capital Nts	.3688	6.4	23.08	–1.52
PSBusParksPfdW	.325	6.6	19.60	–3.44
PSBusParksPfdX	.3281	6.5	20.34	–3.63
PSBusParksPfdY	.325	6.6	19.60	–3.48
PSBusParksPfdZ	.3047	6.5	18.63	–3.76
PartnerRePfdF	.3672	7.6	19.24	–4.74
PartnerRePfdG	.4063	7.3	22.31	–2.69
PartnerRePfdH	.4531	7.7	23.41	–2.02
PartnerRePfdI	.3672	7.5	19.53	–3.63
PebblebrookPfdC	.4063	13.8	11.80	–5.32

Stock	Div	Yld	Close	Net Chg
PebblebrookPfdD	.3984	13.9	11.50	–6.40
PebblebrookPfdE	.3984	14.0	11.40	–5.20
PebblebrookPfdF	.3938	14.1	11.16	–7.84
PA Reit Pfd D	.4297	40.7	4.22	–2.74
PA Reit Pfd B	.4609	61.3	3.01	–1.44
PennREITPfdC	.45	59.8	3.01	–1.20
PennyMacMtgPfA	.5078	13.6	14.89	–6.42
PennyMacPfdB	.50	14.2	14.06	–7.44
PitneyBowesNt43	.4187	16.4	10.24	–0.91
PPlus CZN-1	1.0469	31.0	6.75	–0.36
PPlus GSC-2	.1922	4.4	18.54	–3.96
PPlus RRD-1	.7875	11.8	13.30	–3.70
PriorityIncmPfdA	.3984	9.1	17.52	–4.55
PriorityIncmPfdB	.3906	8.8	17.86	–4.89
PriorityIncmPfdC	.4141	9.1	18.27	–4.02
PriorityIncmPfdD	.4375	9.8	17.86	–3.95
PriorityIncmPfdF	...		16.50	–4.49
PriorityIncmPfdE	.3719	9.4	16.88	–5.05
ProspectCapNt24	.3906	8.2	19.14	–4.09
ProspectCapNt28	.3906	9.1	17.22	–5.80
ProspectCapNt29	.4297	8.4	20.58	–2.80
PrudentialFinNt53	.3562	6.5	22.03	–3.16
PrudentialNt58	.3516	6.3	22.29	–3.36
PrudentialNts	.3594	6.5	22.20	–3.20
PrudentialSkis	.4219	7.2	23.39	–1.95
PrudentialPfd	.4063	6.9	23.52	–1.81
PublicStoragePfB	.3375	6.0	22.50	–2.44
PublicStoragePfC	.3203	6.0	21.34	–3.01
PublicStoragePfD	.3094	5.8	21.36	–3.02
PublicStoragePfE	.3063	5.7	21.41	–2.49
PublicStoragePfF	.3219	5.9	21.64	–3.05
PublicStoragePfG	.3156	5.9	21.37	–3.17
PublicStoragePfH	.35	6.1	23.06	–2.69
PublicStoragePfI	.3047	5.8	21.11	–2.76
PublicStoragePfJ	.4439	5.7	20.70	–3.06
PublicStoragePfK	.3365	5.6	21.35	–3.10
PublicStoragePfV	.3359	6.0	22.37	–2.01
PublicStoragePfX	.325	5.9	22.01	–2.19
PublicStoragePfW	.325	6.0	21.80	–2.56
QTSRealtyPfdA	.4453	7.4	24.00	–1.38
QTSRealtyPfdB	1.625	5.8	112.31	–14.79
QVC Nts 2068	.3906	10.5	14.94	–4.82
QVC Nts2067	.3984	10.5	15.13	–6.48
Qwest7%Nts2056	.4375	9.3	18.78	–3.47
QwestNts2053	.3828	9.7	15.85	–5.50
QwestNts2054	.4297	10.0	17.13	–5.82
QwestNts2055	.4141	9.9	16.70	–4.97
QwestNts2057	.4219	9.9	16.99	–5.31
RLJLodgingPfdA	.4875	13.9	14.06	–3.84
RPTRealty7.25%PfdD	.9063	11.3	32.00	–13.10
ReadyCapNts081523	.4375	10.6	16.50	–5.25
ReadyCapNts2026	.3875	11.4	13.61	–10.09
ReadyCapNts2021	.4063	10.6	15.33	–8.24
RegionsFinPfdA	.3984	7.2	21.99	–2.74
RegionsFinPfdB	.3984	8.0	19.90	–4.55
RegionsFinPfdC	.3562	7.2	19.90	–2.90
ReinsuranceGrpDeb	.3594	7.4	19.40	–4.05
ReinsuranceGrpDeb	.3875	8.2	18.95	–4.93
RenaissancePfdC	.38	6.1	24.91	–0.16
RenaissancePfdE	.3359	7.7	17.51	–5.66
RenaissancePfdF	.3594	7.5	19.06	–6.94
RexfordIndPfdA	.3672	6.8	21.71	–1.29
RexfordIndPfdB	.3672	6.8	21.45	–1.29
RexfordIndPfdC	.3516	6.7	20.90	–0.65
RiverNorthMktPfA	.3672	6.9	21.27	–3.23
RoyalBkCanadaPf	.4219	6.9	24.31	–4.14
SCE III Pfd	.3594	8.5	16.99	–4.45
SCE II Pfd	.3187	6.5	19.53	–2.13
SCE IV Pfd	.3359	8.0	16.75	–4.35
SCE V Pfd	.3406	8.2	16.61	–5.21
SCE Tr VI 5% PfdL	.3125	7.1	17.49	–3.76
SITECtrsPfdA	.3984	11.7	13.61	–10.61
SITECtrsPfdK	.3906	12.7	12.30	–11.40
SLGreenRealtyPfd	.4063	7.4	22.05	–1.85
STAGIndlPfdC	.4297	7.6	22.75	–2.00
SafeBulkersPfdC	.50	15.1	13.28	–2.22
SafeBulkersPfdD	.50	15.7	12.75	–2.94
Saratogalnv6.25Nts	.3906	8.8	17.70	–6.06
Satrn JCPen	.875	79.2	2.21	–0.80
SaulCentersPfdD	.3828	8.5	18.10	–5.40
SaulCentersPfdE	.375	9.1	16.48	–6.22
ScorpioTankNt20	.4219	6.8	24.97	–0.16
SempraEnNts79	.3594	6.5	21.99	–2.50
SempraEnPfdA	1.50	6.9	87.14	–2.36
SempraEnPfdB	1.6875	7.9	85.16	–4.21
SeritageGrwPfdA	.4375	15.8	11.06	–5.45
SimonPropPfdJ	1.0469	7.2	58.09	–7.91
SouthJerseyNts2079	.3516	7.3	19.20	–2.53
SouthernNt2015A	.3906	6.5	24.09	–1.25
SouthernNt2016A	.3281	6.1	21.50	–3.33
SouthernNts20	.3094	6.1	20.15	–2.60
SouthernNts77	.3281	6.1	21.51	–3.23
SpecialOppFdPfB	.2188	3.6	24.30	–0.65
SpirePfdA	.3688	6.1	24.00	–1.28
SpiritRealtyPfdA	.375	8.1	18.60	–3.61

Stock	Div	Yld	Close	Net Chg
StateStreetPfdD	.3687	6.8	21.58	–3.17
StateStreetPfdG	.3343	5.8	23.05	–1.70
SteelPtrsPfdA	.375	8.2	18.33	–1.95
StellusCapNt22	.3594	8.9	16.10	–8.15
SterlingBncpPfdA	.4063	8.7	18.65	–5.81
StifelFinlPfdA	.3906	7.5	20.96	–3.86
StifelFinlPfdB	.3906	9.0	17.46	–7.53
Strats Allst GJT	.0049	3.5	18.21	–1.05
Strats Dom GJP	.0594	3.6	22.47	–1.18
Strats GSG GJS	.0517	3.9	18.44	–1.96
Strats PG GJR	.0429	2.9	22.73	–0.52
Strats USC GJH	.3187	7.7	8.25	–1.17
Strats WlMrt GJO	.0457	3.2	20.90	–2.48
SummitHotelPfdD	.4031	18.2	8.87	–7.13
SummitHotelPfdE	.3906	29.7	5.27	–9.81
SunstoneHotelPfE	.4344	8.9	19.50	–2.75
SunstoneHotelPfF	.4031	8.4	19.25	–3.35
SynchronyPfdA	.3555	9.6	14.59	–6.44
SynovusFinPfdD	.3938	8.4	18.75	–5.13
SynovusFinPfdE	.3672	8.5	17.29	–5.21
THLCreditNts22	.4219	10.0	16.86	–7.65
THLCreditNts23	.3828	8.8	17.35	–7.95
TargaRscsPfdA	.1875	18.4	12.26	–5.99
TaubmanCtrsPfdJ	.4063	9.2	17.60	–5.20
TaubmanCtrsPfdK	.3906	8.9	17.62	–5.03
TeekayLNG PfdA	.5625	13.6	16.60	–1.59
TeekayLNG PfdB	.5313	13.9	15.30	–2.82
TeekayOffPfdE	.5547	21.1	10.53	–2.42
TeekayOffshorePf	.4531	22.6	8.03	–4.22
TeekayOffshrPfB	.5313	20.8	10.20	–3.02
Tele&Data Nts	.4141	9.7	17.06	–3.53
Tele&DataNts	.4297	9.8	17.50	–4.25
Tele&DataPfd	.4375	9.8	17.80	–4.20
Tele&DataNts	.3672	8.2	17.84	–3.39
TVA Parrs	.21	3.4	24.40	–0.68
TVA Bds D	.2219	3.6	24.59	–0.50
Tri-Cont Pfd	.625	4.6	54.24	–1.84
TriplePtNts22	.3594	7.8	18.34	–5.81
TritonIntlPfdA	.5313	15.7	13.50	–6.94
TritonIntlPfdB	.50	16.7	12.00	–5.75
TritonIntlPfdC	.4609	16.8	11.00	–4.70
TritonIntlPfdD	.2435	16.2	10.59	–4.69
TruistFinPfdF	.325	6.1	21.15	–3.15
TruistFinPfdG	.325	6.2	21.01	–3.48
TruistFinPfdH	.3516	6.7	21.02	–3.22
TruistFinPfdI	.2528	5.8	17.40	–3.80
TsakosEnergyPfdC	.5547	9.8	22.60	–2.00
TsakosEnergyPfdD	.5469	17.4	12.55	–4.95
TsakosEnergyPfdE	.5781	19.0	12.15	–4.05
TsakosEnergyPfdF	.5938	18.8	12.60	–3.32
TwoHarborsPfdA	.5078	12.9	15.81	–7.27
TwoHarborsPfdB	.4766	13.5	14.15	–8.82
TwoHarborsPfdC	.4531	12.9	14.01	–6.98
TwoHarborsPfdD	.4844	13.7	14.15	–6.69
TwoHarborsPfdE	.4688	13.4	13.99	–6.75
UMH PropPfdB	.50	11.6	17.25	–6.34
UMH PropPfdC	.4219	12.7	13.25	–8.15
UMH PropPfdD	.3984	12.1	13.15	–7.30
US BancorpPfdA	8.8472	5.0	730.00	–20.00
US BancorpPfdB	.2212	5.4	16.40	–2.05
US BancorpPfdF	.4063	6.8	24.00	–2.09
US BancorpPfdH	.3219	5.5	23.27	–1.60
US BancorpPfdK	.3438	5.6	24.51	–1.37
USCellularNt63	.4531	10.2	17.78	–6.47
USCellularNts60	.4344	9.8	17.81	–4.66
USCellularNts64	.4531	9.9	18.23	–6.00
UnumNts061558	.3906	8.4	18.51	–5.34
Urstadt Pfd H	.3906	8.2	19.01	–3.99
Urstadt Pfd K	.4896	8.2	18.02	–2.23
VEREIT Pfd F	.1396	8.1	20.66	–3.42
VornadoPfdK	.3562	7.5	19.04	–4.14
VornadoPfdL	.3375	7.2	18.69	–3.70
VornadoPfdM	.3281	7.1	18.39	–3.59
VoyaFinlPfdB	.3344	8.5	15.66	–7.39
W.R.BerkleyDeb59	...		18.25	–5.05
WRBerkleyDeb2056	.3594	7.4	19.50	–3.77
WRBerkleyDeb53	.3516	7.3	19.17	–3.84
WRBerkleyDeb56	.3688	7.1	20.66	–3.17
WRBerkleyDeb58	.3562	6.9	20.65	–3.13
WashingtonPrmPfH	.4688	24.7	7.60	–4.88
WashingtonPrmPfI	.4297	21.0	8.19	–3.51
WebsterFinlPfdF	.3281	7.0	18.68	–4.02
WellsFargoPfdN	.325	6.2	20.83	–2.88
WellsFargoPfdO	.3438	6.7	20.47	–4.01
WellsFargoPfdA	.4141	6.9	24.04	–1.96
WellsFargoPfdAY	.3516	6.2	21.28	–3.22
WellsFargoPfdAZ	.1583	6.5	18.35	–4.05
WellsFargoPfdP	.3281	6.3	20.74	–3.11
WellsFargoPfdQ	.3656	7.1	20.50	–3.52
WellsFargoPfdT	.375	6.2	24.35	–0.84
WellsFargoPfdV	.375	6.6	22.64	–2.43
WellsFargoPfdW	.3562	6.6	21.69	–2.88
WellsFargoPfdX	.3203	6.2	20.55	–3.23
WellsFargoPfdL	18.75	6.8	1100.00	–190.00
WesternAllianDeb	.3906	8.2	19.16	–5.47

Market Laboratory

DJ HALF-HOURLY AVERAGES

Dow Jones 30 Industrial (divisor: **0.14744568353097**)

Daily	Mar 16	17	18	19	20
Open (t)	20395.44	20627.39	19896.55	19777.32	20255.53
Open (a)	20917.53	20487.05	20188.69	19830.01	20253.15
10:00	20805.83	19961.16	20233.93	19599.65	20101.96
10:30	20884.22	20319.47	20329.49	20018.28	20309.92
11:00	21267.48	20305.94	20004.79	19760.60	20471.50
11:30	21697.77	20660.68	19884.88	20274.12	20081.36
12:00	21513.07	20934.49	20072.84	20090.84	20105.93
12:30	21321.58	20932.94	19803.09	19996.47	19787.93
1:00	21121.72	20812.99	19576.75	20143.07	19944.37
1:30	21180.51	20668.18	19292.87	20047.02	19885.26
2:00	20997.63	20864.51	19272.30	20265.13	19926.39
2:30	20945.32	21198.08	18984.34	20205.62	19655.15
3:00	21102.45	20987.76	19457.98	20223.51	19427.59
3:30	20782.73	20754.06	19209.86	20145.45	19593.89
Close	**20188.52**	**21237.38**	**19898.92**	**20087.19**	**19173.98**
High (t)	21968.90	21671.30	20809.15	20806.71	20798.95
Low (t)	19652.12	19620.21	18576.47	18869.12	18858.64
High (a)	21768.28	21379.35	20489.33	20442.63	20531.26
Low (a)	20116.46	19882.26	18917.46	19177.13	19094.27
Change	−2997.10	+1048.86	−1338.46	+188.27	−913.21

Theoretical (t): High 21968.90 Low 18576.47
Actual (a): High 21768.28 Low 18917.46

Dow Jones 20 Transport (divisor: **0.16385001129960**)

Daily	Mar 16	17	18	19	20
Open (t)	7020.57	7160.33	7014.34	6915.59	7188.95
Open (a)	7574.15	7125.27	7215.94	6938.85	7152.64
10:00	7137.29	6935.28	7128.68	6935.72	7015.12
10:30	7136.47	7108.30	7133.29	7117.42	7139.42
11:00	7330.42	7127.68	6977.39	6984.65	7407.83
11:30	7459.99	7251.24	6848.46	7177.01	7143.98
12:00	7359.97	7448.55	6876.39	7188.75	7133.19
12:30	7250.10	7462.97	6789.29	7089.01	6979.63
1:00	7200.02	7401.80	6640.21	7103.76	7051.23
1:30	7208.77	7347.09	6538.92	7079.10	7030.92
2:00	7164.82	7353.01	6548.58	7158.91	7056.09
2:30	7091.77	7467.56	6559.13	7130.71	6952.01
3:00	7155.01	7426.37	6872.44	7125.56	6858.95
3:30	7099.88	7310.71	6766.43	7091.97	6927.26
Close	**7023.44**	**7468.23**	**6971.44**	**7078.73**	**6837.72**
High (t)	7581.14	7773.69	7352.12	7461.73	7492.40
Low (t)	6781.93	6824.56	6311.72	6622.83	6681.05
High (a)	7574.15	7617.70	7215.94	7324.23	7418.91
Low (a)	6996.32	6905.10	6481.20	6743.07	6799.38
Change	−915.96	+444.79	−496.79	+107.29	−241.01

