WHERE TO FIND THE BEST BETS IN BONDS · PAGE 12

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Pictured: The WSE-3 from Cerebras Systems is the largest commercial chip ever made.

CHASING NVIDIA

A growing number of companies want to cut Nvidia's big lead in chips for artificial intelligence. Inside the battle for a $1 trillion market. **PAGE 14**

DOW JONES

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Molten iron is poured into a furnace, where it will be transformed into liquid steel.



Photograph by Katie Thompson

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UP & DOWN WALL STREET

Personalized health tools like portable electrocardiograms take AI to another level. It isn't just giraffes bathing in toilet bowls.

Apple Already Knows All About You. It Could Be AI's Big Winner.



BY ALEX EULE

I was about to start writing this column on Thursday afternoon when Facebook parent **Meta Platforms** launched a new chatbot. It wasn't procrastination, I swear. As a tech editor, I have to be up on this stuff. So, I spent a few minutes trying Meta's new generative AI tool. The column could wait. Sorry, editors.

But a few minutes turned into more. I dare you to go to Meta.ai without spending the next hour texting friends and family all of your artistic creations. I started by asking the bot to imagine cows in a field, and then I layered on turtles, all inside a baseball stadium. I have no idea why. The machine added each element in real time, as I typed.

My *pièce de résistance* was a series of cartoon giraffes bathing in a toilet. I suggested to my wife that it would be good for our bathroom wall. (She was less enthused.)

This is amazing technology—and a total waste of time.

Meta's new chatbot, which is based on its latest open-source large-language model, called Llama 3, has all of the required features of an artificial-intelligence chatbot in 2024. I was able to get a solid list of album recommendations and a bulleted list of comparative data on sport-utility vehicles. But I'm not ready to update my view on the current state of generative AI; as an everyday consumer tool, I remain unimpressed. (My colleague Eric J. Savitz has a different take on page 24.)

Still, I'm trying to keep an open mind. The stock market has added trillions in new value on the back of AI. That has to count for something. I'll get to the "Wall Street" portion of this column, but first more on my quest for AI appreciation.

Just after my Meta.ai lark, I spoke to Dr. Peter Noseworthy, a professor of cardiology and medical director for business development at the Mayo Clinic. I had reached out to Mayo hoping to get beyond the chatbot chatter.

It didn't take long. Within a few minutes, Noseworthy was talking about the lifesaving implications of AI projects and clinical trials that Mayo is working on. He combined tech, business, and medicine in a way I hadn't heard before.

"One of the problems in healthcare," Noseworthy told me, "is that it's delivered as a service, and as a result, it's not scalable. There are probably aspects of medicine that, with large-language models and AI, can convert from a service to a product. And once that happens, it's scalable, it's portable, and people can carry these things in their pocket."

He says Mayo's team is using AI to find disease markers with a commonly performed electrocardiogram: "We found that it's actually a really powerful marker of all kinds of diseases that even people who read ECGs for a living don't rely on an ECG for."

Ultimately, those ECG tools can be used with a device like an Apple Watch, he says. "And then, the consumer carries, on his wrist, a clinical-grade ECG tool to deploy our AI."

We talked about phones as an omnipresent form factor. "We can detect all kinds of signals for health and disease in a patient's voice, particularly when it's trended over time," says Noseworthy. Similar signals could come from a phone's step counter and by measuring changes in a user's gait.

He compared AI and phones to a mother who quickly spots illness on a child's face. "That sort of clinical gestalt that comes from an astute observer is probably replicable with AI. And we're making dozens, if not hundreds, of recordings of our faces every day. There may be opportunities to leverage things like that."

Our phones have already taken over lots of roles in our lives, but the doting mother would be a new one.

Noseworthy also gave me a different framework for considering chatbots. "The closest we have to a patient-doctor interaction is probably a generative AI LLM solution in the form of a medical chatbot," he says. "If you'd asked me six months ago, I would have thought we were a few years out for something I trusted. Now, I think we might be six months from something that's clinically useful."

Mayo is actively working on these chatbots, Noseworthy says. It will still take a few more years, he adds, "to fully emulate clinical acumen."

In the short term, Noseworthy says a chatbot could help patients adjust medications and ask questions about drug interactions.

"The most mature version of that technology will allow patients to converse in natural language with a chatbot to discuss their symptoms or concerns and get high-quality, vetted medical information presented in an easily understood and natural feeling conversation," he told me.



Meta.ai

Meta.ai, the new chatbot from Facebook parent Meta Platforms, will create AI images on the fly. For this picture, *Barron's* asked the bot to imagine cows and turtles playing baseball.

This kind of personalized tool takes AI to another level.

I spoke to the founder and CEO of a company called Limitless, which says it's harnessing AI to give us memory superpowers. I had already tested out an earlier product from the company called Rewind.ai, which uses character and audio recognition to record everything that comes through a Mac screen and speaker, including calls, texts, and emails. Then, using a large-language model, the app can answer questions about our lives: "Tell me about my last conversation with Mom. What time is our lunch?"

The company's newer product, also called Limitless, offers apps for the Mac, Windows, and the web. This past week, it launched a wearable pendant with a microphone that users can attach to their clothing to record life's real conversations—the ones that don't go through a device.

This all enables huge possibilities

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and, of course, serious privacy concerns. Dan Siroker, Limitless' founder, says the two aren't contradictory. "It starts with the fundamental premise—that privacy should not come at the cost of convenience," he says. "Facebook and all ad-driven companies did the world a huge disservice by kind of making you think that should be a choice—that you should have to compromise your privacy for convenience."

The new pendant offers a consent mode that will track only voices that have given permission to be recorded. The company says it has already received 10,000 orders for the $99 pendant, which will ship in August. Limitless says all of the data brought into its cloud are encrypted with a secret key that no one else can access, including the company. Data sent through large-language models for summarizing and transcribing is deleted after 30 days.

Limitless has raised $33 million from venture-capital firms like Andreessen Horowitz and New Enterprise Associates, as well as from OpenAI founder Sam Altman.

The key to Limitless, Siroker says, is that it's offering context to AI models. It's like providing a prompt to a chatbot that says, "I like the colors blue and green. Pick me the best Benjamin Moore paint color."

With Limitless, the context is more than just liking blue and green, though. It's potentially sending every conversation you've ever had. Ultimately, that's how an AI model trained on generic internet data will bring personalized answers to our lives.

So, what does all this mean for stocks? The promise of AI has already driven a massive market rally. The irony is that **Apple**, the company with more context about our lives than any other, has been left behind.

Consider the Apple Health app on my phone. That app has years worth of data about my daily step count, my heart rate, the number of times I stand in a day, my exposure to loud sounds, and my blood oxygen level. A few rows over on my home screen, I have thousands of photos with location and time stamps. And then there are my texts. With my permission, Apple could conceivably feed all of this into a large-language model to create an absurdly detailed journal of my life. It would be a self-help book on steroids.

Yes, there are privacy issues, but we've already given all of these data to Apple. I'm fine with the company putting it to better personalized use.

The current knock on Apple is that unlike Big Tech rivals Meta and **Alphabet**, or the start-up OpenAI, it has yet to create its own large-language model.

I have no proprietary information on whether it will. CEO Tim Cook has said that Apple is putting a lot of time into AI, with details coming later this year. The company will probably have major announcements in June at its annual developers conference. For now, though, investors have all but given up on Apple and AI. And that feels like a major oversight.

Late last month, Melius Research analyst Ben Reitzes published a note about the Cupertino, Calif., company's AI efforts titled, "Apple May Still Have the Last Laugh."

Reitzes has covered Apple for more than two decades, as an analyst and banker. "The reason we wrote the note was to say, remember, these guys are market makers. And maybe we should hear them out," Reitzes told me. "Even going back to the original example of when Steve Jobs was trying to build iTunes. He didn't make the music. He made enjoying the music better."

Reitzes says Apple won't have to make a world-beating AI model to be a winner in this new world. "They don't need to be **Microsoft**. They don't need to be OpenAI or Gemini. Apple needs to be Apple, and that is providing an interface that allows you to enjoy where apps are going in this new world. We think they can do it, and they are going to start to lay the groundwork for that carefully, potentially with a splash in June."

For now, Apple is down 14% this year, versus a 4% gain for the S&P 500 index and a 56% gain for AI leader **Nvidia**.

Melius says there are legitimate concerns about Apple's iPhone sales in China, where the company seems to be quickly losing market share. And he understands why some investors are worried about the company's AI efforts thus far.

But Apple has been here before. From September 2012 to September 2013, between the release of the iPhone 5 and the iPhone 5S, Apple shares fell 33% versus a 18% gain for the S&P 500. At the time, **Samsung Electronics** was gaining steam with its larger-screen phones.

Then, in late 2014, Apple released the iPhone 6, its first larger-screen phone. Since then, Apple shares have returned 635% versus 198% for the S&P 500.

The switch to AI, to be sure, is more complex than making a larger-screen phone. But Apple's dominance hasn't changed. And that puts it at the center of any shift—real or artificial. B

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STREETWISE

"We believe that the period of U.S. earnings outperformance versus the euro zone might be ending," notes a report from J.P. Morgan.

The Bull Case for Europe: Growth Isn't As Terrible as It Looks.



BY JACK HOUGH

European earnings season commenced this past week with key reports from Bavarian Capacitor and Royal Jellied Eels. OK: I made those up as unfair stereotypes of stodgy businesses. It isn't my fault—I didn't ask to be born this dismissive of European equities. I'm trying to take an interest. When do we get results for regional bellwethers Not Amazon and Didn't Invent the iPhone?

The thing is, if you had money in, say, the **iShares Europe** exchange-traded fund, you've underperformed its U.S. counterpart, the **iShares Core S&P 500** ETF, over the past one, three, five, 10, and 20 years—massively. Sure, that has left the European fund the cheaper of the two relative to earnings. But mind the growth gap; during the first quarter, European earnings are estimated to have shrunk by 11%, versus a 3% increase in America.

But J.P. Morgan is turning less bearish on Europe. It recently closed its call to Underweight Europe versus the U.S., after a 15% swing in its favor since last May. "We believe that the period of U.S. earnings outperformance versus euro zone might be ending," its strategists wrote this past week.

The U.S. has gotten an economic goose from government spending, and its companies have enjoyed upside sales surprises from currency effects. Plus, the Magnificent Seven tech stocks have shone, though earnings growth is slowing. Without them, S&P 500 index first-quarter earnings would be expected to fall 2.6%—a fifth consecutive decline. Even with them, that 3% first-quarter growth forecast was over 10% last summer. That raises doubts about remaining forecasts that have U.S. growth rebounding to double-digit percentages later this year.

If growth isn't as good as it seems in the U.S., it might be less terrible than it looks in Europe. The average earnings decline there is amplified by big outliers, especially in energy and utilities. The median or middle earnings growth rate is 10 points higher than the average, at minus 1%. Meanwhile, Europe is expected to begin cutting interest rates sooner than the U.S.

"Better earnings delivery could in turn drive better relative market performance," JPM writes of Europe. We'll see. For investors who are convinced, a cheap ETF like the aforementioned one will do fine. JPM also has stock picks, but they're not all cheap.

Airbus goes for 24 times earnings. Between the two dominant jumbo jet makers, it's the one that isn't making headlines for parts falling off planes. That would be a competitive advantage if Airbus could make planes faster.

ASML is even pricier at 44 times earnings, making machines that power the Taiwanese factories that turn U.S. semiconductor designs into reality. Denmark's **Novo Nordisk**, at 37 times earnings, makes obesity drug Wegovy.

I'm sure these companies are well positioned, but turning to Europe for stocks and then paying a higher multiple of earnings than the U.S. market feels like paying a home builder extra for no air conditioning.

JPM is also bullish on some cheaper stocks. **AstraZeneca** makes drugs for diabetes, cancer, heart disease, and more. At 17 times earnings, it's a double-digit earnings grower. **Deutsche Telekom** at 12 times earnings gets most of its value from its stake in pricier **T-Mobile US**. Free cash flow for the German company is approaching 17% of its market value. **UBS** last year completed its acquisition of Credit Suisse. A recent stock valuation of 1.3 times tangible book value, versus 2.2 times for **Morgan Stanley**, looks low, especially considering an even higher mix than Morgan Stanley of the steady-earning wealth management business.

Let's turn to two contrasting cases of analysts sticking with calls that recently went bad. **Tesla** reports results on April 23. Investors will be alert for signs of plateauing demand for electric vehicles and low-cost competition from China. They might also get more colorful commentary from Wedbush; its analyst writes that Tesla's past two conference calls have been "train-wreck bad comedy shows with no adult in the room," and that a lack of communication "has added fuel to the raging inferno." He's staying at Outperform, citing potential for "massive value creation" from self-driving cars.

Tesla is only the second-worst performing stock in the S&P 500 this year, down 40%. The worst is **Globe Life**, down 47%. The cause is a short-selling outfit called Fuzzy Panda. I'm not clear how "fuzzy" narrows the field of pandas, but let's not get sidetracked.

Fuzzy put out an April 11 report about Globe featuring allegations of fraud, kickbacks, bribery, cocaine and steroid use, and sexual assault among independent agents. The report cites news stories and lawsuits and Fuzzy's own undercover investigation applying for jobs. Included are social-media photos of cigar-chomping bros flexing while flashing shiny watches and standing near sporty cars, and at one point Fuzzy uses the phrase "giant asset hole," which I'm starting to suspect is a double-entendre.

In a statement, Globe called Fuzzy's report "deliberately false, misleading and defamatory," with points "recycled" from lawsuits pushed by firms to coerce settlements. It says it has processes in place to investigate claims of misdeeds.

JPM writes that "insurance is a litigious business and most of our coverage companies face multiple accusations of improper and fraudulent behavior." The key, it says, is whether wrongdoing is limited to independent agents or extends to the company itself. The financial implications, however, are clear—and depressingly positive.

See, Globe's earnings come overwhelmingly from premiums on existing policies, not new ones. So, a 10% drop in new business might hit sales by only 1%. And since agent payouts are stuffed into year one, less new business means more free cash flow. And the plunge in stock price makes buybacks more accretive to earnings. JPM predicts 110% upside.

Note that Warren Buffett's **Berkshire Hathaway**, a two-decade shareholder, sold last year at a much higher price amid reports of bad behavior at a top sales agency. Sounds like careful loss mitigation, or what you might call a no asset hole policy. B

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REVIEW & PREVIEW

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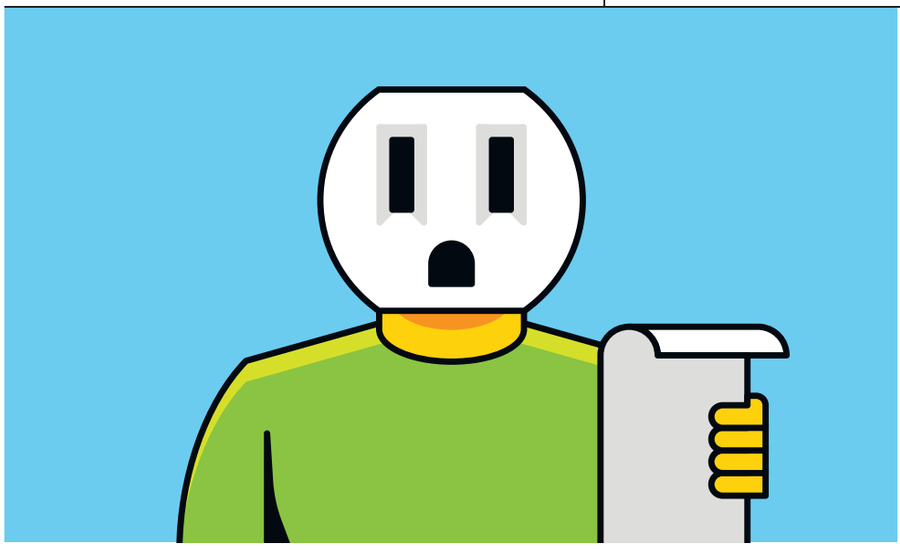


Illustration by Elias Stein

Why Power Bills Are Up

Electricity costs have been surging, up 0.9% on a seasonally adjusted basis in March over February, and 5% on an unadjusted year-over-year basis, according to the latest consumer price index. Last year saw a 10.2% annual increase.

That's surprising, given that the top input cost for electricity—natural gas—has gotten cheaper. Natural gas generates 42% of U.S. electricity. Gas prices spiked after Russia invaded Ukraine, as more U.S. gas went to Europe to replace Russian supplies. But prices have since fallen under $2 per million British thermal units, down from above $9 in 2022.

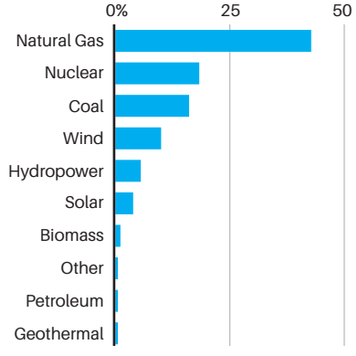
In some states, utilities cut electricity prices as prices fell; others raised rates months after prices dropped. One reason for the price hikes is that about half of the average consumer bill reflects transmission and distribution costs, which are rising fast as electricity demand grows from electric vehicles and AI-focused data centers.

Some utilities have been asking regulators for permission to raise prices. In Indiana, **Duke Energy** and **CenterPoint Energy** want to raise rates by double-digit percentages to pay for priorities, including the cost of moving from coal to cleaner options. Duke also cites "dramatic inflation."

Price pressure is bound to escalate as natural-gas prices rise again in the years ahead and demand grows. Says David Springe, National Association of State Utility Consumer Advocates executive director, "It's going to get a lot worse." **– Avi Salzman**

In Transition

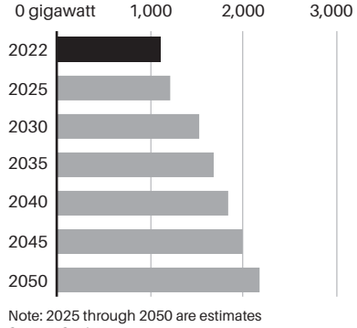
Natural gas and nuclear have passed coal as top sources of U.S. electric power. Renewables are on the rise.



Source: Energy Information Administration

Power Up

U.S. electric generating capacity has been relatively stable for several decades. The next quarter-century should see more growth.



Note: 2025 through 2050 are estimates
Source: Statista

LAST WEEK

Markets: Oil prices fell after Iran's retaliation against Israel (the response was limited). U.S. retail sales in March grew a hot 0.7%; Treasuries sold off and the dollar rallied. China had a strong first quarter, up 5.3%. Federal Reserve Chair Jerome Powell suggested inflationary signs would delay rate cuts. Stocks were volatile and lost ground. On the week, the Dow industrials barely budged, up 0.01%, the S&P 500 lost 3.05%, and the Nasdaq Composite fell 5.5%.

Companies: The federal government committed $6.4 billion in grants to **Samsung Electronics** to expand chip production in Texas. **Microsoft** invested $1.5 billion in G42, Abu Dhabi's artificial-intelligence start-up. G42 cut ties to China to make the deal. **Goldman Sachs** beat earnings expectations, with first-quarter net income up 28%; **Morgan Stanley** beat on higher revenue. President Biden called for a tripling of tariffs on Chinese steel and aluminum. **Apple** removed **Meta Platforms**' WhatsApp and Threads from its China App Store on Beijing's orders.

Deals: The Wall Street Journal reported that **Salesforce** was in talks to buy data-management software firm **Informatica**...Milan-based **Prysmian** agreed to buy cable maker **Encore Wire** for $4.15 billion...**International Paper** agreed to buy the U.K.'s **DS Smith** for $7.2 billion, all in stock...The WSJ said the U.S. was readying an antitrust suit against Ticketmaster parent **Live Nation**...The New York Times said **Sony** and **Apollo Global** were mulling a **Paramount Global** bid.

THIS WEEK

Tuesday 4/23

Four of the so-called Magnificent Seven release earnings. **Tesla**, which recently announced layoffs of at least 10% of its workforce, reports results on Tuesday. Shares are down 41% this year, the second-worst performer in the S&P 500 index, as demand for EVs has slowed markedly. **Meta Platforms** releases earnings on Wednesday, followed by **Alphabet** and **Microsoft** on Thursday.

Thursday 4/25

The Bureau of Economic Analysis releases its advance estimate of first-quarter gross-domestic-product growth. Consensus estimate is for real GDP to have grown at a seasonally adjusted annual rate of 2.2%, after an increase of 3.4% in the fourth quarter.

Friday 4/26

The BEA releases the personal consumption expenditures price index for March. Economists forecast a 2.6% year-over-year increase, one-tenth of a percentage point more than in February. The core PCE, which excludes volatile food and energy prices, is expected to rise 2.7%, compared with 2.8% previously. Stubbornly hotter-than-expected inflation readings this year have pushed bond yields to their highest levels in five months and finally dented the equity market, with the S&P 500 down 5.5% in April, which would be its first losing month since October.

THE NUMBERS

26%
Percentage of Americans who said in a survey that they get eight hours or more of sleep nightly.

$3.6 B
Global sales of drugs that since 2014 were either deemed ineffective or withdrawn from the market.

$6.4 B
Amount raised in Chinese IPOs, follow-ons, and convertible-share offerings this year, lowest on record.

$325 B
Goldman Sachs estimate of how much stock pension funds will sell this year, up from $191 billion in 2023.

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CEO Pay Hits a New Record

The 11.4% median increase for 100 top CEOs outpaced the 4.3% gain for the average worker—but shareholders did even better.

ANDY SERWER AND ANGELA PALUMBO



Illustration by Barron's; Dreamstime (2)

"In this world nothing can be said to be certain except death and taxes," Benjamin Franklin famously noted in 1789. Had he been writing today, Franklin might have added ever-rising CEO pay to his list of inevitabilities.

So yes, median pay for America's top chief executive officers rose again, climbing 11.4% in 2023 to a record $23.7 million, according to a new study by pay consulting group Equilar—though beneath those headline numbers lie some intriguing trends. The increase in CEO pay is well ahead of the 3.4% inflation rate in 2023 and the 4.3% gain for the average worker. Equilar's list includes the largest CEO pay packages at companies with revenue of at least $1 billion that filed their proxies to the Securities and Exchange Commission by March 31. The data reflect 2023 figures.

"Will the trend of outsize salary increases for CEOs continue into the future? It can't forever," says Jonas Johnson, vice president of research at compensation consulting firm Economic Research Institute. "Twenty, thirty years of 8% gains, you're looking at double in compensation every seven years, and that can only go on for so long. At some point the numbers become unsustainable."

Clearly, though, that moment hasn't yet arrived.

Topping Equilar's list is **Broadcom** CEO Hock Tan, with total compensation of $161.8 million last year—$160.5 million of which came in the form of the year's biggest stock grant. The median stock award for these CEOs came in at $15.3 million, or 64.6% of their total compensation.

"Stock awards are now the bread and butter of CEO comp," says Amit Batish, Equilar's senior director of content, who notes that the median value of stock awards is up 20% from a year earlier. "This year we had three nine-figure award packages; last year we had only one. So we will probably see more." The likely reason for the popularity of stock awards is that while these grants reward executives with upside if the company's stock performs well, they still have value if the stock falls, while stock options, which used to be in favor, become worthless if a stock drops.

Before anyone feels compelled to storm the barricades, it's worth noting that the 11.4% gain in CEO pay is less than the 13.8% total return to shareholders produced by these companies last year. In fact, CEO pay for top companies climbed 8.77% on average annually over the past six years, while the total annual average return for these companies was 12.02%. It's possible, therefore, to argue that some shareholders are getting their CEOs on the cheap.

Take for instance this year's highest paid CEO, Broadcom's Tan, who was No. 4 on last year's list with comp of $60.6 million. Yes, he has been paid a bundle, but Broadcom—an acquisitive chip and tech company that recently bought VMware after it was stymied in its attempt to buy **Qualcomm**—has seen its shares climb 2,005% over the past decade, versus 169% for the S&P 500. Has Tan, who has been CEO since 2006, been paid too much? Who's to say, but he has certainly done well by his shareholders.

A Broadcom spokesperson says, "Mr. Tan's recent equity grant is 100% performance-based to align with stockholders' interests....The award cannot be fully earned until the end of fiscal 2027, nor is Mr. Tan eligible to receive any further annual bonus or equity awards until then."

It's hard to deny that CEO comp numbers are gargantuan and growing. Median pay for CEOs in this group is now a record 300 times that of their median employee's, compared with a ratio of 255 in 2018. The biggest gap on this year's list is at cosmetics company **Coty**, which markets products under brand names like Gucci, Calvin Klein, and Tiffany. There, CEO Sue Nabi reaped a comp package of $149.4 million, most of which came from a $145.8 million stock award. That puts her at No. 3 on the list and landed her in the top spot for biggest pay increase, at 4,000%. The package is 3,769 times that of the median employee at her company—$39,634, one of the lowest averages on the list. A Coty spokesperson said, "Ms. Nabi's interests are perfectly aligned with those of Coty's investors."

Wide pay ratios have attracted the attention of Sen. Bernie Sanders, who has proposed taxing companies that pay their CEOs more than 50 times the average employee. Every company on this list would be hit by the Vermont senator's proposed tax. The lowest pay ratio is at **Lazard**, where new

Top Ten

Many of the top-paid CEOs lead fast-growing technology firms.

CEO	Company / Ticker	Total Compensation (million)	Y/Y Change In Pay	Pay Ratio	Y/Y Change in Revenue
Hock E. Tan	Broadcom / AVGO	$161.8	167%	510	7.9%
Nikesh Arora	Palo Alto Networks / PANW	151.4	1355%	735	25.3%
Sue Y. Nabi	Coty / COTY	149.4	4100%	3769	4.7%
Christopher L. Winfrey	Charter Communications / CHTR	89.1	N/A	1635	1.1%
William J. Lansing	Fair Isaac / FICO	66.3	251%	653	9.9%
Timothy D. Cook	Apple / AAPL	63.2	-36%	672	-2.8%
Jagtar Singh Chaudhry	Zscaler / ZS	57.8	39%	319	48.3%
Hamid R. Moghadam	Prologis / PLD	50.9	6%	400	34.3%
Satya Nadella	Microsoft / MSFT	48.5	-12%	250	6.9%
Shantanu Narayen	Adobe / ADBE	44.9	42%	229	10.2%

Note: Pay ratio is the CEO's pay as a multiple of the company's median employee pay; N/A=Not applicable; change in pay not calculated for Winfrey because the CEO wasn't in place for two complete years.

A Fair Isaac spokesperson said the company structures its executive compensation to be consistent with industry best practices, adding: "Under Mr. Lansing's leadership the past 10 years, FICO has delivered total shareholder return that is in the top 1% of the S&P 500."

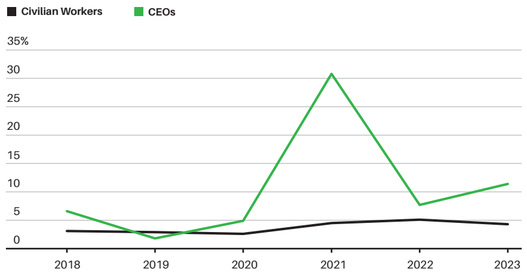
Source: Equilar

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Pay Gap

CEO compensation outpaced that of other workers for the past four years.

Year-Over-Year Compensation Increases



Note: Civilian data include wages and benefits. Sources: Bureau of Labor Statistics, Equilar

CEO Peter Orszag's compensation of $30.8 million is 57 times the median pay of $230,773 for his pinstriped bankers. Lazard declined to comment.

Equilar's list includes a number of well-known CEOs and/or CEOs who have been in the news lately. There's **Disney**'s Robert Iger, who spent much of last year (and this year, too) in on-again/off-again combat with activist investor Nelson Peltz. Disney stock suffered last year, falling 14.8%. Iger's comp: $31.5 million. When asked for comment, Disney directed us to its proxy statement.

With shares down 40.6% in 2023, **Pfizer** shareholders might be surprised that CEO Albert Bourla's compensation was $21.5 million, even though it represents a 29% decline from the prior year. According to a Pfizer executive: "[Bourla's] pay is aligned to the achievement of pre-established targets directly related to the company's business goals and strategies....The Compensation Committee determined that no bonuses would be paid to the CEO...the Compensation Committee did award him a 2024 Long-Term Incentive award, with a grant value of $18 million."

Two Magnificent Seven CEOs check in near the top of the list, both with pay packages that are somewhat paradoxical. **Apple**'s Tim Cook received the biggest cash payment in the ranking, $16.2 million, but his total comp of $63.2 million was down 36% even though the stock was up 24.5%. **Microsoft** CEO Satya Nadella's comp of $48.5 million was down 12%, while his company's stock climbed 33.6%. Apple didn't return requests for comment. Microsoft declined to comment.

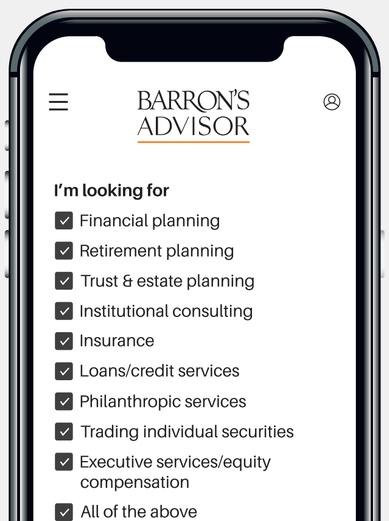
DraftKings CEO Jason Robins saw his pay fall 56% last year to $20.7 million, while the company's stock soared 209.4%. As for cash compensation, Robins is a dollar-a-year man—along with Hamid Moghadam, CEO of logistics real estate company **Prologis**, who was paid $50.8 million; Prologis made $48.2 million in 2022. DraftKings didn't return requests for comment. Prologis didn't return requests for comment.

Robert Thomson, CEO of *Barron's* parent **News Corp**, made $19.2 million, down 2% from the prior year, while the company's stock was up 26.4%.

"We keep talking about CEO pay because it really highlights the issues of income inequality and corporate governance where we're struggling," says Cassandra Happe, analyst at WalletHub. "It prompts this discussion on fairness and transparency, as well as accountability within organizations and society, and making sure these organizations, while they're trying to balance their own budget, aren't necessarily doing it to the detriment of their customers and their employees."

In a way, it goes back to the man on the $100 bill, Benjamin Franklin—now in the spotlight thanks to his portrayal by Michael Douglas in a new TV miniseries—and another one of his patented lines: "Money never made a man happy yet, nor will it." On the other hand, it's probably safe to say that making $23 million didn't make these CEOs particularly unhappy, either. B

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Bonds Are an Uphill Challenge. Where to Find 5% to 8% Yields.

After a tough start to the year, bonds should start to perk up—and there are attractive opportunities throughout the market.



Illustration by Lia Liao

BY PAUL R. LA MONICA

It was supposed to be a banner year for bonds. Instead, it has been a bust so far. But the rest of the year could be more fruitful, if you know where to look.