Theoretical (t): High 7773.69 Low 6311.72
Actual (a): High 7617.70 Low 6481.20

Dow Jones 15 Utilities (divisor: **1.41366797515660**)

Daily	Mar 16	17	18	19	20
Open (t)	695.29	693.42	725.74	735.53	696.53
Open (a)	727.21	686.45	758.77	735.34	695.97
10:00	701.35	693.71	727.49	707.68	682.15
10:30	697.73	724.70	736.94	713.84	691.77
11:00	717.92	741.35	727.74	708.05	689.59
11:30	740.84	744.93	726.27	714.30	681.71
12:00	727.39	748.53	742.45	711.11	683.66
12:30	722.02	747.30	743.05	701.59	676.28
1:00	709.46	751.21	737.66	700.73	683.04
1:30	709.42	741.78	730.27	697.64	686.78
2:00	704.29	757.58	726.67	713.45	678.66
2:30	698.15	766.02	726.19	704.97	673.98
3:00	711.61	759.04	731.80	707.38	668.98
3:30	697.93	747.42	710.76	708.07	665.44
Close	**678.03**	**769.69**	**737.25**	**695.92**	**646.13**
High (t)	752.26	784.76	766.32	748.85	710.01
Low (t)	663.62	683.24	685.92	674.10	634.39
High (a)	750.37	773.49	758.77	735.34	696.63
Low (a)	675.80	686.45	696.63	691.63	640.76
Change	−84.57	+91.66	−32.44	−41.33	−49.79

Theoretical (t): High 784.76 Low 634.39
Actual (a): High 773.49 Low 640.76

Dow Jones 65 Composite (divisor: **0.77099142654354**)

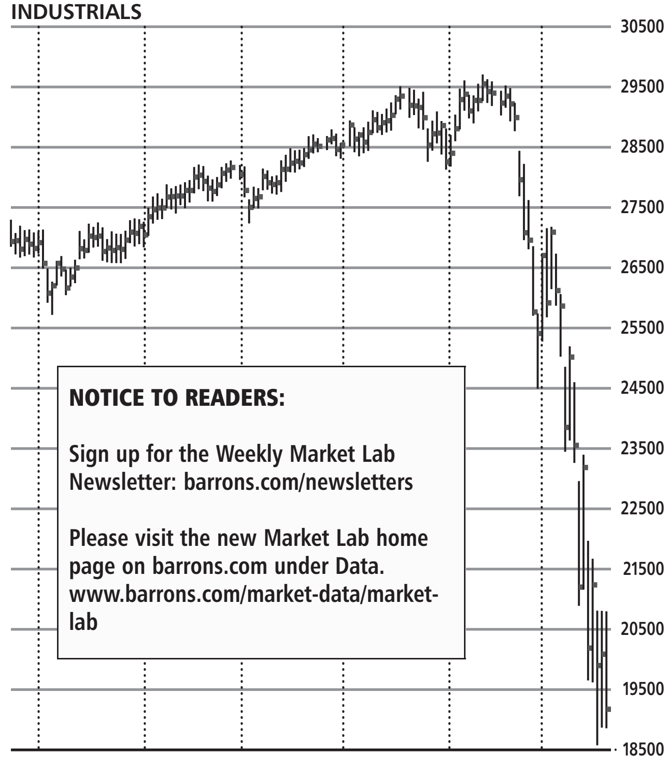
Daily	Mar 16	17	18	19	20
Open (t)	6667.32	6737.96	6626.42	6600.58	6678.62
Open (a)	6943.35	6690.89	6785.70	6615.26	6669.43
10:00	6781.73	6563.25	6718.46	6519.82	6585.95
10:30	6789.89	6725.36	6755.03	6649.79	6669.77
11:00	6941.44	6757.42	6642.94	6561.67	6754.80
11:30	7093.29	6858.08	6589.90	6713.09	6608.58
12:00	7012.05	6958.98	6661.46	6673.81	6614.58
12:30	6942.22	6959.50	6592.47	6617.13	6507.58
1:00	6870.34	6930.73	6507.60	6646.72	6565.11
1:30	6883.37	6874.12	6418.25	6617.44	6556.35
2:00	6829.64	6941.89	6409.77	6705.09	6554.67
2:30	6792.86	7045.14	6356.05	6672.09	6472.11
3:00	6861.02	6983.72	6523.51	6678.92	6399.63
3:30	6761.88	6893.15	6414.94	6658.12	6439.46
Close	**6596.71**	**7059.90**	**6638.87**	**6621.89**	**6304.73**
High (t)	7191.83	7235.42	6947.14	6937.94	6871.75
Low (t)	6416.39	6455.31	6151.64	6252.04	6189.61
High (a)	7130.81	7097.55	6807.47	6768.49	6766.73
Low (a)	6582.84	6535.79	6323.55	6390.69	6281.25
Change	−922.89	+463.19	−421.03	−16.98	−317.16

Theoretical (t): High 7235.42 Low 6151.64
Actual (a): High 7130.81 Low 6281.25

THE DOW JONES AVERAGES

COMPONENTS	Week's Change
3M	-16.79
American Express	-25.48
Apple	-48.73
Boeing	-75.19
Caterpillar	-4.14
Chevron	-24.03
Cisco Systems	-2.04
Coca-Cola	-10.17
Disney	-16.54
Dow	1.75
ExxonMobil	-5.38
Goldman Sachs	-38.76
Home Depot	-53.52
IBM	-12.56
Intel	-8.60
Johnson & Johnson	-14.40
JPMorgan Chase	-20.41
McDonald's	-28.64
Merck	-5.39
Microsoft	-21.48
Nike Cl B	-8.13
Pfizer	-3.70
Procter & Gamble	-11.64
Travelers Cos	-17.94
United Technologies	-22.87
UnitedHealth Group	-65.45
Verizon Communications	-2.37
Visa Cl A	-29.00
Walgreens Boots Alliance	0.23
Walmart	-0.13

INDUSTRIALS



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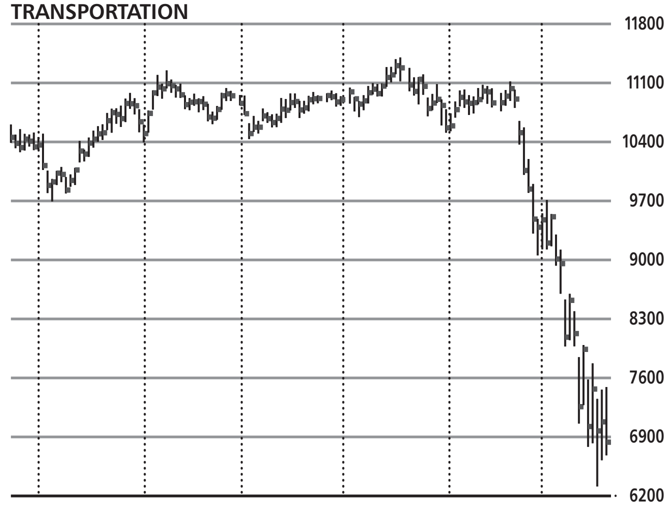
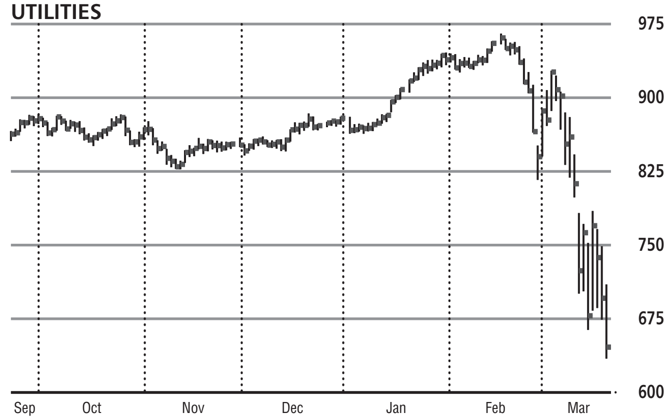
Alaska Air Group	-14.39
American Airlines Group	-3.93
Avis Budget Group	-7.03
CH Robinson Worldwide	1.54
CSX	-8.07
Delta Air	-17.01
Expeditors Intl of Wash	-10.21
FedEx	4.43
JB Hunt Transport	-7.26
JetBlue Airways	-4.03
Kansas City Southern	-19.09
Kirby Corp	-7.68
Landstar System	-6.31
Matson Inc.	-0.56
Norfolk Southern	-23.15
Ryder System	-4.50
Southwest Airlines	-9.34
Union Pacific	-26.01
United Airlines	-17.14
United Parcel Service B	-0.77

TRANSPORTATION



AES	-1.13
American Elec Power	-15.02
American Water Works	-27.60
CenterPoint Energy	-3.07
Consolidated Edison	-15.48
Dominion Energy	-11.07
Duke Energy	-17.37
Edison Intl	-6.39
Exelon	-5.36
FirstEnergy	-6.96
NextEra Energy	-29.81
NiSource	-4.18
Public Service Enterprise	-6.32
Sempra Energy	-7.28
Southern	-7.61

UTILITIES



Note: Theoretical highs and lows are shown.

TRADING DIARY

Market Advance/Decline Volumes

Daily	Mar 16	17	18	19	20
NY Up	114,658	1,322,001	133,775	1,227,785	957,748
NY Off	1,767,814	615,655	1,785,568	473,400	1,733,148
NY Up - Composite	511,994	5,273,732	585,209	5,659,019	3,410,851
NY Off - Composite	7,172,485	2,764,516	8,087,909	2,153,787	5,603,532
NYSE Amer UP	11,602	15,492	5,681	25,304	31,522
NYSE Amer Off	20,368	10,205	23,297	4,194	30,146
NASD Up	690,995	3,364,742	827,569	3,431,558	2,082,303
NASD Off	3,825,842	1,456,785	4,043,776	1,245,804	3,095,849
NYSE Arca UP	218,133	551,413	69,086	575,750	257,505
NYSE Arca Off	660,501	158,789	866,063	188,931	471,861
% (QCHA)	−11.58	+1.39	−14.31	+9.01	−.68
% (QACH)	−8.27	+3.51	−11.10	+6.86	−.15
% (QCHAQ)	−10.93	+4.55	−9.91	+7.43	−.77

Market Advance/Decline Totals
Week ended last Friday compared to previous Friday

Weekly Comp.	NYSE	NYSE Amer	Nasdaq	NYSE Arca
Total Issues	3,084	290	3,501	1,576
Advances	184	50	510	162
Declines	2,892	239	2,966	1,414
Unchanged	8	1	25	...
New Highs	23	...	38	92
New Lows	2,714	198	2,580	1,354

NYSE Composite Daily Breadth

Daily	Mar 16	17	18	19	20
Issues Traded	3,060	3,050	3,046	3,056	3,055
Advances	119	1,817	186	2,309	1,316
Declines	2,934	1,202	2,853	724	1,703
Unchanged	7	31	7	23	36
New Highs	...	8	14	5	1
New Lows	2,001	1,324	2,233	1,051	299
Blocks - primary	8,480	7,998	8,770	7,258	8,127
Total (000) - primary	1,885,585	1,959,129	1,920,591	1,711,425	2,700,203
Total (000)	7,694,730	8,180,587	8,679,597	7,852,677	9,043,541

NYSE American Composite

Daily	Mar 16	17	18	19	20
Issues Traded	280	274	282	279	278
Advances	25	163	32	204	146
Declines	253	110	249	71	127
Unchanged	2	1	1	4	5
New Highs	...	...	...	...	...
New Lows	138	66	131	83	20
Blocks - primary	307	184	201	218	220
Total (000) - primary	32,123	25,697	28,980	29,511	62,408
Total (000)	186,725	174,278	220,230	216,227	222,752

Nasdaq

Daily	Mar 16	17	18	19	20
Issues Traded	3,392	3,380	3,407	3,382	3,374
Advances	267	2,216	343	2,558	1,307
Declines	3,105	1,139	3,033	797	2,017
Unchanged	20	25	31	27	50
New Highs	12	12	16	13	8
New Lows	1,935	1,104	1,698	810	329
Blocks - primary	18,210	18,756	18,784	18,552	19,844
Total (000)	4,521,649	4,824,357	4,874,838	4,694,299	5,198,788

NYSE Arca Composite

Daily	Mar 16	17	18	19	20
Issues Traded	1,569	1,566	1,573	1,570	1,570
Advances	188	1,108	145	1,048	508
Declines	1,380	453	1,426	517	1,057
Unchanged	1	5	2	5	5
New Highs	58	32	67	37	10
New Lows	1,195	506	1,122	383	264
Blocks - primary	4,665	3,445	5,837	5,178	4,021
Total (000) - primary	878,634	711,193	935,161	768,987	729,456
Total (000)	3,541,913	3,383,187	4,272,645	3,984,930	3,818,502

OTHER MARKET INDEXES

Daily	3/16	3/17	3/18	3/19	3/20
NYSE Amer Comp	1499.15	1503.07	1317.22	1399.56	1408.94
AmMajorMkt	1924.51	2006.31	1885.88	1891.79	1810.96
BNY ADR Idx	100.49	106.10	99.02	100.46	99.14
Europe	88.02	92.98	86.68	88.68	87.14
Latin Am	124.97	131.30	115.01	118.94	115.25
Asia	135.97	143.52	135.56	135.57	135.04
Emerg M	237.63	248.79	230.35	229.94	229.44
DJ US TSM Float	23920.77	25309.87	23829.82	24116.65	23104.72
Nasdaq Cmp	6904.59	7334.78	6989.84	7150.58	6879.52
100 Index	7020.38	7473.95	7175.18	7288.52	6994.29
Indus.	5266.93	5576.71	5311.86	5445.54	5239.66
Insur.	6796.72	7410.80	6917.00	6940.05	6687.82
Banks	2354.98	2574.39	2312.02	2442.44	2266.54
Computer	4630.45	4929.89	4704.98	4794.23	4610.32
Telecom	298.17	311.28	309.91	322.10	307.76
NYSE Comp.-z	9567.53	10063.36	9384.60	9461.31	9133.16
Financial-z	5714.87	5987.96	5458.99	5540.64	5348.94
Health Care-z	14192.37	15015.13	14396.14	14215.15	13630.24
Energy-z	4619.10	4655.54	4032.17	4294.80	4354.79
Russell 1000	1306.51	1381.49	1304.56	1315.89	1260.64
2000	1037.42	1106.51	991.16	1058.75	1013.89
3000	1564.66	1451.41	1366.62	1382.84	1324.77
Value-v	920.85	975.95	909.30	913.14	874.66
Growth-v	1378.16	1454.45	1388.70	1405.78	1346.94
MidCap	1611.32	1696.67	1558.31	1587.41	1519.37
S&P 100 Index	1094.07	1159.11	1110.59	1114.60	1065.65
500	2386.13	2529.19	2398.10	2409.39	2304.92
Ind.	3294.41	3482.08	3322.58	3340.97	3197.76
MidCap	1334.12	1403.28	1258.24	1317.54	1257.86
SmallCap	629.36	670.06	600.82	635.19	604.74
Value Line(A)	4122.55	4280.57	3854.81	4099.97	3975.93
Value Line(G)	331.43	342.71	306.90	324.72	313.68
DJ US Small TSM	7009.70	7392.86	6621.12	7025.01	6750.47

(A)-Arithmetic Index. (G)-Geometric Index.
(v)-Value 1000 and Growth 1000. (y)-Dec. 31,1965=50. (z)-Dec. 31,2002=5000.

Market Laboratory

INDEXES' P/ES & YIELDS

DJ latest 52-week earnings and dividends adjusted by Dow Divisors at Friday's close. S&P Dec. 4-quarter's GAAP earnings as reported and indicated dividends based on Friday close.S&P 500 P/E ratios based on GAAP earnings as reported. For additional earnings series, please refer to www.spglobal.com. DJ latest available book values for FY 2018 and 2017, and S&P latest for 2018 and 2017. r-Revised data

	Last Week	Prev. Week	Year Ago
DJ Ind Avg	**19173.98**	**23185.62**	**25502.32**
P/E Ratio	14.89	18.00	17.63
Earns Yield %	6.72	5.56	5.67
Earns $	1288.07	1288.07	1446.49
Divs Yield %	3.40	2.81	2.28
Divs $	652.42	652.35	581.80
Mkt to Book	2.94	3.56	4.11
Book Value $	6512.92	6512.92	6201.99
DJ Trans Avg	**6837.72**	**7939.40**	**10052.30**
P/E Ratio	11.97	13.67	16.27
Earns Yield %	8.35	7.32	6.15
Earns $	571.07	580.84	617.81
Divs Yield %	2.54	2.18	1.59
Divs $	173.59	173.47	159.36
Mkt to Book	2.11	2.45	3.12
Book Value $	3239.67	3239.67	3217.98
DJ Utility Avg	**646.13**	**762.60**	**784.26**
P/E Ratio	16.94	19.99	23.85
Earns Yield %	5.90	5.00	4.19
Earns $	38.14	38.14	32.89
Divs Yield %	4.01	3.39	3.12
Divs $	25.92	25.87	24.44
Mkt to Book	1.74	2.06	2.18
Book Value $	370.98	370.98	360.31
S&P 500 Index	**2304.92**	**2711.02**	**2800.71**
P/E Ratio	17.34	20.40	21.48
Earns Yield %	5.77	4.90	4.66
Earns $	132.90	132.90	130.39
Divs Yield %	2.67	2.27	2.03
Divs $	61.54	61.54	56.85
Mkt to Book	2.71	3.18	3.39
Book Value $	851.62	851.62	826.52
S&P Ind Index	**3197.76**	**3724.43**	**3799.18**
P/E Ratio	19.87	23.14	24.23
Earns Yield %	5.03	4.32	4.13
Earns $	160.94	160.94	156.81
Divs Yield %	2.19	2.07	1.87
Divs $	70.03	77.10	71.04
Mkt to Book	3.62	4.22	4.48
Book Value $	883.41	883.41	847.90

144 FILINGS

SEC Form 144 must be filed by holders of restricted securities (also called letter stock) who intend to sell shares. Shares Indicated: the number to be sold. Sales Date: the approximate date of the sale. (Sometimes shares aren't sold, even though their owner has filed a Form144.) Source: Thomson Reuters

Company	Sym	Shares Indicated	$ Value	Sale Date	Seller	Title
Snap	SNAP	1,485,521	20,736,387	3/3/20	Spiegel, Evan	O
Ameresco	AMRC	800,000	17,000,000	3/5/20	Sakellaris, George	CEO
Stoke Therapeutics	STOK	599,103	14,827,799	3/1/20	Nash, Huw	O
Fastly	FSLY	280,418	6,028,987	3/4/20	Dhaliwal, Sunil	AF
Microsoft	MSFT	280,174	48,411,265	3/3/20	Nadella, Satya	AF
Clorox	CLX	252,794	41,230,701	3/2/20	Dorer, Benno	O
Nike	NKE	165,000	15,006,295	3/2/20	Parker, Mark	OE
10X Genomics	TXG	135,000	9,799,650	3/6/20	Hindson, Benjamin	AF
Realpage	RP	131,043	8,200,000	3/3/20	Chaney, William	AF
Abbott Laboratories	ABT	127,882	10,230,661	3/2/20	Yoor, Brian	FO

THE WEEK IN STOCKS FOR THE MAJOR INDEXES

12-Month High	12-Month Low		Weekly High	Weekly Low	Friday Close	Friday Chg.	Weekly % Chg.	12-Month Chg.	12-Month % Chg.	Change From 12/31	Change From % Chg.
Dow Jones Indexes											
29551.42	19173.98	**30 Indus**	21237.38	19173.98	19173.98	–4011.64	–17.30	–6328.34	–24.81	–9364.46	–32.81
11304.97	6837.72	**20 Transp**	7468.23	6837.72	6837.72	–1101.68	–13.88	–3214.58	–31.98	–4063.56	–37.28
960.89	646.13	**15 Utilities**	769.69	646.13	646.13	–116.47	–15.27	–138.13	–17.61	–233.04	–26.51
9710.01	6304.73	**65 Comp**	7059.90	6304.73	6304.73	–1214.87	–16.16	–2146.73	–25.40	–3081.75	–32.83
Dow Jones Indexes											
34631.28	23105.30	**US TSM Float**	25309.87	23105.30	23105.30	–4183.03	–15.33	–5711.99	–19.82	–9930.08	–30.06
840.63	563.72	**US Market**	617.73	563.72	563.72	–101.96	–15.32	–133.60	–19.16	–237.04	–29.60
698.43	487.28	**Internet**	517.78	487.28	503.63	–48.62	–8.80	–118.65	–19.07	–124.84	–19.86
New York Stock Exchange											
14183.20	9133.16	**Comp-z**	10063.36	9133.16	9133.16	–1718.82	–15.84	–3406.25	–27.16	–4779.87	–34.36
8908.29	5348.94	**Financial-z**	5987.96	5348.94	5348.94	–1307.70	–19.65	–2251.77	–29.63	–3351.17	–38.52
18588.15	13630.24	**Health Care-z**	15015.13	13630.24	13630.24	–2205.84	–13.93	–2404.97	–15.00	–4439.85	–24.57
11093.82	4032.17	**Energy-z**	4655.54	4032.17	4354.79	–1033.74	–19.18	–6280.03	–59.05	–5682.52	–56.61
NYSE American Stock Exchange											
2629.04	1317.22	**NYSE Amer Comp**	1503.07	1317.22	1408.94	–193.31	–12.06	–1110.01	–44.07	–1143.62	–44.80
2852.12	1810.96	**Major Mkt**	2006.31	1810.96	1810.96	-373.67	–17.10	–777.36	–30.03	–963.75	–34.73
Standard & Poor's Indexes											
1518.94	1065.65	**100 Index**	1159.11	1065.65	1065.65	–171.55	–13.87	–173.44	–14.00	–376.52	–26.11
3386.15	2304.92	**500 Index**	2529.19	2304.92	2304.92	–406.10	–14.98	–495.79	–17.70	–925.86	–28.66
4605.11	3197.76	**Indus**	3482.08	3197.76	3197.76	–526.67	–14.14	–601.42	–15.83	–1173.86	–26.85
2106.12	1257.86	**MidCap**	1403.28	1257.86	1257.86	–289.12	–18.69	–597.13	–32.19	–805.16	–39.03
1041.03	600.82	**SmallCap**	670.06	600.82	604.74	–121.24	–16.70	–313.35	–34.13	–416.44	–40.78
Nasdaq Stock Market											
9817.18	6879.52	**Comp**	7334.78	6879.52	6879.52	–995.36	–12.64	–763.15	–9.99	–2093.09	–23.33
9718.73	6978.02	**100 Index**	7473.95	6994.29	6994.29	–1000.97	–12.52	–331.77	–4.53	–1738.78	–19.91
7463.47	5239.66	**Indus**	5576.71	5239.66	5239.66	–658.65	–11.17	–928.32	–15.05	–1568.04	–23.03
10673.14	6687.82	**Insur**	7410.80	6687.82	6687.82	–1253.61	–15.79	–2005.49	–23.07	–3304.13	–33.07
4011.98	2266.54	**Banks**	2574.39	2266.54	2266.54	–402.26	–15.07	–1129.54	–33.26	–1702.29	–42.89
6590.23	4330.70	**Computer**	4929.89	4610.32	4610.32	–754.86	–14.07	–30.16	–0.65	–1268.68	–21.58
439.67	298.17	**Telecom**	322.10	298.17	307.76	–23.65	–7.14	–100.75	–24.66	–80.75	–20.78
Russell Indexes											
1875.24	1260.64	**1000**	1381.49	1260.64	1260.64	–227.40	–15.28	–290.31	–18.72	–523.57	–29.34
1705.22	991.16	**2000**	1106.51	991.16	1013.89	–196.25	–16.22	–492.03	–32.67	–654.58	–39.23
1984.26	1324.77	**3000**	1564.66	1324.77	1324.77	–239.94	–15.33	–324.29	–19.66	–567.48	–29.99
1591.36	874.66	**Value-v**	975.95	874.66	874.66	–171.97	–16.43	–327.52	–27.24	–473.00	–35.10
1931.39	1346.94	**Growth-v**	1454.45	1346.94	1346.94	–225.40	–14.34	–154.34	–10.28	–423.58	–23.92
2472.07	1519.37	**MidCap**	1696.67	1519.37	1519.37	–337.47	–18.17	–600.86	–28.34	–862.54	–36.21
Others											
6789.54	3854.81	**Value Line-a**	4280.57	3854.81	3975.93	–763.07	–16.10	–2071.28	–34.25	–2682.77	–40.29
562.05	306.90	**Value Line-g**	342.71	306.90	313.68	–68.95	–18.02	–210.41	–40.15	–238.51	–43.19
11510.08	6621.12	**DJ US Small TSM**	7392.86	6621.12	6750.47	–1405.50	–17.23	–3443.09	–33.78	–4514.51	–40.08
746.64	468.81	**Barron's 400**	513.48	468.81	468.81	–86.04	–15.51	–201.68	–30.08	–263.42	–35.97

High/Low's are based upon the daily closing index. a-Arithmetic Index. G-Geometric Index. V-Value 1000 and Growth 1000 y-Dec. 31,1965=50 z-Dec. 31,2002=5000

PER SHARE VALUES OF STOCKS IN THE DOW JONES AVERAGES

This is a list of the Dow Jones trailing 52-week diluted share earnings, dividends and book values as reported by the company. Bolded numbers indicate new values. Sources Barron's Stats and FactSet.

Industrial Stocks

	Earns	Divs.	Book Value		Earns	Divs.	Book Value
Am Exp	7.98	1.64	26.32	JPMorgChase	10.72	3.40	70.35
Apple	12.66	3.08	22.53	McDonalds	7.88	4.82	(8.16)
Boeing	(1.20)	8.22	0.60	Merck Co	3.81	2.32	10.30
Caterpillar	10.71	3.95	24.39	Microsoft	5.74	1.94	13.39
Chevron Corp	1.51	4.86	81.22	Nike Inc	2.86	0.93	5.77
Cisco Sys	2.56	1.40	9.36	Pfizer	2.87	1.46	11.09
Coca Cola	2.07	1.61	3.98	Proc Gam	1.69	2.9836	18.49
Disney Walt	6.28	1.76	32.52	3M Co	7.81	5.79	16.99
Dow	(2.35)	2.80		Travelers Cos	9.94	3.28	86.85
ExxonMobil	3.36	3.48	45.27	UnitedHealth Grp	14.33	4.32	53.85
Goldman Sachs	21.00	4.60	214.80	Utd Tech	6.41	2.94	44.63
Home Depot	10.25	5.58	(1.70)	Verizon	4.65	2.435	12.86
IBM	10.93	6.48	18.82	Visa	5.48	1.10	12.88
Intel	4.72	1.275	16.51	Walgreens	4.07	1.8185	27.31
Johnson&John	6.78	3.80	22.44	Wal-mart	5.19	**2.13**	25.19

Transportation Stocks

	Earns	Divs.	Book Value		Earns	Divs.	Book Value
Alaska Air Group	6.20	1.425	30.45	KC Southern	5.41	1.52	47.65
American Airlines	3.81	0.40	(0.37)	Kirby Corp	2.38	Nil	53.67
Avis Budget Grp	4.01	Nil	5.45	Landstar Sys	5.73	0.70	17.12
C.H. Robinson	4.18	2.02	11.62	Matson Inc	1.92	0.87	17.69
CSX Corp	4.17	0.98	15.35	Norf So	10.25	3.68	57.30
Delta Air Lines	7.32	1.5575	20.13	Ryder Sys	(0.21)	2.20	54.79
Expeditors Int'l	3.39	1.00	11.58	Southwest Air	4.28	**0.72**	17.83
FedEx	**(1.39)**	2.60	68.08	Un Pacific	8.39	3.79	28.17
Hunt (JB)	5.07	1.05	19.33	UPS	5.11	3.89	3.52
JetBlue Air	1.92	Nil	15.02	United Airlines	11.63	Nil	37.03

Utility Stocks

	Earns	Divs.	Book Value		Earns	Divs.	Book Value
AES Corp.	0.45	0.5528	4.84	Exelon	3.01	1.47	31.78
Am Elec	3.89	2.74	38.58	FirstEnergy	1.70	1.53	13.17
American Water Works	3.43	2.00	32.45	NextEra Energy	7.77	5.15	71.43
CenterPt Energy	1.33	1.1525	12.61	NiSource Inc.	0.88	0.81	13.08
Con Ed	4.07	2.985	52.11	Pub Sv Ent	3.33	1.90	28.53
Dominion Energy	3.40	3.6925	29.53	Sempra Energy	7.24	**3.9475**	54.35
Duke Energy	5.06	3.7625	60.27	Southn Co.	4.55	2.48	23.91
Edison Int'l	3.81	2.4425	32.10				

DISTRIBUTIONS & OFFERINGS

Secondary Distributions of common stocks

Safehold	1,495,000	$46.88	$70,085,600
Village Farms International	3,125,000	$3.20	$6,881,602

Source: Dealogic LLC, New York City; (212) 577-4400.

DELTA MARKET SENTIMENT INDICATOR

The Delta MSI measures the position of ~1,800 stocks relative to an intermediate-term moving average crossover (MAC) point. When greater than 50% of the stocks followed are above this MAC point, the market is bullish and equities are attractive. When the indicator is below 50%, risk is elevated and stock exposures should be reduced. Manager uses discretion on asset allocation when MSI is 50% +/-3%.

Current Sentiment	Last Week	2 Weeks Ago	3 Weeks Ago
BEARISH	2.5%	10.3%	19.6%

Current Market Exposure: 0% Equities, 0% Bonds, 100% Cash
Source: Delta Investment Management
www.deltaim.com, (415) 249-6337

BARRON'S 50-STOCK AVERAGE

This index is an weighted average of 50 leading issues. Useful in security valuation. Source: Barron's Stats

	Mar 19 2020	Mar 12 2020	Mar 2019	Yr-to-Yr % Chg
S&P 500 Index	2409.39	2480.64	2806.93	–14.16
Barron's 50 Index	6493.98	6822.84	8867	–26.76
Projected quarterly earn	103.15	105.81	95.26	8.29
Annualized projected earn	412.61	423.25	381.04	8.29
Annualized projected P/E	15.74	16.12	23.27	–32.37
Five-year average earn	398.28	398.81	398.0	0.08
Five-year average P/E	16.31	17.11	22.28	–26.82
Year-end earn	390.15	392.81	447.8	–12.88
Year-end P/E	16.64	17.37	19.80	–15.94
Year-end earns yield, %	6.01	5.76	5.1	18.95
Best grade bond yields, %	4.01	2.87	3.6	11.08
Bond yields/stock ylds, %	0.67	0.50	0.71	–6.60
Actual year-end divs	222.95	222.56	209.95	6.19
Actual yr-end divs yld, %	3.43	3.26	2.37	44.99

STOCK VOLUME

	Last Week	Prev. Week	Year Ago	YOY % Chg
NYSE(a)	10,176,933	9,824,505	6,322,596	60.96
30 Dow Inds (b)	4,122,009	3,851,105	1,734,349	137.67
20 Dow Trans (b)	1,181,469	917,375	306,977	284.87
15 Dow Utils (b)	492,601	505,150	275,005	79.12
65 Dow Stks (b)	5,796,079	5,273,630	2,316,331	150.23
NYSE American (a)	178,718	167,544	101,297	76.43
Nasdaq(d)	24,113,931	22,784,840	11,902,893	102.59
NYSE 15 Most Active				
Average Price	14.41	12.73	17.86	-19.32
% Tot Vol	13.57	16.12	16.74	-18.94
Stock Offerings $(z,v)	70,100	r555,500	8,128,400	-99.14

Daily Stock Volume

Daily	3/16	3/17	3/18	3/19	3/20
NYSE(a)	1,885,585	1,959,129	1,920,591	1,711,425	2,700,203
30 Inds (b)	775,906.0	795,840.2	874,090.3	795,798.2	880,374.3
20 Trans (b)	242,467.1	190,403.8	278,183.4	230,224.1	240,190.4
15 Utils (b)	95,845.2	108,560.0	94,561.1	81,011.7	112,623.4
65 Stks (b)	1,114,218.3	1,094,804.0	1,246,834.8	1,107,034.0	1,233,188.1
NYSE Amer(a)	32,123	25,697	28,980	29,511	62,408
Nasd(d)	4,521,649	4,824,357	4,874,838	4,694,299	5,198,788
NYSE 15 Most Active					
Avg. Price	14.38	22.12	19.76	15.44	16.01
% Tot Vol	13.88	13.50	14.69	13.59	13.75

Numbers in thousands save price and percentages. (a) Primary volume. (b) Composite volume. (d) as of 4:10 pm. (r) Revised. (v) W/E Thursday. (z) Source: Refinitiv.