The U.S. bond market is once again proving to be a minefield. Falling prices have pushed bond total returns down an average 3% this year, and no area of the market has been spared—even "junk" bond total returns are barely in positive territory, on average, despite yields topping 7%.

Many analysts expected better. The story heading into the year was that the Federal Reserve would cut interest rates sharply, giving bonds a tailwind. Falling rates generally push down yields and lift prices, leaving investors with both capital gains and interest income.

Yet yields have inched up on dimming prospects for rate cuts. Consumer price increases have proved tough to get down, recently coming in at 3.5% year over year, and with inflation still a problem for the Fed, prospects for rate cuts have dimmed. Traders see just a 15% chance of a cut at the Fed's meeting in June, down from 51% a month ago, and it's debatable if the Fed will even lower rates at all this year. Heading into the year, markets were counting on up to six quarter-point cuts in the federal-funds rate, pushing it down to 4% from its current range of 5.25% to 5.5%.

The "higher for longer" scenario is punishing bonds. The 10-year U.S. Treasury yield has leapt from 3.95% at the end of 2023 to 4.63%. Overall, long-term bonds are down nearly 9% in total return for the **iShares 20+ Year Treasury Bond** exchange-traded fund. On an annualized basis, long-term Treasuries are enduring their worst stretch in 65 years, according to Bank of America.

Still, fixed-income experts see the rate climate improving if the Fed manages to push through a cut or two later in the year. Yields are attractive, and if the economy stays healthy, credit metrics should hold up, supporting prices in corporate debt. All of that could make for good opportunities within the bond universe, particularly in investment-grade corporate, junk bonds, and floating-rate bank loans. Municipal bonds also are attractive.

"Adding exposure to high-quality bonds is a good idea for investors sitting in cash," says Matthew Palazzolo, senior investment strategist at Bernstein Private Wealth Management. "You can get an attractive level of income and price appreciation."

Broad market indexes are dominated by Treasuries and agency-backed mortgage securities, essentially making them one-way bets on rates; corporate bonds offer more interest income in return for taking credit risk, with lower-rated debt yielding the most.

Two "core plus" ETFs—which include bonds that aren't in the major indexes—to consider are **iShares Yield Optimized Bond** and **Fidelity Total Bond**. The iShares ETF, aiming for above-average yields, is a fund of funds and includes some riskier elements, with 20% in junk bonds and 10% in emerging markets debt. The Fidelity fund is also a little riskier than conservative core plus funds, according to Morningstar, but provides an "edge in risk-on markets."

Given the market's rate risks, some strategists recommend staying at the short end of the yield curve. Yields are slightly higher at the short end, resulting in an "inverted" yield curve, and some strategists see scant gains from venturing out to the long end. "There is a lot more risk on the long end than people realize," says Doug Fincher, portfolio manager with advisory firm Ionic Capital Management.

The **Vanguard Short-Term Corporate Bond** ETF tracks the market well. It yields 5.3% and has a "duration," a measure of rate sensitivity, at just 2.8 years. That means it would lose roughly 2.8% if rates were to rise by a percentage point.

Other ETFs to consider include **JPMorgan Limited Duration Bond** and **Pimco Enhanced Short Maturity Active**. The JPMorgan fund yields about 4.7%. The Pimco fund yields 5.3%, using derivatives and futures to help boost returns.

Within corporates, bonds issued by major banks look attractive. "High-quality credit is tighter, but we're still finding value in bank bonds," says Mike Sanders, head of fixed income at Madison Investments.

One benefit of rates staying higher for longer is that it should support lending margins for banks, says Sanders. Bonds he likes now include five-year issues from megabanks **JPMorgan Chase**, **Bank of America**, **Wells Fargo**, and **Citigroup**, as well as superregionals like **PNC Financial Services** and **U.S. Bancorp**. Many of them yield above 5%.

With the economy holding up, several strategists see value in corporate issues in junk territory. "Given that we believe in the soft-landing scenario, we accept the fact that default risks are lower than historical. So, we like higher yield and bank loans," says Jim Caron, chief investment officer of the portfolio solutions group at Morgan Stanley Investment Management.

To play it safe, stick with bonds rated just below investment grade, avoiding deep junk territory. The **VanEck Fallen Angel High Yield Bond** ETF focuses on issuers that have lost their investment-grade rating but remain at the upper echelons of junk. It has a solid long-term record, yields 6.7%, and is down less than 1% this year. Others to consider include mutual funds **BlackRock High Yield Bond** and **Credit Suisse Strategic Income**. Both yield above 6.5% and have long-term records that beat the category averages.

One other way to think about junk bonds is as a variant on equities. While they won't perform as well in a bull market, they should tag along for the ride if the Fed can orchestrate a "soft" or "no landing" economic scenario after its aggressive rate hikes. "If you are comfortable with where the economy is and a soft landing, then the case for owning below-investment-grade bonds is as an equity substitute," says Gene Tannuzzo, global head of fixed income at Columbia Threadneedle Investments.

One mutual fund playing both angles is **Fidelity Capital & Income**. It holds about 75% in bonds, mostly rated below investment grade, and keeps 18% in stocks, including tech companies like **Meta Platforms**, **Nvidia**, and **Microsoft**. It yields more than 5% and is ahead about 2% this year.

Senior bank loans, often referred to as leveraged loans, are holding up well in this climate. The bonds typically mature every few months, resetting their coupon payments with prevailing short-term rates. Yields are comparable to junk bonds due to loan credit ratings that are generally below investment grade.

If rates were to fall, coupon rates would decline, though the bonds would rally in price. Conversely, "if rates stay higher for longer, you'll continue to get a nice yield on these types of instruments," says Nicholas Brooks, head of economic and investment research at Intermediate Capital Group.

The largest ETFs in the space include **iShares Floating Rate Bond** and **Invesco Senior Loan**. Yields range from 5.8% to 8.1%, and the ETFs are up about 2% this year on a total return basis.

Municipal bonds could also rebound. Many muni funds are down about 2% this year. But credit ratings are generally high—AA-rated or better—local tax revenue is holding up in a strong economy, and there's a tailwind from infrastructure spending on roads and other projects that should boost tax revenue for states and localities, says Bob DiMella, an executive managing director at MacKay Shields.

"Increased infrastructure spending is going to continue," he adds.

Yields get more attractive for investors in higher tax brackets, since muni income is exempt from federal income taxes. The **iShares National Muni Bond** ETF, for instance, yields 3.35%, equivalent to a taxable yield of 5.15% for investors in a 35% federal bracket. State-based muni funds may be better for investors in high-tax states like California, New Jersey, or New York. That is because investors don't have to pay state taxes on muni bonds issued in the state where they live. B

Bonds for a Rebound

These funds should perform well in a more favorable climate for fixed income.

Short Term/Core Plus

Fund/ Ticker	YTD Return	30-Day SEC Yield
iShares Yield Optimized Bond / BYLD	-1.1%	4.6%
Fidelity Total Bond / FBND	-2.7	5.3%
Vanguard Short-Term Corporate Bond / VCSH	-0.3	5.3%
JPMorgan Limited Duration Bond / JPLD	1.2	4.7
Pimco Enhanced Short Maturity Active / MINT	1.9	5.3

High Yield

Fund/ Ticker	YTD Return	30-Day SEC Yield
VanEck Fallen Angel High Yield Bond / ANGL	-0.7%	6.7%
BlackRock High Yield Bond / BHYAX	0.3	6.5
Credit Suisse Strategic Income / CSOAX	1.9	7.8
Fidelity Capital & Income / FAGIX	2.0	5.2

Floating Rate

Fund/ Ticker	YTD Return	30-Day SEC Yield
iShares Floating Rate Bond / FLOT	2.2%	5.8%
Invesco Senior Loan / BKLN	1.5	8.1

Municipal Bond

Fund/ Ticker	YTD Return	30-Day SEC Yield
iShares National Muni Bond / MUB	-1.2%	3.4%

Note: Data as of April 17

Sources: Morningstar, FactSet



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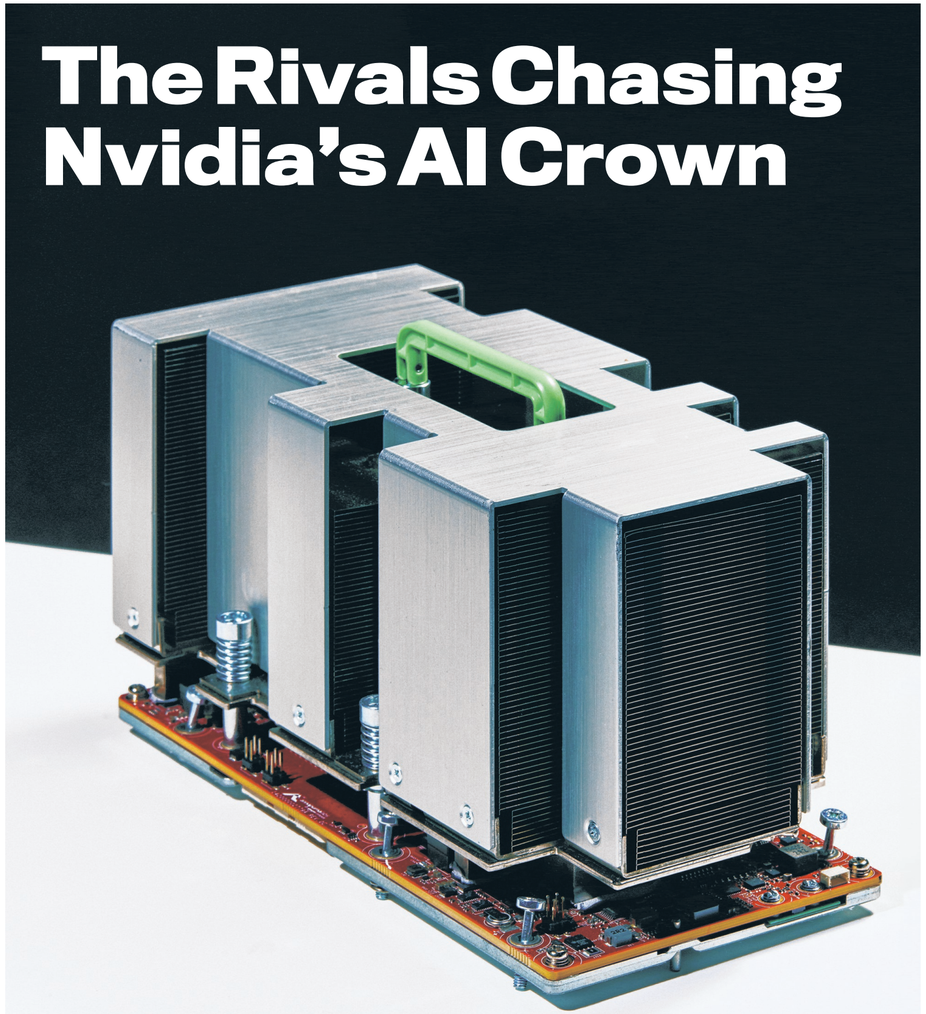
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The Rivals Chasing Nvidia's AI Crown



Chip makers, cloud giants, and an array of venture-backed start-ups are emerging to fight for a piece of a trillion-dollar AI market.

BY ERIC J. SAVITZ

Cloud computing powerhouse Amazon Web Services is investing heavily in AI chips. Its AWS Trainium 1 is seen above.

Photograph by Katie Thompson

Artificial intelligence has delivered seemingly daily wonders for the past 18 months. For investors, the biggest surprise has been the rise of **Nvidia**, which has come from humble roots to thoroughly dominate the market for AI-related chips.

Once known mostly for building PC add-on graphics cards for gamers, Nvidia has transformed its graphics processing units, or GPUs, into the beating heart of the AI revolution, powering the creation of large language models and running the inference software that leverages them in data centers around the world. Nvidia has been nearly alone on the field, with more than 90% market share.

But fresh competition is coming—from companies big and small—and the battle will be fierce. The stakes couldn't be bigger: Lisa Su, the CEO of **Advanced Micro Devices**, has sized the AI chip market at $400 billion by 2027. **Intel** CEO Pat Gelsinger has projected a $1 trillion opportunity by 2030. That's almost twice the size of the entire chip industry in 2023.

Nvidia's Jensen Huang has built a company that is universally respected and admired, but chip buyers aren't keen on relying on a single source. Hardware companies such as **Dell Technologies**, **Hewlett Packard Enterprise**, **Lenovo**, and **Super Micro Computer** can't get enough Nvidia chips to meet customer demand—and they'd like alternatives. Cloud providers like **Amazon.com** and **Alphabet**'s Google want more options so badly that they are designing their own chips. And companies that rely on AI-based systems want more computing resources at more manageable costs than they can get now.

Nvidia's success is now an opportunity for everyone else.

It's hard to find a product of any variety that has had more impact on the financial markets as quickly than the Nvidia H100 GPU, which launched in March 2022.

Nvidia's share price has more than tripled since the H100's debut, boosting the company's market value to $2.1 trillion. Among U.S.-listed companies, only **Microsoft** and **Apple** have higher market caps. And no other chip company is anywhere close.

This is no **GameStop** or **Trump Media & Technology**. In fact, Nvidia is the anti-meme stock: The company's revenue growth has actually outpaced the stock gains. For its fiscal fourth quarter ended on Jan. 28, Nvidia posted revenue of $22.1 billion, up 265% from a year earlier. The company's data center revenue was up 409%.

A few weeks ago, Nvidia launched its latest marvel, the Blackwell B200 GPU, which CEO Huang says dramatically outperforms the H100. With Blackwell, Nvidia raises the bar for its rivals. Nvidia for the foreseeable future will sell as many Blackwells as it can make—or, to be more precise, that partner **Taiwan Semiconductor Manufacturing** can make for it.

Huang has said Blackwell GPUs will cost $30,000 to $40,000 apiece. The current H100s sell in the same range. But the chip prices aren't the whole story. AI customers want to run workloads in the shortest time, at the lowest cost, with the highest accuracy and reliability, drawing as little power as possible. There are a number of companies that think they can do that as well—or better—than Nvidia.

Nvidia's rivals fall into three groups: big chip makers, cloud computing vendors, and venture-backed start-ups. With a $1 trillion market at stake, this won't be winner-take-all. It isn't game over. It's game on.

Nvidia's most obvious challengers are Advanced Micro Devices and Intel.

AMD shares have rallied 71% over the past 12 months, aided by the market's perception that its new MI300 GPUs will chip away at Nvidia's stranglehold on the market. That hope is inspired by AMD's success at stealing market share from Intel in PCs and servers.

"AMD is really the only other company on the field," contends Andrew Dieckmann, general manager of AMD's data center GPU business. "We're the only other solution being adopted at scale within the industry." He says that AMD chips outperform Nvidia's H100 for many inference workloads, while offering parity for model training. But AMD's other asset is that it isn't Nvidia.

"For the very large users, they are not going to bet their entire franchise on one supplier," Dieckmann says. "There is an extreme desire for market alternatives."

AMD CEO Lisa Su said on the company's most recent earnings call that she now expects 2024 GPU revenue of $3.5 billion, up from a forecast of $2 billion a quarter earlier.

Intel is coming from behind—and the stock has struggled for years—but the company opened eyes this month with the launch of Gaudi 3, its third-generation AI accelerator chips for training and inference. Intel contends that Gaudi 3 is faster than Nvidia's H100 for both AI tasks, while using less power—and that Gaudi 3 will be competitive with Blackwell.

Intel, which is now spending billions to build out chip fabs in Arizona and Ohio, should be advantaged over the long run by having its own source of supply in a market with a severe supply shortage. But not yet: Gaudi 3 will be produced by TSMC, just like AI chips from Nvidia and AMD.

Jeni Barovian, vice president of Intel's Network & Edge group, credits Nvidia for "establishing a foundation for this revolution," but says Intel doesn't intend to be left behind. Customers want alternatives, she says. "They don't feel like they're getting a choice today."

Then there's **Qualcomm**, another long-term leader in the semiconductor arena. The mobile-phone chip company has taken technologies originally designed for smartphones and applied them to the cloud in an AI inference chip it calls the Cloud AI 100. Qualcomm ultimately seems more interested in the opportunity to serve the edge of the networks, on laptops and phones.

Qualcomm senior vice president Ziad Asghar thinks that, over time, more inference workloads will be handled on "edge devices." The theory is that it's cheaper, and more data-safe, to stay out of the cloud. "The center of gravity in inference is shifting from the cloud to the edge," Asghar says.

Less visible but no less serious about competing in AI chips are the internal teams at four cloud-computing giants—Amazon, Alphabet, **Meta Platforms**, and Microsoft. All four are designing proprietary chips for both their own internal needs and to serve cloud customers. The competitive story here is less direct—none of the cloud leaders sell chips to third parties.

Nonetheless, they're still a threat to Nvidia. Meta, Microsoft, Amazon, and Google together are spending a fortune on AI infrastructure. Those four are expected to have combined fiscal-2024 capital spending of $178 billion, up more than 26% from a year earlier. Microsoft alone will see capex increase 53% this year, according to estimates tracked by FactSet. Spending will jump 31% at Alphabet, and 26% at Meta. All four are building chips in part to gain better control of their spending—and they all say they can get there by controlling more of the "stack," including software, hardware, and chip design—not unlike Apple's approach to hardware design.

Nvidia declined to comment for this article, noting that the company is in its pre-earnings quiet period. But Huang did address the question of competition in the recent past.

"We have more competition than anyone on the planet," Huang said at a March event at the Stanford Insti-

Cerebras Systems co-founder and CEO Andrew Feldman standing beside the start-up's AI supercomputer in Santa Clara, Calif.





Photographs by Katie Thompson (2)

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tute for Economic Policy. "Not only do we have competition from our competitors, we have competition from our customers." His view is that the high levels of integration and efficiency built into Nvidia's systems make it tough for rivals to keep up. Huang has said that the company's total cost of operation is so good that "even when the competitors' chips are free, it's not cheap enough."

That hasn't stopped Big Tech from trying, and they're being joined by a host of venture-backed start-ups. Some of those start-ups are hoping to sell chips and systems to server and cloud providers, but most of them are trying to disrupt the market by offering cloud-based services directly to customers.

The most intriguing of the group might be Cerebras Systems, which reportedly is planning a 2024 initial public offering.

In March, Cerebras unveiled its largest chip to date, the Wafer Scale Engine 3, or WSE-3. At 72 square inches, it's the largest commercial chip ever made. The H100, by contrast, is roughly one square inch. Rather than trying to network lots of chips together—an engineering challenge—Cerebras is simply packing all of the power onto a gargantuan semiconductor.

Cerebras' chip has four trillion transistors, 50 times the computing power of the H100.

Cerebras is bundling the chips into a computing platform called CS-3, which it says can train a large language model like Meta's Llama in one day, versus one month for Nvidia-based platforms. Cerebras doesn't sell chips directly. While it's willing to sell full hardware systems, most of the start-up's revenue comes from selling access to its systems the same way cloud vendors do. Among its customers: the Mayo Clinic, **GSK**, and the Lawrence Livermore National Laboratory.

Cerebras CEO Andrew Feldman says the company built eight times as many systems in 2023 as it did the prior year, and it expects the total to increase 10 times in 2024. Cerebras had 2023 revenue of $79 million, and has reached cash flow break-even. The company has raised $715 million in venture capital, and was valued at $4 billion in its most recent round, in 2021.

"The opportunity is to bring supercomputer performance to large enterprises without supercomputer overhead," Feldman says.

The secret to that, he says, is the dinner-plate-size chips. "Big chips means you don't have to break up work."

Jonathan Ross, who played an important role in developing Google's AI chips, is now running an AI chip start-up called Groq—not to be confused with Elon Musk's Grok AI model. (All of this grokking stems from a word coined by Robert Heinlein in his 1961 novel, *Stranger in a Strange Land*; it means to fully understand something in the deepest possible way.)

Like Cerebras, Groq's strategy is to sell compute time on a consumption basis, rather than selling chips to hardware and cloud companies. Ross says Groq can run popular models like Meta's Llama 2-70b at 10 times the speed of Nvidia-based systems. (You can try it free on the company's website.) After Nvidia's Huang unveiled Blackwell a few weeks ago, Groq cheekily issued a press release that simply said, "Still faster." The company has announced $367 million in funding to date; Ross says it's raised additional capital that hasn't yet been announced.

AI chip start-up d-Matrix is focused on AI inference applications in the data center, leaving the model-building to Nvidia and others. Founded in 2019, d-Matrix uses a design called "in-memory compute," which CEO Sid Sheth says is an idea that has been around for 30 or 40 years—an approach to speed up computation—but which never had a really good application until AI emerged. D-Matrix, which has raised $160 million, expects to start selling chips next year.

SambaNova, which has raised $1.1 billion from venture investors, is another company taking a systems-based approach to serving the AI market. In addition to chips, its approach aggregates 54 open-source AI models, including those from Google and Meta.

One surprising element of the SambaNova story is that, for many customers, it is installing physical systems in their data centers. "The large majority of enterprise data still sits on premises," says CEO Rodrigo Liang. He notes that customers come from areas such as banking, healthcare, and government, including the national laboratories at Sandia, Lawrence Livermore, and Los Alamos.

There are plenty of other AI chip start-ups out there. Rain AI, which has seed funding from OpenAI CEO Sam Altman, is focused specifically on energy efficiency, and running large language models on edge devices. Lightmatter is using photonics—light-based technology originally built for quantum computing applications—to improve the speed of networking in AI data centers.

To be sure, these start-ups have big ideas, but they're still operating at a small scale. It could be years before they're ready to take on Nvidia. There are potentially big wallets ready to accelerate their progress, though.

Bloomberg has reported that **SoftBank Group** is considering a $100 billion investment to fund a new AI chip company. (SoftBank is also a SambaNova investor and customer.) Meanwhile, OpenAI's Altman, according to The Wall Street Journal, has penciled in a plan to invest up to $7 trillion—a figure that seems implausibly large—to build dozens of new chip fabs. Neither SoftBank nor OpenAI would comment on those reports.

The emergence of the growing number of new and potential competition isn't likely to end Nvidia's reign as the AI chip champion. But it does mean that Nvidia's unobstructed domination of a $1 trillion market is coming to an end. Starting now. B

Chip Choices

Nvidia has dominated the market for AI chips so far, but the list of competitors is growing. A look at some of the contestants.

Big Chip Makers

Company / Ticker	AI Chip Name	Comment
Nvidia	H100, B200	Blackwell B200 succeeds Hopper H100, which already dominates the market.
Advanced Micro Devices	MI300	The clear No. 2. Expects $3.5 billion in AI chip sales in 2024.
Intel	Gaudi 3	Intel say its third-generation AI chip will be faster than Nvidia's H100.
Qualcomm	Cloud AI 100	Targeting cloud inference workloads but more focused on PCs and phones.

Cloud Giants

Company / Ticker	AI Chip Name	Comment
Amazon.com	Trainium, Inferentia	Separate training and inference chips; customers such as ByteDance and Snap.
Google	TPU version 5	Now on fifth-generation chip, running Gemini, Gmail, and customer applications.
Meta Platforms	MTIA	Second-generation chip used for Facebook ranking and recommendations.
Microsoft	Maia	Coming from behind, testing a chip to run Copilot, Teams, SQL Server.

Venture-Backed

Company / Ticker	AI Chip Name	Comment
Cerebras	WSE-3	Builds giant chips for faster processing. Reportedly mulling 2024 IPO.
SambaNova	SN40L	Building full stack solution, including 1.3 trillion parameter model.
Groq	LPU	Focused on speed with novel architecture. (Not the same as Musk's Grok.)
d-Matrix	Corsair	Claims to offer lowest latency and lowest cost per query.
Rain AI	Rain AI	Pre-release AI chip start-up; seed funding from OpenAI's Sam Altman.
Tenstorrent	Grayskull AI Processor	Building chips on open-source RISC-V technology.
Hailo	Hailo-10H	Building accelerators for edge of the network applications.
Lightmatter	Envise	Novel light-based networking approach
Untether AI	runAI200	Canadian start-up building fast chips for AI inferencing.
Mythic	M1076	Uses a novel analog design intended to sharply cut power consumption.

"We have more competition than anyone on the planet. Not only do we have competition from our competitors, we have competition from our customers."

Nvidia CEO Jensen Huang

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Buy U.S. Steel Stock. It Won't Be Stuck in Deal Limbo Forever.

The former steel giant's merger with Japan's Nippon Steel is in doubt, but its shares still look attractive.





A statue in front of U.S. Steel's Edgar Thomson Works steel mill in Braddock, Pa., left. U.S. Steel's Clairton Coke Works in Clairton, Pa., right.

Justin Merriman/Bloomberg

BY AL ROOT

The takeover of **United States Steel** by Japan's **Nippon Steel** is in limbo following opposition from both Republicans and Democrats. Its stock is still a buy.

U.S. Steel's history stretches back to the 19th century and includes names such as Andrew Carnegie and J.P. Morgan. Its blast furnaces—300-foot-high tubes with iron ore, coal, and limestone packed at the top and molten hot pig iron flowing out the bottom—once symbolized America's industrial might.

No longer. U.S. Steel is now just the world's 27th-largest steel company based on steel output, after falling from 12th largest a decade ago. It's the third-largest steel maker in the U.S., trailing **Nucor** and **Cleveland-Cliffs**. U.S. Steel accounted for more than 10% of global steel production in 1950. In 2023, it accounted for less than 1%.

Many factors contributed to the decline. The company diversified into chemicals and oil in the 1980s, while Nucor's pioneering use of steel scrap melted with electricity eroded U.S. Steel's domestic market share. Steel also tends to get produced where it is needed. China's rapid industrialization over the past 20 years has made it today's global steel-making behemoth.

It isn't easy to be a small, relatively high-cost player in a mature, commodity-oriented industry. Fewer shipments and lower profits become a downward spiral as diminishing cash flow leaves less money for capital spending. That's another reason U.S. Steel keeps shrinking.

So it shouldn't come as a surprise that U.S. Steel decided to explore its strategic options in August after rejecting a $35-a-share bid from Cleveland-Cliffs. The bidding, which likely included Nucor and steel service center Esmark, was eventually won by Nippon Steel, which offered to pay $55 a share in cash. U.S. Steel stock traded north of $50 in mid-December, up from $23 before the bidding started.

The deal makes sense. Nippon, the world's fourth-largest steel maker, would bring an injection of capital and technology from a large global player, arresting U.S. Steel's slow decline and positioning itself as Nippon's production hub in North America. U.S. politicians, however, didn't see it that way. Democrats and Republicans alike decried the deal, insisting that U.S. Steel must remain in U.S. hands. Comments from President Joe Biden panning the takeover on March 14 sent U.S. Steel shares down 18% over two days to $38.26.

The political fear is mainly about jobs. U.S. Steel employs some 22,000 workers globally, with 14,000 people in North America. About 11,000 of its U.S. workers are represented by unions. Today, U.S. Steel has more pension beneficiaries than employees—about 60,000. Overall, American steel mills employ fewer than 100,000 workers, according to the Bureau of Labor Statistics. There are about 165 million jobs in the U.S.

The U.S. steel industry is tiny. The market capitalization of the four largest U.S. steel producers is about $90 billion. Nucor, the largest American steel company, accounts for about half that amount. Production for the four amounted to about 68 million metric tons in 2023, more than 75% of the U.S. total but only about 3% of global output. The U.S. doesn't make much steel anymore. Letting U.S. Steel struggle as a stand-alone company won't change any of that.

On Wednesday, Biden called on the U.S. Trade Representative to raise tariffs on imported Chinese steel from about 8% to 25%. China is the world's dominant producer, making about one billion of the 1.9 billion metric tons produced in 2023; it exports about 600,000 tons to the U.S. Imports accounted for some 20% of total U.S. demand last year, and a reduction in the supply or an increase in the cost of imported steel could cause prices in the U.S. to rise. Tariffs aren't a primary reason to own U.S. steel stocks, but they don't hurt.

U.S. Steel is probably worth more than the market is giving it credit for. At a recent $38.59 a share, its stock trades for about 11.9 times estimated 2025 earnings per share of $3.25, a small discount to the 13 times average multiple for Cleveland-Cliffs, Nucor, and **Steel Dynamics**. It's also roughly equal to the 11.8 times forward-year earnings it was trading at in August, before details of the Cliffs bid emerged.

But a lot has changed since then. Steel prices are moving higher. That doesn't hurt, and is one reason the sector is trading at a better multiple. Hot rolled coil, a benchmark steel product, currently costs about $850 a ton, up roughly $50 from last summer. Higher steel prices have shown up in Wall Street estimates. Analysts expect U.S. Steel to generate $1.8 billion in earnings before interest, taxes, depreciation, and amortization, or Ebitda, in 2024, up from $1.6 billion in August. What's more, if U.S. Steel traded at the pre-Nippon discount to its three steel peers, shares wouldn't budge.

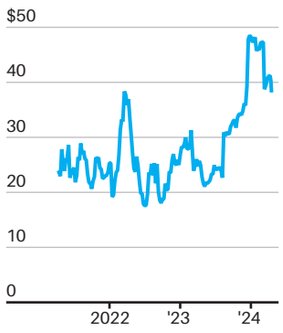
And while a Nippon deal probably won't happen, U.S. Steel could still be in play. Cleveland-Cliffs would likely still be interested in creating a larger, more-sustainable North American steel giant. It was willing to pay $54 in cash and stock for U.S. Steel—its final bid before Nippon offered more.

"We don't see any scenario where U.S. Steel would take an alternative offer below our new $46 price target," wrote Wolfe Research analyst Timna Tanners in a recent report.

And perhaps a whole lot more. B

U.S. Steel

(X / NYSE)



Headquarters: Pittsburgh
Recent Price: $38.59
YTD Change: -21%
Market Value (billion): $8.7
2024E Sales (billion): $16.8
2024E Net Income (million): $787
2024E EPS: $3.40
2024E P/E: 11.4
Dividend Yield: 0.5%

Note: E=estimate; estimates for fiscal 2024 ending in November
Sources: Bloomberg, FactSet

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SLOAN'S VIEW

Don't be tempted to treat money funds as a long-term investment class like stocks and bonds.

Cash Is Looking Tempting. Maybe Too Tempting.

BY ALLAN SLOAN

*This is commentary by **Allan Sloan**, an independent business journalist and seven-time winner of the Loeb Award, business journalism's highest honor.*

Most of the time, money-market mutual funds are about as exciting as watching paint dry. That's what they're designed to be: boring and reliable.

But these days, money funds have gotten interesting. And tempting. Maybe overly tempting.

Owning these funds has become lots more lucrative since the Federal Reserve began raising short-term interest rates two years ago. Thanks to the Fed, money fund yields have gone from essentially zero in early 2022 to 5%-plus today.

As a bonus of sorts for money fund holders, the significant drops in Fed rates that had been widely expected by now seem to be delayed, perhaps indefinitely.

And there are even predictions from the likes of rate mavens at Pimco and former Treasury Secretary Larry Summers that the Fed's next rate change may well be a hike rather than a cut, to help forestall inflation from getting worse.

All this means that for now, thanks to the inverted yield curve that the Fed's rate hikes helped create, money fund holders are getting higher yields than long-term Treasury holders are getting.

All of this has attracted lots of interest—yes, you can groan now—from both institutional and retail investors. Money fund assets have risen by 25% from the start of last year through April 11, according to Crane Data. That $1.3 trillion increase has boosted money fund assets to $6.48 trillion.

That's a tad lower than the record $6.54 trillion on April 2, which Pete Crane says is because people are taking money fund withdrawals to help pay their income tax bills.

Crane says that the bulk of the increase in money fund holdings came from institutional investors that had bank accounts way above the Federal Deposit Insurance Corp.'s $250,000 insured maximum at the likes of Silicon Valley Bank, which collapsed a year ago.

These days, with stocks lurching up and down, there's a lot of comfort and safety in money-market funds for retail investors as well as institutional investors. Sure, money funds aren't exciting. But you don't have to deal with wild daily or weekly price swings.

That's why I say that money funds are tempting. It's easy to fall in love with reliability and predictability, given the hectic financial and political markets that we're dealing with. And a 5%-plus yield is pretty nice, too.

But watch out. Don't fall in love with your money fund.

Sure, it's great to be getting a decent yield on your short-term money after years of earning almost nothing on it. In fact, as you can see in the chart below, rates were so low from the first quarter of 2020 through the first quarter of 2022 that the yield on money funds was significantly less than the dividend income of the S&P 500 index.

(The money fund and S&P yield figures are from Admiral shares of Vanguard's government money fund and S&P 500 index fund.)

That pattern has since reversed itself, of course. S&P 500 and government fund incomes became almost equal two years ago, when the Fed started increasing rates, and money funds now yield about four times as much.

It's really comforting to see the nice, high, reliable income from your money fund. But it's a mistake to consider it a permanent investment like stocks or bonds.

That's because, among other things, someday money fund yields will fall. And over the long term, returns on cash have been far lower than stock market returns. According to a recent Vanguard paper, global stocks earned about 6% more a year than cash from 1901 to 2022, and bonds earned about 1.6% more. Compound those differences for 20 or 30 years, and the difference is huge.

I started thinking about this a month ago, when I realized that as a longtime investor who likes to keep a nice cash cushion and now must take substantial required minimum distributions from his retirement accounts, I was starting to fall in love with my money funds.

Then a few weeks ago, I began talking with Vanguard, which had begun to warn people that investors who equated money fund holdings with long-term investments like stocks and bonds could get hurt.

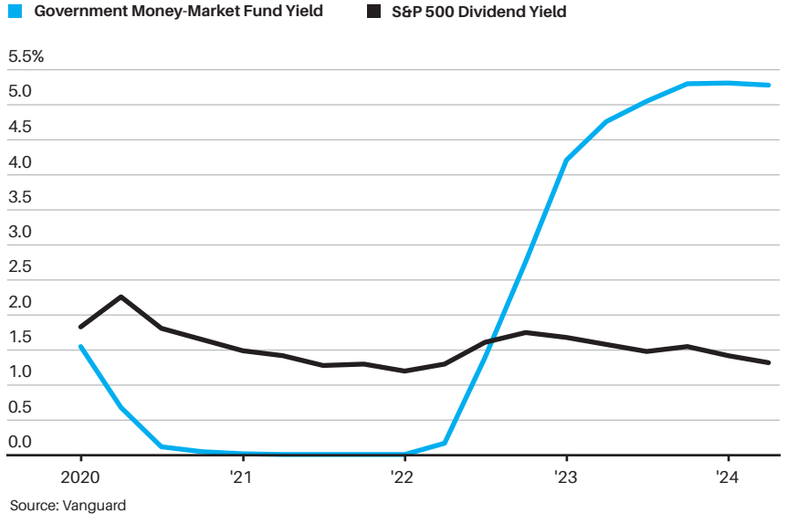
I was especially interested in this because suggesting to investors that they keep more money in stock funds and less in money funds goes against Vanguard's own commercial interest. For example, Admiral shares of Vanguard's S&P 500 and Total Stock Market index funds have a management fee of 0.04%, while its government money fund Admiral shares have a fee of 0.11%.

Vanguard says that because the firm is owned by its investors rather than by shareholders, its goal is to keep fund costs as low as possible, not to generate as much profit as possible.

In any event, you need to be careful not to be tempted by the safe money fund returns if you have a long time horizon. It's one thing to earn a nice return on cash. But don't be tempted to treat money funds as a long-term investment class like stocks and bonds. That would be a long-term mistake. B

What Goes Up Must Come Down

Yields on money-market funds are beating S&P 500 dividends, a return to the normal situation.



Source: Vanguard

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FUNDS

The Neuberger Berman Sustainable Equity fund follows the Warren Buffett model of owning high-quality companies with wide competitive moats.

This Fund Doesn't Own Nvidia. It's Still Beating the Market.

BY DEBBIE CARLSON

Don't call Daniel Hanson an ESG investor.

Hanson, senior portfolio manager of the $1.5 billion **Neuberger Berman Sustainable Equity** fund, is an acolyte of Warren Buffett and Benjamin Graham's investing style, which favors high-quality companies at undervalued or fair prices and holding them for the long term to benefit from compounding growth. As such, the fund seeks out companies that display high-quality hallmarks, such as high profit margins, low debt, consistent earnings growth, and strong management teams.

Hanson likes to use what he calls a "stakeholder lens" for his fund's holdings, which considers how a company treats its employees, customers, and its communities. He says it helps him identify intangible factors and long-term drivers of quality outcomes.

"Being customer-centric employers of choice, businesses that are viewed as positive to their communities—those all contribute to the flywheel of good business outcomes," says the New York City–based manager.

Hanson, 53, who celebrated his second anniversary at the fund this month, has already made an impressive mark. Sustainable Equity is up 9.1% so far this year, and is up 29.4% on a one-year annualized basis, handily beating both its peers' one-year return of 21.5% and the 24% gain of its benchmark, the S&P 500 index, according to Morningstar. That puts the fund in the top 7% of large-blend funds. Its three-year annualized return, which includes his predecessors' record, is up 7.4%, versus peers' gain of 6.8% and the S&P 500's 8.2% return. The A shares carry a 5.75% front load, which is waived at some brokers. Morningstar considers its 1.06% annual fee average.

Hanson, previously chief investment officer at Waddell & Reed and Ivy Investments, took over the Neuberger fund after his two predecessors retired. He prefers the term "sustainability" over environmental, social, and governance, or ESG, investing, as the acronym has become maligned and misunderstood and has an unclear definition.

Sustainability is broader than a simplistic score card, and it fits in with how Hanson's philosophy emulates Buffett, by owning high-quality companies with durable competitive advantages. Sustainability considers how managers run the business, attract and retain the best employees, create value for their customers, and use resources efficiently with a long-term focus. He says high-quality business practices deepen the competitive advantage, what Buffett calls a "moat."

Hanson also prefers strong management teams with an ownership mind-set that bring the intensity of a founder but also have cultures of candor and accountability. "This is age-old, classic, fundamental bottom-up investing," he says. "We want to know businesses inside out."

Hanson says his "North Star" is to own businesses that grow enduring value that shows up in financials like unit revenue growth; businesses with pricing power that shows up in margins. Moat matters. A company could be ethically run by strong managers, but if it operates in a highly competitive, commodity-type space, the competitive advantage won't last. "They're just different actors arguing over slices of a fixed pie," he says.

Since taking the helm, Hanson has shuffled the portfolio to add more high-quality growth names that reflect durable competitive advantage and high-quality business practices. Stock selection is important, but so is portfolio construction, and the two have equally contributed to performance, he says. Of the 38 names in the portfolio, he has increased the holding sizes of his highest-conviction names, with about 50% of the portfolio in the top 10 holdings. The fund's top 10 holdings previously had a 37% weighting.

Among the changes: increasing Sustainable Equity's position in now-No. 1 holding **Microsoft** from underweight to 9% and adding No. 2 **Amazon.com** and No. 3 **Berkshire Hathaway** in 2022. In 2023, it bought No. 7 semiconductor equipment maker **Applied Materials** and No. 8 brokerage firm **Interactive Brokers Group**. Another new name, although not in the top 10, was retailer **Costco Wholesale**.

Hanson took advantage of 2022's growth selloff to ramp up the fund's position in Microsoft and add Amazon. At the time, he says, Amazon's reduced valuation was driven more by fears over how its marketplace division would survive a possible recession than by concerns over Amazon Web Services, which drives most of its business. He picked up Applied Materials in late 2023 at a discount to intrinsic value and sees it as a way to play semiconductors' secular growth.

Sustainable Equity's portfolio construction reflects a barbell approach, with higher-growth, higher-valuation names such as Microsoft and Costco but also ones such as equipment-rental firm **United Rentals** and drug wholesaler **Cencora**—tangible-value-driven business models that trade at a discount to intrinsic value. Those names can better weather an economic cycle in which growth isn't in favor.

What the fund doesn't own is just as important as what it does. In 2023, Sustainable Equity matched the S&P 500's return, and it did it without owning **Tesla**, **Nvidia**, or **Meta Platforms**, three of the biggest-gaining Magnificent Seven stocks. Hanson admits that they're impressive companies, but they don't fit with his philosophy. He thinks the valuation ascribed to future growth and strong market share for Nvidia and Tesla are too high. And despite Meta's strong financials and founder-led attitude, Hanson says it doesn't align with his fund's ethos. "The DNA of the company is to, frankly, exploit the user. That is their business model," he says.

He isn't worried about whether interest rates remain elevated, noting that the fund's high-quality holdings weathered the rate hikes without difficulty. He's excited about artificial intelligence, given his positions in Microsoft, Amazon, and **Alphabet**. Yes, there's plenty of hype around the technology, but he's more comfortable owning large-cap names rather than up-and-coming companies with unproven tech. He disagrees that the AI hype is like the dot-com bubble of 2000, seeing differences in valuations, initial public offerings, merger and acquisition activity, and management sentiment.

"You don't have anywhere near the markers of the excesses as back then," Hanson says. B

Neuberger Berman Sustainable Equity

	Total Return		
	YTD	1-Yr	3-Yr
NRAAX	9.1%	29.4%	7.4%
Large-Cap Blend Category	5.9	21.5	6.8

Top 10 Holdings Company / Ticker	% of Assets
Mircosoft / MSFT	9.1%
Amazon.com / AMZN	8.2
Alphabet / GOOGL	6.8
Berkshire Hathaway / BRK.B	4.8
Mastercard / MA	4.8
Cigna Group / CI	4.0
Applied Materials / AMAT	3.7
Interactive Brokers Group / IBKR	3.4
GoDaddy / GDDY	3.1
Cencora / COR	3.0
Total	**50.9%**

Note: Holdings as of Feb. 29. Returns through April 15; three-year returns are annualized.
Sources: Morningstar, Neuberger Berman

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INCOME INVESTING

This Innovative ETF Seeks To Lower Your Tax Bill

BY AMEY STONE

Tax season is over, but the sting of paying a large bill on taxable income from your investments may still linger. In a previous column, we outlined broad strategies that investors could use to reduce the tax bill on income-generating investments. Now we want to focus on one specific exchange-traded fund that seems to have captured the tax-avoidance zeitgeist: the **Alpha Architect 1-3 Month Box** ETF, better known by its ticker, BOXX.

This niche fund launched in December 2022 and grew to $1 billion in assets by February of this year. Now, after generating some media attention, it is up to $2.3 billion in assets, according to Morningstar.

BOXX uses a low-risk options strategy known as "box spreads" to generate returns that match those of short-term Treasury bills, but it doesn't actually distribute any income. That allows investors who hold the fund for at least a year to pay a long-term capital-gains rate when they sell, as opposed to the income-tax rate. For people in the top federal bracket, that's a difference between being taxed 37% at the federal level or 20%.

So far, the strategy is working as hoped. The fund returned just over 5% in 2023 and is up 1.5% so far this year.

Alpha Architect CEO Wesley Gray, who co-founded the fund with Larry Lempert of Arin Risk Advisors, says the growth of the strategy has been quite surprising. "I don't think anyone in the boutique ETF space expects to get a billion in a month or two," he says. "But it shows that if you prove you add value, the market will respond."

But there's a rub. Box spreads are a long-standing institutional maneuver that entails placing opposing options trades with offsetting risks to reliably capture what money pros call the risk-free rate of return. Returns from index option trades are treated as capital gains. BOXX puts them into an ETF wrapper—ETFs can generally avoid taxable gains by doing in-kind transactions, unlike mutual funds—and adds a few twists so that the fund can reasonably expect to avoid making taxable distributions.

BOXX gets major props for creativity and bringing an institutional strategy to the masses, but the attention it has garnered has also brought out tax experts who have raised questions about whether the strategy can withstand scrutiny from tax officials. To date, BOXX has made no disclosures of queries from the Securities and Exchange Commission or the Internal Revenue Service.

Steve Rosenthal, a senior fellow at the Urban-Brookings Tax Policy Center, wrote in March that BOXX is generating "interest-equivalent income" and thereby investors should be required to pay tax as it accumulates. "BOXX violates both the letter and the spirit of the anti-conversion statute," he writes.

Bloomberg columnist Matt Levine headlined a Feb. 22 article, "Put the Money in the BOXX," but then, after readers raised tax questions, followed up a few days later with "Maybe Don't Put the Money in the BOXX?"

Aside from taxation, the options trades present some concern. "So far, it is doing well, but we need to see in a different market environment if it is able to deliver on objectives or not," says Lan Anh Tran, a research analyst at Morningstar, which does not currently rate the fund.

"My initial impression is that it is a creative strategy, but may end up being a strategy for most individual clients akin to picking up nickels in front of a steam roller," says Richard Daskin, president of RSD Advisors. "This sounds like a strategy best left to large institutional clients outside of ETFs. Right now, it is not something I would not use for my clients."

Alpha's Gray says he expects the strategy to be able to handle a lot more assets without running into problems in terms of options trading or pricing. B

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THE ECONOMY

The Chicago Fed's National Financial Conditions Index is as loose as it was in January 2022, two months before the Fed started increasing rates.

Financial Conditions Are Loose. There's No Need to Cut Rates Yet.



BY NICHOLAS JASINSKI

Confidence. Who couldn't use a bit more of it? That's true whether you're a job candidate entering a final-round interview, a baseball player stepping into the batter's box, or a Federal Reserve official on the lookout for signs that inflation is on a sustainable downward trajectory toward a 2% annual rate.

Unfortunately, confidence about cooling inflation is in short supply this year. Uncomfortably high price growth is sticking around longer than expected, economic growth continues apace, and there's no good cause for the Fed to lower interest rates in the near term, as numerous Fed officials, including Chair Jerome Powell, recently have suggested.

Futures markets have moved to price in fewer rate cuts by the Fed in 2024, and some economists have even posited that the central bank won't cut rates until 2025.

What's behind inflation's resilience? Loose financial conditions across the economy look to be one culprit, notwithstanding the insistence of Powell and other central bank officials that policy is restrictive.

By the numbers, they might be right: The so-called Taylor Rule, introduced by Stanford economist John Taylor in a 1993 paper, prescribes a current federal-funds rate target of around 4.75%, based on recent inflation and economic growth figures. That's lower than the Fed's current target range of 5.25% to 5.5%, and marks the first time in a decade that policy has been in restrictive territory by this measure, except for a brief period in 2020 when even a 0% fed-funds rate was restrictive for an economy in pandemic lockdown.

That's only in theory, however. In practice, real-world measures of financial conditions are solidly in easy territory today. The Chicago Fed's National Financial Conditions Index is as loose as it was in January 2022—two months before the Fed started increasing interest rates.

Updated weekly, the NFCI's 105 market- and survey-based inputs include bank lending standards; yield spreads on government, corporate, and mortgage bonds; levels of debt outstanding and new issuance; the U.S. dollar index; and, importantly, the level of the stock market.

The Fed directly controls only one of those factors, however, namely interest rates. Every corporation with a competent chief financial officer refinanced and termed out their debt before the Fed began increasing interest rates in 2022. Millions of homeowners are sitting on 30-year mortgages fixed at rates lower than what they're earning on their savings accounts. Solid earnings growth and excitement over artificial intelligence have pushed stock indexes to record highs. A structural shortage of housing in the U.S. is keeping home prices aloft.

The mere fact that the fed-funds rate is well above 5% doesn't tell the full story in the context of looser financial conditions practically everywhere else.

"We can't help but think that this massive loosening in financial conditions makes it a lot less likely that the data is going to do what the Fed is looking for in terms of weakening labor markets and lower inflation," write Jefferies strategists.

One area where conditions aren't so loose? Private markets such as venture capital. VC funding fell in 2023 to levels even below the Covid-era 2020 low, according to data from Termina.ai. It has moved sideways since then. "The flow of capital is stabilizing," says Arjun Sethi, Termina.ai's co-founder. "But the companies getting funding today tend to be more stable businesses with clear paths to profitability."

That's probably a healthy shift from the growth-at-any-cost days of 2021 and 2022, when investors would write checks first and ask questions later.

Elsewhere, the backdrop is more supportive: First-quarter corporate-bond issuance hit a record high, according to Bloomberg. "Easy financial conditions continue to provide a significant tailwind to growth and inflation," says Torsten Sløk, chief economist at Apollo Global Management. "As a result, the Fed is not done fighting inflation and rates will stay higher for longer."

Sløk expects no rate cuts in 2024. After another month or two of strong inflation and growth data, the market might move to price in a similar view. That could mean higher bond yields—and lead to a tightening in financial conditions.

There's another, more technical reason to expect tighter financial conditions later in 2024, says David Page, head of macroeconomic research at AXA Investment Management. Over the past year, the Fed's overnight reverse repurchase facility, or RRP, has been declining—adding cash to the banking system faster than quantitative tightening, or QT, has been pulling it out. That means liquidity has still been flowing, supporting borrowing, credit markets, and financial conditions.

The central bank is allowing $60 billion in Treasuries and $35 billion in mortgage-backed securities to mature monthly, without reinvesting the proceeds. The overnight RRP balance dipped below $400 billion last week, from around $2.4 trillion a year earlier—decreasing by some $167 billion per month, on average. At the current pace the facility will be depleted around the end of June.

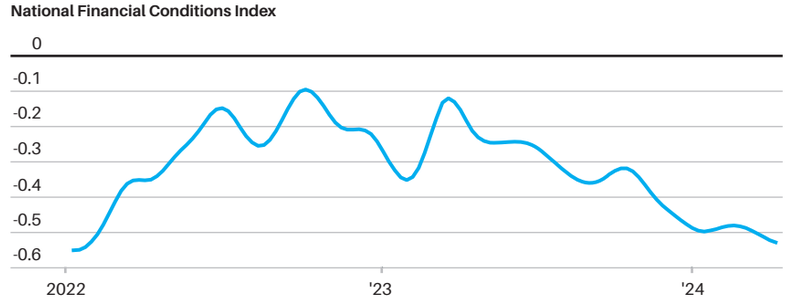
And at that point, QT will begin coming directly out of bank reserves, draining liquidity from the system. That's a reversal of the past year's dynamic and will be a headwind for risk assets of all kinds, Page says.

But Fed officials know it's coming and have begun discussing slowing the pace of QT. A plan could come as soon as at the policy meeting that ends May 1. For now, though, "this is just not an environment in which the Fed needs to be cutting for liquidity reasons," says Josh Emanuel, chief investment officer at Wilshire.

How's that for confidence? B

Round Trip

The Chicago Fed's measure of economy-wide financial conditions is as easy today as it was before the central bank began to increase interest rates in 2022.



Note: Positive values mean tighter-than-average financial conditions and negative values mean looser-than-average financial conditions.
Source: Federal Reserve Bank of Chicago

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Q&A

An Interview With Imaru Casanova
Portfolio Manager, VanEck

Gold Rally Has Unusual Drivers. It Isn't Over Yet.

BY JACK DENTON

John Maynard Keynes called the gold standard a barbarous relic, but the yellow metal recently has outshone far more modern assets.

The price of gold is up 15% this year to a recent $2,409, and has gained 22% since the Federal Reserve began raising interest rates in March 2022, a move that typically batters bullion. That's because higher bond yields present competition for gold, which has no yield.

Yet, gold's unorthodox rally is just one anomaly of late in the metals market, says Imaru Casanova, a portfolio manager specializing in gold and precious metals at VanEck. The firm offers exposure to gold through exchange-traded funds including the **VanEck Merk Gold Trust** (ticker: OUNZ), which gives investors the option to take physical delivery of gold in exchange for shares; the **VanEck Gold Miners** ETF (GDX); and the **VanEck Junior Gold Miners** ETF (GDXJ). It also offers precious-metals mutual funds.

A native of Venezuela and a mechanical engineer by training, Casanova joined VanEck in 2011 and became a deputy portfolio manager in 2014. Last year, she took over as manager of the firm's actively managed gold equity investment strategy, which includes the **VanEck International Investors Gold** fund (INIVX). The fund returned 9.7% in 2023, putting it in the top quartile of its equity precious-metals category, according to Morningstar, which currently ranks it four stars. This year, it is underperforming most peers, with a 5.24% total return.

Barron's spoke with Casanova on April 11 about the drivers of the current gold rally, and why she is bullish about gold, silver, and mining stocks. An edited version of the conversation follows.

***Barron's*: Gold has enjoyed a thunderous rally this year. How do current trends in the gold market compare with history?**

Imaru Casanova: The historical drivers of gold have been lacking in the recent rally. Since the October 2022 lows, strong performance hasn't come from the traditional centers of demand. For as long as I have been covering the sector, we have studied investment demand and tracked what gold-backed bullion ETF holdings are doing. Yet, investment demand and ETF holdings have been in persistent decline since April 2022. Previously, if you plotted ETF holdings versus the gold price, there would have been an almost perfect correlation.

So, what is driving gold prices higher, if not investment demand?

As investment demand declines, it has been more than offset by strong demand from central banks, which have been buying gold at unprecedented levels since 2022. Mostly, we're talking about emerging market banks: China, and then places like India and Turkey.



Photograph by BENEDICT EVANS

China has been buying gold as it reduces U.S. dollar exposure. It isn't a coincidence that the strength in gold began in 2022, when Russia invaded Ukraine. We know what happened to the rest of Russia's assets, but the country had about 22% of its reserves in gold. Other central banks were paying attention.

Asian consumers have also been buyers. We have seen zero interest in gold or gold equities from the West as the S&P 500 index has been making new highs. But in China, the economy is weak, and investors have clung to gold in physical form as a shelter.

Why are central banks and other investors buying gold right now?

Protection against inflation, volatility, and geopolitical risks. Heightened geopolitical risk has always been and continues to be supportive of gold. There is also a de-dollarization theme, and central banks are diversifying.

Another driver has been the Federal Reserve. For the past couple of years, investors said, "Why would we be looking at gold if the Fed is embarking on a tightening program and raising interest rates? Higher rates tend to be negative for gold." In fact, well before the Fed paused interest-rate hikes, gold took off in anticipation of eventual rate cuts.

How can gold prices be so high in this environment of generationally high interest rates?

A rise in the gold price while rates are rising is a disconnect in the usual relationship, and the key factor is inflation. Let's not forget that inflation reached almost double digits in 2022, and the recently released consumer price index report for March showed an uptick in inflation. Gold historically does well during inflationary periods.

What is your gold-price outlook?

One reason we are so positive is because the historical driver of prices has been absent. Geopolitical risk is increasing, the Fed is still expected to cut rates, and Western investors are going to start looking to hedge their portfolios. When investors look to add protection and diversification, we expect gold and gold equities to benefit. Gold is at peak prices, yet investment demand isn't even close to peak levels. If that demand comes back, we can easily justify a price of $2,600. That makes me really bullish.

If inflation persists but Fed rate cuts are seen as coming eventually, and ETF holdings are historically trailing, maybe the real rally hasn't started yet?

Western investors are still on the sidelines. When these investors come back, that's when the rally will accelerate. You also wonder how price-sensitive central banks are, and what we have seen is that they aren't. That said, we're prepared for things to pull back a little and settle down until another catalyst emerges. The most obvious one would be the return of Western investors, but it could also be a black swan event. Gold historically responds to global events that threaten financial stability.

What will drive Western investors back to gold?

How high do prices have to get? We have seen markets pay more attention, but it's going to take a real pullback in the broader equity market to drive investors to gold. We need to see investors feel the pain of lacking diversification. The Fed's announcement of a rate cut could also be a catalyst, but that would be perceived as positive for the broader market, as well.

How should gold fit into a portfolio, and how do you approach allocation, both in terms of size and different types of exposure?

Investors shouldn't try to time the market. They should make gold a core component of their portfolio because gold has historically offered improved risk-adjusted returns. It is hard to talk about the benefits of gold if you have a portfolio allocation of much less than 5%. Your allocation probably shouldn't be more than 10%, but it depends on your profile.

The next layer is how you get exposure. Investors should consider not just gold bullion but also equities. On the bullion side, if you really sleep better at night having gold in a vault, go ahead. But I believe that bullion-backed ETFs serve you just as well.

Investors need to understand that gold equities are a leveraged play. When gold is up 1%, you'll see stocks up 3% to 5%, and that works in reverse on the way down. The stocks are volatile and have risks that gold doesn't—geopolitical, technical, geological, financial. Expected excess returns come with higher risk. Investors might want a blend of bullion and equities.

Gold-mining stocks have been dead money in recent years. What is the bullish case?

We have been flagging the lag between the metal and the equities for some time now. We expect things to mean-revert, and that's what we are starting to see. In March, gold was up 10% and the stocks were up about 20%. Gold is well above its prior peak. The stocks peaked around 2011. They would have to double from here to get to their prior peak. That shows how undervalued this sector is.

How confident are you in the miners as businesses?

Valuations are so low that we have a lot of ground to cover, but these companies are also in good shape. Balance sheets are strong. Hedge books are almost nonexistent. Costs to produce gold are about $1,400 an ounce. Costs have increased significantly, and that has affected sentiment. With gold potentially much higher from here, we might get a 3% to 5% increase in costs in 2024, but that will be more than made up for by the strength in gold prices.

These companies are generating a lot of free cash flow, and we don't expect costs to blow out. These companies are well managed and should see significant margin expansion. And where does all of that cash go? Some of it gets returned to investors, and some gets put to work in growth and acquisitions. In the previous gold bull market, companies destroyed a lot of value by not caring about costs in acquisitions. Now we are encouraged by their discipline.

Which mining stocks do you like?

Alamos Gold is a top holding and has been a good example of discipline, delivering growth and value accretion. We also like the royalty and streaming companies. It's a brilliant business model. [Royalty and streaming companies fund mines in exchange for future payouts.] Within that category, our top names are **Wheaton Precious Metals**, **Royal Gold**, **Osisko Gold Royalties**, and **Franco-Nevada**. Wheaton also has silver exposure.

Other precious metals have also rallied, especially silver. What is your outlook?

Silver is like gold and has historically traded based on the same fundamentals. It has been lagging behind gold over the past couple of years, which makes me bullish because it has the potential to catch up, and it has started to do that. What makes silver unique is that it also has an industrial component that is a pretty big chunk of total demand. Silver is used in solar cells, and the growth of that industry is a bullish story for silver, but there are a lot of applications. If the global economy picks up, silver will feel it and could have downside protection compared with gold. Usually a strong economy isn't the best environment for gold, but it could support silver.

Some investors might consider Bitcoin a store of value to rival gold. Is it a competitive threat?

Emerging markets with younger investors seem to be more attracted to Bitcoin than developed nations and older demographics, which see more appeal in gold. We always get asked if Bitcoin is stealing demand from gold, and there probably is some of that.

I suppose younger investors might consider Bitcoin instead of gold, but I struggle to think there is much overlap. Gold as an asset class historically has had a well understood and defined role and track record. Bitcoin offers an alternative that makes it similar to gold as an asset class, but it's young. It also doesn't have the track record to compete with gold as a haven, an inflation hedge, and a geopolitical hedge.

Thank you, Imaru. B

"Western investors are still on the sidelines. When these investors come back, that's when the rally [in gold] will accelerate." **Imaru Casanova**

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TECH TRADER

Netflix said it would stop reporting the number of its subscribers in 2025. Its co-CEOs downplayed the news. The Street is skeptical.

Netflix Is Going Dark On Subs. Investors Are Getting Skittish.



BY ERIC J. SAVITZ

Netflix did something this past week that I suspect it will come to regret.

Every earnings season, one of the single most closely watched metrics is the number of net new Netflix subscribers. Beyond even revenue and profits, it is the one number that most reliably predicts how the streaming video giant's shares will respond to quarterly results.

For instance, in the four trading days in January after Netflix reported fourth-quarter earnings, the company's share price rallied 17%, despite reporting revenue in line with its own guidance and profits that missed by a few pennies. Why? Because Netflix added 13.1 million net new subscribers, well ahead of the company's own forecast for 8.7 million net adds.

To be clear, Netflix has been hinting for a while now that it would like to tamp down the Street's focus on subscriber growth. In late 2022, the company announced it was ending its practice of providing quarterly guidance on subscribers, although it continued to report the actual figure every quarter. But that's about to change.

While announcing March-quarter results, Netflix said that starting in 2025 it would stop reporting its subscriber count altogether. Both Netflix CEOs—Greg Peters and Ted Sarandos—downplayed the import of the news. Investors seem unconvinced.

Peters said on the company's post-earnings webcast that the change is motivated by a desire to focus on the key metrics that Netflix uses to measure its business, including revenue, operating income, per-share earnings, and free cash flow. The duo also noted that Netflix now has a wider variety of subscription plans at assorted price points, with some ad-supported and others not, and a more varied set of revenue sources. "We think this is a better approach that reflects the evolution of the business," Sarandos said.

Wall Street is not happy about this. What it suggests is that maybe there isn't going to be a lot more subscriber growth from here. Netflix has been driving growth in recent quarters with two initiatives: a crackdown on password sharing and the introduction of a cheaper, ad-supported subscription tier. That allows it to lure into the paid-subscriber pool potential subscribers who were either freeloaders or hesitant to pay up for an ad-free plan.

But the growth effects of those two moves seem destined to decelerate over time; there are only so many password borrowers to go after. In short, what it suggests is that Netflix's business model is maturing. This for a company trading for close to 30 times expected 2025 earnings, which through Thursday's close had rallied 82% in 12 months. No surprise that the stock fell almost 9% after the earnings report, despite results that topped estimates on all measures.