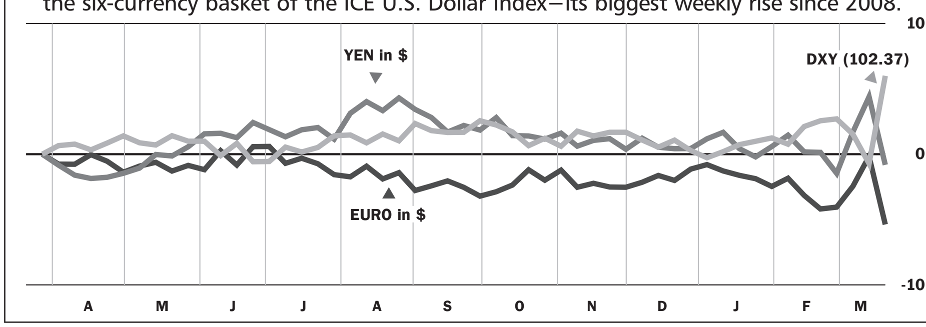
Coming U.S. Auctions

Day		When Issued* Yields (%)	Last Auction Yields (%)
M			
$45.0 bil	3-month	0.033	0.294
$39.0 bil	6-month	0.023	0.305
T			
$26.0 bil	1-year	0.140	1.304
$40.0 bil	2-year	0.372	1.125
W			
$41.0 bil	5-year	0.520	1.125
TH			
$32.0 bil	7-year	0.812	1.125

*** As of Friday afternoon.**

U.S. DOLLAR INDEX vs EURO and YEN

Money Hungry: The world's scramble for dollars lifted the greenback 3.5% against the six-currency basket of the ICE U.S. Dollar Index—its biggest weekly rise since 2008.



Source: Tullett Prebon

Market Laboratory

DOW JONES U.S. TOTAL MARKET INDUSTRY GROUPS

			Net Change		% Change and Ranking							52 Week	
Top 20 Weekly Ranked	**IG-Sym**	**Close**	**Wkly**	**YTD**	**Week**	**Rank**	**Yr Ago**	**Rank**	**YTD**	**Rank**	**3 Yr**	**High**	**Low**
Coal	DJUSCL	7.02	+.59	–9.79	+9.17	[1]	–87.30	[142]	–58.22	[131]	–42.69	55.95	4.75
Mining	DJUSMG	86.04	+4.44	–10.75	+5.44	[2]	+11.92	[4]	–11.11	[8]	+5.22	109.51	71.12
Gold Mining	DJUSPM	92.52	+4.76	–10.74	+5.42	[3]	+19.73	[2]	–10.40	[6]	+9.20	117.80	70.75
Broadline Retailers	DJUSRB	2012.01	+92.79	–8.13	+4.83	[4]	+8.71	[6]	–.40	[1]	+26.35	2,272.42	1,791.13
Delivery Svcs	DJUSAF	748.42	+10.15	–197.50	+1.37	[5]	–22.22	[72]	–20.88	[31]	–7.60	1,016.62	666.48
Drug Retailers	DJUSRD	730.36	+.56	–113.35	+.08	[6]	–17.33	[59]	–13.43	[11]	–13.99	895.26	649.45
Food & Drug Retailers	DJUSDR	658.95	–2.19	–67.01	–.33	[7]	+4.03	[9]	–9.23	[3]	+1.52	749.58	596.90
Food Retailers & Whlslrs	DJUSFD	482.11	–2.25	–40.54	–.46	[8]	+14.35	[3]	–7.76	[2]	+14.57	547.43	421.17
Nondurable Hshld Pdts	DJUSHN	888.49	–14.94	–93.78	–1.65	[9]	+8.36	[7]	–9.55	[5]	+6.53	1,003.84	815.15
Mobile Telecom	DJUSWC	358.56	–6.14	–43.54	–1.68	[10]	–5.28	[21]	–10.83	[7]	+1.64	405.63	341.25
Telecom Equipment	DJUSCT	1011.39	–21.46	–272.53	–2.08	[11]	–25.29	[86]	–21.23	[34]	+1.17	1,454.29	928.91
Distillers & Vintners	DJUSVN	306.73	–10.41	–130.91	–3.28	[12]	–17.31	[58]	–29.91	[71]	–2.96	475.69	298.71
Trucking	DJUSTK	691.30	–30.08	–163.27	–4.17	[13]	–11.50	[37]	–19.11	[22]	+3.17	911.64	659.48
Biotechnology	DJUSBT	1859.81	–85.70	–299.42	–4.40	[14]	–8.61	[27]	–13.87	[13]	+1.79	2,213.12	1,774.85
Retail	DJUSRT	1207.27	–60.30	–186.13	–4.76	[15]	–4.56	[18]	–13.36	[10]	+10.95	1,519.42	1,135.92
Containers & Packaging	DJUSCP	292.77	–14.86	–110.10	–4.83	[16]	–22.75	[77]	–27.33	[57]	–6.20	413.92	274.57
Gas Distribution	DJUSGU	245.96	–13.15	–69.39	–5.07	[17]	–24.56	[81]	–22.00	[35]	–4.59	337.51	229.80
General Retailers	DJUSGT	1337.33	–75.94	–216.47	–5.37	[18]	–5.70	[22]	–13.93	[14]	+13.64	1,706.84	1,258.95
Food Producers	DJUSFO	313.83	–20.01	–89.62	–5.99	[19]	–10.03	[31]	–22.21	[38]	–8.07	405.76	309.21
Food Products	DJUSFP	434.23	–27.68	–124.00	–5.99	[20]	–10.03	[32]	–22.21	[39]	–8.07	561.42	427.83
			Net Change		**% Change and Ranking**							**52 Week**	
Top 20 Yr Ago Ranked	**IG-Sym**	**Close**	**Wkly**	**YTD**	**Week**	**Rank**	**Yr Ago**	**Rank**	**YTD**	**Rank**	**3 Yr**	**High**	**Low**
Computer Hardware	DJUSCR	3104.71	–431.79	–732.14	–12.21	[66]	+22.02	[1]	–19.08	[21]	+16.32	4,236.36	2,354.91
Gold Mining	DJUSPM	92.52	+4.76	–10.74	+5.42	[3]	+19.73	[2]	–10.40	[6]	+9.20	117.80	70.75
Food Retailers & Whlslrs	DJUSFD	482.11	–2.25	–40.54	–.46	[8]	+14.35	[3]	–7.76	[2]	+14.57	547.43	421.17
Mining	DJUSMG	86.04	+4.44	–10.75	+5.44	[2]	+11.92	[4]	–11.11	[8]	+5.22	109.51	71.12
Water	DJUSWU	2493.56	–182.34	–254.87	–6.81	[24]	+9.88	[5]	–9.27	[4]	+12.57	3,131.32	2,214.96
Broadline Retailers	DJUSRB	2012.01	+92.79	–8.13	+4.83	[4]	+8.71	[6]	–.40	[1]	+26.35	2,272.42	1,791.13
Nondurable Hshld Pdts	DJUSHN	888.49	–14.94	–93.78	–1.65	[9]	+8.36	[7]	–9.55	[5]	+6.53	1,003.84	815.15
Software	DJUSSW	2661.66	–267.78	–382.04	–9.14	[40]	+6.31	[8]	–12.55	[9]	+22.26	3,566.09	2,456.44
Food & Drug Retailers	DJUSDR	658.95	–2.19	–67.01	–.33	[7]	+4.03	[9]	–9.23	[3]	+1.52	749.58	596.90
Technology Hardware & Equip	DJUSTQ	1659.99	–217.24	–469.28	–11.57	[63]	+1.80	[10]	–22.04	[37]	+10.78	2,311.70	1,489.26
Fixed Line Telecom	DJUSFC	141.82	–15.12	–36.10	–9.63	[48]	+1.53	[11]	–20.29	[26]	–8.55	180.42	137.95
Specialty Finance	DJUSSP	251.40	–44.48	–77.49	–15.03	[80]	–1.16	[12]	–23.56	[44]	+16.50	382.03	239.65
Toys	DJUSTY	800.07	–67.90	–167.97	–7.82	[28]	–1.33	[13]	–17.35	[18]	–.97	1,006.41	772.82
Leisure Goods	DJUSLE	518.54	–51.69	–131.01	–9.06	[38]	–1.87	[14]	–20.17	[24]	–1.47	672.35	503.78
Hshld Goods & Home Constr	DJUSHG	634.84	–44.72	–147.54	–6.58	[22]	–1.98	[15]	–18.86	[20]	–.06	810.94	623.92
Software & Computer Svcs	DJUSSV	2443.70	–242.42	–474.25	–9.02	[37]	–2.04	[16]	–16.25	[16]	+12.97	3,339.96	2,332.65
Personal Products	DJUSCM	526.93	–37.28	–81.88	–6.61	[23]	–2.19	[17]	–13.45	[12]	–.72	650.60	516.43
Retail	DJUSRT	1207.27	–60.30	–186.13	–4.76	[15]	–4.56	[18]	–13.36	[10]	+10.95	1,519.42	1,135.92
Soft Drinks	DJUSSD	618.09	–74.55	–147.15	–10.76	[58]	–4.76	[19]	–19.23	[23]	+1.47	825.61	618.09
Waste & Disposal Svcs	DJUSPC	273.53	–26.57	–58.57	–8.85	[35]	–5.02	[20]	–17.64	[19]	+5.40	364.49	273.53

Groups are weighted by capitalization. 52-week highs and lows are based on daily closes. Dec. 31, 1991=100. In the U.S. listings, % vol chg column shows the change from previous 65-day moving average. Volume figures do not reflect extended trading hours.

MONTHLY DOW JONES INDUSTRIAL AVERAGE

Year Month	First Closing	Closing High	Closing Low	Close Avg Mean	Last Close	Chg.	% Chg.	Avg. P/E	Avg. Yield
2020									
Feb	28399.81	29551.42	25409.36	28519.73	25409.36	– 2846.67	– 10.07	21.95	2.28
Jan	28868.80	29348.10	28256.03	28879.99	28256.03	– 282.41	– 0.99	21.34	2.21
2019									
Dec	27783.04	28645.26	27502.81	28167.01	28538.44	+ 487.03	+ 1.74	20.90	2.24
Nov	27347.36	28164.00	27347.36	27797.05	28051.41	+ 1005.18	+ 3.72	20.52	2.24
Oct	26573.04	27186.69	26078.62	26736.80	27046.23	+ 129.40	+ 0.48	19.29	2.30

US TREASURY BILLS

Maturity	Bid	Asked	Wkly Chg.	Ask Yld.
Mar 24 '20	0.06	0.05	-0.35	0.05
Mar 26 '20	0.04	0.03	-0.38	0.03
Mar 31 '20	0.05	0.04	-0.25	0.04
Apr 02 '20	-0.03	-0.04	-0.29	-0.04
Apr 07 '20	0.03	0.02	-0.16	0.02
Apr 09 '20	0.02	0.01	-0.25	0.01
Apr 14 '20	0.04	0.03	-0.29	0.03
Apr 16 '20	0.05	0.04	-0.18	0.04
Apr 21 '20	0.03	0.02	-0.23	0.02
Apr 23 '20	0.05	0.04	-0.22	0.04
Apr 28 '20	0.04	0.03	-0.22	0.03
Apr 30 '20	0.03	0.02	-0.22	0.02
May 05 '20	....	-0.01	-0.24	-0.01
May 07 '20	0.05	0.04	-0.16	0.04
May 12 '20	0.01	....	-0.28	....
May 14 '20	0.03	0.02	-0.24	0.02
May 19 '20	0.03	0.02	....	0.02
May 21 '20	0.05	0.04	-0.18	0.04
May 28 '20	0.03	0.02	-0.22	0.02
Jun 04 '20	0.04	0.03	-0.23	0.03
Jun 11 '20	0.03	0.02	-0.24	0.02
Jun 18 '20	0.03	0.02	-0.23	0.02
Jun 25 '20	0.03	0.02	-0.22	0.02
Jul 02 '20	0.04	0.03	-0.25	0.03
Jul 09 '20	0.02	0.01	-0.29	0.01
Jul 16 '20	0.04	0.03	-0.25	0.03
Jul 23 '20	0.03	0.02	-0.28	0.02
Jul 30 '20	0.04	0.03	-0.29	0.03
Aug 06 '20	0.04	0.03	-0.31	0.03
Aug 13 '20	0.04	0.03	-0.30	0.03
Aug 20 '20	0.03	0.02	-0.32	0.02
Aug 27 '20	0.03	0.02	-0.31	0.02
Sep 03 '20	0.04	0.03	-0.30	0.03
Sep 10 '20	0.05	0.04	-0.30	0.04
Sep 17 '20	0.02	0.01	....	0.01
Oct 08 '20	0.01	....	-0.31	....
Nov 05 '20	0.04	0.03	-0.30	0.03
Dec 03 '20	0.07	0.06	-0.25	0.06
Dec 31 '20	0.12	0.11	-0.22	0.11
Jan 28 '21	0.14	0.13	-0.20	0.13
Feb 25 '21	0.14	0.13	-0.20	0.13

NYSE HALF-HOURLY VOLUME

Daily	3/16	3/17	3/18	3/19	3/20
9:30-10:00	178,980	194,746	209,723	186,883	428,236
10:00-10:30	135,100	113,180	101,274	101,619	89,416
10:30-11:00	117,151	104,551	95,167	86,848	89,858
11:00-11:30	96,041	100,919	95,516	79,401	95,897
11:30-12:00	85,294	79,359	79,854	85,209	69,906
12:00-12:30	77,969	96,655	77,726	75,289	73,412
12:30-1:00	68,045	72,045	68,945	68,477	66,393
1:00-1:30	64,501	67,890	79,376	55,191	59,514
1:30-2:00	62,833	67,174	97,464	62,528	55,443
2:00-2:30	67,071	73,490	86,514	66,002	66,534
2:30-3:00	80,003	76,472	91,872	76,935	73,732
3:00-3:30	87,509	94,377	109,086	95,507	99,786
3:30-4:00	765,090	818,273	728,271	671,567	1,432,075

Coming Earnings

Day	Consensus Estimate	Year Ago
Continued from page 13 of the main section.		
TH		
FactSet Research (Q2)	2.49	2.42
Gamestop (Q4)	0.79	1.60
Science Applications (Q4)	1.34	-0.20

(Earnings are diluted and report dates are tentative. All forecasts and historical numbers exclude extraordinary items by accounting definitions.)

Source: FactSet

YEARLY HI/LO BARRON'S GOLD MINING INDEX

The yearly Barron's Gold Mining Index price; with a high/low range based on the weekly close.

Year	High	Date		Low	Date	
2020	614.99	Feb	20	391.56	Mar	19
2019	597.01	Dec	26	400.31	Jan	24
2018	540.76	Jan	25	382.52	Oct.	25
2017	567.38	Feb	16	456.65	Dec	07
2016	634.16	Aug	11	245.05	Jan	21
2015	557.39	Jan	22	265.74	Dec	17
2014	815.69	July	17	499.10	Dec	24
2013	1035.18	Jan.	10	619.44	June	28
2012	1370.44	Feb	02	963.93	Jul	12
2011	1635.01	Apr	07	1179.98	Dec	29
2010	1624.69	Dec	30	1027.10	Feb.	04
2009	1314.69	Dec	03	677.00	Jan.	15
2008	1528.87	Mar	13	464.11	Nov	20
2007	1469.94	Nov	08	920.13	Jan.	11
2006	1175.33	May	11	866.06	Mar	09
2005	892.22	Dec	29	547.82	May	12
2004	708.59	Nov	24	518.90	May	13
2003	716.04	Dec.	04	404.45	Mar	27
2002	523.52	May	23	324.28	Jan	03
2001	355.14	May	17	241.92	Jan	11
2000	365.43	Feb.	10	224.55	Nov	16
1999	433.68	Oct.	14	297.75	Apr	08
1998	487.85	Apr.	23	281.93	Aug	27
1997	709.58	Feb	27	353.74	Dec	11
1996	901.36	Feb	01	649.54	Dec	26
1995	771.42	Jun	15	652.37	Oct.	26

SELECTED INITIAL PUBLIC OFFERINGS

None

PULSE OF THE ECONOMY

Only includes new reports.