This situation echoes **Apple**'s decision in late 2018 to stop providing the Street with iPhone unit sales numbers. "A unit of sale is less relevant for us today than it was in the past given the breadth of our portfolio and the wider sales price dispersion within any given product line," Apple Chief Financial Officer Luca Maestri said on a November 2018 conference call. And here's an interesting thing: In fiscal 2018's fourth quarter, Apple sold 46.9 million iPhones. And while the number is volatile, depending on seasonal factors and product cycles, the Street consensus estimate for Apple iPhone units for the June 2024 quarter is 46 million.

In this week's cover story, I walk through companies big and small trying to compete with **Nvidia** in the artificial-intelligence chip market. What that piece doesn't address is the host of things you can do with the combination of superpowerful chips and multibillion-parameter larger language models.

Meta Platforms, parent of Facebook and Instagram, this past week provided an illustration of just how capable AI models have become. Meta launched Llama 3, the most recent iteration of its family of open-source AI models, along with an updated version of Meta AI, a chatbot that for some months now has been embedded in most of the company's social-media platforms. On Thursday, Meta launched a web version of Meta AI, which puts the company in direct competition with the other leading chatbots: Google Gemini, OpenAI's ChatGPT, Anthropic's Claude, and the like.

I urge you to try Meta AI, and in particular its real-time image generation feature. You may have experimented with text-to-image services offered by **Adobe**, OpenAI, and Google, but this takes the experience to another level, updating the image on the fly while you are typing your query. Less than two years ago, the prospect of simply typing something into a text window and having it appear on screen seemed preposterous. With Meta AI, the image now changes before your eyes. It's simply stunning.

Now, to be clear, there are some limitations. You can't ask for images of real or historic celebrities—no Joe Biden, no Moses, no Queen Elizabeth. And there seem to be some limits on how many real-time images you can create in a 24-hour period, or at least that's what Meta AI said when I asked it the question. Meta isn't directly monetizing the site—there are no ads, and no subscription is required, though it works better if you log in with your Facebook account, which, among other things, remembers your previous queries. Meta AI says queries aren't shared with Facebook for ad targeting or other purposes.

One thing that's clear is that with AI, competitive lines are blurring. Cloud companies are now chip companies. Social-media sites look like search engines. Meta seems to be taking on Adobe, Google, and OpenAI all at once. The pace of change is breathtaking. And we're just getting started. B



Netflix's decision to stop reporting subscribers echoes Apple's plan in late 2018 to stop providing iPhone unit sales numbers. In late 2018, Apple sold 46.9 million iPhones. The June-quarter 2024 consensus: 46 million.

Gabby Jones/Bloomberg

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MARKET WEEK



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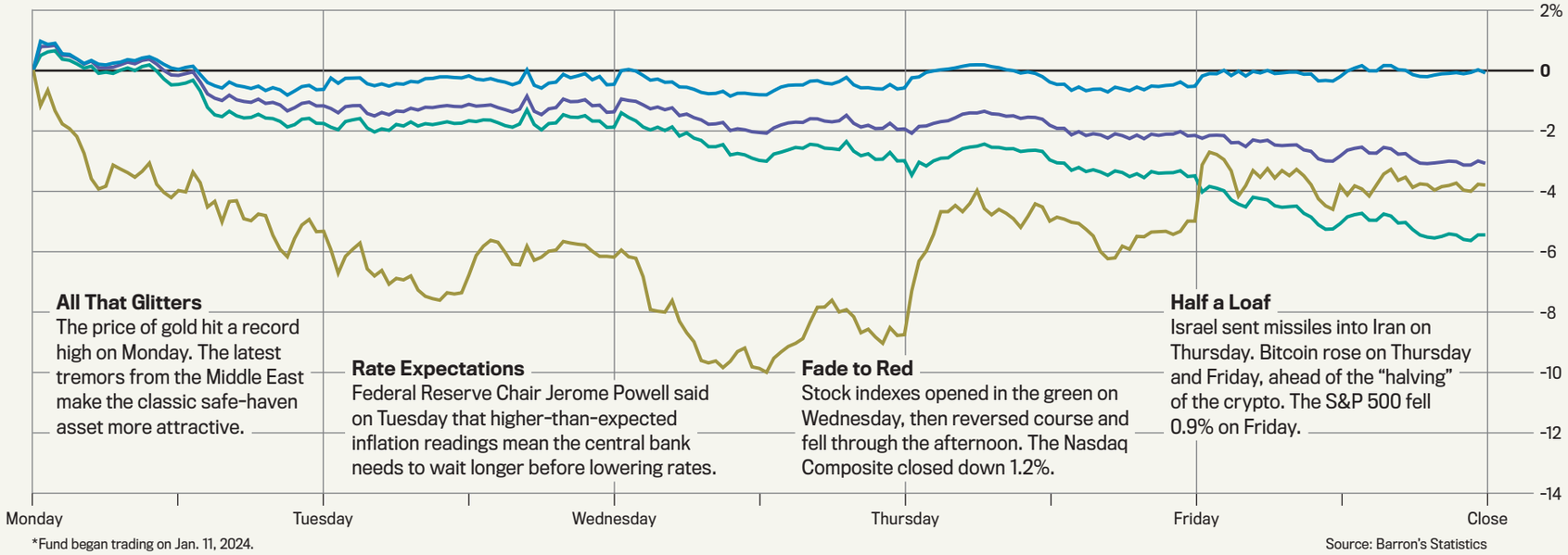
MARKET PERFORMANCE DASHBOARD

Dow Jones Industrials
37,986.40
52-wk: **+12.36%** YTD: **+0.79%** Wkly: **+0.01%**

S&P 500
4967.23
52-wk: **+20.17%** YTD: **+4.14%** Wkly: **-3.05%**

Nasdaq Composite
15,282.01
52-wk: **+26.59%** YTD: **+1.80%** Wkly: **-5.52%**

iShares Bitcoin Trust
$36.67
52-wk: **N/A** YTD*: **+37.70%** Wkly: **-3.85%**



*Fund began trading on Jan. 11, 2024.

Source: Barron's Statistics

THE TRADER

The S&P Can't Catch A Bid. Why It Can Keep Falling.



BY JACOB SONENSHINE

If only the stock market were stuck between jokers and clowns instead of sticky inflation and rising geopolitical tensions. Then the S&P 500 index might not have had such a bad week—and appear set for another one.

And boy, was it a bad week. The S&P 500 dropped 3% for its third consecutive week of declines, while the technology-heavy Nasdaq Composite fell 5.5%. The Dow Jones Industrial Average was essentially flat.

Worse than the drops themselves, every rally in the S&P 500 was sold during the week, with gains turning to losses by the end of the day. And that makes sense. While the S&P 500 is still up 21% from a late October low, investors now seem to realize that the economic and geopolitical landscapes have turned against them.

It starts with economic data, which are too darn strong. March retail sales rose a hotter-than-expected 4% year over year, up from February's 2.1% rise, adding to the concerns raised by Chair Jerome Powell and other Federal Reserve speakers that the economy is too strong to bring inflation down much more. Data like that would probably delay Fed interest-rate cuts. There's only a 16% chance of a rate cut in June, down from 56% a month ago, according to the CME FedWatch Tool. Those concerns were evident in the spike in the two-year Treasury note, which hit 5% on Thursday, a sign that rates are expected to remain higher for longer.

A more restrictive Fed would remove one tailwind that has helped stocks rally this year. Geopolitics adds a headwind. Between Iran's attack on Israel on April 13 and Israel's response on Thursday, investing almost feels like it requires a degree in game theory rather than finance. The potential for additional flare-ups could also help support oil prices, even if the price of Brent crude futures, the European benchmark, fell almost 4% this past week after hitting $90. Brent is up 13% for the year, and if it can trade meaningfully higher than $90, oil prices could contribute to inflation.

"Persisting inflation forces raise the risk that rates will need to stay higher for longer than expected," writes J.P. Morgan strategist Marko

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Kolanovic. "Inflation risks are also compounded by upside risks to oil due to geopolitical developments."

These issues won't resolve themselves overnight. And the longer they last, the more of a problem it will be for a stock market that looks pretty expensive. The S&P 500 is trading at 20 times 12-month forward earnings, well above its average of 16.5 since 2000.

The market's saving grace is that the economy and earnings are holding up. First-quarter gross domestic product, due this coming Friday, is expected to have grown by a very solid 2.9%, according to the Atlanta Fed GDPNow estimate, while S&P 500 earnings are expected to grow by 2%. The market, however, appears to be worrying about the probability of a hit to the economy. The S&P, after all, has dipped below its 50-day moving average. And when it does that, the index often goes on to drop at least another 5%, which happened in 2023 and twice during 2022.

The next major level of buying support, as has often been the case over the decades, is the S&P 500's 200-day moving average at 4671, a 6% drop from Friday's close. "A 'normal' pullback in a 'normal' nonrecession year tests the S&P 500's 200-day moving average," writes Evercore strategist Julian Emanuel.

Some dips should be bought. This one should be feared, at least for now.

8 Stocks With Pop Potential

The market is dropping—and it's time to go shopping for stocks that have been unfairly punished.

The S&P 500 is down just over 5% from its March 28 record closing high. Corrections in major U.S. indexes—a drop of 10% or more—are prone to happen every year, and there are plenty of signs that the market could be headed for one right now.

Fighting in the Middle East could push already elevated oil prices higher for some time—which could create broader inflation and, in turn, cause the Fed to forgo cutting interest rates altogether this year. The market is acutely aware that economic growth may slow and that corporate profit estimates could drop.

This means that investors should look for the strongest businesses that have become cheaper to own. If they prove to be as profitable as analysts expect, their shares could rise after earnings.

Barron's has identified a list of such stocks. We searched for names whose 2024 earnings expectations have either been revised higher by analysts or kept unchanged since late February, when aggregate earnings estimates for the S&P 500 began to fall. In order to be included, the stocks must also be down from their peak, signaling that they probably have been hit by the broader market decline. They also cannot have released their first-quarter calendar year earnings reports yet.

Our list features eight names: **General Motors**, **Whirlpool**, **Mattel**, **Seagate Technologies**, **Ameriprise Financial**, **Sherwin-Williams**, **Matador Resources**, and **Steel Dynamics**.

For Mattel, analysts' earnings-per-share estimates for the stock have remained stable since late February, according to FactSet, while EPS forecasts for the other names on our list have climbed 1.3% to 8.4%. Meanwhile, analysts' 2024 revised EPS estimates for the S&P 500 are now about 0.4% lower.

Sherwin-Williams trades at about $305, down 13% from its record closing price set in late 2021—and down from a multiyear peak of $347 in late March. Analysts have revised this year's EPS estimates up by 0.4%.

The strength mostly stems from sales. Analysts have lifted revenue estimates by a few million dollars, to $23.79 billion—representing about 3% year-over-year growth. That may not look exciting on the surface, but it reflects a sturdy business.

Sherwin-Williams announced price

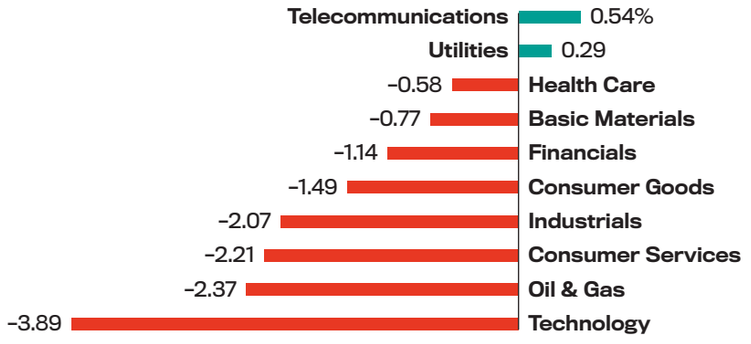
Vital Signs

	Friday's Close	Week's Change	Week's % Chg.
DJ Industrials	37986.40	+3.16	+0.01
DJ Transportation	15083.72	-414.39	-2.67
DJ Utilities	875.61	+20.70	+2.42
DJ 65 Stocks	12127.87	-51.04	-0.42
DJ US Market	1211.34	-38.67	-3.09
NYSE Comp.	17458.77	-180.27	-1.02
NYSE Amer Comp.	4834.86	-55.45	-1.13
S&P 500	4967.23	-156.18	-3.05
S&P MidCap	2836.88	-62.84	-2.17
S&P SmallCap	1253.80	-16.25	-1.28
Nasdaq	15282.01	-893.08	-5.52
Value Line (arith.)	9858.43	-186.19	-1.85
Russell 2000	1947.66	-55.52	-2.77
DJ US TSM Float	49376.46	-1563.46	-3.07

	Friday's Close	Week's Change	Week's % Chg.
Barron's Future Focus	1036.87	-26.95	-2.53
Barron's Next 50	3055.06	-134.38	-4.21
Barron's 400	1095.28	-20.49	-1.84
	Last Week		**Week Earlier**
NYSE Advances	904		438
Declines	2,001		2,481
Unchanged	36		26
New Highs	45		225
New Lows	173		94
Av Daily Vol (mil)	3,810.2		3,599.5
Dollar (Finex spot index)	106.12		106.04
T-Bond (CBT nearby futures)	114-20		116-07
Crude Oil (NYM light sweet crude)	83.14		85.66
Inflation KR-CRB (Futures Price Index)	298.15		297.87
Gold (CMX nearby futures)	2398.40		2356.20

Industry Action

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



Source: S&P Dow Jones Indices

increases on its January earnings call, and Evercore wrote in a recent note that it should continue to demonstrate strong pricing power. While existing-home sales in the U. S.—which are key for the broader paint business—may not grow much in 2024 amid high mortgage rates, the company can continue to grow its market share.

As for costs, Sherwin-Williams said in January that its raw materials costs should drop, while the cost of transportation and other items will rise moderately. The company has recently been buying back stock, reducing its share count, so earnings per share are now expected to grow just over 10% this year to $11.46. Investors will learn after Tuesday's close whether the company's forecast growth is a reality.

It's a difficult time to find promising bets. The eight stocks on *Barron's* list could well fit the bill—and then some.

A Stock With Good Chemistry

Air Products and Chemicals has had a tough start to the year, but its stock is now too cheap to ignore.

"Tough" might not be doing Air Products' decline justice. Shares have dropped 15% in 2024, to $231, with a big chunk of that loss coming in February after the chemical company reported first-quarter earnings that missed expectations by a wide margin. Management also cut its full-year earnings guidance to $12.65 at the midpoint of its range, while noting that weakness in China was weighing on revenue.

That puts the second-quarter report—out on April 30—in the spotlight. Analysts are forecasting sales of $3.05 billion, down from $3.2 billion during the same quarter in 2023, with earnings dipping to $2.70 a share, down from $2.74, as falling production costs are outweighed by higher interest expenses. Numbers like that would put the company well short of its full-year guidance, but the market seems OK with that—analysts have projected rising sales and earnings during the third and fourth quarters of this year.

That narrative seems reasonable. Analysts expect sales for the full year to grow just 1.8%, with Asia industrial gases' revenue projected to grow 3.2%, not a big reach, given that China's first-quarter GDP grew faster than expected. Plus, the company has traditional hydrogen projects in other regions, such as Saudi Arabia and Uzbekistan, that should add revenue. These projects have just begun to generate sales and are expected to continue to ramp up for the rest of this year.

"We expect incremental volume growth as some of these projects continue to ramp, which should help to offset the ongoing headwinds in Asia," writes Wells Fargo analyst Michael Sison.

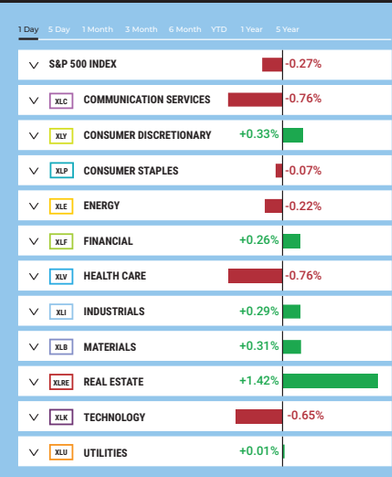
Investors will also be watching to see what the company says about the demand for clean hydrogen. In its 2023 10-K, released in November, Air Products said that it will invest more than $5 billion this year in new projects devoted to the fuel. That's a lot to spend on a chemical that has essentially no demand at this point. Still, McKinsey estimates that sales of tens of millions of tons by 2030 isn't out of reach. Any sign that the company is locking in contracts and strong pricing with clean-hydrogen customers could lift the stock, according to Vertical Research Partners analyst Kevin McCarthy, who calls clean hydrogen a key focal point.

All of this isn't a perfect setup for Air Products shares, but valuation is working in its favor. At about 17 times 12-month forward earnings, the stock is rarely this cheap. Its current price/earnings ratio is well below its five-year average of 24.5 and near its lowest level since 2016. That's a lot of bad news reflected in the stock.

Just a little bit of good news on April 30 should send shares higher. B

WHAT'S MOVING THE MARKET?

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The S&P 500 is an index of 500 common stocks that is generally considered representative of the U.S. stock market. You cannot invest directly in an index.

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INTERNATIONAL TRADER

For Samsung, Being No. 2 In Chips Isn't a Bad Deal

BY CRAIG MELLOW

Samsung Electronics is going big in Texas—real big. The South Korean tech giant got a U.S. Commerce Department Chips Act grant of up to $6.4 billion this week, to fuel investment north of $40 billion just outside Austin—if all goes according to plan.

Samsung's U.S. ambitions echo those of rival **Taiwan Semiconductor Manufacturing** in neighboring Arizona. But investors are treating the two companies much differently.

Samsung has been the laggard as artificial-intelligence fever sweeps the global semiconductor industry. Its shares have gained 20% over the past year, compared with a 60% jump for TSMC, which dominates the manufacture of so-called logic chips. Samsung's chief competitors in memory chips, fellow Korean **SK Hynix** and Idaho-based **Micron Technology**, have both nearly doubled.

There's good reason for the underperformance. Samsung still runs a distant second to TSMC in logic, despite pouring some $50 billion into its foundries over the past few years. It ceded the lead in cutting-edge high-bandwidth memory to SK Hynix, which is supplying the most advanced designs of industry darling **Nvidia**.

"Samsung is firmly in last place in HBM technology and well behind TSMC in logic," says Dylan Patel, chief analyst at SemiAnalysis.

Some investors like Samsung stock anyway.

Cutting edge isn't everything for a company pushing $200 billion in annual revenue. Samsung's bread-and-butter DRAM and NAND memory chips should rebound this year after a glut that cratered prices up to 70% in 2022-23, says James Lim, a partner at Dalton Investments.

"Memory will allow Samsung to continue outgrowing the broader semiconductor market," echoes Andrew Keiller, an emerging market investment specialist at Baillie Gifford. "We see 8% to 10% revenue growth at slightly improving profitability."

Governance at Samsung also looks better than average for a Korean *chaebol*, though that's admittedly a low bar. Executive Chairman Lee Jae-yong (anglicized as Jay Y. Lee), who still calls the shots for the founding family, was acquitted of his latest criminal charges—manipulating stock prices in a 2015 subsidiary merger—in February.

Lee and his sisters are in their 50s, young enough not to be nudging Samsung's stock price lower to minimize Korea's 60%-ish inheritance tax, a common *chaebol* strategy, Lim says. On the contrary, they have pledged company shares in a settlement to pay their own taxes. They benefit as the stock rises.

Leads can change hands in the ever-evolving semiconductor field. Samsung is looking to leapfrog SK Hynix in high-bandwidth memory with so-called HBM 3E technology, due to roll out this year and next, and even challenge TSMC with "gate all-around," or GAA logic chips. GAA chips at four nanometer thickness could be rolling off Texas assembly lines as early as 2026, Lim says.

Samsung's greatest strength, though, may be that semiconductors are too essential to be a winner-takes-all industry, and too expensive and complicated to admit many competitors. The company can keep churning out profits and growth as a solid No. 2 across various product lines. "The whole world really needs Samsung to succeed right now," says Igor Tishin, a tech analyst at Harding Loevner. "There's too much reliance on TSMC and Hynix."

Jensen Huang, the Nvidia CEO and tech demigod of the moment, seemed to underline this point himself last month, telling Nikkei Asia, "I value our partnership with SK Hynix and Samsung very incredibly."

Samsung shares have climbed 11% since then. The game isn't over for the Korean powerhouse yet. B

THE STRIKING PRICE

Investors could consider a two-pronged options strategy that seeks to turn fear of a wider Mideast war into a long-term opportunity.

Moves to Make Before a Broader War Breaks Out

BY STEVEN M. SEARS

Fear equals opportunity. The greater the fear, the greater the opportunity.

This cold calculation reflects how markets behave when investors are scared by military conflict, terrorism, and similar events that lower the value of financial assets.

All investors should consider how they will handle the aftermath of Iran's missile attack against Israel. The world's great powers urged Israel not to respond, but it opted to defend itself and strike back.

Hedging in reaction to the Israeli counterstrike is probably not cost-effective. The attacks, coupled with concerns about inflation and delayed interest-rate cuts, have already increased the price of bearish put options, which rise when stock prices decline. Anyone who hedges now will almost certainly buy puts that are so richly priced that stocks would have to sharply plunge for them to prove profitable.

Instead, investors might consider a two-pronged reactive strategy that seeks to turn investor fear of World War III—a phrase trending on social media—into a long-term opportunity. The approach, of course, makes sense only if you think that World War III won't erupt, even if Iran and Israel escalate their attacks against each other.

If the stock market sharply declines on geopolitical news, investors could consider buying bullish call options, which increase in value when stock prices rise, on the **SPDR S&P 500** exchange-traded fund (ticker: SPY) with strike prices that are about 5% above the market and that expire in three months.

Investor fear is all but certain to spike in the midst of a sharp market decline, and that would drive up the price of puts and drive down the price of calls. The reflex probably strips the calls of any "greed premium" and makes them as reasonably priced as the puts would be obscenely priced.

The call purchase offers exposure to a potential snapback rally, which would probably occur should a detente follow any military action.

With SPY at $495.16, investors could buy the July $519 call for about $6.85. If the ETF is at $550 at expiration, the call is worth $31. The trade fails if the ETF is below the call strike price at expiration, which could happen if the conflict between Iran and Israel sparks a broader war that involves other nations.

Should fears of World War III spread, investors all over the world will buy puts to hedge their portfolios. This would almost certainly push the Cboe Volatility Index, or VIX, to sharply higher levels, and the implied volatility of S&P 500 component stocks should follow. The fear creates an opportunity to use our time-arbitrage strategy of trading short-term options to benefit long-term investments.

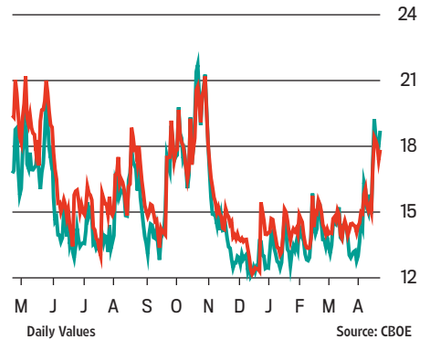
The approach is simple and often effective. Pick a stock that you own, or want to own, and that you are willing to hold for a minimum of three to five years or ideally longer. As the market tanks and it seems chaos will engulf the political and diplomatic worlds, sell puts on favored stocks.

Consider **Dell Technologies**, a maker of PCs and enterprise computer hardware in the burgeoning artificial-intelligence revolution. With Dell at $114.87, investors can sell its May $105 put to position to buy the stock at an effective price of $103.10 (the strike price minus the premium received for selling the put).

Should the stock remain above the put strike price, investors can keep the premium. The risk is that the stock plummets far below the strike price, forcing the seller to buy the stock at the strike price or to adjust the position to avoid assignment. Consider this approach only if you are comfortable making decisions when the markets, and the world, are engulfed in chaos and fear. B

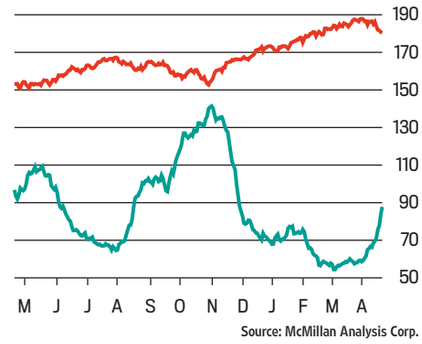
Equity Options

CBOE Volatility Index



Daily Values Source: CBOE

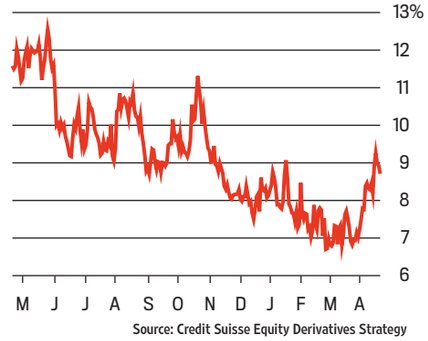
The Equity-Only Put-Call Ratio



Source: McMillan Analysis Corp.

SPX Skew

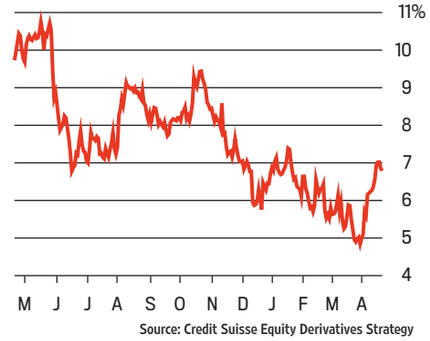
Implied volatility %



Source: Credit Suisse Equity Derivatives Strategy

NDX Skew

Implied volatility %



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
Bentley Systems	BSY	21878	21081	797	408	52	53.6
Red Cat	RCAT	3266	2816	450	176	63	18.6
RXO	RXO	3905	118	3787	236	73	16.5
Frontier Communications	FYBR	30462	1166	29296	2484	73	12.3
J. B. Hunt	JBHT	35867	7356	28511	2984	19	12.0
Piedmont Lithium	PLL	30722	16954	13768	2772	98	11.1
Tesla Bear 1x ETF	TSLS	8726	8182	544	1300	73	6.7
Travelers Cos.	TRV	25997	9731	16266	4116	9	6.3
Interactive Brokers	IBKR	24440	14709	9731	4124	15	5.9
Live Nation	LYV	38851	26344	12507	6864	45	5.7
Equifax	EFX	11648	3656	7992	2200	31	5.3
Ocular Therapeutix	OCUL	8921	3281	5640	1708	63	5.2
Coupang	CPNG	228256	169092	59164	44932	31	5.1
Synovus Financial	SNV	10011	3337	6674	2012	23	5.0
Avadel Pharmaceuticals	AVDL	26243	22904	3339	5436	13	4.8
Prologis	PLD	35822	12629	23193	7408	64	4.8
PowerSchool	PWSC	3796	2029	1767	784	54	4.8
Las Vegas Sands	LVS	214588	94211	120377	51172	8	4.2
Pacific Biosciences	PACB	29642	20183	9459	7280	94	4.1
United Airlines	UAL	824699	386408	438291	216076	40	3.8

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

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INSIDE SCOOP

Lennar Director Amy Banse Bought Up Shares

BY ED LIN

Lennar stock has been underperforming the market, and one of the home builder's directors just scooped up shares.

Lennar is one of the three largest home builders in the U.S. Its shares have gained less than 2% so far this year, lagging behind the **S&P 500**, and shares of **PulteGroup** but outpacing those of **D.R. Horton**. Lennar topped earnings estimates for the fiscal first quarter ended on Feb. 29, but weak guidance sent shares sliding. The entire group is facing the prospect of higher-for-longer interest rates, not good news for mortgage rates.

Lennar director Amy Banse paid $247,300 on April 10 for 1,575 Lennar shares, an average price of $157 each. According to a form she filed with the Securities and Exchange Commission, Banse now owns 12,722 Lennar shares in a personal account, and another 165 shares through a trust.

Lennar didn't respond to a request to make Banse available for comment on the stock purchase. A Lennar director since 2021, Banse is a former managing director and head of funds for **Comcast**'s Comcast Ventures unit.

She last purchased Lennar stock in October 2023, when she paid $100,000 for 920 shares, an average price of $108.71 each.

Wedbush analyst Jay McCanless lifted his price target on Lennar stock to $144 from $130, and raised estimates after the first-quarter report. McCanless reiterated a Neutral rating on the shares, and noted that the new price target used the same valuation multiple as the old target. B

Lennar director Amy Banse bought about $250,000 worth of shares of the home builder on the open market. The stock has been trailing those of peers.

Fund Bets on Groceries As Inflation Persists

Alaska Permanent Fund tripled its investments in shares of **Walmart** and **Kroger**—the respective No. 1 and No. 2 players in terms of their share of the U.S. grocery market—in the first quarter.

It disclosed the stock trades, among others, in a form it filed with the Securities and Exchange Commission. Alaska Permanent didn't offer a comment for this story. Created in 1980, it manages about $78 billion in assets, with about $27 billion of that in stocks.

The fund bought 22,400 more Walmart shares in the first quarter to lift its investment to 31,500 shares.

Strong earnings and news that Walmart was buying the smart-TV maker **Vizio** lifted the retailer's shares to a record intraday high of $61.66 in March. Although Walmart sells many things other than food, its grocery sales in 2023 were more than twice Kroger's.

Kroger is trying to bulk up by buying **Albertsons**, a rival grocer, but the Federal Trade Commission has sued to block the deal. Kroger says the FTC's decision makes it more likely that America's consumers will face higher food prices and that there will be fewer grocery stores. Albertsons has said the combined company would be a stronger competitor against the grocery operations of Walmart, **Amazon.com**, and **Costco Wholesale**.

Alaska Permanent bought 19,200 more Kroger shares to end the first quarter with 29,200 shares. B

Increases in Holdings

MasterCraft Boat Holdings
Coliseum Capital Management increased its stake in the boat manufacturer to 2,224,284 shares. Coliseum purchased 222,873 MasterCraft Boat Holdings shares from March 14 through April 11 at prices ranging from $20.66 to $22.05 apiece. Following the purchases, Coliseum now owns 13.1% of MasterCraft Boat Holdings' outstanding stock. Shares have lost roughly 5% year to date.

Decreases in Holdings

SentinelOne
Insight Venture Partners X reduced its stake in the cybersecurity firm to 24,146,230 shares. That figure consists of 18,873,681 Class B shares and another 5,272,549 Class A shares. Class B shares carry 20 votes each, and the Class A shares carry one vote each; Class B shares, which don't trade publicly, can be converted into Class A shares in order to be sold. Insight Venture converted 8,610,919 Class B shares into an equal number of Class A shares, and sold 3,500,000 Class A shares from April 1 through April 9 at prices ranging from $22.01 to $23.36 apiece. Following the sales, Insight continues to own 8.2% of SentinelOne's outstanding stock. Shares of SentinelOne have lost roughly 13.1% during the year.