Economic Growth and Investment	Latest Date	Latest Data	Preceding Period	Year Ago	YroYr % Chg
Durable manufacturing (NAICS) a,	Feb	108.0	r107.7	109.3	–1.19
Capacity utilization %	Feb	77.0	r76.6	79.0	–2.53
Industrial output a,	Feb	109.6	r109.0	110.3	–0.63
Manufacturing (NAICS) a,	Feb	106.1	r106.0	106.6	–0.47
Nondurable manufacturing (NAICS) a	Feb	104.1	r104.2	103.8	0.29
Production					
Electric power, (mil. kw hrs) (EEI)	Mar 14	69,145	72,083	70,792	–2.33
Mining (NAICS) a,	Feb	133.0	r135.0	132.2	0.61
Petroleum, related capacity, %	Mar 13	86.4	86.4	88.9	–2.81
Rotary rigs running, U.S. & Can., (Hughes)	Mar 20	870	967	1,121	–22.39
Steel, (thous. tons)	Mar 14	1,878	1,903	1,930	–2.69
Steel, rated capacity, % (AISI)	Mar 14	80.5	81.6	82.9	–2.90
Utilities a	Feb	105.4	r98.4	108.2	–2.59
Consumption and Distribution					
Business sales, (mil. $)	Jan	1,471.21	r1,462.94	1,441.50	2.06
Instinet Research Redbook Avg. (monthly %)	Mar 14	1.06	–0.05	–4.97	….
Baltic Dry Index	Mar 20	625	633	690	–9.42
Retail store sales, (bil. $)	Feb	528.11	r530.93	506.11	4.35
Inventories					
Business inventories, (bil. $)	Jan	2,035.25	r2,038.13	2,013.18	1.10
Domestic crude oil, (thous. bbls) Comm. (Excl. Lease Stck)	Mar 13	453,737	451,783	439,483	3.24
Gasoline, (thous. bbls)	Mar 13	240,819	246,999	241,503	–0.28
Inventory–to–sales ratio (Business)	Jan	1.38	r1.39	1.40	–1.43
Orders					
No Activity for this Week					

	Latest Date	Latest Data	Preceding Period	Year Ago	YroYr % Chg
Trade					
Balance of payments (including services), (bil $)	4th Qtr	–109.8	r–125.4	–143.9	–23.70
Inflation					
JOC–ECRI Industrial Price Index f	Mar 20	76.00	83.15	98.16	–22.58
Employment					
Initial jobless claims (thous.)	Mar 14	281	211	219	28.31
Continuing claims (mil.)	Mar 7	1.701	r1.699	1.734	–1.90
Job openings, (thous.)	Jan	6,963	r6,552	7,520	–7.41
Hires, (thous.)	Jan	5,824	r5,927	5,834	–0.17
Total separations, (thous.)	Jan	5,614	r5,762	5,590	0.43
Construction					
Building contracts, F.W. Dodge, (bil. $)	Feb	767.53	r778.25	697.75	10.00
New housing permits, (thous. units)	Feb	1,464	r1,550	1,287	13.75
New housing starts, (thous. units)	Feb	1,599	r1,624	1,149	39.16
Other Indicators					
Citi Research Panic–Euphoria Reading	Mar 20	–0.08	r0.11	0.16	….
Index of coincident indicators h	Feb	107.6	107.3	105.7	1.80
Index of lagging indicators h	Feb	109.1	108.7	106.9	2.06
Index of leading indicators h	Feb	112.1	r112.0	111.5	0.54
Coincident to lagging ratio h	Feb	0.99	0.99	0.99	0.00

a-1997 equals 100. b-1982-84 equals 100. c-1982 equals 100. f-1996 equals 100. h-benchmark revision, 2016 equals 100. r-Revised.

Market Laboratory

WEEK'S NEW HIGHS AND LOWS

Weekly Comp.	NYSE	NYSE Amer	Nasdaq
New Highs	23	0	38
New Lows	2714	198	2580

NOTICE TO READERS: Due to space constraints, we are publishing an abbreviated highs and lows listing this week.

NYSE AMER

NEW LOWS

Abrdn AP IncFd
AbrdnAusEq
AberdnEMEquity
AbrdnGlobIncFd
ActiniumPharm
AdamsRes
AeroCentury
AgEagleAerial
AgeX Therap
AirIndustries
AlexcoRes
AlioGold
AlmadenMinerals
AmbowEduc
AmShrHosp
AmerGold&Silver
AnnovisBio
ArconicPfd
Ashford
AurynResources
AvalonHoldings
AvinoSilver
BK Tech
BNYM MuniIncm
B2Gold
BallantyneStrong
BancroftFund
BancroftFdPfdA
BarHarborBkshs
BioceresCropWt
BiomX
BioPharmX
BlueRidgeBkshs
BluerockResREIT
BluerockResPfdA
BluerockREITPfdC
BluerockResPfD
BowlAmerica
CKX Lands
CRH Medical
cbdMD
cbdMD PfdA
CentralSecs
Chase
CheniereEnergy
CheniereEnerPtrs
ChicagoRivet
CloughGlblDiv
CloughGlbEqFd
CloughGlblOpp
CompX Intl
CondorHospitality
ConTomka
ContangoO&G
ContinentalMatls
CoreMoldingTech
CorMedix
CornstnStrat
CornerstoneTRFd
CPI Aero
CS AssetMgmtIncm
CS HY Bond
CynergisTek
DPW
DE MN Fd II
DE CO MuniFd
DE InvNtlMunFd
DeltaApparel
DenisonMines
DunxinFinl
EVI Industries
EagleCapGrowth
EtnVncCA
EtnVncCA MIT
EtnVncLtdFd
EtnVncMuni
EtnVncNY
EtnVncNY MIT
EllsworthGrw&Incm
EllsworthPfdA
EmersonRadio
Enservco
EvansBancorp
EvolutionPetrol
FT EnerIncome
Flanigans
FlexSolInt
FranklinLtdDuratn
FranklinStProp
FriedmanInds
GAMCOGlbNat&Inc
GAMCOGlbGoldPfB
GEE Group
GabelliUtilInco
GabelliPfdB
GabelliGoAnywhere
GabelliGoAnyPfdA
GeneralMoly
GlobalSCAPE
Globalstar
GoldResource
GoldStandrdVntr
GoldenStarRscs
GranTierraEner
GreatPanther
GrupoSimec
HMG Court
HillmanGroupPfd
HoustonAmEner
IMPAC Mortgage
ImperialOil
IndiaGlblCap
IndonesiaEnergy
InnSuitesHosp
InspireMD
InspireMD Wt
IntelligentSys
IntlTowerHill
inTEST
Inuvo
InvescoAdvMuniII
IssuerDirect
Kaleyra
KelsoTechs
Libbey
MAG Silver
MatinasBioPharma
MaverixMetals
IndxPlus 03-1
MexcoEnergy
MicronSolutions
Myomo
NTN Buzztime
NatlHealthcare
Network1Techs
NewbrgrBrmHY
NeubergerBermanCA
NeuBermanMLP&En
NeubergerBermanMun
NeubergerBermanNY
NubrgrRlEstSec
NewConceptEner
NE Realty
NewGold
NexGenEnergy
NorthernDynasty
NorthernOil&Gas
NuverraEnvl
PEDEVCO
PalatinTech
ParamountGoldNV
ParkNational
PioneerDiversHiIT
PlatinumGrpMtls
PlymouthREITPfdA
PolymetMining
PowerREIT PfdA
RENN Fund
RMR Real Estate
RadiantLogistics
ReavesUtilFd
RegionalHealth
RegionalHlthPfdA
SachemCapital
SachemNts2024
SachemNts2024
SanchezMidstrm
Seaboard
Senseonics
Servotronics
SierraMetals
SifcoInd
SilvercorpMetals
SolitarioZinc
SouthwestGA Fin
SparkNetworks
StdDiversified
SuperiorDrilling
SyntheticBio
TalosEnergyWt
TanzanianGold
TasekoMines
TompkinsFin
TransEnterix
TrilogyMetals
TrinityPlace
TrioTech
UniqueFabricating
US Antimony
UnvlSecInstr
Ur-Energy
VolitionRX
VoltInfoSci
WellsFargoIncOpp
WellsFargoMltSct
WellsFargoUtils
WirelessTel
XtantMedical

NASDAQ

NEW HIGHS

AdvShDorseyShrt
ArcutisBiotherap
ARYA SciencesWt
Athersys
ATN Intl
BellerophonTherap
Betterware
Biomerica
BioNTech
Centogene
CitrixSystems
CrescentAcqn
CrossCtyHlthcr
EdtechX Un
Everbridge
FT MC US Equity
GileadSciences
GoresMetrop
GreenVisionAcqn
Imara
iSh1-3YTreasuryBd
iShiBdsDec22Trea
iShShortTreaBd
LancasterColony
Luminex
MuscleMaker
NatlSecurity
Quidel
RandCapital
RegenPharm
ShenandoahTel
StableRoadWt
SummitTherap
VS 3X INV SILVER
VS2xVIXShortTerm
VSVIXShortTerm
WD-40
ZoomVideo

NEW LOWS

1-800-FLOWERS
1347 Property
1347PropInsPfdA
180DegreeCap
1895Bancorp
1LifeHealthcare
1stConstBncp
1stSource
360Finance
36Kr
51job
89bio
8iEntsAcqn
8iEntsAcqnUn
AbeonaTherap
Abiomed
DuosTechs
DXP Ents
DyadicInt
DynavaxTechs
E*TRADE
EagleBancorp
EagleBncpMT
EagleBulkShip
Eastern
EastsideDistilling
EastStoneAcqn
EastWestBncp
eBay
eBay Nts2056
Ebix
EchoStar
InvscIntLowBeta
InvscKBWBank
InvscKBWHiDvYdFn
InvscKBWP&CIns
InvscKBWPrEquREIT
InvscKBWRegBkg
InvscNasdInt
InvscQQQI
InvscR1000LoBeta
InvscRAFIStDvxUS
InvscRAFIStratEM
InvscRAFIStratUS
InvscRAFIStrDevSm
InvscRAFIStrUSSm
InvscS&PSCCnsDisc
InvscS&PSCFinls
ProfessionalHldg
ProfireEnergy
ProgenicsPharm
ProgressSoftware
Proofpoint
PropTechAcqnA
PropTechAcqnUn
ProQR Therap
ProShEquRising
ProShUltNasdBio
ProShUltNdBio
ProShUltPrQQQ
ProtectiveInsA
ProtectiveInsB
ProvidenceService
ProvidentBncp

WEEK'S NEW HIGHS AND LOWS

AbraxisPetrol
AC Immune
AcaciaResearch
AcadiaHealthcare
AcamarPtrs
AcamarPtrs
AcamarPtrsWt
AcastiPharma
AccelerateDiag
Accuray
AcelRxPharm
AcerTherap
AchieveLifeSci
ACI Worldwide
AclarisTherap
AcordaTherap
ActIIGlbAcqn
ActIIGlbAcqnWt
AdamasPharm
Adamis
AdaptiveBiotech
AddexTherap
AddusHomeCare
ADialPharm
ADMA Biologics
Adobe
ADP
Adtran
AdvEmissions
AdvEnergyInds
AdvShDorseyMc
AdvShDW FSM AC
AdvShDW FSM US
AdvShDWAlphaEW
AdvShViceETF
Aegion
AegleaBioTherap
AehrTestSys
Aemetis
AeriePharm
AeroVironment
AerpioPharm
AEternaZentaris
Affimed
Afya
Agenus
Agilysys
AgiosPharm
AGNC InvPfdC
AGNC Invt
AGNC InvtPfdC
AGNC InvtPfdE
AGNC InvtPfdF
AgroFresh
AlkidoPharma
AimmuneTherap
Airgain
AirNetTech
AirT
AirTPfd
AirTransportSvcs
AkariTherap
Akazoo
AkceaTherap
AkersBiosciences
Akorn
AkoustisTechs
Alarm.com
AlaskaCommSys
AlbertonAcqnRt
AlbertonAcqnUn
AlbertonAcqnWt
AlbireoPharma
AldeyraTherap
AlerusFinancial
AlexionPharm
Alico
AlignTech
Alithya
ALJ Regional
AlkalineWater
Alkermes
AllegianceBcshs
AllegiantTravel
AllenaPharm
AllianceResource
AlliantEnergy
AlliedMotionTech
AllogeneTherap
Allot
AllscriptsHlthcr
Alpha&OmegaSem
AlphaMarkActiveMgd
Alphatec
AlpineImmune
AltairEngg
AlterityTherap
AltraIndlMotion
EDAP TMS
EdesaBiotech
EditasMedicine
eGain
EigerBioPharma
EksoBionics
ElbitSystems
EldoradoResorts
ElectraVehicles
Electro-Sensors
electroCore
ElectronicArts
ElmiraSvgsBank
EloxxPharm
ElPolloLoco
EmclaireFin
Emcore
EmmisComm
EnantaPharma
EncoreCapital
EncoreWire
Endologix
ENDRA LifeWt
EnduranceIntl
Energous
EnergyRecovery
ENGlobal
EnlivexTherap
EnsignGroup
EnstarGroup
EnstarPfdD
EnstarPfdE
EntasisTherap
EnterpriseFinSvcs
ePlus
EpsilonEnergy
Equillium
EquityBcshs
Ericsson
ErieIndemnity A
ErytechPharma
Escalade
EsperionTherap
EsquireFinancial
ESSA Bancorp
EstablishLabs
EtonPharm
Etsy
EuroDry
EuronetWorldwide
EveloBiosci
Ever-Glory
EVO Payments
Evogene
Evolus
EvolvingSystems
ExactSciences
ExelaTech
Exelixis
Exelon
EXFO
Exicure
ExlService
ExOne
Expedia
ExpeditorsIntl
ExperienceInvt
ExperienceInvtA
ExperienceInvtWt
eXpWorld
ExtendedStayAmer
ExtremeNetworks
Eyenovia
EyePointPharm
Ezcorp
F5Networks
Facebook
FalconMinerals
FalconMineralsWt
FangddNetwork
FarmerBros
FarmersNatlBanc
Farmmi
FARO Tech
FAT Brands
Fauquier
Ferroglobe
FFBW
FibroGen
FidelityNasdComp
FidusInvt
FidusNts2023
FidusNts2024
FidusNts2024
FiestaRestaurant
FifthThirdBncp
FifthThirdPfdB
FifthThirdPfdI
InvscS&PSCHlthCr
InvscS&PSCIndls
InvscS&PSCInfTech
InvscS&PSCMatls
InvscS&PSCUtil
InvscVarRateInvt
InvscWaterRscs
IonisPharma
IPG Photonics
IQ Chaikin US SC
IQChaikinUSLC
iRadimed
Iridex
IridiumComm
iRobot
IRSA Prop
iSh$HYxOil&Gas
iSh0-5YInvGrdCpBd
iSh13YearIntlTBd
iShAsia50ETF
iShBrdUSDInvCpBd
iShCommodSelStrat
iShCore1-5YUSDBd
iShCoreMSCITotInt
iShCoreS&PUSGrowth
iShCoreS&PUSValue
iShCoreTotalUSDBd
iShCurrHdMSCIGrmny
iShESG1-5YCpBd
iShESGEMLdrs
iShESGIUSALdrs
iShESGMSCIEAFE
iShESGUSDCorpBd
iShEurDevRealEst
iShExponentialTech
iShFallAngelsUSDBd
iShGlbCleanEnergy
iShGlbGreenBd
iShGlbTimber
iShGlobalInfra
iShiBdsDec23Trea
iShiBdsDec26Trea
iShiBdsDec28Trea
iShiBdsDec29Trea
iShIndia50ETF
iShIntermCorpBd
iShIntlDevRealEst
iShIntlTreasuryBd
iShJPMUSDEmgBd
iShMornMCValue
iShMSCI ACWI
iShMSCI EAFE SC
iShMSCI EM Asia
iShMSCIACWIxUS
iShMSCIACxJpn
iShMSCIBrazilSC
iShMSCIChina
iShMSCIEMxChina
iShMSCIEuropeFinls
iShMSCIEuropeSmCp
iShMSCIGlbImpact
iShMSCIGlblGoldMin
iShMSCIJapanEW
iShMSCIJapanVal
iShMSCINewZealand
iShMSCITurkeyETF
iShMSCIUAE
iShNasdaqBiotech
iShPfd&Incm
iShPHLXSemicond
iShRuss1000PureUS
iShS&P EM Infra
iShS&PSC600Growth
iShSelectDividend
iShShortCpBd
Iteris
IterumTherap
Itron
IturanLocation
IZEA
J&JSnackFoods
j2Global
JackintheBox
JaguarHealth
JAKKS Pacific
JamesRiver
JanusS/MC GrwAlph
JanusSCGrwAlpha
JazzPharma
JBHunt
JerashHldgs
JetBlue
Jewett-Cameron
JMP Nts2027
JMPGroup6.875%SrNt
JMU
JohnsonOutdoors
Joint
ProvidentFin
PrudentialBncp
Psychemedics
PTC
PTC Therap
PulseBiosciences
PumaBiotech
PureCycle
QAD A
QAD B
QCR Holdings
QIWI
Qualstar
Qualys
Quanterix
Quantum
QuestResource
QuickLogic
QuinStreet
Qumu
Quotient
QurateRetailA
QurateRetailB
R1RCM
RadaElectronic
Radcom
RadiusHealth
RadNet
Radware
Rambus
RandCapital
RandolphBancorp
Rapid7
RaptTherap
RattlerMidstrm
RavenIndustries
RBB Bancorp
RBC Bearings
RCI Hospitality
RCM Tech
Reading A
Reading B
RealNetworks
RealPage
RealReal
ReconTech
Redfin
RedHillBio
RedRiverBcshs
RedRobin
RedRockResorts
Reebonz
Reed's
RegencyCtrs
REGENXBIO
RegulusTherap
ReliantBancorp
Remark
Renasant
Rent-A-Center
Replimune
RepublicBcpKYA
RepublicFirstBncp
ResourcesConnect
resTORbio
RetailOppor
ReToEcoSol
Retrophin
RevolutionMed
ReWalkRobotics
RexahnPharm
ReynoldsCnsmr
RF Industries
RGC Resources
RhinebeckBncp
RhythmPharm
RibbonComms
RiceBranTech
RichardsonElec
RichmondMutBncp
RigelPharm
RigNet
RiminiStreet
RiotBlockchain
RISE Education
RiverviewFinl
RMR Group
RocketPharm
RockwellMedical
RockyBrands
RockyMtnChoc
RosehillRscs
RossStores
RoyalGold
RubiusTherap
RumbleON
RushEnt A
RushEnt B