TD Synnex
Apollo Management exited its stake in the technology distributor through the sale of 5,309,299 shares at $114.20 apiece in a secondary public offering on April 9. Apollo Management acquired a 45.4% stake in TD Synnex in September 2021, and began offloading shares aggressively in January 2024. Apollo Management has now sold 28,403,049 TD Synnex shares this year at prices ranging from $100.50 to $114.20 apiece. Following the latest sale, Apollo Management no longer owns any TD Synnex shares, which have gained roughly 7.4% during the year.

Phathom Pharmaceuticals
Takeda Pharmaceutical reduced its stake in the clinical-stage biopharmaceutical company to 2,790,480 shares. Takeda sold 362,737 Phathom Pharmaceuticals shares from April 1 through April 9 at prices ranging from $10.50 to $12.25 apiece. Takeda has been offloading its Phathom stake aggressively since January, with sales of 4,306,069 shares from Jan. 24 through March 28 at prices ranging from $8.10 to $11.40 apiece. Following the sales, Takeda owns 4.8% of Phathom Pharmaceuticals' outstanding stock, below the 5% threshold that would require Takeda to report further sales. Shares have gained approximately 10.1% year to date.

Enliven Therapeutics
5AM Venture Management lowered its stake in the oncology-focused biotech to 2,835,875 shares. 5AM Venture Management did so through the sale of 1,000,100 Enliven Therapeutics shares on April 10 and April 11 at per share prices ranging from $20.28 to $24.51. Following the sales, 5AM Venture Management continues to own 6.1% of Enliven Therapeutics' outstanding stock. Shares have gained roughly 35% during the year.

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 April 11 through April 17, 2024. Source: **VerityData (verityplatform.com)**

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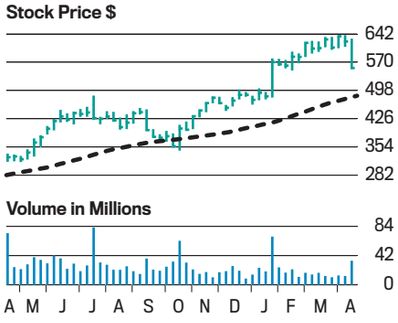
CHARTING THE MARKET

A graphic look at selected stock activity for the week ended April 19, 2024
Edited by Bill Alpert

Netflix

NFLX (NASD) • $555.04 • -67.79

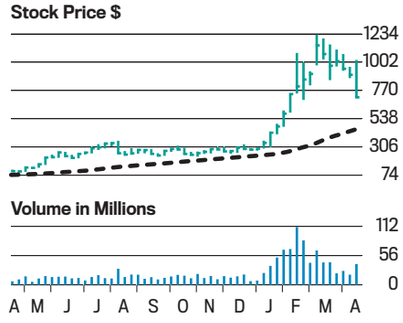
While March-quarter subscriber growth was good, the streaming service will stop reporting those numbers. Its June guidance disappointed.



Super Micro Computer

SMCI (NASD) • $713.65 • -184.84

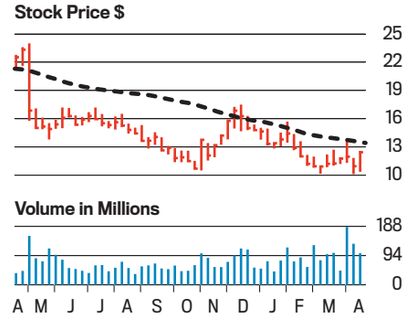
Pricey stocks rest on tenterhooks. When the computer firm didn't preannounce a March earnings beat, like prior quarters, traders assumed the worst.



Paramount Global

PARA (NASD) • $12.44 • 1.48

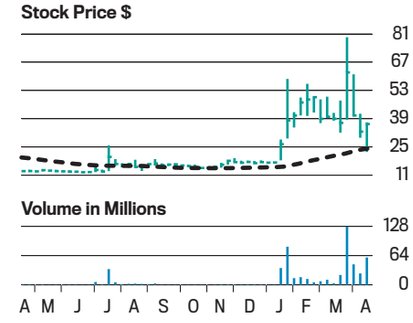
Sony may join Apollo Global Management in trying to buy out the movie studio, said the New York Times. Paramount is in merger talks with SkyDance Media.



Trump Media & Technology Group

DJT (NASD) • $36.38 • 3.79

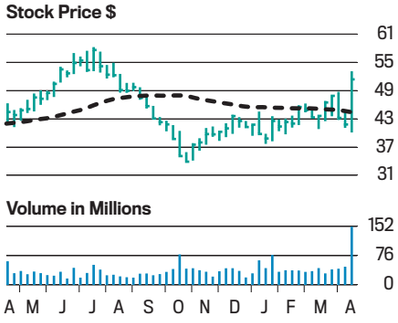
Trump's media platform urged shareholders to squeeze those shorting the stock. Its chief executive claimed "naked" shorts sold without borrowing.



United Airlines Holdings

UAL (NASD) • $51.38 • 9.58

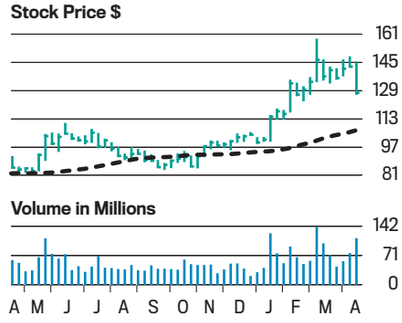
Reporting a March loss of 15 cents a share, instead of the feared 58 cent loss, the airline expects to earn about $4 a share in June, and $10 for the year.



Taiwan Semiconductor

TSM (NYSE) • $127.70 • -14.82

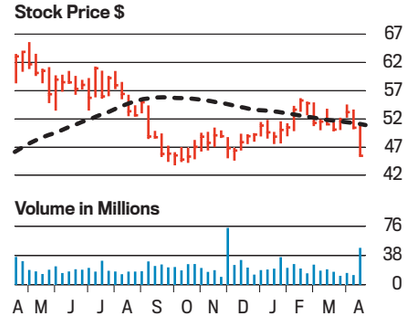
March-quarter sales rose 13% and lifted profits 9% at the big contract chip maker. Computer demand is good, but it foresees weak auto industry orders.



Las Vegas Sands

LVS (NYSE) • $45.46 • -4.97

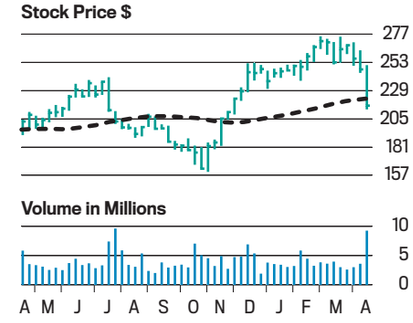
While the casino firm's revenue rose 40%, yielding 75 cents a share in cash profit, its Macao property missed forecasts. They blamed renovation work.



Equifax

EFX (NYSE) • $216.20 • -30.79

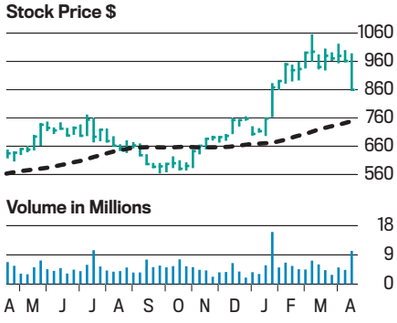
The credit-scoring service forecast June-quarter revenue below Wall Street's models. It expects an 11% drop this year in mortgage credit checks.



ASML Holding

ASML (NASD) • $859.54 • -102.30

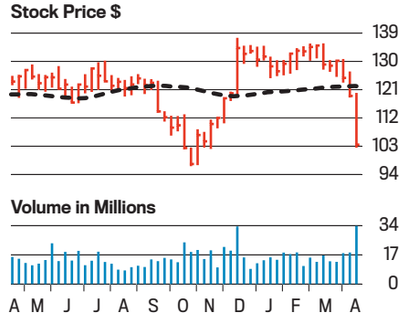
The Dutch supplier of systems for etching computer chips booked $3.8 billion in orders in its March quarter. Analysts had expected $5.4 billion.



Prologis

PLD (NYSE) • $103.49 • -15.51

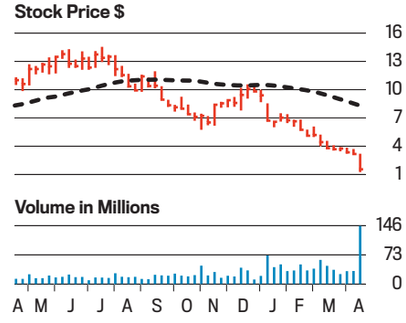
Funds from operations in 2024 could be near $5.40 a share, instead of the previously-expected $5.50, said the warehouse real-estate investment trust.



Pacific Biosciences of California

PACB (NASD) • $1.55 • -1.62

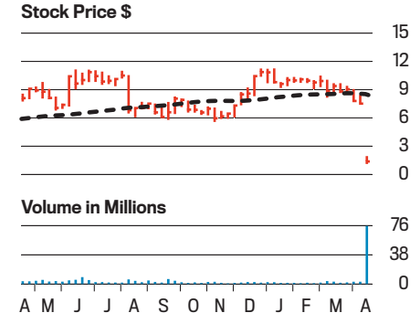
Weak March-quarter sales of its newest system led the gene sequencer to lower its 2024 sales guidance to around $185 million, from $240 million.



Marinus Pharmaceuticals

MRNS (NASD) • $1.38 • -6.14

Data monitors in the firm's Phase 3 trial of a seizure drug did not see effects strong enough to call an early end to enrollment. Marinus will trim spending.



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. If the close from the current week is lower than a year ago the graph will be presented in red. If the close from the current week is higher than a year ago then the graph will be presented in green.

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WINNERS & LOSERS

Saturday Inbox: Sign up for the Market Lab Newsletter every Saturday at Barrons.com/newsletters

NYSE Biggest % Movers

Winners

Name (Sym)	Volume	Close	Change	%Chg.
KukeMusic(KUKE)	960	2.81	+0.62	+28.3
YatsenHolding(YSG)	2167	3.75	+0.74	+24.6
AMC Ent(AMC)	115956	3.16	+0.51	+19.2
BadgerMeter(BMI)	1754	176.78	+23.87	+15.6
CoreCard(CCRD)	323	11.88	+1.48	+14.2
UnitedHealth(UNH)	41420	501.13	+61.93	+14.1
MetropolitanBk(MCB)	632	39.06	+4.59	+13.3
GlobeLife(GL)	25975	66.74	+7.65	+12.9

Losers

Name (Sym)	Volume	Close	Change	%Chg.
Cazoo(CZOO)	1499	4.98	−4.74	−48.8
Skillsoft(SKIL)	750	5.34	−3.35	−38.6
GCT Semiconductor(GCTS)	2410	3.90	−2.16	−35.6
LithiumAmericas(LAC)	49013	4.73	−2.35	−33.2
Biohaven(BHVN)	13419	38.99	−14.09	−26.5
CheetahMobile(CMCM)	859	3.54	−1.07	−23.2
ZKH(ZKH)	296	12.16	−2.62	−17.7
BitMining(BTCM)	547	1.99	−0.41	−17.1

NYSE American Biggest % Movers

Winners

Name (Sym)	Volume	Close	Change	%Chg.
RydeGroup(RYDE)	2328	3.60	+1.07	+42.1
LogisticProp(LPA)	31	7.09	+0.71	+11.1
SilverCrestMetals(SILV)	9004	7.90	+0.69	+9.6
ArisMining(ARMN)	1291	3.94	+0.32	+8.8
AirIndustries(AIRI)	297	5.19	+0.39	+8.2
Barnwell(BRN)	341	2.83	+0.21	+8.0
CoreMoldingTech(CMT)	300	19.80	+1.41	+7.7
HNR Acqn(HNRA)	1384	2.81	+0.20	+7.7

Losers

Name (Sym)	Volume	Close	Change	%Chg.
AeonBiopharma(AEON)	288	4.66	−2.94	−38.7
Volato(SOAR)	266	2.03	−0.72	−26.2
ActiniumPharm(ATNM)	1695	6.85	−2.15	−23.9
AltisourceAsset(AAMC)	42	3.01	−0.77	−20.5
SkyHarbour(SKYH)	235	8.81	−2.10	−19.2
NFT(MI)	217	4.01	−0.94	−19.0
ArmataPharm(ARMP)	87	2.66	−0.58	−18.0
M-tronInds(MPTI)	217	23.90	−4.62	−16.2

Nasdaq Biggest % Movers

Winners

Name (Sym)	Volume	Close	Change	%Chg.
Macatawa(MCBC)	4278	14.13	+4.54	+47.3
RaniTherap(RANI)	2806	7.07	+1.67	+30.9
SnapOne(SNPO)	8741	10.56	+2.42	+29.7
Inseego(INSG)	478	3.00	+0.68	+29.3
Humacyte(HUMA)	13945	3.70	+0.82	+28.5
WerewolfTherap(HOWL)	1337	5.90	+1.21	+25.8
SkyeBioscience(SKYE)	417	16.14	+3.23	+25.0
VandaPharm(VNDA)	31911	5.11	+0.99	+24.0

Losers

Name (Sym)	Volume	Close	Change	%Chg.
MarinusPharm(MRNS)	75566	1.38	−6.14	−81.6
SolarmaxTech(SMXT)	940	6.42	−7.03	−52.3
BinahCapital(BCG)	5	6.50	−6.80	−51.1
PacBiosciCA(PACB)	145261	1.55	−1.62	−51.1
SolidionTech(STI)	1588	1.40	−1.37	−49.5
VastRenewables(VSTE)	156	3.41	−2.00	−37.0
GraphjetTech(GTI)	157	6.43	−3.71	−36.6
OcularTherapeutix(OCUL)	19018	5.22	−2.77	−34.7

NYSE Most Active

Volume Percentage Leaders

Name (Sym)	Volume	%Chg.	Close	Change
RigelResourceA(RRAC)	1324	574.1	11.25	+0.02
TortoiseEcoIII A(TRTL)	2958	533.6	10.75	−0.02
Primerica(PRI)	2996	375.3	215.04	−7.05
Skillsoft(SKIL)	750	347.4	5.34	−3.35
CableOne(CABO)	1727	277.6	395.61	+8.85
Cohen&Steers(CNS)	2818	258.9	72.39	+2.45
MetalsAcqn(MTAL)	704	246.9	12.84	−0.67
MontroseEnvl(MEG)	3586	242.1	40.20	−4.46
Zuora(ZUO)	22354	238.8	9.25	+0.65
Hafnia(HAFN)	676	235.5	7.46	−0.07
Envestnet(ENV)	7200	235.0	63.33	+6.03
GlobeLife(GL)	25975	198.9	66.74	+7.65
Capri(CPRI)	16445	194.8	38.53	−0.78
PyrophyteAcqn(PHYT)	362	179.7	11.30	−0.02
APi Group(APG)	18104	171.3	36.98	−1.58
WPP(WPP)	2059	171.0	48.18	+0.69
LithiumAmericas(LAC)	49013	170.3	4.73	−2.35
Azul(AZUL)	17755	146.8	5.78	−0.79
Equifax(EFX)	9291	146.4	216.20	−30.79
BurfordCapital(BUR)	10005	144.5	14.67	−0.44

By Share Volume

Name (Sym)	Volume	Close	Change	%Chg.
BankofAmerica(BAC)	306405	36.97	+1.18	+3.3
FordMotor(F)	238794	12.14	−0.47	−3.7
NIO(NIO)	225559	3.80	−0.31	−7.5
AT&T(T)	199149	16.51	+0.20	+1.2
GinkgoBioworks(DNA)	196030	0.86	−0.15	−14.4
Snap(SNAP)	188444	11.16	+0.31	+2.9
Pfizer(PFE)	182089	26.00	+0.14	+0.5
PalantirTech(PLTR)	176055	20.47	−2.20	−9.7
Vale(VALE)	168963	12.18	+0.16	+1.3
BarrickGold(GOLD)	148598	17.10	−0.76	−4.3
Carnival(CCL)	132991	14.12	−0.24	−1.7
ItauUnibanco(ITUB)	125866	6.05	−0.30	−4.7
WellsFargo(WFC)	121846	60.35	+3.88	+6.9
Nokia(NOK)	116788	3.52	+0.19	+5.7
AMC Ent(AMC)	115956	3.16	+0.51	+19.2
VirginGalactic(SPCE)	115342	0.86	−0.22	−20.7
TaiwanSemi(TSM)	113857	127.70	−14.82	−10.4
PetroleoBrasil(PBR)	101683	16.47	+0.75	+4.8
Coupang(CPNG)	99666	22.01	+0.76	+3.6
NuHoldings(NU)	98231	10.48	−0.81	−7.2

By Dollar Volume

Name (Sym)	$ Volume	Close	Change	%Chg.
BerkHathwy A(BRK.A)	414483056	11244.00	+3153.00	+0.5
UnitedHealth(UNH)	19879688	501.13	+61.93	+14.1
TaiwanSemi(TSM)	15233138	127.70	−14.82	−10.4
JPMorganChase(JPM)	11520687	185.80	+3.01	+1.6
Salesforce(CRM)	11274355	270.37	−23.95	−8.1
Visa(V)	10995168	269.78	−6.18	−2.2
BankofAmerica(BAC)	10836488	36.97	+1.18	+3.3
ExxonMobil(XOM)	9869167	119.88	−0.49	−0.4
EliLilly(LLY)	9853638	726.31	−25.33	−3.4
GoldmanSachs(GS)	7893179	404.00	+14.51	+3.7
J&J(JNJ)	7276498	147.91	+0.39	+0.3
WellsFargo(WFC)	7060510	60.35	+3.88	+6.9
HomeDepot(HD)	6522583	335.36	−7.51	−2.2
Uber(UBER)	6449878	69.20	−6.08	−8.1
BerkHathwy B(BRK.B)	6233643	405.08	+1.82	+0.5
Procter&Gamble(PG)	5843610	158.14	+2.81	+1.8
Boeing(BA)	5422440	169.82	+0.27	+0.2
GE Aerospace(GE)	5338231	148.06	−6.57	−4.2
Chevron(CVX)	5052832	160.00	+1.04	+0.7
Nike(NKE)	5039357	94.53	+2.53	+2.8

NYSE American Most Active

Volume Percentage Leaders

Name (Sym)	Volume	%Chg.	Close	Change
BetterChoice(BTTR)	6449	711.5	6.25	+0.23
MexcoEnergy(MXC)	129	302.7	13.32	−0.78
10XCapIII A(VCXB)	199	267.1	10.97	+0.10
BlueRiverA(BLUA)	210	145.6	10.98	+0.01
SkyHarbour(SKYH)	235	116.7	8.81	−2.10
EvansBancorp(EVBN)	171	116.4	26.19	−0.85
BarHarborBkshs(BHB)	260	62.7	25.48	+1.60
Cryo-Cell(CCEL)	74	50.0	7.50	+0.29
LegatoMergerIII(LEGT)	870	45.0	10.11	+0.05
RileyExpln(REPX)	922	43.1	27.82	−1.49
Cohen(COHN)	58	41.6	6.26	−0.50
TrioTech(TRT)	38	39.5	6.34	−0.08
CompX Intl(CIX)	102	37.9	31.36	−1.74
BK Tech(BKTI)	91	36.8	13.36	−0.45
JawsMustangA(JWSM)	48	28.5	11.00	+0.05
EmpirePetrol(EP)	314	23.5	5.26	−0.19
IvanhoeElectric(IE)	3020	22.1	10.60	+0.14
SilverCrestMetals(SILV)	9004	20.5	7.90	+0.69
CoreMoldingTech(CMT)	300	17.6	19.80	+1.41
Southland(SLND)	128	17.1	4.82	−0.18

By Share Volume

Name (Sym)	Volume	Close	Change	%Chg.
TrioPetroleum(TPET)	340122	0.40	−0.12	−23.0
Tellurian(TELL)	174185	0.50	−0.00	−1.0
B2Gold(BTG)	83324	2.60	−0.29	−10.0
DenisonMines(DNN)	77947	1.99	−0.12	−5.7
CamberEnergy(CEI)	66989	0.17	−0.06	−25.3
AultAlliance(AULT)	64463	0.30	−0.03	−7.8
IndonesiaEnergy(INDO)	61824	5.03	+0.09	+1.8
NewGold(NGD)	39845	1.75	−0.05	−2.8
KulrTech(KULR)	39838	0.45	−0.35	−44.2
UraniumEner(UEC)	25446	6.79	−0.47	−6.5
PerspectiveTherap(CATX)	22600	1.50	+0.03	+2.0
NovaBayPharm(NBY)	22279	0.08	−0.01	−8.8
Zomedica(ZOM)	19131	0.12	−0.01	−8.4
Senseonics(SENS)	18236	0.40	−0.08	−17.0
TasekoMines(TGB)	16513	2.46	−0.03	−1.2
Globalstar(GSAT)	15547	1.27	−0.06	−4.5
Ur-Energy(URG)	13558	1.69	0.00	0.0
CalidiBiotherap(CLDI)	12760	0.16	−0.53	−76.7
GeniusGroup(GNS)	12491	0.41	−0.04	−8.1
HoustonAmEner(HUSA)	12461	1.91	−0.25	−11.6

By Dollar Volume

Name (Sym)	$ Volume	Close	Change	%Chg.
IndonesiaEnergy(INDO)	323196	5.03	+0.09	+1.8
B2Gold(BTG)	221946	2.60	−0.29	−10.0
UraniumEner(UEC)	177910	6.79	−0.47	−6.5
TrioPetroleum(TPET)	172452	0.40	−0.12	−23.0
DenisonMines(DNN)	159380	1.99	−0.12	−5.7
ImperialOil(IMO)	105479	69.44	−0.49	−0.7
Tellurian(TELL)	75047	0.50	−0.00	−1.0
EnergyFuels(UUUU)	70547	5.84	−0.36	−5.8
NewGold(NGD)	69830	1.75	−0.05	−2.8
SilverCrestMetals(SILV)	65728	7.90	+0.69	+9.6
EquinoxGold(EQX)	58937	6.00	+0.03	+0.5
MAG Silver(MAG)	58168	12.40	+0.46	+3.9
BetterChoice(BTTR)	48034	6.25	+0.23	+3.8
Seaboard(SEB)	46402	3229.56	+127.54	+4.1
TasekoMines(TGB)	41277	2.46	−0.03	−1.2
SilvercorpMetals(SVM)	35578	3.57	+0.04	+1.1
PerspectiveTherap(CATX)	33213	1.50	+0.03	+2.0
IvanhoeElectric(IE)	31625	10.60	+0.14	+1.3
ParkNational(PRK)	27588	128.01	+2.78	+2.2
NovaGoldRscs(NG)	27315	3.10	−0.05	−1.6

Nasdaq Most Active

Volume Percentage Leaders

Name (Sym)	Volume	%Chg.	Close	Change
RedwoodsAcqn(RWOD)	6105	10825.2	10.08	−0.32
SnapOne(SNPO)	8741	5342.4	10.56	+2.42
MarinusPharm(MRNS)	75566	3305.3	1.38	−6.14
DistokenAcqn(DIST)	1392	2709.8	10.69	−0.08
Macatawa(MCBC)	4278	1244.1	14.13	+4.54
ThunderBridgeIV A(THCP)	624	973.1	10.51	+0.10
Lavoro(LVRO)	1233	920.9	5.88	−0.21
EncoreWire(WIRE)	6736	668.8	284.40	+23.42
RaniTherap(RANI)	2806	540.8	7.07	+1.67
NeoGames(NGMS)	2716	473.6	29.45	+0.22
BentleySystems(BSY)	24388	370.4	52.46	+4.29
Intra-Cellular(ITCI)	17647	366.6	72.37	+6.49
GlobalLightsAcqn(GLAC)	456	364.7	10.21	−0.03
NorthernTechsIntl(NTIC)	338	360.5	15.65	+1.80
OnyxAcqnIA(ONYX)	182	359.9	11.12	−0.05
Nanobiotix(NBTX)	633	353.1	5.41	−0.68
RothCHAcqnV(ROCL)	204	328.6	10.84	+0.02
Surmodics(SRDX)	1026	325.3	26.49	−0.51
C&F Fin(CFFI)	107	305.3	36.97	−3.08
PowerUpAcqn(PWUP)	206	295.0	11.12	+0.01

By Share Volume

Name (Sym)	Volume	Close	Change	%Chg.
Tesla(TSLA)	461855	147.05	−24.00	−14.0
Next.e.GO(EGOX)	422919	0.05	+0.02	+49.7
Nikola(NKLA)	363272	0.64	−0.06	−8.1
AdvMicroDevices(AMD)	316017	146.64	−16.64	−10.2
Apple(AAPL)	308851	165.00	−11.55	−6.5
NVIDIA(NVDA)	262480	762.00	−119.86	−13.6
Rivian(RIVN)	223911	8.63	−0.50	−5.5
Intel(INTC)	223186	34.20	−1.49	−4.2
Amazon.com(AMZN)	197262	174.63	−11.50	−6.2
AmerAirlines(AAL)	168684	14.11	+0.96	+7.3
SoFiTech(SOFI)	168581	7.11	−0.22	−3.0
Ericsson(ERIC)	166859	5.10	+0.21	+4.3
TilrayBrands(TLRY)	162274	1.73	−0.09	−4.9
UnitedAirlines(UAL)	151543	51.38	+9.58	+22.9
PacBiosciCA(PACB)	145261	1.55	−1.62	−51.1
FuelCell(FCEL)	130381	0.88	−0.22	−19.6
Grab(GRAB)	130113	3.37	+0.04	+1.2
WarnerBrosA(WBD)	129379	8.40	+0.06	+0.7
MicronTech(MU)	126454	106.77	−15.75	−12.9
Alphabet A(GOOGL)	121807	154.09	−3.64	−2.3

By Dollar Volume

Name (Sym)	$ Volume	Close	Change	%Chg.
NVIDIA(NVDA)	220032001	762.00	−119.86	−13.6
Tesla(TSLA)	71246818	147.05	−24.00	−14.0
Apple(AAPL)	51944270	165.00	−11.55	−6.5
AdvMicroDevices(AMD)	49512550	146.64	−16.64	−10.2
Microsoft(MSFT)	42180867	399.12	−22.78	−5.4
MetaPlatforms(META)	37218932	481.07	−30.83	−6.0
Amazon.com(AMZN)	35636261	174.63	−11.50	−6.2
SuperMicroComp(SMCI)	34670849	713.65	−184.84	−20.6
Netflix(NFLX)	19949197	555.04	−67.79	−10.9
Alphabet A(GOOGL)	18901050	154.09	−3.64	−2.3
Broadcom(AVGO)	17366901	1204.71	−139.36	−10.4
MicronTech(MU)	14378847	106.77	−15.75	−12.9
Alphabet C(GOOG)	13573678	155.72	−3.47	−2.2
CoinbaseGlbl(COIN)	12225584	211.01	−34.74	−14.1
MicroStrategy(MSTR)	10736446	1174.11	−305.47	−20.6
ASML(ASML)	8992237	859.54	−102.30	−10.6
Intel(INTC)	7904647	34.20	−1.49	−4.2
Arm(ARM)	7291121	87.19	−39.14	−31.0
UnitedAirlines(UAL)	7035219	51.38	+9.58	+22.9
Qualcomm(QCOM)	6604987	157.63	−13.66	−8.0

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

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How Analysts Size Up Companies

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Alphabet · GOOGL-Nasdaq

Outperform · Price $157.73 on April 12
by Wedbush

We think the near-term setup for Alphabet is the most attractive within our digital advertising coverage. Shares have underperformed peers, with the stock appreciating 5% since the company last reported earnings, on Jan. 30, lagging behind Meta Platforms, +31% over the same period, and the broader Nasdaq index, +6%. [Alphabet is due to report first-quarter earnings on April 25.] We think the market hasn't fully priced in the strength of the underlying demand environment for Google for three primary reasons: 1) Google does not provide quarterly guidance, and the strength that Meta and others alluded to early in the first quarter is yet to materialize in Google's reported numbers or in management commentary; 2) the company is viewed as a laggard relative to Meta due in part to comp dynamics that have exaggerated the recent divergence in growth; and 3) the perceived structural risk related to generative AI search (which we view as overdone) has kept some investors sidelined, despite the near-term strength of the advertising business. For the first quarter, we are raising our estimates and now expect revenue growth of 14% year over year, 140 basis points ahead of consensus.

Target price: $175.

United Airlines Holdings · UAL-Nasdaq

Buy · Price $48.31 on April 17
by Seaport Research Partners

We anticipated a good first quarter of 2024, but it was a blowout quarter on revenue relative to Street expectations and United's own expectation. Following the airline's earnings call, we're concluding that the false earnings starts may finally be coming to an end, and that normalized earnings are within the investment horizon of investors. Shares were up over 15% intraday [after the earnings release], but there is plenty of rerate potential ahead if management can execute on initiatives and drive margin expansion, as we believe is likely. Shares now trade at 4.7/3.9/3.5 times our revised 2024/2025/2026 earnings per share (versus seven to 10 times historically). Given management's move to drive investment-grade metrics out of the business, and if history is a guide and management eventually returns capital, a rerate closer to nine times is justified in our view, and is a great place to start. We're leaving our $66 price target unchanged, but if correct, the upside implies a stock price of closer to $120 for those with a two- to three-year horizon.

GE Vernova · GEV-NYSE

Outperform · Price $131.75 on April 16
by Raymond James

Decarbonization of electric power requires not only building clean generation assets but also modernizing the grid. Combining strengths across a broad spectrum of conventional and renewable generation, as well as grid technology, Vernova [GE's newly independent power-generation business] is involved in practically everything. Diversification has both advantages and drawbacks. Generally speaking, we are fans of the wind and electrification segments but less so the power segment, due to its fossil-fuel overweight. We are initiating coverage with an Outperform rating. We are setting a target price of $160, based on 30 times estimated 2025 non-GAAP EPS.

Hilton Grand Vacations · HGV-NYSE

Overweight · Price $43.53 on April 12
by J.P. Morgan

We are initiating coverage of Hilton Grand Vacations at an Overweight rating and a December 2024 price target of $59. Hilton is a timeshare operator that has transformed significantly since its spinoff from Hilton Hotels in 2017, with the acquisition of Diamond Resorts in 2021 and its recent acquisition of Bluegreen Vacations (closed in January). The pro forma company provides an opportunity for investors to gain exposure to the attractive timeshare business model at a relatively (and absolute) attractive valuation level, which can gain operating momentum in the second half of 2024 through 2025.

O'Reilly Automotive · ORLY-Nasdaq

Buy · Price $1,089.51 on April 16
by UBS

We think O'Reilly continued to outperform the broader auto aftermarket in the first quarter [results are due on April 24.] Yet, the magnitude of the gap probably moderated in the first part of the year. Specifically, we think O'Reilly maintained high-single digit commercial growth and low-single digit retail growth in the first quarter. Looking forward, it can probably sustain these rates of growth throughout 2024, even though industry demand is lumpier this year, given the normalization in inflation and the pressure on the lower income consumer. Still, the sustainable growth will likely continue to be rewarded by the market with a premium multiple. We raise our price target to $1,275 from $1,125.

Planet Fitness · PLNT-NYSE

Outperform · Price $60.55 on April 16
by Baird Equity Research

Planet Fitness this morning announced its next CEO, Colleen Keating, in a much-anticipated move following a transition initiated last fall. Keating joins as an unknown entity to public equity investors (most recently CEO of private company FirstKey Homes, but brings a solid résumé spanning scaled hospitality and franchised businesses. We think investor sentiment can improve over time, especially with one near-term uncertainty removed.

Price target: $80.

Insider Transactions

Purchases

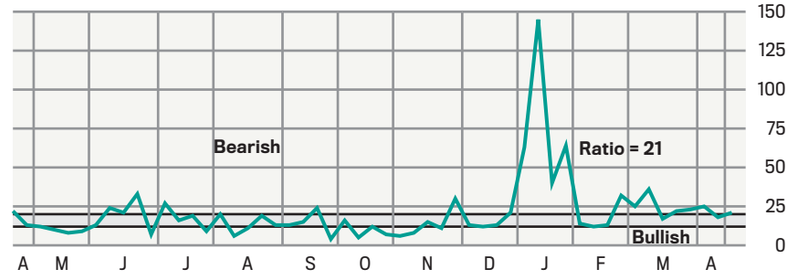
Company	Symbol	Insiders	Shares	$ Val (000's)
Atlanticus	ATLC	1	263,432	7,431
Brt Apartments	BRT	2	86,024	1,457
Ashford	AINC	1	200,000	982
Longeveron	LGVN	3	297,872	700
Science Applications International	SAIC	3	3,895	491
Lennar	LEN	1	1,575	247
Neogen	NEOG	2	17,500	222
Smart Global	SGH	1	10,000	188
Wd-40	WDFC	2	760	177
Postal Realty Trust	PSTL	1	10,000	138
Oncocyte	OCX	2	37,288	110
Authid	AUID	1	10,500	81
Fluent	FLNT	2	20,266	69
Townebank	TOWN	1	2,183	60
Fidelity National Information Services	FIS	1	775	56
Walgreens Boots Alliance	WBA	1	3,000	54
Atossa Therapeutics	ATOS	1	25,000	44
Amrep	AXR	1	1,800	40
Nauticus Robotics	KITT	1	100,000	23
Blend Labs	BLND	1	6,265	17

Sales

Company	Symbol	Insiders	Shares	$ Val (000's)
Jpmorgan Chase & Co	JPM	1	178,222	32,825
Salesforce	CRM	5	97,096	27,089
Take-Two Interactive Software	TTWO	2	181,702	26,990
Datadog	DDOG	3	167,105	21,163
Apple	AAPL	2	112,356	19,451
Doordash	DASH	1	132,390	18,418
Cencora	COR	2	68,318	16,087
Cloudflare	NET	1	157,152	14,996
Workday	WDAY	1	56,000	14,834
Atlassian	TEAM	2	57,687	11,789
Arista Networks	ANET	1	36,000	10,442
Pure Storage	PSTG	2	167,564	8,939
Natera	NTRA	2	86,816	7,900
Beigene	BGNE	1	50,000	7,475
Ares Management	ARES	1	50,000	6,486
Accenture Plc	ACN	4	16,052	5,072
Destiny Tech100	DXYZ	1	200,000	4,930
Enliven Therapeutics	ELVN	6	185,673	4,526
Constellation Brands	STZ	1	15,781	4,160
Carvana	CVNA	1	50,000	4,006

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 267,576,748 and 12,585,631 respectively; Source: Thomson Reuters

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DATA

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NEW YORK STOCK EXCHANGE COMPOSITE LIST – NEW HIGHS – NEW LOWS

–52-Week– High	Low	Name	Tick Sym	Yld	P/E	Last	Chg.	Div Amt.
A								
73.95	50.06	AAR	AIR	...	38	64.12	+3.33	...
53.05	37.61	ABMIndustries	ABM	2.0	11	44.32	+0.75	.225
6.62	4.30	ACCO Brands	ACCO	6.1	dd	4.92	–0.11	.075
14.35	6.62	AcresCmclRlty	ACR	...	40	13.80	+0.37	...
6.04	0.36	ADC Therap	ADCT	...	dd	4.72	+0.33	...
7.60	4.89	ADT	ADT	3.6	13	6.19	–0.17	.055
98.72	74.40	AECOM	ACM	.9	cc	93.35	–0.26	.22
24.27	11.43	AES	AES	4.2	50	16.40	–0.45	.1725
86.26	64.10	Aflac	AFL	2.4	11	83.23	+2.95	.42
140.46	105.77	AGCO	AGCO	1.0	8	118.75	–1.26	.29
6.89	4.82	AG Mortgage	MITT	12.9	4	5.56	–0.08	.18
14.28	3.60	a.k.a.Brands	AKA	...	dd	11.18	–0.58	...
54.97	2.38	AMC Ent	AMC	...	dd	3.16	+0.51	...
112.44	53.77	AMN Healthcare	AMN	...	11	56.95	+0.32	...
9.20	2.92	AMTD Digital	HKD	...	14	3.08	–0.28	...
5.49	1.65	AMTD IDEA	AMTD	...	1	1.71	–0.11	...
11.39	10.56	AP Acqn A	APCA	...	66	11.34	+0.01	...
3.69	2.56	ARC Document	ARC	7.5	14	2.66	+0.03	.05
11.68	6.70	ASE Tech	ASX	4.2	22	10.05	–0.80	.5714
106.42	63.27	ASGN	ASGN	...	22	97.78	+2.33	...
18.40	13.43	AT&T	T	6.7	8	16.51	+0.20	.2775
52.98	34.10	ATI	ATI	...	20	50.56	–1.08	...
14.82	4.00	ATI PhysTherapy	ATIP	...	dd	4.03	–0.07	...
48.89	29.78	ATS	ATS	...	23	31.09	+0.80	...
15.99	10.04	A10Networks	ATEN	1.9	24	12.94	–0.16	.06
65.86	51.61	AXIS Capital	AXS	2.8	16	62.47	+0.56	.44
50.78	23.08	AZEK	AZEK	...	56	44.72	–2.57	...
82.10	34.59	AZZ	AZZ	.9	26	74.80	–3.18	.17
16.16	6.72	Aaron's	AAN	6.7	96	7.48	+0.32	.125
121.64	89.67	AbbottLabs	ABT	2.1	33	107.28	–1.83	.55
182.89	130.96	AbbVie	ABBV	3.7	61	166.41	+4.13	1.55
140.28	21.74	Abercrombie&Fitch	ANF	...	18	110.36	–1.47	...
17.73	12.37	AcadiaRealty	AKR	4.2	86	17.05	–0.05	.18
12.05	8.28	AccelEnt	ACEL	...	22	11.37	+0.36	...
387.51	261.68	Accenture	ACN	1.6	29	316.88	+1.48	1.29
272.74	149.30	AcuityBrands	AYI	.2	21	247.06	–10.52	.15
70.10	43.62	Acushnet	GOLF	1.4	22	62.12	+0.16	.215
12.51	7.93	Adecoagro	AGRO	3.0	8	11.02	–0.08	.1649
46.51	27.73	Adient	ADNT	...	13	28.83	–0.93	...
62.99	33.59	AdtalemGlbEduc	ATGE	...	17	46.33	+0.07	...
129.90	47.73	AdvanceAuto	AAP	1.3	cc	78.69	+8.19	.25
176.31	80.41	AdvDrainageSys	WMS	.4	25	155.57	–8.37	.14
40.85	23.93	AdvanSix	ASIX	2.4	14	27.12	–0.34	.16
6.38	4.22	Aegon	AEG	4.7	dd	5.86	–0.02	.1734
88.44	53.42	AerCap	AER	...	6	83.21	+0.19	...
7.60	2.33	AevaTech	AEVA	...	dd	3.11	–0.47	...
169.65	120.22	AffiliatedMgrs	AMG	.0	9	158.50	–3.67	.01
151.58	96.80	AgilentTechs	A	.7	32	132.73	–8.00	.236
18.61	5.07	Agiliti	AGTI	...	dd	10.04	–0.01	...
26.75	4.41	agilon health	AGL	...	dd	5.46	+0.51	...
64.19	43.22	AgnicoEagleMines	AEM	2.5	16	63.84	+2.39	.40
69.26	52.69	AgreeRealty	ADC	5.3	33	56.56	+0.34	.25
51.77	33.33	AirLease	AL	1.7	10	49.03	+0.48	.21
307.71	212.24	AirProducts	APD	3.1	22	231.64	+0.11	1.77
231.40	157.74	AlamoGroup	ALG	.5	18	202.34	–11.55	.26
16.01	10.78	AlamosGold	AGI	.7	29	15.30	+0.09	.025
57.18	30.75	AlaskaAir	ALK	...	24	45.01	+3.71	...
99.41	78.20	AlbanyIntl	AIN	1.2	25	88.23	–1.31	.26
247.44	106.69	Albemarle	ALB	1.4	8	112.15	–10.43	.40
23.88	19.88	Albertsons	ACI	2.4	9	20.35	–0.03	.12
39.83	23.07	Alcoa	AA	1.1	dd	35.53	+0.33	.10
88.23	69.44	Alcon	ALC	...	40	79.55	–1.73	...
19.99	15.53	Alexander&Baldwin	ALEX	5.5	39	16.09	+0.04	.2225
235.85	155.60	Alexander's	ALX	8.5	11	210.53	–6.10	4.50
135.45	90.73	AlexandriaRlEst	ARE	4.4	cc	115.69	–6.15	1.27
102.50	66.63	Alibaba	BABA	1.4	13	69.07	–2.22	1.00
10.38	6.33	Alight	ALIT	...	dd	9.12	–0.10	...
136.91	95.94	Allegion	ALLE	1.5	20	125.21	–2.21	.48
3.88	0.57	Allego	ALLG	...	dd	1.10	+0.01	...
65.10	49.29	Allete	ALE	4.7	14	59.71	+1.38	.705
36.73	25.83	AllianceBernstein	AB	8.1	14	33.03	–0.12	.77
83.42	44.68	AllisonTransm	ALSN	1.3	11	78.39	–2.49	.25
174.57	100.57	Allstate	ALL	2.1	dd	172.96	+6.15	.92
10.94	1.56	AllurionTech	ALUR	...	dd	1.99	–0.35	...
41.56	22.54	AllyFinancial	ALLY	3.1	16	39.05	+1.82	.30
7.30	4.58	AlmacenesExito	EXTO	.2	27	4.81	–0.28	.0121
452.00	132.72	AlphaMetal	AMR	.6	7	329.50	+1.79	.50
17.72	14.25	AlpineIncmProp	PINE	7.4	dd	14.87	–0.36	.275
17.98	8.76	AltaEquipment	ALTG	2.0	64	11.59	–0.79	.057
17.49	10.22	AltC Acqn	ALCC	...	63	12.50	–0.26	...
3.82	1.75	AlticeUSA	ATUS	...	17	1.97	–0.21	...
24.00	12.78	AltoNeurosci	ANRO	...	...	12.96	–1.31	...
48.04	39.07	Altria	MO	9.3	9	42.09	+1.04	.98
7.28	3.67	AltusPower	AMPS	...	dd	3.78	–0.43	...
17.80	11.26	AmbacFin	AMBC	...	90	14.40	–0.55	...
3.23	2.23	Ambev	ABEV	5.6	12	2.29	–0.06	.1443
11.12	8.45	Amcor	AMCR	5.6	20	8.97	+0.06	.125
18.23	13.10	AmerSports	AS	...	...	13.77	–0.42	...
26.13	15.79	AmerantBncpA	AMTB	1.6	23	22.18	+1.03	.09
91.18	67.03	Ameren	AEE	3.6	17	73.88	+2.12	.67
63.19	17.55	Ameresco	AMRC	...	16	18.80	–2.12	...
23.07	16.00	AmericaMovil	AMX	1.9	17	18.26	+0.21	.1967
23.92	17.06	AmericanAssets	AAT	6.4	25	20.99	+0.22	.335
9.55	6.29	AmericanAxle	AXL	...	dd	7.08	+0.01	...
26.44	9.95	AmerEagle	AEO	2.2	26	22.38	–0.69	.125
56.40	36.69	AmerEquity	AEL	.7	26	55.40	+0.30	.38
231.69	140.91	AmerExpress	AXP	1.2	21	231.04	+12.84	.70
137.72	105.22	AmericanFin	AFG	2.2	13	127.86	+0.55	.71
14.90	12.63	AmerHlthcrREIT	AHR	7.6	...	13.21	–0.42	.25
37.97	31.36	AmHomes4Rent	AMH	2.9	35	35.27	–0.29	.26
78.95	48.95	AIG	AIG	1.9	15	74.23	+0.55	.36
25.96	11.69	AmRltyInv	ARL	...	60	14.80	–0.95	...
92.85	66.03	AmerStWater	AWR	2.5	21	69.25	+1.47	.43
13.09	5.91	AmerStratInvt	NYC	...	dd	5.91	–0.22	...
219.10	154.58	AmerTowerREIT	AMT	3.8	54	171.30	–7.90	1.62
20.22	8.41	AmerVanguard	AVD	1.1	43	11.11	–0.58	.03
152.99	113.34	AmerWaterWorks	AWK	2.4	24	118.52	+1.95	.7075
2.74	0.50	AmericanWell	AMWL	...	dd	.55	–0.03	...
33.90	22.59	AmericoldRealty	COLD	3.9	dd	22.84	–1.10	.22
440.67	279.85	Ameriprise	AMP	1.3	18	417.01	+3.31	1.35
186.33	133.12	Ametek	AME	.6	31	177.70	–2.01	.28
4.00	2.09	Ampco-Pitt	AP	...	dd	2.18	–0.19	...
119.59	72.00	Amphenol	APH	.8	35	110.17	–3.15	.22
8.21	3.56	AmplifyEnergy	AMPY	...	1	7.20	+0.11	...
10.63	1.65	AmpriusTech	AMPX	...	dd	1.76	–0.12	...
24.36	13.46	Amrep	AXR	...	50	21.00	–0.54	...
11.64	7.02	AngelOakMtgREIT	AOMR	11.0	9	11.64	+0.62	.32
30.27	14.91	AngloGoldAsh	AU	.9	dd	23.84	–0.01	.19
66.56	51.66	AB InBev	BUD	1.0	23	58.74	+0.07	.8722
21.07	14.52	AnnalyCap	NLY	14.3	dd	18.23	–0.21	.65
22.49	5.42	AnnovisBio	ANVS	...	dd	10.06	–1.57	...
14.52	9.69	AnteroMidstream	AM	6.5	18	13.92	+0.01	.225
30.90	19.91	AnteroResources	AR	...	38	29.29	–0.50	...
9.43	4.09	AnywhereRealEst	HOUS	...	dd	5.47	+0.10	...
347.37	284.85	Aon	AON	.9	25	310.19	+2.19	.675
38.68	28.22	AptIncmREIT	AIRC	.0	9	38.38	+0.02	.45
8.93	5.63	ApartmtInv	AIV	...	dd	7.83	–0.28	...
39.98	21.50	APi Group	APG	...	dd	36.98	–1.58	...
12.74	9.13	ApolloComRlEst	ARI	13.1	37	10.72	–0.04	.35
117.15	57.50	ApolloGlblMgmt	APO	1.6	13	107.63	–2.50	.43
17.90	14.22	AppleHospREIT	APLE	6.3	20	15.14	–0.68	.08
201.76	122.24	AppliedIndlTechs	AIT	.8	19	183.45	–7.64	.37
145.35	111.63	Aptargroup	ATR	1.2	33	139.34	+2.14	.41
113.60	68.84	Aptiv	APTV	...	7	69.63	–4.56	...
33.04	23.95	Aramark	ARMK	1.2	13	31.87	+0.28	.11
17.74	10.10	ArborRealty	ABR	13.5	7	12.62	+0.42	.43
7.27	3.67	ArcadiumLithium	ALTM	...	...	3.90	–0.21	...
29.15	21.30	ArcelorMittal	MT	1.5	26	25.39	–1.53	.25
187.60	102.42	ArchResources	ARCH	.6	7	163.18	+6.30	1.40
7.49	1.77	ArcherAviation	ACHR	...	dd	3.65	–0.36	...
87.30	50.72	ADM	ADM	3.2	10	62.60	+1.63	.50
21.40	8.78	Archrock	AROC	3.4	29	19.44	–0.69	.165
13.20	7.77	ArcosDorados	ARCO	2.2	13	10.90	–0.10	.06
89.07	57.74	Arcosa	ACA	.3	23	75.88	–4.70	.05
25.47	12.95	ArcusBiosci	RCUS	...	dd	14.59	–1.99	...
4.29	2.57	ArdaghMetalPkg	AMBP	11.5	dd	3.49	+0.08	.10
17.05	11.59	ArdmoreShipping	ASC	5.7	9	15.88	...	.21
10.76	10.10	AresAcqnII A	AACT	...	39	10.61	...	...
11.24	6.36	AresCommRealEst	ACRE	15.2	dd	6.56	–0.46	.25
139.48	77.97	AresMgmt	ARES	2.9	53	129.53	–1.82	.93
62.19	37.37	Argan	AGX	1.9	26	61.92	+2.15	.30
15.31	6.69	ArisWater	ARIS	2.6	24	13.93	–0.35	.09
307.74	131.68	AristaNetworks	ANET	...	37	246.09	–25.13	...
13.34	6.18	ArloTech	ARLO	...	dd	10.46	–0.85	...
13.11	9.81	ArmadaHoffler	AHH	7.8	dd	10.50	+0.14	.205
27.00	13.32	ArmourResREIT	ARR	15.9	dd	18.17	–0.25	.24
125.56	62.03	ArmstrongWorld	AWI	1.0	23	113.98	–3.21	.28
147.42	108.51	ArrowElec	ARW	...	8	121.71	–2.54	...
46.75	31.28	ArtisanPtrsAsset	APAM	5.7	14	42.62	–0.88	.34
21.90	12.16	Artivion	AORT	...	dd	20.03	–0.43	...
26.27	13.43	Asana	ASAN	...	dd	13.59	–0.86	...
256.39	178.40	AsburyAutomotive	ABG	...	8	215.12	–2.39	...
5.09	1.24	AshfordHosp	AHT	...	dd	1.31	–0.12	...
104.12	70.82	Ashland	ASH	1.6	31	95.99	+0.76	.385
19.10	5.33	AspenAerogels	ASPN	...	dd	14.96	–0.96	...
37.54	22.92	AssetMarkFin	AMK	...	21	34.74	–1.38	...
22.16	14.47	AssociatedBanc	ASB	4.3	18	20.55	+0.23	.22
40.55	31.32	AssocCapital	AC	.6	19	32.28	+0.05	.10
189.48	115.43	Assurant	AIZ	1.7	15	173.83	–0.36	.72
96.60	49.84	AssuredGuaranty	AGO	1.6	6	77.52	–1.92	.31
194.98	116.14	Atkore	ATKR	.7	10	171.82	+0.25	.32
37.86	23.32	AtlUnionBkshs	AUB	3.9	13	33.22	+1.16	.32
24.69	15.28	AtlasEnergy	AESI	2.7	14	22.29	–1.15	.21
125.28	101.00	AtmosEnergy	ATO	2.7	19	117.20	+3.21	.805
33.70	18.21	AtmusFiltration	ATMU	...	15	30.87	–1.10	...
3.30	1.01	ATRenew	RERE	...	dd	1.58	–0.16	...
10.85	6.80	Auna	AUNA	...	dd	6.80	–0.90	...
34.10	23.81	Autohome	ATHM	7.0	11	24.28	–0.96	1.15
124.38	79.66	Autoliv	ALV	2.4	20	114.83	–0.43	.68
182.08	123.81	AutoNation	AN	...	7	154.14	+0.03	...
3256.37	2277.88	AutoZone	AZO	...	21	2985.54	+23.22	...
198.66	160.45	Avalonbay	AVB	3.7	28	184.13	+0.35	1.70
41.22	27.46	Avangrid	AGR	4.8	18	36.87	+1.12	.44
31.31	17.24	AvanosMedical	AVNS	...	dd	18.71	+0.20	...
26.16	16.63	Avantor	AVTR	...	51	24.10	–0.86	...
225.26	158.93	AveryDennison	AVY	1.5	34	211.57	+0.34	.81
43.97	27.73	Avient	AVNT	2.4	52	42.52	+1.24	.2575
44.83	30.53	Avista	AVA	5.4	16	35.08	+1.08	.475
34.53	25.03	AxaltaCoating	AXTA	...	26	30.87	–0.89	...
60.00	32.05	AxosFinancial	AX	...	7	50.30	+0.67	...
13.87	5.57	Azul	AZUL	...	dd	5.78	–0.79	...
B								
1.64	0.70	Bark	BARK	...	dd	1.07	–0.03	...
16.68	7.20	B&G Foods	BGS	7.1	dd	10.73	+0.07	.19
24.99	18.71	BBB Foods	TBBB	...	...	19.90	–0.14	...
48.38	31.82	BCE	BCE	8.6	19	32.59	+0.48	.7405
3.06	1.68	BEST	BEST	...	dd	2.08	–0.02	...
11.70	8.85	BGSF	BGSF	6.6	16	9.06	–0.19	.15
69.11	54.28	BHP Group	BHP	5.2	20	58.12	–0.44	1.44
139.50	51.94	BILL	BILL	...	dd	59.61	–2.05	...
6.95	1.79	BitMining	BTCM	...	dd	1.99	–0.41	...
80.42	60.33	BJ'sWholesale	BJ	...	19	73.74	–3.28	...
40.84	33.52	BP	BP	4.5	8	38.52	–0.92	.4362
8.17	2.00	BP Prudhoe	BPT	...	8	2.24	–0.63	...
5.85	2.51	BRC	BRCC	...	dd	4.37	+0.12	...
3.52	1.15	BRF	BRFS	...	dd	3.28	+0.09	...
20.69	15.21	BRT Apartments	BRT	5.8	cc	17.37	–0.27	.25
107.18	60.17	BWX Tech	BWXT	1.0	34	91.60	–2.96	.24
6.64	0.75	Babcock&Wilcox	BW	...	dd	.93	–0.12	...
181.00	128.94	BadgerMeter	BMI	.6	51	176.78	+23.87	.27
2.75	0.39	Bakkt	BKKT	...	dd	.40	–0.09	...
67.97	42.81	Ball	BALL	1.2	29	64.95	–0.57	.20
18.66	7.28	Bally's	BALY	...	dd	14.50	+1.09	...
16.08	9.72	BancCalifornia	BANC	2.9	dd	13.86	–0.30	.10
9.51	3.74	BancoBBVA	BBAR	.0	6	8.57	–0.12	.064
12.20	6.47	BBVA	BBVA	4.5	7	10.79	+0.24	.4253
3.21	2.30	BancoBradesco	BBDO	6.6	9	2.33	–0.13	.0033
24.10	19.20	BancodeChile	BCH	5.6	8	21.96	–0.32	1.6924
31.62	17.09	Bladex	BLX	6.8	6	29.59	+0.17	.50
54.67	16.49	BancoMacro	BMA	.0	2	49.82	–1.64	.4262
6.66	4.93	BancSanBrasil	BSBR	4.7	...	5.25	–0.08	.0792
21.81	16.89	BcoSantChile	BSAC	3.1	12	18.04	–0.89	.7557
5.05	3.20	BancoSantander	SAN	2.8	7	4.75	+0.10	.1027
37.15	23.12	BanColombia	CIB	3.4	10	32.65	–1.85	.9062
38.35	24.96	BankofAmerica	BAC	2.6	13	36.97	+1.18	.24
33.80	22.93	BankofButterfield	NTB	5.7	7	31.06	+0.39	.44
75.19	30.83	BankofHawaii	BOH	4.8	14	58.40	+0.12	.70
100.12	73.98	BankMontreal	BMO	3.7	18	92.14	–0.88	1.1172
58.28	39.65	BankNY Mellon	BK	3.0	14	56.29	+1.24	.42
51.98	39.80	BankNovaScotia	BNS	6.7	10	46.74	–1.45	.7833
34.22	15.83	BankUnited	BKU	4.3	12	26.71	+1.46	.29
9.98	6.23	Barclays	BCS	4.2	...	9.35	+0.17	.2671
9.89	6.96	BaringsBDC	BBDC	11.2	8	9.19	+0.02	.26
2.26	0.18	Barnes&NobleEduc	BNED	...	dd	.23	–0.48	...
43.66	18.79	BarnesGroup	B	1.8	cc	35.76	+0.66	.16
20.75	13.76	BarrickGold	GOLD	2.3	24	17.10	–0.76	.10
50.34	27.30	Bath&BodyWks	BBWI	1.8	11	43.99	–1.23	.20
11.55	9.60	BatteryFutureA	BFAC	...	61	11.09	+0.01	...
21.95	13.62	Bausch+Lomb	BLCO	...	dd	14.64	+0.40	...
11.46	5.57	BauschHealth	BHC	...	dd	8.69	–0.07	...
50.21	31.01	BaxterIntl	BAX	2.9	dd	39.47	–0.86	.29
4.65	2.89	BaytexEnergy	BTE	1.8	dd	3.63	–0.14	.0166
28.50	6.31	Beachbody	BODI	...	dd	9.03	–0.47	...
35.93	16.68	BeazerHomes	BZH	...	5	26.31	–1.91	...
287.32	229.40	BectonDicknsn	BDX	1.6	55	234.12	–1.05	.95
99.13	60.55	Belden	BDC	.2	14	81.92	–3.34	.05
62.76	34.58	BellRing	BRBR	...	44	53.98	–1.00	...
31.75	20.58	BenchmarkElec	BHE	2.2	16	29.63	+0.13	.165
1.85	0.13	BensonHill	BHIL	...	dd	.16	–0.01	...
89.19	55.50	Berkley	WRB	.5	16	82.40	+0.25	.11
647039	482500	BerkHathwy A	BRK.A	...	9	611244	+3153.00	...
430.00	317.41	BerkHathwy B	BRK.B	...	9	405.08	+1.82	...
25.79	18.07	BerkshireHills	BHLB	3.3	44	21.71	+0.80	.18
69.94	53.83	BerryGlobal	BERY	1.9	12	56.56	+0.18	.275
86.11	62.30	BestBuy	BBY	4.9	13	76.15	–1.85	.94
39.27	13.71	Beyond	BYON	...	dd	22.80	–3.59	...
11.06	3.13	BigLots	BIG	...	dd	3.70	+0.25	...
4.80	1.16	BigBear.ai	BBAI	...	dd	1.45	–0.30	...
1058.50	700.00	BiglariA	BH.A	...	11	996.56	+76.92	...
218.50	137.01	BiglariB	BH	...	11	199.73	+8.66	...
62.21	12.35	Biohaven	BHVN	...	dd	38.99	–14.09	...
473.50	261.59	Bio-RadLab A	BIO	...	dd	279.73	–20.72	...
467.95	271.00	Bio-RadLab B	BIO.B	...	dd	279.91	–58.64	...
55.00	35.83	Birkenstock	BIRK	...	79	42.67	–0.36	...
66.85	46.43	BlackHills	BKH	4.8	14	54.00	+1.76	.65
5.75	2.46	BlackBerry	BB	...	dd	2.75	–0.30	...
845.00	596.18	BlackRock	BLK	2.7	19	749.98	–13.42	5.10
2.37	1.04	BlackSkyTech	BKSY	...	dd	1.19	–0.11	...
133.56	79.92	Blackstone	BX	2.8	42	118.40	–5.07	.83
23.82	16.83	BlackstoneMtg	BXMT	13.4	13	18.54	–0.11	.62
3.41	0.53	BlendLabs	BLND	...	dd	2.33	–0.20	...
52.90	28.83	BlockHR	HRB	2.7	13	46.84	+0.58	.32
87.52	38.85	Block	SQ	...	cc	70.42	–6.57	...
18.76	8.41	BloomEnergy	BE	...	dd	9.63	–1.11	...
15.83	12.20	BlueOwlCapital	OBDC	9.5	8	15.54	+0.11	.35
19.87	9.70	BlueOwlCapital	OWL	3.1	cc	18.26	–0.28	.14
132.67	66.58	BlueLinx	BXC	...	21	108.54	–8.96	...
267.54	167.53	Boeing	BA	...	dd	169.82	+0.27	...
154.67	64.39	BoiseCascade	BCC	.6	11	133.60	–16.39	.20
104.91	64.33	BootBarn	BOOT	...	19	99.62	+0.44	...
150.59	89.80	BoozAllen	BAH	1.4	46	142.14	–1.95	.51
47.05	29.51	BorgWarner	BWA	1.3	12	32.80	–0.70	.17
9.01	5.40	BorrDrilling	BORR	.0	78	5.52	–0.33	.05
395.52	274.78	BostonBeer	SAM	...	46	286.98	+1.33	...
21.58	13.55	BostonOmaha	BOC	...	dd	16.04	+0.20	...
73.97	46.80	BostonProps	BXP	6.5	50	60.20	–0.41	.98
69.21	48.35	BostonSci	BSX	...	63	67.33	–0.74	...
15.47	8.85	Bowlero	BOWL	1.8	63	11.90	–0.44	.055
31.94	23.29	Box	BOX	...	39	26.67	–0.27	...
73.00	52.42	BoydGaming	BYD	1.1	10	62.66	–1.74	.17
63.02	46.77	Brady	BRC	1.6	15	58.65	–0.26	.235
4.37	1.79	BraemarHtls	BHR	8.7	dd	2.30	–0.15	.05
5.67	3.42	BrandywineRealty	BDN	13.7	dd	4.38	+0.02	.15
6.00	4.49	BrasilAgro	LND	12.7	9	5.01	+0.20	.621
12.67	6.30	Braskem	BAK	...	dd	8.65	–0.62	...
41.89	23.19	BreadFinancial	BFH	2.4	2	34.48	+0.20	.21
13.07	6.18	BridgeInvt	BRDG	4.2	dd	6.67	–0.23	.07
119.21	71.65	BrightHorizons	BFAM	...	82	104.45	–4.72	...
3.23	0.81	BrightScholar	BEDU	...	...	1.91	+0.07	...
23.75	15.23	BrightSphere	BSIG	.2	15	23.00	+0.65	.01
8.01	5.20	BrightSpire	BRSP	12.6	dd	6.34	+0.06	.20
12.35	5.16	BrightView	BV	...	dd	11.06	–0.25	...
93.25	59.46	Brink's	BCO	1.0	47	87.04	+0.07	.22
51.72	28.23	BrinkerIntl	EAT	...	13	45.23	–0.01	...
70.94	47.58	BristolMyers	BMY	4.9	13	48.93	+0.65	.60
0.14	0.02	B