WEEK'S NEW HIGHS AND LOWS

AltusMidstream
AMAG Pharm
AmalgamBank
Amazon.com
Ambarella
AMC Networks
AMCIAcqnWt
AMCIAcquisition
Amdocs
AmerAirlines
AmerantBancorpA
AmerantBancorpB
AmerCarMart
Amerco
AmerFinPfdA
AmerFirstMultifam
AmericanFin
AmericanNatlIns
AmericanWoodmark
AmeriHoldings
Amerisafe
AmerisBancorp
AmeriServFin
AmerSoftware
AmerSupercond
AmerSvcFncl pf
AmesNational
AmicusTherap
AmkorTech
AmphastarPharm
AmplifyOnlineRet
AmplitudeHlthA
AmplitudeHlthcr
AmplitudeHlthWt
AmRvrBksh
AmtechSystems
Amyris
AnalogDevices
AnavexLifeSci
AnchianoTherap
Andersons
AndinaAcqnIII
AndinaAcqnIIIRt
AndinaAcqnIIIWt
ANGI Homesvcs
AngioDynamics
ANI Pham
AnikaTherap
AnixaBiosci
AnPacBioMed
AntaresPharma
Anterix
ApellisPharm
ApexGlblBrands
ApexTechAcqn
ApexTechAcqn
ApexTechAcqnWt
ApogeeEnt
ApolloEnd
ApolloInv
ApolloMedical
Appian
AppliedDNA
AppliedGenetic
AppliedOptoelec
ApplMaterials
Aptinyx
ApyxMedical
AquaMetals
AquestiveTherap
Aravive
ARCAbiopharma
ArcBest
ArchCapital
ArchCapitalPfdE
ArchCapitalPfdF
Arcimoto
ArcutisBiotherap
ArenaPharm
AresCapital
arGEN-X
AridisPharm
ARKRestaurants
ArrowCntryRotat
ArrowFinancial
ArrowInvDWATact
ArteloBiosci
ArteloBioWt
ArtesianRscs A
ArtWayMfg
AsiaPacificWire
AspenTech
AssertioTherap
AstecIndustries
Astronics
AstroNova
Astrotech
AsureSoftware
ATA Creativity
AtaraBiotherap
Athenex
AtlanticaYield
AtlasFinancial
AtlasTech
AtlCapitalBcshs
ATN Intl
Atrion
aTyrPharma
AuburnNatlBncp
AudioCodes
AurisMedical
AuroraMobile
FifthThirdPfdK
FinInstitutions
Finjan
FinServAcqn
FinServAcqnUn
FinTechAcqnIII
FinTechIIIWt
FireEye
FirstBancorp
FirstBancorpNC
FirstBancshares
FirstBank
FirstBusey
FirstBusFinSvcs
FirstCash
FirstChoiceBncp
FirstCitizBcshA
FirstCitizensPfdA
FirstComSC
FirstDefiance
FirstFinBncpOH
FirstFinIN
FirstFinNW
FirstFoundation
FirsthandTechVal
FirstHawaiian
FirstInternetBncp
FirstInternetNt29
FirstInternetNts
FirstLongIsland
FirstMerchants
FirstMidBcshs
FirstMidwestBncp
FirstNWBncp
FirstSavingsFin
FirstSeacoastBncp
FirstService
FirstSolar
FirstUnited
FirstUS Bcshs
FirstWesternFin
Fiserv
FiveBelow
FivePrimeTherap
FiveStarSrLiving
Flex
FlexionTherap
FlexShCredScoreUS
FlexShDiscDurMBS
FlexShRealAsset
Flexsteel
FlirSystems
Fluent
Fluidigm
FlushingFin
FNCB Bancorp
FocusFinPtrs
Fonar
ForescoutTechs
ForesightAuto
FormulaSys
ForresterResearch
Forterra
FortressBioPfdA
FortressBiotech
ForumMergerIIWt
ForwardAir
Fossil
FosterLB
FoxA
FoxB
FoxFactory
Francesca's
Franchise
FranklinElec
FranklinFinlSvc
FreightCarAmer
frontdoor
FrontierComm
FRP Holdings
FS Bancorp
FSB Bancorp
FSDPharma
FstCmntyBcsh
FT AltAbsRet
FT APxJapan
FT BICK
FT BrazilAlpha
FT CA MuniHi
FT CanadaAlpha
FT CapStrength
FT CEFIncmOpp
FT ChinaAlphaDEX
FT CloudComp
FT DevIntlEquity
FT DevMkts
FT DevMktsXUS
FT DJ IntlInt
FT DorseyFoc5
FT DorseyIntl5
FT DorseyWright
FT DW Mom
FT DW Mom&Low
FT DW Momentum
FT EM Alphadex
FT EM EquitySel
FT EM LocalCurr
FT EM SC Alpha
FT EnhShtMat
FT EuropeAlpha
FT GerAlpha
FT GlblAgri
Joyy
KaiserAlum
KaixinAuto
KalVistaPharm
Kamada
KandiTech
KBLMergerIV Wt
KBLMergerIVRt
KBS Fashion
KCAPFinNts22
KearnyFinancial
KellyServices A
KellyServices B
KemPharm
KewauneeSci
KeyTronic
KezarLifeSci
Kforce
KimballIntl B
KindredBiosci
KingoldJewelry
Kirkland's
KitovPharma
KitovPharmaWt
KLX Energy
Kopin
KornitDigital
Koss
KraftHeinz
KratosDefense
Kulicke&Soffa
KuraOncology
KuraSushiUSA
KVH Inds
KY FirstFedBncp
LakelandBcp
LakeShoreBancorp
LamarAdv
LandcadiaII
LandcadiaIIWt
Landec
LandmarkBncp
LandmarkInfrPfdA
LandmarkInfrPfdB
LandmarkInfrPtrs
LandmarkPfd
Lands'End
Lantheus
Lantronix
LaureateEduc
LawsonProducts
Lazydays
LCNB
LeggMasonGlbInfr
LeggMasonLVHD
LeggMasonSCQualVal
LeisureAcqn
LeisureAcqnWt
LeMaitreVascular
LendingTree
LevelOneBncp
LexinFintech
LFCapAcqnWt
LGI Homes
LianluoSmart
LibertyBraves A
LibertyBraves C
LibertyBroadbandA
LibertyBroadbandC
LibertyFormOne A
LibertyFormOne C
LibertyLatAmA
LibertyLatAmC
LibertySirius A
LibertySirius B
LibertySirius C
LibertyTripAdvA
LibertyTripAdvB
LifeSciAcqnUn
LifetimeBrands
Lifevantage
LifewayFoods
LigandPharm
Lightbridge
LimestoneBncp
LiminalBioSci
LindbladExped
Lipocine
LiquiditySvcs
Littelfuse
LivaNova
LIVCapAcqn
LIVCapAcqnUn
LiveOakBcshs
LivePerson
LiveVentures
LiveXLiveMedia
Lizhi
LKQ
LM Funding
LMP Auto
LogitechIntl
LoncarCancerETF
LoncarChinaBio
LonestarRscs
LongTermCareETF
LoopIndustries
LoralSpace
Lovesac
LPL Financial
lululemon
LumosPharma
RuthsHospitality
Ryanair
S&T Bancorp
S&W Seed
SabraHealthcare
Sabre
SAExploration
Safe-T
SafetyInsurance
SageTherap
SalariusPharm
SalemMedia
SalisburyBancorp
SandersonFarms
SandySpringBncp
SangamoTherap
Sanmina
Sanofi
SapiensInt
SB Financial
SBOneBancorp
ScanSource
SchnitzerSteel
Scholastic
ScientificGames
SciPlay
ScrippsEW
SCWorx
SCYNEXIS
SeacoastBkgFL
Seagate
SeanergyMarBWt
SeanergyMaritime
SeaSpine
SecondSightMed
SecondSightWt
SecooHolding
SecureWorks
SecurityNatFin
SeelosTherap
SEI Investments
SelectBancorp
SelectInterior
SelectiveIns
SellasLifeSci
SemiLEDS
Semtech
SenecaBiopharma
SenesTech
SenmiaoTech
SensusHealthcare
SequentialBrands
ServiceProperties
ServiceSource
ServisFirstBcshs
SesenBio
SevernBancorp
SG Blocks
SGOCO Group
SharpSpring
ShilohIndustries
Shineco
ShockwaveMed
ShoeCarnival
ShoreBancshares
SI-BONE
Sientra
SierraBancorp
SierraOncology
SierraWireless
SifyTech
SIGA Tech
SigmaLabs
Sigmatron
SignatureBank
SilganHoldings
Silicom
SiliconLab
SiliconMotion
SilkRoadMed
SilvercrestAsset
SilverSpikeAcqn
SilverSpikeUn
SilverSunTechs
SimmonsFirstNat
SimplyGoodFoods
Sina
SinclairBroadcast
SinoGlobalShip
SiNtxTech
SiriusIntlIns
SiriusXM
SkyWest
SleepNumber
SLM
SLM Pfd B
SMART Global
SmartFinancial
SmartSand
SmileDirectClub
SMTC
SocketMobile
SoFiGigEcon
SoftwareAcqn
SoftwareAcqn
Sohu.com
SolarCapital
SolarSeniorCap
SolGelTech
Sonos
SoNtlBcpVA
SORL AutoParts

WEEK'S NEW HIGHS AND LOWS

Autodesk
AutolusTherap
AutoWeb
AveoPharma
AviatNetworks
AvidBioservices
AvidBiosvcsPfdE
AvidTechnology
Avinger
AvisBudget
Avnet
AVROBIO
Aware
AxcelisTechs
AxcellaHealth
Axogen
AxonicsModul
AxovantGene
AXT
B RileyFin
B.Riley7.25%Nts
B.RileyNts2023
B.RileyNts2023
B.RileyNts2024
B.RileyNts2025
B.RileyNts2027
Baidu
BancFirst
BancFst pf
Bancorp34
Bank7
BankFinancial
BankFirst
BankJamesFinl
BankofCommerce
BankofMarinBncp
BankofPrinceton
BankofSC
BankOZK
BankwellFin
Banner
Baozun
BarrettBus
BassettFurniture
BayCom
BBQ Holdings
BCB Bancorp
BCommunications
BeaconRoof
BeamTherap
BeasleyBroadcast
BedBath
BelFuse A
BelFuse B
BellerophonTherap
BellicumPharm
Benefitfocus
BenefyttTech
BenitecBiopharm
Berry(bry)
Betterware
BGC Partners
Big5SportingGds
BigRockPtrsRt
BigRockPtrsWt
BIO-key
Bio-Path
Bio-Techne
BioCardia
Biocept
BioDeliverySci
Biofrontera
BioHiTech
Biolase
BioLineRX
Biomerica
BionanoGenom
BionanoGenomWt
BiondVaxPharmWt
BiosigTech
BioSpecificsTech
BioTelemetry
BJsRestaurants
Blackbaud
BlackDiamond
BlackLine
BlackRockCapInvt
BlinkCharging
BlkRkTCPCap
BloominBrands
Blucora
BlueBird
bluebirdbio
BlueHatInt
BlueknightEner
BlueknightEnPtrsA
BlueprintMed
BMC Stock
BogotaFinl
BoingoWireless
BOK Fin
BOKFinNts2056
BookingHldgs
BorqsTechs
BOS BetterOnln
BostonOmaha
BostonPrivFin
Bottomline
Boxlight
BPP 5.75%Pfd3A
Brainsway
BrickellBiotech
FT GlbNatRscs
FT GlTactCommod
FT HK AlphaDEX
FT IPOXEurEq
FT JapanAlpha
FT LatAmAlpha
FT LC CoreAlpha
FT LC GrwthAlpha
FT LC US Equity
FT LC Value
FT LowDurOpp
FT MC CoreAlpha
FT MC GrwthAlpha
FT MC US Equity
FT MC ValAlpha
FT MCGrAlpDX
FT MegaCap
FT MgdMuni
FT MuCValAlpha
FT MultAsstDiv
FT Nasd100 EW
FT Nasd100xTech
FT NasdaqTrans
FT NasdArtlIntel
FT NasdCleanEdge
FT NasdClEdSmGr
FT NasdComBk
FT NasdCybersec
FT NasdFood&Bev
FT NasdGlblAuto
FT NasdOil&Gas
FT NasdPharm
FT NasdRetail
FT NasdSemicon
FT NasdTechDiv
FT RBA AmerInd
FT RiverFrDynAP
FT RiverFrDynDev
FT RiverFrDynEM
FT RiverFrDynEur
FT S&PIntDivArist
FT SC CoreAlpha
FT SC GrwthAlpha
FT SC US Equity
FT SC Value
FT SKoreaAlpha
FT SMID CapRising
FT SrLoanFd
FT SSI Strat
FT StratIncm
FT SwitzAlpha
FT TacticalHY
FT TCW Opp
FT TotalUSMkt
FT UK Alpha
FT USEquityDiv
FTDorseyDALI1
FTEurozoneAlpha
FTHdgBuyWriteIncm
FTIndiaNifty50EW
FTIndxxNextG
FTIntlEquOpps
FTMuniCEFIncmOpp
FTMuniHiIncm
FTNasdaqBk
FuelTech
FulingGlobal
FullHouse
FultonFin
Funko
Futu
FuweiFilms
FVCBankcorp
G1Therapeutics
Gaia
GalectinTherap
GaleraTherap
GalmedPharm
GamidaCell
Gaming&Leisure
Garmin
GarrisonCapital
GCI Liberty PfdA
GCI LibertyA
Genasys
GencorIndustries
GeneralFin
GeneralFin9%PfdC
GeneralFinSrNt21
GeneticTechs
Genfit
Genmab
GenoceaBiosci
Gentherm
GeospaceTech
Geron
GibraltarInds
GigaMedia
GIIIApparel
GilatSatellite
GladstoneCap
GladstoneComm
GladstoneInvPfdE
GladstoneInvt
GladstoneLand
GladstoneLandPfd
GladstoneNts2023
GladstoneNts2024
GladstonePfdD
GladstonePfdD
GladstonePfdE
GlbBloodTherap
LuokungTech
LutherBurbank
Lyft
Macatawa
MackinacFin
Macrogenics
MadrigalPharm
MagalSec
MagellanHealth
MagentaTherap
MagicSoftware
MaidenHoldings
MainStreetBcshs
Majesco
MakeMyTrip
MalibuBoats
MalvernBancorp
ManhattanAssoc
ManhattanBridge
Mannatech
MannKind
MarathonPatent
Marchex
MarinePetrol
MarinSoftware
MarlinBusSvcs
Marriott
MarroneBioInnova
MartenTransport
MartinMidstream
MarvellTech
MasterCraftBoat
MatchGroup
Materialise
MatrixService
Mattel
MatthewsIntl
MaximIntProducts
McGrathRent
MDC Partners
MDJM
MedallionBkPfdF
MedallionFin
MedallionFinNts
Medigus
MediWound
MEI Pharma
MeiraGTx
MelcoResorts
MellanoxTech
MenloTherap
MercadoLibre
MerchantsBancorp
MerchantsBncpPfdA
MerchantsBncpPfdB
MercurySystems
MereoBioPharma
MeridaMergerIWt
Meridian
MeridianBancorp
Merlyn.AITactGrw
MerrimackPharm
Merus
MesaAir
Mesoblast
MetaFinancial
Methanex
MGP Ingredients
Michaels
MicrobotMed
MicrochipTech
MicronTech
MicroStrategy
MicroVision
MidatechPharma
MidConEnergy
Middleby
MiddlefieldBanc
MiddlesexWater
MidlandStBncp
MidPennBancorp
MidSouthBncp
MidWestOneFin
MilestonePharm
MillerHerman
MillicomIntl
Mimecast
Mind CTI
MiragenTherap
Misonix
MitchamIndsPfdA
MitchamIndustries
MitekSystems
MKS Instrum
MMA Capital
MMTec
MobileIron
MobileMini
Mogo
MohawkGroup
MoleculinBiotech
Momo
MonakerGroup
MonarchCasino
Mondelez
MoneyGram
MongoDB
MonocleAcquisition
MonoparTherap
Monro
MonroeCapital
MonroeCapNts23
SotherlyHotels
SotherlyHotelsPfB
SotherlyHotelsPfC
SotherlyHtlsPfd
SoundFinBancorp
SouthernFirstBcsh
SouthMountainUn
SouthMtnA
SouthPlainsFin
SouthsideBcshs
SoYoungIntl
SP Plus
SPAR Group
SparkEnergy
SparkEnergyPfdA
SPDRDorseyWrightFx
SpectrumPharm
SperoTherap
SPI Energy
SpiritofTexas
Splunk
SpokHoldings
SpringBkPharm
SprottFocus
SproutSocial
SPS Commerce
SS&C Tech
SSR Mining
StableRoadAcqn
StableRoadUn
Starbucks
StarBulkCarriers
StarBulkNts22
StarsGroup
StateAutoFin
StdAVBFin
StealthBioTher
StealthGas
SteelConnect
SteelDynamics
SteinMart
StemlineTherap
SterlingBancorp
SterlingCnstr
StevenMadden
StitchFix
StockYardsBncp
StoneCastleFin
StoneCo
StrataSkinSci
StrategicEd
Strattec
StratusProp
StreamlineHlth
SummitFin
SummitStateBk
SummitWireless
SundanceEnergy
SundialGrowers
SunPower
SunRun
Sunworks
SuperCom
SupercondctrTech
SuperiorGroup
SuperLeagueGam
SuperMicroComp
SupernusPharms
support.com
SurgeryPartners
Surmodics
SutroBioph
SutterRockCap
SVB Fin
SVB Fin PfdA
SVMK
SWK Holdings
SykesEnterprises
Synacor
Synalloy
Synchronoss
SyneosHealth
Synlogic
Synopsys
SyprisSolutions
SyrosPharm
T-MobileUS
T2Biosystems
TabulaRasaHlth
TactileSystems
TaiwanLiposome
Talend
TandemDiabetes
TandyLeather
Taoping
TargetHosp
TargetHospWt
TaronisTech
TatTechnologies
TaylorDevices
TCF Fin PfdC
TCF Financial
TCG BDC
TCR2 Therap
TD Ameritrade
TechnicalComms
Tecnoglass
Tecogen
TectonicFinPfdB
TelaBio
Teligent
Tellurian