DATA

NEW YORK STOCK EXCHANGE COMPOSITE LIST

BARRONS.COM/DATA

–52-Week– High	Low	Name	Tick Sym	Yld	P/E	Last	Chg.	Div Amt.
63.76	49.87	CMS Energy	CMS	3.5	20	59.55	+1.89	.515
47.37	36.41	CNA Fin	CNA	4.0	10	44.44	+1.10	2.00
15.74	9.77	CNH Indl	CNHI	3.8	7	12.31	–0.32	.47
28.39	19.95	CNO Financial	CNO	2.3	11	26.19	+0.77	.15
24.82	14.36	CNX Resources	CNX	...	3	24.00	–0.28	...
114.30	53.40	CONSOL Energy	CEIX	2.6	4	84.08	+0.47	1.10
26.80	21.73	COPTDefenseProp	CDP	5.2	dd	22.77	–0.40	.2993
88.00	47.14	CRH	CRH	1.8	...	77.05	–5.39	.35
10.77	5.07	CS Disco	LAW	...	dd	7.47	–0.44	...
18.03	15.63	CTO Realty	CTO	9.0	cc	16.98	+0.07	.38
47.90	35.50	CTS	CTS	.4	23	43.43	–2.54	.04
48.87	16.79	C3.ai	AI	...	dd	20.72	–1.71	...
39.36	22.60	CVR Energy	CVI	6.1	4	32.82	–2.32	.50
104.86	60.50	CVR Partners	UAN	23.2	5	76.58	–1.97	1.68
83.25	64.41	CVS Health	CVS	3.8	11	69.75	+1.11	2.60
768.75	373.37	CableOne	CABO	3.0	9	395.61	+8.85	2.95
98.34	63.73	Cabot	CBT	1.7	12	92.01	–1.26	.40
57.00	31.37	Cactus	WHD	.9	20	50.58	–0.35	.12
19.70	16.29	Cadeler	CDLR	...	70	17.85	–0.92	...
31.45	16.95	CadenceBank	CADE	3.7	9	27.17	+0.34	.25
39.81	19.13	Cadre	CDRE	1.1	32	32.86	–0.72	.0875
25.04	18.26	CAE	CAE	...	29	18.63	–0.80	...
41.94	16.85	Caleres	CAL	.8	7	35.26	–0.17	.07
58.44	37.21	CaliforniaRscs	CRC	2.3	7	54.43	–1.36	.31
59.64	43.50	CalWtrSvc	CWT	2.4	52	45.79	+1.39	.26
53.90	28.95	Calix	CALX	...	65	29.28	–1.01	...
114.04	82.81	CamdenProperty	CPT	4.3	26	96.29	–1.65	1.03
52.64	25.22	Cameco	CCJ	...	78	48.10	–1.49	...
55.14	37.94	CampbellSoup	CPB	3.3	17	44.20	+1.89	.37
32.88	16.18	CampingWorld	CWH	2.2	42	22.33	–1.04	.125
22.65	9.80	CanadaGoose	GOOS	...	31	11.42	+0.63	...
51.14	34.35	CIBC	CM	5.3	10	47.57	–0.46	.6815
134.02	103.96	CanNtlRlwy	CNI	2.0	20	127.65	–0.80	.5734
82.58	52.66	CanadianNatRscs	CNQ	3.8	14	76.55	–2.68	.7373
91.58	68.92	CdnPacKC	CP	.7	27	84.68	–1.37	.1417
1.88	0.92	Cango	CANG	...	dd	1.40	–0.06	...
22.99	15.93	Cannae	CNNE	...	dd	19.61	–0.73	...
149.28	83.93	CapitalOne	COF	1.7	12	142.91	+3.29	.60
54.52	34.17	Capri	CPRI	...	22	38.53	–0.78	...
116.04	77.56	CardinalHealth	CAH	1.8	43	108.19	+3.09	.5006
24.62	18.18	CareTrustREIT	CTRE	4.9	49	23.69	+0.03	.29
403.44	205.10	Carlisle	CSL	.9	27	367.41	–5.73	.85
88.22	59.66	CarMax	KMX	...	23	68.34	–3.07	...
19.74	8.70	Carnival	CCL	...	55	14.12	–0.24	...
17.95	7.83	Carnival	CUK	...	50	12.73	–0.23	...
82.16	44.40	CarpenterTech	CRS	1.0	27	78.04	+0.54	.20
35.59	18.06	CarriageSvcs	CSV	1.9	11	24.00	–0.24	.1125
60.87	40.28	CarrierGlobal	CARR	1.4	34	53.53	–3.31	.19
22.84	14.82	Cars.com	CARS	...	9	16.44	–0.12	...
88.03	60.66	Carter's	CRI	4.5	11	71.75	–1.34	.80
94.04	6.70	Carvana	CVNA	...	96	71.36	–3.63	...
60.20	31.45	Catalent	CTLT	...	dd	55.48	–0.82	...
382.01	204.04	Caterpillar	CAT	1.5	18	354.66	–10.97	1.30
8.91	4.72	Cato	CATO	13.5	dd	5.04	+0.02	.17
217.00	2.11	Cazoo	CZOO	...	dd	4.98	–4.74	...
45.39	34.04	CedarFairRec	FUN	3.2	16	38.08	–1.11	.30
172.16	99.33	Celanese	CE	1.8	9	154.45	–1.59	.70
51.12	10.50	Celestica	CLS	...	20	40.73	–4.01	...
6.64	4.65	CementosPacasm	CPAC	...	10	5.23	+0.07	...
9.27	5.67	Cemex	CX	...	65	7.99	–0.57	...
246.75	163.37	Cencora	COR	.9	26	239.13	+5.13	.51
21.90	14.69	CenovusEnergy	CVE	1.5	13	20.85	–0.10	.1031
81.42	60.83	Centene	CNC	...	15	75.15	+4.42	...
31.44	25.42	CenterPointEner	CNP	2.8	21	28.53	+1.07	.20
7.23	4.47	CenterraGold	CGAU	3.4	dd	6.19	+0.20	.0522
66.99	46.74	Centerspace	CSR	4.6	36	64.89	+4.15	.75
9.11	6.45	CentraisElBras	EBR	.6	18	7.34	–0.31	.0443
22.00	13.22	CentralPacFin	CPF	5.4	9	19.29	+0.25	.26
11.60	5.30	CentralPuerto	CEPU	...	4	9.13	–1.10	...
97.92	58.01	CenturyComm	CCS	1.3	10	79.03	–4.24	.26
10.10	1.34	ChargePoint	CHPT	...	dd	1.36	–0.25	...
275.00	161.65	CharlesRiverLabs	CRL	...	25	226.78	–14.56	...
184.65	106.66	ChartIndustries	GTLS	...	cc	148.04	–6.27	...
11.32	8.92	ChathamLodging	CLDT	3.0	dd	9.29	–0.45	.07
5.20	1.64	CheetahMobile	CMCM	...	dd	3.54	–1.07	...
18.71	6.63	Chegg	CHGG	...	dd	7.09	–0.06	...
654.62	492.84	Chemed	CHE	.3	34	600.41	–18.10	.40
39.05	15.10	Chemours	CC	3.9	dd	25.91	–0.57	.25
183.46	135.30	CheniereEnergy	LNG	1.1	4	161.97	+5.18	.435
62.34	43.42	CheniereEnerPtrs	CQP	6.3	7	49.33	+2.63	.26
5.62	2.77	CherryHillMtg	CHMI	18.2	dd	3.30	–0.04	.15
132.91	83.80	ChesapeakeUtil	CPK	2.3	22	104.81	+2.75	.59
172.38	139.62	Chevron	CVX	4.1	14	160.00	+1.04	1.63
40.78	15.08	Chewy	CHWY	...	cc	16.15	–1.49	...
6.49	3.92	ChimeraInvt	CIM	10.7	19	4.11	+0.03	.11
4.08	1.61	ChinaGreenAg	CGA	...	dd	2.91	+0.05	...
12.50	7.36	ChinaYuchai	CYD	3.4	8	8.28	–0.06	.28
3023.98	1768.64	Chipotle	CMG	...	65	2869.11	–88.49	...
136.02	108.91	ChoiceHotels	CHH	1.0	23	116.35	–5.42	.2875
260.58	183.71	Chubb	CB	1.4	11	250.21	+4.40	.86
41.58	35.45	ChunghwaTel	CHT	3.0	25	37.85	–0.65	1.4779
105.67	82.25	Church&Dwight	CHD	1.1	34	104.35	+3.27	.2837
63.24	39.94	Ciena	CIEN	...	28	43.56	–2.04	...
365.71	240.50	Cigna	CI	1.6	20	352.39	+2.55	1.40
20.40	13.19	Cinemark	CNK	...	15	18.22	+0.43	...
63.90	38.17	Citigroup	C	3.6	17	59.14	–0.54	.53
36.38	22.77	CitizensFin	CFG	4.9	12	33.99	+0.85	.42
3.69	1.64	Citizens	CIA	...	4	2.03	+0.11	...
6.71	3.46	CityOfficeREIT	CIO	8.8	dd	4.57	+0.07	.10
28.01	17.87	Civeo	CVEO	3.9	13	25.65	+0.07	.25
86.58	60.38	CivitasRscs	CIVI	2.8	8	72.63	–1.63	.95
10.03	6.07	Clarivate	CLVT	.0	dd	6.99	–0.08	.00
15.25	8.37	ClarosMtg	CMTG	12.5	cc	8.95	+0.27	.25
204.06	129.70	CleanHarbors	CLH	...	28	193.71	–3.06	...
2.06	0.99	ClearChannelOutdr	CCO	...	dd	1.49	–0.03	...
27.75	15.28	ClearSecure	YOU	2.0	58	17.78	–1.59	.32
21.89	13.02	ClearwaterAnalytic	CWAN	...	dd	16.35	–0.09	...
44.21	29.22	ClearwaterPaper	CLW	...	6	40.03	–0.09	...
30.48	17.47	ClearwayEnergyA	CWENA	6.1	31	21.21	–0.06	.4033
31.72	18.59	ClearwayEnergyC	CWEN	6.6	34	22.79	–0.03	.4033
22.97	13.61	Cleveland-Cliffs	CLF	...	27	20.81	–0.83	...
6.86	3.64	ClipperRealty	CLPR	9.4	dd	4.04	–0.31	.095
178.21	114.69	Clorox	CLX	3.3	cc	143.55	+1.57	1.20
116.00	39.90	Cloudflare	NET	...	dd	84.10	–9.66	...
4.10	1.53	CN Finance	CNF	...	6	1.82	–0.03	...
64.99	51.55	Coca-Cola	KO	3.2	24	60.17	+1.89	.485
104.38	69.33	Coca-Cola Femsa	KOF	2.4	18	93.39	–3.73	1.6528
5.47	2.00	CoeurMining	CDE	...	dd	4.50	–0.14	...
78.58	50.05	Cohen&Steers	CNS	3.3	28	72.39	+2.45	.59
67.94	26.29	Coherent	COHR	...	dd	49.26	–4.34	...
90.37	67.62	ColgatePalm	CL	2.3	31	87.13	+1.28	.50
10.48	9.16	ColombierAcqnIIA	CLBR	...	...	10.33	–0.01	...
57.39	28.40	Comerica	CMA	5.5	10	51.56	+0.32	.71
335.25	129.77	ComfortSystems	FIX	.3	32	290.73	–16.85	.25
59.81	39.85	CommercialMetals	CMC	1.3	10	55.21	+0.01	.18
55.64	35.38	CommBkSys	CBU	4.0	18	44.50	+1.58	.45
6.53	2.01	CommunityHlthSys	CYH	...	dd	2.86	–0.14	...
37.15	24.50	CommunityHlthcr	CHCT	7.1	cc	25.51	+0.36	.4575
17.14	8.75	SABESP	SBS	1.5	15	15.49	–0.30	.2808
4.40	2.59	EngGr-Cmg C	CIG.C	6.8	6	3.00	+0.03	.1216
2.75	2.11	EngGr-Cmg	CIG	8.2	5	2.48	+0.01	.0299
8.91	5.72	COPEL	ELP	3.4	2	7.31	+0.07	.1588
8.25	6.07	COPEL	ELPC	...	10	6.44	+0.09	...
4.03	2.11	CiaSiderurgica	SID	16.2	dd	2.82	+0.01	.1175
17.74	10.82	CerveceriasUnid	CCU	1.9	18	11.93	–0.34	.1727
25.07	16.88	CompassDiversif	CODI	4.4	dd	22.81	–0.66	.25
4.49	1.82	Compass	COMP	...	dd	3.24	–0.37	...
39.78	13.10	CompassMinerals	CMP	4.5	dd	13.46	–0.84	.15
13.39	7.07	ComstockRscs	CRK	5.3	12	9.52	–0.04	.125
38.73	25.16	ConagraBrands	CAG	4.6	15	30.62	+1.31	.35
10.90	10.13	ConcordAcqnIIA	CNDA	...	48	10.56	+0.02	...
1.60	0.38	ConcordMed	CCM	...	dd	.55	–0.08	...
138.47	70.57	Conmed	CNMD	1.1	36	72.64	–1.94	.20
135.18	95.70	ConocoPhillips	COP	1.8	14	129.38	–1.82	.20
100.92	80.46	ConEd	ED	3.6	13	91.77	+3.14	.83
274.87	221.81	ConstBrands A	STZ	1.5	28	260.70	–1.54	1.01
23.20	13.40	Constellium	CSTM	...	23	20.72	–0.43	...
3.71	0.85	ContainerStore	TCS	...	dd	.86	–0.13	...
15.05	5.52	Volaris	VLRS	...	cc	7.80	+0.75	...
14.50	10.34	Cool	CLCO	15.1	3	10.88	–0.02	.41
22.74	9.87	Cooper-Standard	CPS	...	dd	15.75	–1.52	...
121.20	78.12	Copa	CPA	6.3	...	101.68	+5.28	1.61
60.83	25.16	Core&Main	CNM	...	25	54.17	–2.17	...
27.95	13.82	CoreLabs	CLB	.2	20	17.18	–0.32	.01
29.40	14.91	CorebridgeFin	CRBG	3.4	16	26.98	+0.20	.23
27.49	10.02	CoreCard	CCRD	...	30	11.88	+1.48	...
16.24	7.84	CoreCivic	CXW	...	25	14.73	–0.65	...
36.02	25.26	Corning	GLW	3.6	46	31.27	–0.22	.28
41.44	28.96	Vesta	VTMX	1.7	9	35.24	–0.45	.1444
319.94	204.04	Corpay	CPAY	...	22	294.29	–5.62	...
17.85	10.04	CorpAmAirports	CAAP	...	9	16.38	–0.45	...
62.10	43.22	Corteva	CTVA	1.2	54	54.80	+1.04	.16
17.51	10.70	Cosan	CSAN	...	dd	11.08	–0.57	...
11.85	7.71	Costamare	CMRE	4.2	4	10.93	–0.08	.115
29.89	22.91	CoterraEnergy	CTRA	2.9	13	27.75	+0.11	.21
13.46	9.02	Coty	COTY	...	32	11.15	+0.64	...
22.89	13.51	Coupang	CPNG	...	29	22.01	+0.76	...
21.26	9.91	Coursera	COUR	...	dd	11.95	–1.15	...
25.19	17.40	CousinsProperties	CUZ	5.8	41	22.17	–0.32	.32
139.34	67.28	Crane	CR	.6	35	129.48	–5.37	.205
63.36	46.14	CraneNXT	CXT	1.0	14	61.33	+0.42	.16
13.68	7.55	CrawfordA	CRD.A	2.8	16	9.90	–0.05	.07
13.51	7.37	CrawfordB	CRD.B	2.9	16	9.80	+0.10	.07
179.53	116.42	Credicorp	BAP	...	10	165.02	–0.09	...
14.22	9.17	CrescentEnergy	CRGY	4.4	9	10.97	–0.70	.12
9.07	6.03	CrescentPoint	CPG	3.4	12	8.69	–0.08	.0737
26.10	12.50	CrossTimbers	CRT	10.9	7	14.41	+1.31	.0194
128.27	84.72	CrownCastle	CCI	6.6	30	95.20	–1.51	1.565
96.35	69.61	Crown Holdings	CCK	1.3	21	77.67	+0.36	.25
47.81	33.17	CubeSmart	CUBE	4.9	23	42.05	–1.77	.51
120.31	82.25	Cullen/Frost	CFR	3.3	12	111.55	+3.54	.92
5.99	4.20	Culp	CULP	...	dd	4.54	+0.10	...
304.25	203.18	Cummins	CMI	2.3	56	287.56	–11.07	1.68
261.46	157.72	Curtiss-Wright	CW	.3	27	250.24	+0.83	.20
11.76	6.24	Cushman&Wkfd	CWK	...	dd	9.33	–0.55	...
7.53	4.42	CustomTruck	CTOS	...	25	5.18	–0.47	...
60.09	15.80	CustomersBancorp	CUBI	...	7	48.22	–0.80	...

D

4.22	1.97	DHI Group	DHX	...	32	2.48	+0.21	...
11.96	7.30	DHT	DHT	8.8	11	11.26	–0.11	.22
15.58	8.83	DNOW	DNOW	...	7	14.65	+0.01	...
13.85	6.48	DRDGOLD	DRD	4.0	10	8.55	+0.10	.1058
116.73	90.14	DTE Energy	DTE	3.8	16	108.57	+2.32	1.02
64.19	45.11	DT Midstream	DTM	4.4	16	63.23	+0.59	.735
3.20	0.40	D-WaveQuantum	QBTS	...	dd	1.59	–0.04	...
28.89	18.61	DXC Tech	DXC	...	dd	20.14	–0.16	...
19.75	11.10	Dana	DAN	3.3	46	12.15	+0.14	.10
259.00	182.09	Danaher	DHR	.5	37	235.51	–4.44	.27
80.39	53.89	Danaos	DAC	4.4	3	72.96	+0.70	.80
3.97	0.60	DanimerScientific	DNMR	...	dd	.78	–0.01	...
48.31	17.30	DaqoNewEnergy	DQ	...	4	22.11	–1.23	...
176.84	133.36	Darden	DRI	3.4	18	152.50	–0.55	1.31
71.60	38.97	DarlingIngred	DAR	...	11	42.61	–1.78	...
141.54	71.51	DaVita	DVA	...	17	127.82	–2.60	...
75.53	55.62	Dayforce	DAY	...	cc	58.75	–1.89	...
956.17	424.36	DeckersOutdoor	DECK	...	29	800.38	–13.99	...
450.00	345.55	Deere	DE	1.5	12	400.32	+3.05	1.47
58.81	36.50	DelekLogistics	DKL	11.0	13	38.42	+0.42	1.055
33.60	19.39	DelekUS	DK	3.3	cc	29.67	–1.96	.245
136.16	41.47	DellTechC	DELL	...	26	114.87	–2.89	...
49.81	30.60	DeltaAir	DAL	.8	6	47.57	+0.71	.10
21.97	13.61	Deluxe	DLX	6.1	33	19.71	+0.41	.30
13.44	6.14	DesignerBrands	DBI	2.3	24	8.79	+0.50	.05
2.30	0.46	DesktopMetal	DM	...	dd	.84	–0.11	...
13.23	4.92	Despegar.com	DESP	...	cc	11.65	–0.58	...
105.00	8.25	DestinyTech100	DXYZ	...	dd	28.39	–0.61	...
16.34	9.82	DeutscheBank	DB	...	7	15.91	+0.26	...
55.09	40.47	DevonEnergy	DVN	4.7	9	51.83	–1.59	.22
190.02	135.63	Diageo	DEO	2.8	20	140.76	+3.77	1.62
17.32	10.44	DiamondOffshore	DO	...	dd	12.94	–1.08	...
9.99	7.33	Diamondrock	DRH	1.4	24	8.83	–0.45	.03
4.16	2.81	DianaShipping	DSX	10.3	7	2.90	–0.01	.075
225.79	100.98	Dick's	DKS	2.3	16	195.08	–8.05	1.10
35.94	16.50	DieboldNixdorf	DBD	...	1	31.93	–1.16	...
154.18	86.33	DigitalRealty	DLR	3.6	46	136.83	–5.66	1.22
20.99	10.20	DigitalBridge	DBRG	.2	28	17.30	–1.21	.01
51.69	19.39	DigitalOcean	DOCN	...	cc	32.43	–2.68	...
476.48	272.58	Dillard's	DDS	.2	9	408.43	–2.16	.25
69.72	42.00	DineBrands	DIN	4.7	7	43.35	+0.53	.51
4.08	1.07	Dingdong	DDL	...	dd	1.15	–0.06	...
11.50	10.48	DirectSellingA	DSAQ	...	dd	11.18	+0.03	...
131.65	79.04	DiscoverFinSvcs	DFS	2.2	14	125.35	+4.44	.70
123.74	78.73	Disney	DIS	.7	69	112.61	–1.40	.45
26.00	10.54	DiversifiedEnergy	DEC	25.6	1	13.69	–0.43	.875
91.02	75.87	DolbyLab	DLB	1.5	40	78.18	–2.01	.30
14.01	10.55	Dole	DOLE	2.6	8	12.11	+0.44	.08
222.99	101.09	DollarGeneral	DG	1.6	19	144.82	–2.96	.59
11.08	3.86	Doma	DOMA	...	dd	6.01	–0.06	...
57.90	39.18	DominionEner	D	5.4	22	49.84	+0.93	.6675
508.44	285.84	Domino's	DPZ	1.3	32	473.55	–21.76	1.51
75.44	57.05	Donaldson	DCI	1.4	23	71.91	–1.56	.25
66.00	40.73	DonnelleyFin	DFIN	...	23	62.22	+0.07	...
49.54	21.02	DorianLPG	LPG	.0	5	39.80	+0.45	1.00
43.00	26.23	DoubleVerify	DV	...	72	29.43	–2.93	...
35.39	21.42	DouglasDynamics	PLOW	5.4	22	22.00	+0.10	.295
3.24	1.19	DouglasElliman	DOUG	...	dd	1.22	–0.19	...
16.12	10.09	DouglasEmmett	DEI	5.7	dd	13.31	+0.05	.19
178.28	127.25	Dover	DOV	1.2	23	169.84	–2.22	.51
60.69	47.26	Dow	DOW	4.9	70	56.66	–1.03	.70
37.06	19.71	Doximity	DOCS	...	37	24.63	–1.24	...
77.72	53.12	DrReddy'sLab	RDY	.6	19	71.14	–0.28	.4877
44.38	14.59	DreamFinders	DFH	...	12	33.79	–4.79	...
30.93	18.93	Dril-Quip	DRQ	...	cc	19.66	–2.03	...
15.37	7.78	DuckhornPtf	NAPA	...	14	8.25	+0.03	...
58.19	40.24	Ducommun	DCO	...	45	52.02	–2.82	...
100.39	83.06	DukeEnergy	DUK	4.2	27	98.24	+3.34	1.025
12.62	8.68	Dun&Bradstreet	DNB	2.2	dd	9.17	–0.25	.05
78.74	61.14	DuPont	DD	2.1	80	73.89	+0.09	.38
36.17	22.67	DutchBros	BROS	...	cc	29.97	–1.98	...
146.32	78.42	DycomInds	DY	...	18	135.56	–2.22	...
3.33	2.27	DynagasLNG	DLNG	...	3	3.28	+0.21	...
61.41	40.43	Dynatrace	DT	...	68	45.40	–0.45	...
13.56	9.57	DynexCapital	DX	13.3	dd	11.71	–0.08	.13

E

221.83	83.80	elfBeauty	ELF	...	69	156.73	–6.18	...
369.53	155.47	EMCOR	EME	.3	25	328.63	–23.25	.25
34.30	26.50	ENI	E	...	11	32.51	–0.61	...
139.67	106.32	EOG Rscs	EOG	2.7	10	133.17	–2.12	.91
317.50	197.99	EPAM Systems	EPAM	...	35	245.96	–13.20	...
49.10	39.02	EPR Prop	EPR	8.5	21	40.41	–0.27	.285
45.23	30.84	EQT	EQT	1.7	9	36.65	–0.60	.1575
114.77	55.37	ESAB	ESAB	.2	31	106.02	–1.91	.06
118.60	89.77	ESCO Tech	ESE	.3	28	100.92	–0.58	.08
2.12	0.61	ESSTech	GWH	...	dd	.69	+0.02	...
6.90	2.15	E2open	ETWO	...	dd	3.96	–0.20	...
272.72	143.44	EagleMaterials	EXP	.4	17	238.19	–16.71	.25
15.21	10.27	EasterlyGovtProp	DEA	9.1	60	11.59	+0.22	.265
188.85	154.75	EastGroup	EGP	3.2	36	159.27	–11.78	1.27
102.71	68.89	EastmanChem	EMN	3.4	13	96.42	–1.56	.81
6.34	3.17	EastmanKodak	KODK	...	8	4.62	–0.10	...
331.47	161.12	Eaton	ETN	1.2	38	303.02	–15.48	.94
231.86	156.72	Ecolab	ECL	1.0	46	218.16	–3.53	.57
13.14	8.59	Ecopetrol	EC	26.5	5	11.51	–0.19	.1479
12.35	8.26	Ecovyst	ECVT	...	17	9.95	–0.36	...
46.13	33.71	EdgewellPersonal	EPC	1.6	18	36.65	+0.86	.15
74.92	58.82	EdisonIntl	EIX	4.5	22	69.93	+1.30	.78
96.12	60.57	EdwardsLife	EW	...	37	85.94	–4.34	...
16.88	7.88	ElancoAnimal	ELAN	...	dd	12.95	–1.40	...
136.06	54.06	Elastic	ESTC	...	cc	96.19	–1.05	...
16.01	8.30	EldoradoGold	EGO	...	29	15.04	–0.10	...
25.81	17.08	ElementSolns	ESI	1.3	50	23.77	–0.84	.08
539.11	412.00	ElevanceHealth	ELV	1.2	20	531.42	+3.93	1.63
14.21	10.88	EllingtonFin	EFC	13.7	13	11.42	+0.23	.13
7.64	5.09	EllingtonResiMtg	EARN	14.3	27	6.72	+0.11	.08
18.13	12.44	ElmeComms	ELME	4.8	dd	14.86	...	.18
13.98	8.63	EmbotellAndinaA	AKO.A	6.0	10	12.83	+0.01	.1646
17.66	11.49	EmbotellAndinaB	AKO.B	5.2	12	16.46	+0.64	.181
27.25	12.48	Embraer	ERJ	...	27	23.79	–1.06	...
7.05	3.27	EmeraldHldg	EEX	...	dd	6.09	–0.13	...
4.28	1.54	Emeren	SOL	...	dd	1.70	–0.31	...
10.88	1.42	EmergentBiosol	EBS	...	dd	2.04	–0.02	...
115.26	76.94	EmersonElec	EMR	1.9	cc	108.58	–4.07	.525
10.32	5.43	EmpireStateRealty	ESRT	1.5	30	9.15	–0.05	.035
46.78	35.43	EmployersHldgs	EIG	2.5	10	44.36	+1.75	.28
21.80	8.27	EmpresaDisCom	EDN	...	dd	16.14	–1.37	...
40.30	31.03	Enbridge	ENB	7.8	17	34.86	+0.68	.6731
83.73	57.55	EncompassHealth	EHC	.8	23	79.22	–1.27	.15
81.06	29.54	Endava	DAVA	...	21	29.92	–0.68	...
26.63	17.65	Endeavor	EDR	.9	24	26.50	+0.09	.06
4.36	1.42	EndeavourSilver	EXK	...	85	2.61	–0.19	...
3.90	2.60	EnelChile	ENIC	10.0	3	2.92	–0.03	.0276
8.36	3.94	Enerflex	EFXT	1.3	dd	5.75	–0.39	.0184
37.32	26.92	Energizer	ENR	4.2	22	28.41	+0.97	.30
16.04	12.18	EnergyTransfer	ET	8.0	14	15.77	+0.35	.315
3.55	1.05	EnergyVault	NRGV	...	dd	1.08	–0.07	...
35.92	22.94	EnerpacTool	EPAC	.1	28	35.02	–0.02	.04
20.97	13.46	Enerplus	ERF	1.0	10	19.93	–0.74	.0607
113.34	79.90	EnerSys	ENS	1.0	14	90.50	–0.41	.225
11.56	7.37	Enfusion	ENFN	...	cc	9.24	–0.33	...
14.59	7.12	Enhabit	EHAB	...	dd	10.25

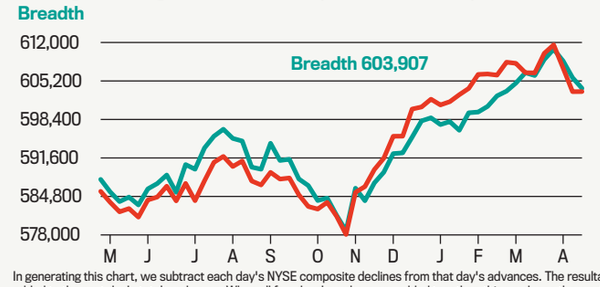
DATA

NEW YORK STOCK EXCHANGE COMPOSITE LIST

BARRONS.COM/DATA

NYSE Cumulative Daily Breadth vs DJIA

Beat It: NYSE Composite breadth fell for a third week. The S&P 500 had its worst week in a year, on worry that interest rates stay higher for longer. Losing NYSE stocks outpaced winners by more than 2 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.

–52-Week– High	Low	Name	Tick Sym	Yld	P/E	Last	Chg.	Div Amt.
29.50	20.07	GraphicPkg	GPK	1.5	12	27.35	–0.43	.10
10.69	5.44	GrayTelevision	GTN	5.4	dd	5.92	+0.36	.08
11.00	5.94	GrayTelevision A	GTN.A	5.4	dd	5.95	–1.10	.08
7.20	3.30	GreatAjax	AJX	11.5	dd	3.47	–0.27	.10
61.62	35.62	GreenBrickPtrs	GRBK	...	9	52.34	–3.37	...
21.37	7.30	GreenDot	GDOT	...	63	8.51	+0.51	...
58.00	25.41	Greenbrier	GBX	2.3	15	51.87	–0.34	.30
12.49	4.68	GreenfireResources	GFR	...	dd	6.19	–0.15	...
6.78	2.74	GreenTree	GHG	...	...	2.83	–0.23	...
82.27	61.10	GreifB	GEF.B	5.0	8	62.73	–2.77	.78
76.00	59.37	GreifA	GEF	3.4	11	61.36	–1.96	.52
17.57	14.49	GreystoneHousing	GHI	9.8	7	15.05	–0.21	.07
75.18	27.45	Griffon	GFF	.9	49	65.97	–1.62	.15
11.13	4.49	Grindr	GRND	...	dd	9.78	–0.46	...
310.08	214.25	Group1Auto	GPI	.7	6	265.53	–3.91	.47
3.81	1.37	GroveCollab	GROV	...	dd	1.63	+0.04	...
196.66	107.25	GpoAeroportuar	PAC	4.9	16	156.15	–6.611.943	
334.13	165.00	GpoAeroportSur	ASR	1.6	16	308.21	–8.805.727	
2.71	2.08	GpoAvalAcc	AVAL	5.5	17	2.38	–0.09.0084	
6.38	1.76	GpoSupervielle	SUPV	...	10	5.50	–0.33	...
5.41	2.10	GrupoTelevisa	TV	2.8	dd	2.81	–0.42.0985	
35.00	22.12	GuarantyBcshrs	GNTY	3.3	12	29.53	+0.66	.24
33.50	17.21	Guess	GES	4.7	8	25.69	–1.90	2.25
122.35	68.45	Guidewire	GWRE	...	dd	107.64	–3.61	...
15.06	9.45	GuildHldgs	GHLD	.0	dd	14.00	–0.12	.50
164.91	81.28	GulfportEnergy	GPOR	...	2	154.32	–2.59	...