CONFERENCE CALL CALENDAR

Earnings - Related

Company	Date	Time	Earnings-Related Period
IHS Markit	March 24	8:00AM	Q1
Micron Technology	March 25	4:30PM	Q2
Paychex	March 25	9:30AM	Q3

Source: CCBN, www.ccbn.com

Market Laboratory

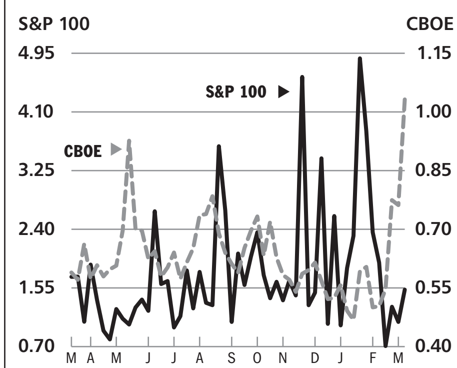
MONEY RATES

	Latest Week	Prev. Week	Yr Ago
Discount Rate (NY)	0.25	1.75	3.00
Prime Rate (base)	3.25	4.25	5.50
Fed Funds Rate			
Avg effective offer	0.28	1.12	2.43
Avg weekly auction-c	1.09	1.29	2.40
T-Bills Rate			
13 weeks, Coupon Yield	0.294	0.396	2.465
13 weeks, Auction Rate	0.290	0.390	2.410
26 weeks, Coupon Yield	0.305	0.406	2.522
26 weeks, Auction Rate	0.300	0.400	2.450
Avg weekly auction-c	0.35	0.76	2.40
Broker Call Rate	2.00	3.00	4.25
Bankers Acceptances			
1 month	1.50	1.13	2.48
2 months	1.51	1.13	2.53
3 months	1.51	1.23	2.63
6 months	1.52	1.30	2.73
Euro Libor Rate			
1 month	-0.476	-0.527	-0.416
3 months	-0.353	-0.427	-0.336
6 months	-0.290	-0.380	-0.297
12 months	-0.211	-0.298	-0.181
Libor Interbank Rate			
1 month	0.93	0.80	2.50
3 months	1.20	0.84	2.61
6 months	0.99	0.82	2.68
12 months	0.93	0.82	2.79
Foreign Prime Rates			
Canada	2.95	3.45	3.95
Germany	0.00	0.00	0.00
Japan	1.475	1.475	1.475
Switzerland	0.50	0.50	0.50
Britain	0.75	0.75	0.75
Other Money Rates			
Fannie Mae Home Loan:			
30-Year Fixed Conv	3.01	2.99	3.62
Bank money market-z	0.18	0.20	0.23
Interest Checking-z	0.07	0.07	0.08
6-Month Certif-z	0.37	0.41	0.59
12-Month Certif-z	0.57	0.67	0.97
30 Month Accounts-z	0.55	0.71	1.12
5-Year Certificates-z	0.85	0.96	1.48
U.S. Savings EE Bonds:			
Long-Term (5yrs+)	0.10	0.10	0.10

c-Annualized yields, adjusted for constant maturity, reported by the Federal Reserve on a weekly average basis.
Sources: Tullett Prebon information, Ltd. Factset. z-Bankrate.com.

CBOE PUT/CALL RATIO vs S&P 100

Readings in the CBOE equity put-call ratio of 60:100 and in the S&P 100 of 125:100 are considered bullish, for instance. Bearish signals flash when the equity put-call level reaches the vicinity of 30:100 and the index ratio hits 75:100.



Source: CBOE

INVESTOR SENTIMENT READINGS

High bullish readings in the Consensus stock index or in the Market Vane stock index usually are signs of Market tops; low ones, market bottoms.

	Last Week	2 Weeks Ago	3 Weeks Ago
Consensus Index			
Consensus Bullish Sentiment	31%	47%	53%

Source: Consensus Inc., P.O. Box 520526,Independence, Mo. Historical data available at (816) 373-3700. editor@consensus-inc.com

	Last Week	2 Weeks Ago	3 Weeks Ago
AAII Index			
Bullish	34.4%	29.7%	38.7%
Bearish	51.1	51.3	39.6
Neutral	14.5	19.0	21.6

Source: American Association of Individual Investors, 625 N. Michigan Ave., Chicago, Ill. 60611 (312) 280-0170.

	Last Week	2 Weeks Ago	3 Weeks Ago
Market Vane			
Bullish Consensus	29%	33%	38%

Source: Market Vane, P.O. Box 90490, Pasadena, CA 91109 (626) 395-7436.

	Last Week	2 Weeks Ago	3 Weeks Ago
TIM Group Market Sentiment			
Indicator	47.9%	40.8%	49.0%

Source: TIM Group, 3 Columbus Circle, Suite 1592 New York, NY 10019 (844) 207-1445. timsupport@timgroup.com

FOREIGN EXCHANGE

Friday, March 20, 2020

The New York foreign exchange mid-range rates are quoted at 5 p.m. Eastern time by Tullett Prebon. Retail transactions provide fewer units of foreign currency per dollar.

Country	Foreign Currency in U.S.$ Fri.	Foreign Currency in U.S.$ Last Fri.	U.S. $ in Foreign Currency Fri.	U.S. $ in Foreign Currency Last Fri.
Argentina (Peso)-y	.0157	.0159	63.7998	62.9000
Australia (Dollar)	.5784	.6193	1.7289	1.6147
Bahrain (Dinar)	2.6476	2.6489	.3777	.3775
Brazil (Real)	.1975	.2058	5.0643	4.8595
Bulgaria (Lev)	.5456	.5657	1.8330	1.7678
Canada (Dollar)	.6966	.7243	1.4354	1.3807
Chile (Peso)	.001158	.001192	863.30	839.00
China (Renminbi)	.1409	.1427	7.0958	7.0082
Colombia (Peso)	.0002427	.0002486	4120.50	4023.01
Croatia (Kuna)	.1404356	.1465545	7.12	6.82
Czech. Rep. (Koruna)	…….	…….	…….	…….
Commercial rate	.03924	.04220	25.485	23.697
Denmark (Krone)	.1432	.1486	6.9830	6.7290
Ecuador US Dollar	1.0000	1.0000	1.0000	1.0000
Egypt (Pound)-y	.0635	.0637	15.7487	15.7007
Hong Kong (Dollar)	.1289	.1287	7.7569	7.7695
Hungary (Forint)	.003050	.003277	327.92	305.18
Iceland (Krona)	.007109	.007404	140.67	135.07
India (Rupee)	.01326	.01354	75.398	73.840
Indonesia (Rupiah)	.0000628	.0000677	15925	14770
Israel (Shekel)	.2772	.2728	3.6076	3.6662
Japan (Yen)	.009023	.009261	110.82	107.98
Kazakhstan (Tenge)	.002181	.002460	458.53	406.55
Kuwait (Dinar)	3.2199	3.2457	.3106	.3081
Macau (Pataca)	.1254	.1250	7.9742	7.9972
Malaysia (Ringgit)-b	.2276	.2337	4.3945	4.2785
Mexico (Peso)	…….	…….	…….	…….
Floating rate	.0409	.0456	24.4252	21.9168
New Zealand (Dollar)	.5709	.6068	1.7516	1.6480
Norway (Krone)	.0848	.0994	11.7859	10.0583
Oman (Rial)	2.5959	2.5982	.3852	.3849
Pakistan (Rupee)	.00631	.00636	158.600	157.150
Philippines (Peso)	.01952	.01958	51.230	51.070
Poland (Zloty)	.2359	.2538	4.2393	3.9402
Qatar (Rial)	.2746	.2754	3.6410	3.6312
Russia (Ruble)-a	.01250	.01377	79.978	72.623
Saudi Arabia (Riyal)	.2661	.2664	3.7580	3.7532
Singapore (Dollar)	.6902	.7070	1.4489	1.4145
South Africa (Rand)	.0569	.0614	17.5891	16.2771
South Korea (Won)	.0007968	.0008252	1254.95	1211.78
Sri Lanka (Rupee)	.0054	.0054	186.6800	184.4000
Sweden (Krona)	.0963	.1030	10.3858	9.7050
Switzerland (Franc)	1.0146	1.0521	.9856	.9505
Taiwan (Dollar)	.03303	.03317	30.280	30.144
Thailand (Baht)	.03059	.03138	32.690	31.870
Turkey (New Lira)-d	.1526	.1579	6.5525	6.3337
Ukraine (Hryvnia)	.0359	.0383	27.8252	26.1356
U.K. (Pound)	1.1639	1.2284	.8592	.8141
Uruguay (Peso)	…….	…….	…….	…….
Financial	.02180	.02304	45.870	43.410
Euro	1.0697	1.1104	.9349	.9006

Special Drawing Rights (SDR) are based on exchange rates for the U.S., British, and Japanese currencies. Source: International Monetary Fund. a-Russian Central Bank rate. b-government rate. d-rebased as of Jan. 1, 2005. y-floating rate.

ARMS INDEX

The Arms index, also known as the short term trading index, is a number derived by dividing one quotient into another quotient. The numerator in the index is the number of advancing stocks divided by the number of declining stocks. As of 3/14/11, the denominator in the index is now the composite volume of advancing stocks divided by the composite volume of declining stocks.

Daily	3/16	3/17	3/18	3/19	3/20
NYSE	.57	.79	.90	1.21	1.27
NYSE American	.78	.97	.32	.55	1.35
Nasdaq	.48	.84	.55	1.17	.96

BARRON'S GOLD MINING INDEX

12-Month High	12-Month Low		3/19	3/12	Year Ago	Week % Chg.
614.99	391.56	**Gold mining**	391.56	429.03	450.00	–8.73

FEDERAL RESERVE DATA BANK

Member Bank Reserve Chgs. (Mil. $)	Latest Week	Prev. Week Change	Year Ago Change
One week ended Mar 18:			
U.S. Gov't securities:			
Bought outright	3,929,025	+ 38,893	+ 147,655
Federal agency secur:			
Bought outright	2,347	....	-62
Reserve bank credit:			
Primary Credit	6,687	+ 6,679	+ 6,686
Secondary Credit	....	....	....
Seasonal Credit	....	....	-9
Float	-230	-36	-58
Other F.R. Assets	23,059	+ 1,841	-658
Total Fed Credit #	4,463,041	+ 241,451	+ 534,834
Gold stock	11,041	....	....
SDR Certif. Accounts	5,200	....	....
Treas. Curr. Outst.	50,225	+ 14	+ 377
Total	4,550,208	+ 240,979	+ 535,211
Currency in circ	1,827,149	+ 13,078	+ 106,546
Treas. Cash Hldgs	317	+ 10	-18
Treas. Fed Deposits	362,576	-17,980	+ 58,953
Foreign Fed Deposits	6,359	+ 1,004	+ 1,115
Other Fed Deposits	171,306	+ 81,089	+ 106,481
Other FR liab/cap	44,857	-1,279	+ 174
Total factors	2,654,620	+ 89,916	+ 269,354
Reserves F.R. banks	1,895,588	+ 151,063	+ 265,857
Fgn hold U.S. debt	**3,410,689**	**-29,305**	**-68,695**

Reserve Aggr (Mil. $ sa) Two Wks Ended Mar 11:	Latest Wk.	Prev. Week	Wk. % Chg.	Year Ago
Total Reserves:	1,788,394	1,709,136	4.64	1,776,276
Nonborrowed Res #	1,788,384	1,709,134	4.64	1,776,265
Required Res ##	212,269	211,982	0.14	193,591
Excess Reserves:	1,576,125	1,497,154	5.27	1,582,685
Borrowed Reserves	10	2	400.00	12
Free Reserves ###	1,576,115	1,497,152	5.27	1,582,673
Monetary Base	3,530,486	3,438,834	2.67	3,430,136

Fed supply of permanent reserves provided.
Demand for reserves to back deposits.
Free reserves equal excess reserves minus discount window borrowings other than extended credit. Free reserves are shorthand method of determining the degree of ease of Fed policy, or when they are negative net borrowed reserves, tightness.

GOLD & SILVER PRICES

Handy & Harman	3/20	3/13	Year Ago
Gold, troy ounce	1494.40	1562.80	1311.30
Silver, troy ounce	12.54	14.78	15.42

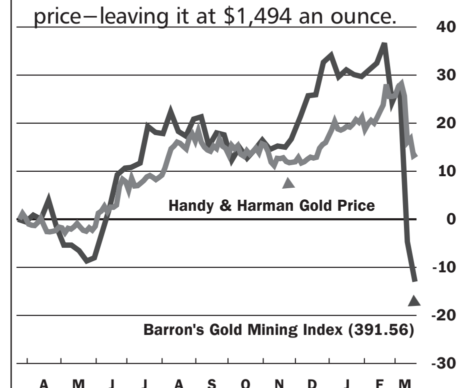
Base for pricing gold and silver contents of shipments and for making refining settlement.

Coins	Price	Premium $	Premium %
Krugerrand	1540.03	59.23	4.00
Maple Leaf	1554.84	74.04	5.00
Mexican Peso	1793.40	8.00	0.45
Austria Crown	1454.48	3.00	0.21
Austria Phil	1554.84	74.04	5.00
U.S. Eagles	1554.84	74.04	5.00

Premium is the amount over the value of the gold content in the coin. Source Manfra, Tordella & Brookes, Inc.
Bullion spot gold price **1480.80**

GOLD PERFORMANCE

Dulled Shine: Expectations of recession, without inflation, took 4.4% off gold's price—leaving it at $1,494 an ounce.



WEEKLY BOND STATISTICS

	Last Week	Prev. Week	Yr Ago Week
New Offerings, (mil $) (v)			
Corporate (z)	37,317	r22,837	18,475
Municipal (z)	950	r6,277	3,691
Best Grade Bonds-y (Barron's index of 10 high-grade corporate bonds.)	4.01	2.87	3.61
Interm-Grade Bonds-y (Barron's index of 10 medium-grade corporate bonds.)	5.37	3.90	4.40
Confidence Index (High-grade index divided by intermediate-grade index; decline in latter vs. former generally indicates rising confidence, pointing to higher stocks.)	74.5	73.5	82.0
Other Confidence Indicators:			
Bloomberg Barclays US Long Treasury*(This index measures the performance of fixed-rate, nominal US Treasuries with at least 10 years to maturity. Jan. 1, 1973=100.)	4625.06	4652.88	3590.39
Bloomberg Barclays US Credit (This index includes all publicly issued, fixed-rate, non-convertible, investment-grade, dollar-denominated, SEC-registered corporate debt. All issues have at least one year to maturity and outstanding par value of at least $250 million. Jan. 1, 1973=0.) (v)	2801.69	3069.56	2808.87
Ryan Labs Treasury Index (Index of total return from active Treasury notes and bonds. Dec. 31, 1996=100.)	321.65	329.79	278.57

	Last Week	Prev. Week	Yr Ago Week
Bond Buyer 20 Bond Index (Index of yields of 20 general obligation municipal bonds.)	2.72	2.57	3.92
Bond Buyer Municipal Bond Index (Index of 40 actively-traded tax-exempt bonds; component issues are changed regularly to keep the index a current picture of the market. Source: The Bond Buyer	4.07	3.70	3.92
Stock/Bond Yield Gap-s (Difference between yield on highest-grade corporate bonds and yield on stocks on the DJIA.)	–.61	–.06	–1.33
Yield on DJ Equal Weight US Corp Bond Idx:			
Corp Bonds, (y)	4.49	3.00	3.87

v-Week ended Thursday. y-Yield to maturity, week ended Thursday. z-Source: Refinitiv. *Barclays T-Bond Index discontinued by firm.

MONEY SUPPLY

Money Supply (Bil. $)	Latest	Prev.	Yr. Ago	YOY % Chg
Week ended March 9				
M1 (seas. adjusted)	4,084.3	r4,046.4	3,729.4	9.52
M1 (not adjusted)	3,962.5	r4,100.2	3,613.6	9.66
M2 (seas. adjusted)	15,691.2	r15,623.2	14,500.0	8.22
M2 (not adjusted)	15,761.4	r15,614.6	14,583.5	8.08
Week ended March 11				
M1 Mult. Replacement (St. Louis Fed)	1.122	1.161	1.054	6.45
Monthly Money Supply				
Month ended February				
M1 (seas. adjusted)	r4,019.4	3,982.2	3,760.3	6.89
M2 (seas. adjusted)	r15,535.7	15,438.8	14,478.8	7.30

Market Laboratory

Top 5 Insider Purchases by Company in 2020

Company	Symbol	Number of Insiders	Number of Shares	$ Value	Avg. Price
York Water	YORW	16	813	35,786	$ 44.02
Bunge	BG	11	227,930	9,983,125	$ 43.80
Destination XI	DXLG	10	586,216	681,922	$ 1.16
Enterprise Products Partners	EPD	9	1,003,773	21,922,596	$ 21.84
German American Bancorp	GABC	8	292	10,267	$ 35.16

Top 5 Insider Sales by Company in 2020

Company	Symbol	Number of Insiders	Number of Shares	$ Value	Avg. Price
Zoom Video Communications	ZM	19	1,102,258	101,233,602	$ 91.84
Tradeweb Markets	TW	17	2,194,890	102,282,596	$ 46.60
Vertex Pharmaceuticals	VRTX	17	248,649	58,240,069	$ 234.23
Salesforce.Com	CRM	16	431,650	77,633,900	$ 179.85
Datadog	DDOG	13	1,870,800	79,593,739	$ 42.55

STOCK SPLITS/DIVIDENDS

Company Name-Ticker Symbol (Exchange)	Amount	Record Date	Ex-Dividend Date	Payment Date
Direxion Natl Gas Bear 3x-GASX (NYSE ARCA)	10-for-1	3-24	3-27	3-26
Direxion S&P Oil & Gas Br-DRIP (NYSE ARCA)	12-for-1	3-24	3-27	3-26

SPECIAL DIVIDENDS

Company Name-Ticker Symbol (Exchange)	Amount	Record Date	Ex-Dividend Date	Payment Date
Blue Cap Reinsurance-BCRH (NYSE)	6.00	3-19	3-18	3-30
China Distance Educ ADR-DL (NYSE)	0.56	3-31	3-30	4-24
Momo ADR-MOMO (Nasdaq)	0.76	4-08	4-07	4-30
ZTO Express (Cayman) ADR-ZTO (NYSE)	0.29	4-08	4-07	4-20

DIVIDEND PAYMENT REDUCTIONS

Company Name-Ticker Symbol (Exchange)	Adjusted Yield	Period	To	From	% Decrease	Record Date	Ex-Div Date	Payment Date
Designer Brands-DBI (NYSE)	18.1	Q	.10	.25	-60.0 %	3-30	3-27	4-10
Macerich-MAC (NYSE)	27.1	Q	.50	.75	-33.3 %	4-22	4-21	6-03
Pebblebrook Hotel Trust-PEB (NYSE)	0.5	Q	.01	.38	-97.4 %	3-31	3-30	4-15
RLJ Lodging Trust-RLJ (NYSE)	28.3	Q	.01	.33	-97.0 %	3-31	3-30	4-15
TFI International-TFII (NYSE)	4.0	Q	.1855	.199277	-6.9 %	3-31	3-30	4-15

DIVIDEND PAYMENT BOOSTS

Company Name-Ticker Symbol (Exchange)	Adjusted Yield	Period	To	From	% Increase	Record Date	Ex-Div Date	Payment Date
American Tower REIT-AMT (NYSE)	2.0	Q	1.08	1.01	6.9 %	4-14	4-13	4-29
Applied Materials-AMAT (Nasdaq)	2.3	Q	.22	.21	4.8	5-21	5-20	6-11
Benchmark Electronics-BHE (NYSE)	3.7	Q	.16	.15	6.7	3-31	3-30	4-14
Colgate-Palmolive-CL (NYSE)	2.8	Q	.44	.43	2.3	4-20	4-17	5-15
Cousins Properties-CUZ (NYSE)	5.1	Q	.30	.29	3.4	4-03	4-02	4-15
Equity Residential-EQR (NYSE)	4.4	Q	.6025	.5675	6.2	3-23	3-20	4-13
Headhunter Group ADR-HHR (Nasdaq)	5.0	A	.50	.36	38.9	3-27	3-26	4-20
Hurco Cos-HURC (Nasdaq)	2.2	Q	.13	.12	8.3	3-30	3-27	4-13
Independence Holding-IHC (NYSE)	1.6	S	.22	.20	10.0	6-15	6-12	6-29
MGM Growth Properties-MGP (NYSE)	11.7	Q	.475	.47	1.1	3-31	3-30	4-15
Permianville Royalty Tr-PVL (NYSE)	31.9	M	.041	.0245	67.3	3-31	3-30	4-14
Realty Income-O (NYSE)	5.9	M	.233	.2325	0.2	4-01	3-31	4-15
W. P. Carey Inc.-WPC (NYSE)	8.4	Q	1.04	1.038	0.2	3-31	3-30	4-15

HIGH-YIELD BONDS

Friday, March 20, 2020
Ten most active fixed-coupon high-yield, or "junk", corporate bonds

COMPANY (TICKER)	COUPON	MATURITY	LAST PRICE	LAST YIELD	**EST SPREAD	UST	EST VOL (000's)
Altice France Sa (SFRFP)	7.375	May 01, 2026	87.500	10.172	968	5	371,925
Transdigm (TDG)	6.250	Mar 15, 2026	88.250	8.822	n.a.	5	328,569
Uber Technologies (UBER)	8.000	Nov 01, 2026	88.500	10.451	994	5	261,629
Csc Holdings LLC (CSCHLD)	10.875	Oct 15, 2025	101.750	10.273	976	5	243,166
Dish Dbs (DISH)	7.750	Jul 01, 2026	89.000	10.160	966	5	236,508
T-Mobile Usa (TMUS)	6.375	Mar 01, 2025	96.450	7.241	672	5	226,023
Pacific Gas And Electric Co (PCG)	6.050	Mar 01, 2034	91.500	7.015	610	10	221,215
Tesla (TSLA)	5.300	Aug 15, 2025	83.025	9.381	887	5	209,728
Hca (HCA)	5.375	Feb 01, 2025	94.500	6.720	622	5	208,104
Hca (HCA)	3.500	Sep 01, 2030	83.000	5.681	479	10	201,273

Volume represents total volume for the market; price/yield data are for trades of $100,000 and greater.* Denotes a security whose last round lot trade did not take place on the last business day prior to publication. ** Estimated spreads, in basis points (100 basis points is one percentage point), over the 2, 5, 10 or 30-year hot run Treasury note/bond. 2-year: 1.125 02/22; 5-year: 1.125 02/25; 10-year: 1.500 02/30; 30-year: 2.375 11/49.†Comparable U.S. Treasury issue.

Source: MarketAxess Corporate BondTicker - www.bondticker.com

WEEK'S DIVIDEND PAYMENT

This list includes payouts on common stocks.

NYSE

Monday (March 23)
AMC Entertainment .03
BlackRock 3.63
Chemed .32
Juniper Networks .20
Miller Industries .18
Royal Dutch Shell ADR A .94
Royal Dutch Shell ADR B .94

Tuesday (March 24)
Amcor .115
BHP Group ADR 1.30
BHP Group ADR 1.30
Cato Cl A .33
CNO Financial Group .11
Delek US Hldgs .31
Fortress Transportation .33
Southern Copper .40
STMicroelectronics .06
Switch Cl A .029
UnitedHealth Group 1.08
Valhi .02

Wednesday (March 25)
Assured Guaranty .20
Ellington Financial .15
Flex LNG .10
Halliburton .18
Nordstrom .37
Primo Water .06
SFL .35
Southwest Airlines .18
White Mountains Insur 1.00
World Wrestling .12
WR Berkley .11
Yum China Holdings .12

Thursday (March 26)
ACCO Brands .065
Brinker International .38
BWX Technologies .19
Franco-Nevada .25
Frontline .40
Home Depot 1.50
J Bean Tech .10
Kosmos Energy .045
Las Vegas Sands .79
Ormat Technologies .11
Steris .37
Vishay Intertech .095
Xylem .26

Friday (March 27)
Acushnet Holdings .155
Anthem .95
Bank of America .18
BP ADR .63
BrightSphere Invt Group .10
Concho Resources .20
Cooper Tire .105
Coty Cl A .125
Dick's Sporting Goods .312
Eaton Corp. PLC .73
EnerSys .175
Entercom Commun .02
Fidelity National .35
Fortive .07
Fresh Del Monte Produce .10
GAIN Capital Holdings .06
Global Payments .195
Hanover Insurance Grp .65
Haverty Furniture .20
Haverty Furniture A .19
Knight-Swift Transport .08
L3Harris Technologies .85
Lithia Motors Cl A .30
Lockheed Martin 2.40
Moelis .75
Moelis .51
Natl Oilwell Varco .05
Reliance Steel .625
Solaris Oilfield A .105
Sturm Ruger .18
Tootsie Roll Indus .09
Triton International .52
Voya Financial .15
Worthington Industries .24

Saturday (March 28)
NONE

Sunday (March 29)
NONE

NASDAQ

Monday (March 23)
Atlantica Yield .41
Capital City Bank Group .14
Columbia Sportswear .26
Commerce Bancshares .27
Newmark Group .10
Patrick Industries .25

Tuesday (March 24)
BJ's Restaurants .13
Monro .22
Penns Woods Bancorp .32
TFS Financial .28

Wednesday (March 25)
Auburn National Banc .255
CME Group Cl A .85
CSG Systems Intl .235
EW Scripps Co .05
Phibro Animal Health .12
RCI Hospitality Holdings .04
Victory Capital Cl A .05
Xperi .20

Thursday (March 26)
Expedia Group .34
Extended Stay America .23
Pool .55
Qualcomm .62
Red River Bancshares .06
State Auto Financial .10

Friday (March 27)
AMERISAFE .27
Barrett Business Svcs .30
Brooks Automation .10
CH Robinson Worldwide .51
Cogent Communications .66
Core-Mark Holding .12
Exponent .19
First Financial Northwest .10
Flushing Financial .21
Healthcare Services Grp .201
Insteel Industries .03
Kraft Heinz .40
Mannatech .125
MGP Ingredients .12
MutualFirst Financial .20
Nasdaq .47
Principal Financial Group .56
Red Rock Resorts Cl A .10
Steven Madden .15
Strattec Security .14
Texas Roadhouse .36
TriCo Bancshares .22
Unity Bancorp .08

Saturday (March 28)
NONE

Sunday (March 29)
NONE

NYSE American

Monday (March 23)
Gold Resource .003
Grupo Simec ADR .674

Tuesday (March 24)
NONE

Wednesday (March 25)
NONE

Thursday (March 26)
NONE

Friday (March 27) NONE

Saturday (March 28) NONE

Sunday (March 29) NONE

ADJUSTABLE MORTGAGE BASE RATES

	Mar 20	Mar 13	Yr. Ago	YOY % Chg
1 Year Treas Bills	0.38	0.62	2.52	-84.92
2 Year Treas Notes	0.47	0.66	2.45	-80.82
3 Year Treas Notes	0.54	0.68	2.42	-77.69
5 Year Treas Notes	0.62	0.73	2.42	-74.38
10 Year Treas Notes	0.79	0.96	2.62	-69.85
20 Year Treas Bds	1.15	1.36	2.84	-59.51
11th District % Jan	0.984	0.984	1.125	-12.53
FHFA PMMS+	3.72	3.72	....	....

Fed annualized yields adjusted for constant maturity. FHFA PMMS+ is the Federal Housing Finance Agency's adjusted version of Freddie Mac's 30-yr FRM Primary Mortgage Market Survey.

TRADING SUSPENDED

NYSE
None

NYSE American
Condor Hospitality Trust (CDOR)

Nasdaq
Habit Restaurants (HABT)
Pattern Energy Group (PEGI)

WEEK'S EX-DIVIDEND DATES

This list includes payouts on common stocks.

NYSE

Tuesday (March 24)
Altria Group .84
DXC Technology .21
GeoPark .041
Pembina Pipeline .157
Portland General Elec .385

Wednesday (March 25)
American Vanguard .02
Curtiss-Wright .17
Intl Flavors & Fragrances .75
Korn Ferry .10
Vail Resorts 1.76
Wheaton PreciousMetals .10

Thursday (March 26)
British Amer Tobacco .677
Cdn Imperial Bank 1.095
Covanta Holding .25
Danaher .18
Flowserve .20
Medtronic .54
Pearson ADR .174
ProAssurance .31
Prudential ADR .519
Ralph Lauren Cl A .688
Regal Beloit .30
Royal Bk of Scotland .13
Valmont Industries .45
World Fuel Services .10
Zimmer Biomet Holdings .24

Friday (March 27)
AAR Corp .075
Designer Brands .10
Novo Nordisk ADR .787
Toro Co .25
Xerox Holdings .25

Saturday (March 28)
NONE

Sunday (March 29)
NONE

Monday (March 30)
AXIS Capital Holdings .41
B & G Foods .475
Benchmark Electronics .16
China Distance Educ .56
Colony Capital .11
Deere .76
Dillard's .15
Edison Intl .637
Ellington Financial .15
FMC .44
Franklin Resources .27
Humana Inc .625
Illinois Tool Works 1.07
Kennedy-Wilson Hldgs .22
Mitsubishi UFJ Finl ADR .104
National Fuel Gas .435
Nucor .403
Nutrien .45
OFG Bancorp .07
Orix ADR 1.609
Osisko Gold Royalties .038
Park Hotels & Resorts .45
Pioneer Natural Res .55
Stantec .116
Stryker Corp .575
Sumitomo Mitsui Fincl .165
TC Energy .612
TFI International .185
Titan International .005
US Bancorp .42
Vermilion Energy .083
VICI Properties .298
Xenia Hotels & Resorts .275
Yamana Gold .013

NASDAQ

Tuesday (March 24)
Kimball Intl Cl B .09
Lam Research 1.15
Mercer International .138
MIND CTI .24
Seagate Technology .65

Wednesday (March 25)
Allied Motion Techs .03
AstroNova .07
Cypress Semiconductor .11

Thursday (March 26)
Alico .09
CyrusOne .50
Dentsply Sirona .10
First Midwest Bancorp .14
Headhunter Group ADR .50
ICF Intl .14
Interface .065
Kulicke & Soffa Inds .12
TerraForm Power .201

Friday (March 27)
Great Southern Bancorp .34
Hurco Cos .13
Towne Bank .18

Saturday (March 28) NONE

Sunday (March 29) NONE

Monday (March 30)
Amdocs .327
America First Multifam .125
ATN International .17
BancFirst .32
Bank7 .10
Beasley Broadcast Cl A .05
DMC Global .125
Fifth Third Bancorp .27
First Bancorp NC .18
FirstService .165
Inter Parfums .33
Mondelez Intl Cl A .285
Monolithic Power Sys .50
National Research .21
Primoris Services .06
RF Industries .02
Skywest .14
Steel Dynamics .25
Umpqua Holdings .21
Willis Towers Watson .68

NYSE American

Tuesday (March 24)
NONE

Wednesday (March 25)
NONE

Thursday (March 26)
NONE

Friday (March 27) NONE

Saturday (March 28) NONE

Sunday (March 29)
NONE

Monday (March 30)
BK Technologies .02
Maverix Metals .01
National Healthcare .52

NEW LISTINGS

NYSE
None

NYSE American
None

Nasdaq
California BanCorp (CALB)

NAME CHANGES

NYSE
Cypress Environmental Partners (CELP), formerly Cypress Energy Partners

NYSE American
None

Nasdaq
International General Insurance Holdings (IGIC), formerly Tiberius Acquisition (TIBR)
Lumos Pharma (LUMO), formerly NewLink Genetics (NLNK)
TD Holdings (GLG), formerly Bat Group