H I

335.83	215.96	HCA Healthcare	HCA	.9	16	305.11	–17.71	.66
121.57	48.08	HCI Group	HCI	1.4	15	111.89	+2.54	.40
71.39	52.16	HDFC Bank	HDB	1.0	18	59.05	+2.00.6968	
64.16	37.12	HF Sinclair	DINO	3.5	7	56.85	–3.15	.50
45.47	24.81	HNI	HNI	3.0	41	42.14	+0.01	.32
33.90	25.22	HP	HPQ	4.0	8	27.81	–0.72.2756	
42.47	34.89	HSBC	HSBC	7.5	7	40.52	–0.11	1.55
5.30	2.15	HUYA	HUYA	.0	dd	4.41	–0.16	.64
95.26	70.74	Haemonetics	HAE	...	33	81.24	–3.98	...
8.19	4.50	Hafnia	HAFN	...	5	7.46	–0.07	...
10.36	7.52	Hagerty	HGTY	...	cc	8.85	+0.41	...
8.99	7.70	Haleon	HLN	1.8	29	8.22	+0.21.1064	
43.85	27.84	Halliburton	HAL	1.7	13	39.08	–0.59	.17
25.24	9.21	HamiltonBeach	HBB	2.1	12	21.13	–1.98	.11
16.35	12.44	HamiltonIns	HG	...	6	14.30	+1.32	...
5.86	3.54	Hanesbrands	HBI	...	dd	4.65	–0.20	...
29.88	13.22	HannonArmstrong	HASI	6.7	19	24.95	–0.69	.415
138.00	103.83	HanoverIns	THG	2.6	cc	131.08	+2.65	.85
44.16	25.43	HarleyDavidson	HOG	1.8	8	38.04	–1.67	.1725
9.80	3.41	HarmonyGold	HMY	1.0	12	9.29	+0.18	.0779
103.64	67.05	HartfordFinl	HIG	1.9	12	98.95	+1.17	.47
37.05	25.05	HavertyFurn	HVT	3.9	9	31.16	+0.49	.30
40.00	26.10	HavertyFurn A	HVT.A	3.7	9	30.36	–2.08	.28
40.16	8.74	HawaiianElec	HE	.0	6	10.91	+0.23	.36
10.50	10.16	HaymakerAcqnCorp.4	HYAC	...	66	10.45	...	...
16.04	9.80	Hayward	HAYW	...	36	13.21	–0.64	...
20.32	12.77	HealthcareRealty	HR	8.9	dd	13.96	–0.15	.31
22.38	15.24	HealthpeakProp	DOC	6.7	32	17.98	–0.54	.30
6.30	3.33	HeclaMining	HL	.3	dd	5.31	–0.11	.0025
200.64	153.63	Heico	HEI	.1	65	197.10	+5.34	.10
162.58	121.43	Heico A	HEI.A	.1	52	159.77	+3.74	.10
67.31	37.50	HeliosTech	HLIO	.8	40	45.94	–0.19	.09
12.14	6.19	HelixEnergy	HLX	...	dd	10.82	–0.78	...
46.55	30.41	Helm&Payne	HP	2.4	10	41.96	+0.17	.17
19.48	6.68	Herbalife	HLF	...	6	8.84	+0.74	...
171.00	93.97	HercHoldings	HRI	1.8	12	150.09	–7.76	.665
18.88	12.40	HerculesCapital	HTGC	8.7	8	18.46	+0.29	.08
11.23	3.15	HeritageInsurance	HRTG	...	6	9.58	+0.15	...
276.88	178.82	Hershey	HSY	3.0	20	185.02	–0.78	1.37
167.75	124.27	Hess	HES	1.1	34	154.35	+1.14	.4375
36.84	26.86	HessMidstream	HESM	7.2	17	35.33	+0.07	.6343
20.07	13.66	HewlettPackard	HPE	3.1	12	16.79	–0.63	.13
79.08	58.81	Hexcel	HXL	1.0	50	61.71	–0.85	.15
26.27	17.06	HighwoodsProp	HIW	8.3	17	24.18	–0.30	.50
53.76	37.19	Hillenbrand	HI	1.9	34	48.02	+1.18	.2225
35.66	26.78	Hilltop	HTH	2.3	18	29.99	+0.47	.17
49.02	33.14	HiltonGrandVac	HGV	...	15	43.21	–0.32	...
215.79	134.43	Hilton	HLT	.3	45	194.47	–10.63	.15
8.54	4.30	HimalayaShipping	HSHP	.0	cc	8.06	+0.31	.03
17.16	5.65	Hims&HersHealth	HIMS	...	dd	11.90	–2.06	...
25.49	6.65	Hippo	HIPO	...	dd	20.02	–2.47	...
14.38	8.50	HireRight	HRT	...	dd	14.24	...	...
8.06	2.08	Holley	HLLY	...	26	4.18	–0.03	...
25.80	19.61	HomeBancShares	HOMB	3.0	12	24.01	+1.08	.18
396.87	274.26	HomeDepot	HD	2.7	22	335.36	–7.51	2.25
37.90	25.75	HondaMotor	HMC	2.4	8	34.14	–1.96	.5503
38.29	27.81	HoraceMann	HMN	3.7	34	36.36	+2.21	.34
41.73	28.51	HormelFoods	HRL	3.3	24	34.74	+0.81	.2825
165.75	100.08	DR Horton	DHI	.8	10	142.19	–9.52	.30
133.80	84.90	HoulihanLokey	HLI	1.8	31	123.77	–1.27	.55
183.60	65.22	Hovnanian	HOV	...	5	130.26	–11.38	...
86.72	59.00	HowardHughes	HHH	...	dd	60.19	–4.10	...
69.55	42.18	HowmetAerospace	HWM	.3	35	63.41	–0.59	.05
429.61	229.83	Hubbell	HUBB	1.3	28	388.03	–13.71	1.22
693.85	399.49	HubSpot	HUBS	...	dd	631.24	–32.11	...
8.11	3.94	HudbayMinerals	HBM	.2	42	7.79	+0.17	.0074
9.86	4.05	HudsonPacProp	HPP	5.9	dd	5.93	–0.19	.05
541.21	299.23	Humana	HUM	1.1	17	328.33	+15.74	.885
299.50	188.51	HuntingIngalls	HII	1.9	16	271.66	–4.06	1.30
29.90	22.14	Huntsman	HUN	4.2	45	23.72	–0.37	.25
161.50	96.77	HyattHotels	H	.4	72	146.37	–6.38	.15
2.29	0.52	Hyliion	HYLN	...	dd	1.29	–0.13	...
72.40	38.50	HysterYaleMatls	HY	2.2	8	59.81	–2.06	.325

–52-Week– High	Low	Name	Tick Sym	Yld	P/E	Last	Chg.	Div Amt.
26.75	21.72	ICICI Bank	IBN	.4	18	25.68	–0.46	.1736
6.73	4.30	ICL Group	ICL	3.3	9	4.71	–0.02	.0476
112.96	86.43	IDACORP	IDA	3.5	18	93.90	+3.68	.83
38.68	21.64	IDT	IDT	...	25	36.68	–0.26	...
10.13	2.18	IHS Holding	IHS	...	dd	3.32	–0.03	...
17.18	11.78	ING Groep	ING	6.3	...	16.20	+0.39	.8205
2.96	0.57	INNOVATE	VATE	...	dd	.61	–0.06	...
18.71	12.48	Invesco	IVZ	5.2	dd	15.37	+0.03	.20
261.73	167.42	IQVIA	IQV	...	31	228.09	–6.14	...
10.40	5.59	IRSA	IRS	8.1	2	9.57	+0.16	.7874
138.29	75.82	ITT	ITT	1.0	25	124.96	–3.78	.319
3.92	1.99	IamGold	IAG	...	19	3.66	+0.05	...
246.36	183.77	IDEX	IEX	1.1	29	227.04	–5.63	.64
4.00	1.68	iHuman	IH	.0	4	1.72	–0.06	.10
271.15	217.06	IllinoisToolWks	ITW	2.2	26	250.46	–3.05	1.40
21.82	13.20	Imax	IMAX	...	37	17.13	+0.70	...
3.45	1.61	IndContractDrill	ICD	...	dd	1.91	–0.07	...
18.77	11.61	IndepRealty	IRT	4.1	dd	15.62	–0.38	.16
11.53	10.61	InFinTAcqnA	IFIN	...	58	11.49	...	...
39.80	13.29	Informatica	INFA	...	dd	35.19	–3.29	...
20.74	14.71	Infosys	INFY	1.4	22	16.81	–0.91	.1827
96.17	53.24	IngersollRand	IR	.1	46	88.40	–3.52	.02
72.76	36.66	Ingevity	NGVT	...	dd	44.44	–0.83	...
118.83	89.54	Ingredion	INGR	2.7	12	113.62	+3.47	.78
105.81	63.36	InnovativeIndProp	IIPR	7.7	16	94.23	–4.07	1.82
2.58	0.85	Innovid	CTV	...	dd	2.21	–0.19	...
131.09	90.80	Insperity	NSP	2.1	24	108.35	+2.43	.57
330.00	123.27	InspireMedical	INSP	...	dd	229.22	–2.52	...
263.76	103.51	InstalledBldg	IBP	.6	26	221.34	–19.42	1.60
39.38	26.87	InsteelInds	IIIN	.4	29	33.55	–0.87	.03
28.50	18.98	Instructure	INST	...	dd	19.07	–0.95	...
121.53	69.40	IntegerHoldings	ITGR	...	43	116.62	+0.85	...
12.42	10.56	IntegratedWellA	WEL	...	72	11.45	+0.05	...
140.43	103.81	ICE	ICE	1.4	31	131.21	–2.34	.45
112.08	65.22	InterContinentl	IHG	1.5	22	97.39	–0.86	1.04
30.59	17.94	IntercorpFinSvcs	IFS	4.7	9	21.26	–1.68	1.00
199.18	120.55	IBM	IBM	3.7	22	181.58	–0.69	1.66
97.49	62.11	IntlFlavors	IFF	1.9	dd	83.97	+0.36	.40
33.99	19.54	IntlGameTech	IGT	4.0	26	20.20	+0.22	.20
41.28	29.01	IntlPaper	IP	5.2	41	35.37	–1.77	.4625
55.59	34.77	IntlSeaways	INSW	.9	5	53.03	+0.87	1.20
40.95	27.20	Interpublic	IPG	4.3	11	30.72	+0.27	.33
28.30	17.23	IntrepidPotash	IPI	...	dd	19.66	–0.75	...
27.25	20.76	InvenTrust	IVT	3.6	cc	24.86	+0.56	.2155
12.37	6.34	InvescoMtg	IVR	19.4	dd	8.25	–0.22	.40
36.53	28.49	InvitatHomes	INVH	3.3	61	33.57	–0.35	.28
21.60	5.29	IonQ	IONQ	...	dd	7.09	–0.94	...
82.19	52.82	IronMountain	IRM	3.5	cc	75.10	–0.92	.65
7.27	4.85	ItauUnibanco	ITUB	...	9	6.05	–0.30	...

J

18.17	12.63	JBG SMITH Prop	JBGS	4.7	dd	14.84	–0.44	.175
21.67	11.02	JELD-WEN	JELD	...	22	18.29	–1.08	...
32.96	18.85	J.Jill	JILL	...	10	25.50	–0.44	...
200.94	131.81	JPMorganChase	JPM	2.5	11	185.80	+3.01	1.15
156.94	75.48	Jabil	JBL	.3	10	118.75	–15.32	.08
68.97	26.70	JacksonFinl	JXN	4.3	7	65.20	+1.82	.70
154.50	109.00	JacobsSolns	J	.8	26	143.83	–0.82	.29
41.98	21.76	JamesHardie	JHX	...	28	34.24	–2.42	...
33.25	22.18	JanusHenderson	JHG	5.1	13	30.68	–1.05	.39
15.86	8.66	JanusIntl	JBI	...	16	15.14	+1.05	...
47.39	28.81	JefferiesFinl	JEF	2.8	34	42.17	+0.37	.30
50.46	21.06	JinkoSolar	JKS	6.9	2	21.56	–1.46	1.50
11.98	3.72	JobyAviation	JOBY	...	dd	4.54	–0.08	...
125.88	88.97	JohnBeanTech	JBT	.4	5	91.71	–0.92	.10
175.97	143.13	J&J	JNJ	3.2	19	147.91	+0.39	1.24
70.43	47.90	JohnsonControls	JCI	2.3	21	63.66	–1.63	.37
200.14	119.46	JonesLang	JLL	...	38	175.11	–5.10	...
8.10	2.23	JumiaTech	JMIA	...	dd	3.94	–0.51	...
38.04	24.87	JuniperNetworks	JNPR	2.4	38	36.06	–0.59	.22

–52-Week– High	Low	Name	Tick Sym	Yld	P/E	Last	Chg.	Div Amt.
58.52	35.20	KB Financial	KB	4.0	5	46.24	–0.93	.3905
72.00	40.97	KB Home	KBH	1.3	8	61.03	–3.07	.25
65.87	49.37	KBR	KBR	1.0	dd	62.67	–0.07	.15
19.95	12.44	KE Holdings	BEKE	2.5	18	12.58	–0.58	.3089
103.48	47.79	KKR	KKR	.7	23	92.62	–4.67	.165
14.12	9.09	KKR RealEstFin	KREF	10.2	dd	9.76	+0.18	.25
1.76	0.12	KoreGroup	KORE	...	dd	.80	+0.08	...
15.35	11.04	KT	KT	...	8	12.20	–0.22	...
354.02	183.19	Kadant	KAI	.5	28	281.99	–11.78	.32
67.84	47.63	Kellanova	K	3.9	21	57.38	+1.96	.60
64.69	38.32	Kemper	KMPR	2.1	dd	58.01	+2.00	.31
30.60	22.08	Kennametal	KMT	3.3	16	24.51	+1.01	.20
17.43	7.85	Kennedy-Wilson	KW	11.3	dd	8.50	+0.15	.24
30.65	17.64	KenonHoldings	KEN	18.0	dd	21.12	+1.35	3.80
11.34	10.35	KensingtonCapAcqnV	KCGI.UT	...	...	10.86	–0.14	...
11.05	10.44	KensingtonCapV A	KCGI	...	30	10.93	+0.03	...
27.80	17.82	Kenvue	KVUE	4.1	25	19.58	+0.45	.20
15.86	8.54	KeyCorp	KEY	5.6	19	14.63	+0.02	.205
172.72	118.57	KeysightTech	KEYS	...	27	145.12	–9.98	...
43.37	25.99	KilroyRealty	KRC	6.5	18	33.09	–0.38	.54
147.87	116.32	KimberlyClark	KMB	3.8	24	126.83	+2.94	1.22
22.84	16.34	KimcoRealty	KIM	5.3	18	18.20	+0.10	.24
18.90	15.89	KinderMorgan	KMI	6.1	17	18.84	+0.71	.2875
40.42	26.32	Kinetik	KNTK	7.7	17	38.94	–0.07	.75
9.48	6.25	KingswayFin	KFS	...	9	8.63	+0.39	...
6.82	4.32	KinrossGold	KGC	1.8	20	6.77	+0.39	.03
548.47	297.33	KinsaleCapital	KNSL	.1	34	451.81	+0.85	.15
101.17	66.42	Kirby	KEX	...	26	95.81	–2.10	...
24.26	19.16	KiteRealty	KRG	4.7	97	20.89	+0.69	.25
39.47	22.49	Klaviyo	KVYO	...	...	22.73	–1.03	...
83.78	33.67	KnifeRiver	KNF	...	23	75.40	–6.05	...
60.99	45.73	Knight-Swift	KNX	1.3	36	48.14	–2.86	.16
7.00	4.28	KnotOffshore	KNOP	2.0	dd	5.10	–0.09	.026
18.48	12.78	Knowles	KN	...	19	15.26	–0.55	...
29.00	15.05	KodiakGasSvcs	KGS	5.6	83	27.01	+0.08	.38
29.65	17.68	Kohl's	KSS	8.6	8	23.19	+0.46	.50
24.27	17.75	Philips	PHG	.0	dd	19.98	–0.08	.9387
64.49	37.10	KontoorBrands	KTB	3.5	14	56.45	+2.49	.50
58.23	28.45	Koppers	KOP	.5	13	53.28	–1.77	.07
9.55	5.93	KoreaElecPwr	KEP	...	dd	7.36	+0.05	...
69.69	44.45	KornFerry	KFY	2.2	21	61.29	–0.20	.33
8.28	5.23	KosmosEnergy	KOS	...	13	5.98	–0.22	...
58.34	42.10	Kroger	KR	2.1	19	56.57	+1.37	.29
12.48	6.16	KronosWorldwide	KRO	6.7	dd	11.33	–0.06	.19
3.50	0.42	KukeMusic	KUKE	...	...	2.81	+0.62	...
22.90	11.36	Kyndryl	KD	...	dd	19.66	–0.80	...

L

137.07	102.39	LCI Inds	LCII	3.9	42	106.42	–2.49	1.05
6.69	3.67	LG Display	LPL	...	dd	3.86	+0.11	...
5.52	1.50	LL Flooring	LL	...	dd	1.52	–0.21	...
11.69	6.74	LSB Inds	LXU	...	22	8.05	–0.11	...
35.72	30.30	LTC Properties	LTC	7.2	15	31.80	+0.18	.19
218.34	160.25	L3HarrisTech	LHX	2.3	32	205.45	+2.83	1.16
10.75	7.75	LXP Industrial	LXP	6.1	cc	8.58	–0.49	.13
39.87	25.12	La-Z-Boy	LZB	2.4	12	33.53	–0.44	.20
234.09	179.58	LabCorp.ofAmerica	LH	...	43	201.48	–4.25	...
12.00	8.84	LadderCapital	LADR	8.8	13	10.48	–0.03	.23
117.38	77.41	LambWeston	LW	1.8	11	81.00	+1.23	.36
6.00	1.27	Lanvin	LANV	...	...	1.59	–0.01	...
65.58	43.77	LasVegasSands	LVS	1.8	22	45.46	–4.97	.20
42.24	25.82	Lazard	LAZ	5.3	dd	37.91	–0.46	.50
157.91	117.79	Lear	LEA	2.3	14	132.86	–0.84	.77
11.54	10.30	LearnCWInvtA	LCW	...	80	10.93	–0.01	...
33.50	17.19	Leggett&Platt	LEG	10.1	dd	18.26	+0.60	.46
131.50	76.58	Leidos	LDOS	1.2	88	124.91	–0.82	.38
24.81	10.27	Lemonade	LMND	...	dd	15.86	–0.92	...

–52-Week– High	Low	Name	Tick Sym	Yld	P/E	Last	Chg.	Div Amt.
10.92	4.73	LendingClub	LC	...	22	7.90	–0.19	...
172.59	102.90	Lennar A	LEN	1.3	11	150.19	–9.71	.50
155.30	93.62	Lennar B	LEN.B	1.5	10	137.06	–7.40	.50
501.72	256.74	LennoxIntl	LII	1.0	28	457.15	–14.01	1.10
22.39	12.42	LeviStrauss	LEVI	2.3	66	20.55	+1.32	.12
6.16	0.35	Li-Cycle	LICY	...	dd	.67	–0.19	...
23.31	11.62	LibertyEnergy	LBRT	1.3	8	22.38	–0.08	.07
22.41	11.10	LifeTime	LTH	...	38	14.01	–0.31	...
19.92	4.52	LifezoneMetals	LZM	...	dd	6.72	–0.89	...
1.70	0.64	LightInTheBox	LITB	...	dd	.75	–0.01	...
21.71	12.23	Lightspeed	LSPD	...	dd	12.93	–0.45	...
800.78	370.68	EliLilly	LLY	.7	cc	726.31	–25.33	1.30
32.43	18.50	LincolnNational	LNC	6.5	dd	27.65	–0.63	.45
137.31	106.46	Lindsay	LNN	1.2	19	117.37	+2.84	.35
2.68	0.92	LionElectric	LEV	...	dd	.97	–0.20	...
12.09	6.93	LionsGate A	LGF.A	...	dd	10.31	–0.45	...
11.33	6.63	LionsGate B	LGF.B	...	dd	9.57	–0.42	...
331.96	206.69	LithiaMotors	LAD	.8	7	261.00	–3.52	.50
8.48	3.84	LithiumAmArg	LAAC	...	dd	5.00	–0.18	...
12.38	3.81	LithiumAmericas	LAC	...	dd	4.73	–2.35	...
107.24	64.96	LiveNationEnt	LYV	...	68	89.96	–11.08	...
47.22	19.53	LiveOakBcshs	LOB	.3	23	37.90	–0.03	.03
42.66	22.52	LiveRamp	RAMP	...	dd	32.07	–1.62	...
12.50	5.71	LiveWire	LVWR	...	dd	7.56	+0.22	...
2.72	1.88	LloydsBanking	LYG	5.4	...	2.52	+0.05	.046
3.71	1.14	loanDepot	LDI	...	dd	2.34	–0.09	...
8.70	1.17	LocalBounti	LOCL	...	dd	2.49	+0.09	...
491.28	393.77	LockheedMartin	LMT	2.7	17	463.87	+13.47	3.15
78.55	55.31	Loews	L	.3	12	75.64	+1.74	.0625
7.87	5.64	LomaNegra	LOMA	17.8	20	6.90	–0.36	.4648
84.54	49.47	LouisianaPacific	LPX	1.4	29	72.11	–4.66	.26
262.49	181.85	Lowe's	LOW	1.9	17	230.24	–1.81	1.10
7.64	2.11	LufaxHolding	LU	7.1	19	4.34	+0.20	.156
2.70	0.78	LumenTech	LUMN	...	dd	1.31	–0.07	...
2.56	1.53	LumentFinance	LFT	11.8	8	2.38	...	.07
16.58	7.55	Luxfer	LXFR	5.3	dd	9.78	–0.37	.13
106.69	84.80	LyondellBasell	LYB	5.0	16	100.74	–0.79	1.25

M

148.23	108.53	M&T Bank	MTB	3.6	10	143.38	+8.82	1.30
14.37	5.21	MBIA	MBI	.0	dd	6.12	–0.12	8.00
25.79	18.04	MDU Rscs	MDU	2.1	12	24.01	–0.18	2.225
11.90	8.41	MFA Financial	MFA	13.4	25	10.43	–0.29	.35
22.43	13.97	MGIC Investment	MTG	2.3	8	19.83	+0.09	.115
51.35	34.12	MGM Resorts	MGM	...	13	42.42	–0.06	...
140.73	63.39	M/I Homes	MHO	...	7	111.09	–6.67	...
29.92	14.46	MinisoGroup	MNSO	1.9	18	20.46	–0.71	.29
3.17	1.41	MOGU	MOGU	...	dd	1.99	+0.02	...
42.89	33.12	MPLX	MPLX	8.4	11	40.68	+0.04	.85
26.53	12.68	MP Materials	MP	...	cc	16.45	–0.39	...
13.00	8.15	MRC Global	MRC	...	12	11.79	–0.29	...
196.02	122.57	MSA Safety	MSA	1.0	cc	185.38	–4.92	.47
617.39	451.55	MSCI	MSCI	1.3	35	510.07	–16.55	1.60
105.77	88.14	MSC Industrial	MSM	3.6	17	92.46	–0.22	.83
13.95	8.85	MV Oil	MVO	15.3	7	9.79	–0.02	.33
5.84	2.05	Mytheresa	MYTE	...	dd	3.83	+0.18	...
17.69	9.05	Macerich	MAC	4.4	dd	15.29	–0.79	.17
20.84	14.40	MachNaturalRscs	MNR	18.6	...	20.41	–0.35	.95
22.10	10.54	Macy's	M	3.7	50	18.53	–0.77	.1737
40.81	27.55	MSG Ent	MSGE	...	25	37.94	–1.22	...
215.79	164.79	MSG Sports	MSGS	...	cc	179.89	–1.98	...
65.27	46.71	MagnaIntl	MGA	3.9	11	48.34	–1.50	.475
11.68	4.76	Magnachip	MX	...	dd	4.78	–0.48	...
27.33	18.72	MagnoliaOil	MGY	1.9	13	25.62	–1.06	.13
47.82	37.70	MainStreetCap	MAIN	6.0	9	47.62	+0.68	.24
26.64	13.50	ManchesterUnited	MANU	...	dd	15.10	+0.39	...
19.81	12.20	Manitowoc	MTW	...	12	12.88	–0.69	...
88.91	67.35	Manpower	MAN	3.9	77	74.84	+3.71	1.47
25.14	17.07	ManulifeFinl	MFC	3.8	12	23.07	–0.12	.2694
30.06	21.63	MarathonOil	MRO	1.5	11	27.50	–1.59	.11
221.11	104.32	MarathonPetrol	MPC	1.7	8	196.38	–12.39	.825
44.24	26.81	Marcus&Millichap	MMI	1.6	dd	31.02	–1.33	.25
17.84	12.78	Marcus	MCS	2.1	47	13.21	+0.09	.07
1.62	0.16	MariaDB	MRDB	...	dd	.54	+0.05	...
17.81	9.18	MarineProducts	MPX	4.9	9	11.33	+0.26	.14
42.88	25.60	MarineMax	HZO	...	7	28.03	+0.58	...

DATA

NEW YORK STOCK EXCHANGE COMPOSITE LIST

BARRONS.COM/DATA

–52-Week– High	Low	Name	Tick Sym	Yld	P/E	Last	Chg.	Div Amt.
26.30	18.02	NorthAmConstr	NOA	1.4	13	20.54	–0.51	.074
16.36	4.77	NoEuroOil	NRT	19.1	5	6.85	–0.30	.05
43.64	29.57	NorthernOil&Gas	NOG	3.8	4	42.50	–0.14	.40
496.89	414.56	NorthropGrum	NOC	1.6	34	462.58	+6.47	1.87
48.37	34.95	NorthwestNat	NWN	5.2	15	37.68	+1.55	.4875
22.75	12.41	NorwegCruise	NCLH	...	78	18.29	+0.52	...
4.28	1.85	NouveauMonde	NMG	...	dd	2.02	–0.17	...
108.78	88.86	Novartis	NVS	3.4	13	94.36	+0.84	3.7772
138.28	75.56	NovoNordisk	NVO	.8	45	122.71	–1.80	.9293
12.39	4.85	NuHoldings	NU	...	49	10.48	–0.81	...
41.50	11.84	NuSkinEnts	NUS	1.8	77	13.01	+0.96	.06
203.00	129.79	Nucor	NUE	1.1	11	191.36	–3.17	.54
11.21	1.81	NuScalePower	SMR	...	dd	4.85	–0.42	...
24.50	14.70	NuSTAREnergy	NS	7.2	31	22.11	+0.86	.40
71.74	47.90	Nutrien	NTR	4.1	21	52.78	–0.14	.54
4.16	0.95	NuvationBio	NUVB	...	dd	2.60	–0.37	...
78.98	40.19	nVentElectric	NVT	1.1	21	71.63	–2.54	.19
O								
39.04	22.34	OFGBancorp	OFG	2.9	9	34.82	+0.45	.25
38.04	31.25	OGE Energy	OGE	4.9	16	34.05	+1.13	.4182
23.57	13.56	O-I Glass	OI	...	dd	14.57	–0.73	...
83.89	55.50	ONE Gas	OGS	4.1	16	64.39	+2.31	.66
80.81	55.91	ONEOK	OKE	5.0	14	79.63	+0.93	.99
9.55	5.73	ON24	ONTF	.0	dd	6.63	–0.36	1.09
17.70	12.86	Openlane	KAR	...	dd	16.99	–0.49	...
71.19	55.12	OccidentalPetrol	OXY	1.3	17	66.63	–2.38	.22
27.46	14.99	OceaneeringInt	OII	...	24	22.60	–1.37	...
35.79	21.15	OcwenFinancial	OCN	...	dd	23.45	–0.13	...
15.20	6.00	Offerpad	OPAD	...	dd	7.49	+0.18	...
78.09	36.84	Oil-Dri	ODC	1.7	13	69.06	+0.03	.29
9.02	5.22	OilStatesIntl	OIS	...	28	5.56	–0.31	...
32.46	20.00	OkeanisEcoTankers	ECO	.0	6	30.55	–0.36	.66
31.22	24.03	OldRepublic	ORI	3.6	14	29.76	+0.42	.265
60.60	41.71	Olin	OLN	1.5	15	53.59	–0.84	.20
8.84	4.25	Olo	OLO	...	dd	4.67	–0.32	...
34.77	26.00	OmegaHealthcare	OHI	8.8	31	30.42	–0.08	.67
99.23	72.20	Omnicom	OMC	3.0	13	92.62	+2.03	.70
37.08	23.41	OnHolding	ONON	...	cc	31.58	–1.29	...
23.43	17.55	OneLiberty	OLP	8.1	16	22.14	+0.11	.45
6.00	1.77	OneConnectFin	OCFT	...	dd	1.87	–0.08	...
51.65	33.67	OneMain	OMF	8.2	9	48.70	+1.98	1.00
199.72	76.40	OntoInnovation	ONTO	...	69	169.39	–14.73	...
15.66	6.86	Ooma	OOMA	...	dd	7.06	–0.34	...
42.41	32.82	Oppenheimer A	OPY	1.6	15	37.66	+0.04	.15
5.34	1.81	OppFi	OPFI	.0	dd	2.99	–0.21	.12
132.77	93.29	Oracle	ORCL	1.4	30	114.88	–6.23	.40
13.08	10.97	Orange	ORAN	5.0	13	11.51	+0.48	.3205
11.27	5.90	OrchidIsland	ORC	17.4	dd	8.26	–0.13	.12
24.79	10.84	Organon	OGN	6.3	4	17.82	+0.37	.28
36.91	25.59	OriginBancorp	OBK	2.1	11	29.16	+0.80	.15
9.84	2.33	OrionGroup	ORN	...	dd	7.90	–0.15	...
7.07	3.01	OrionOffice	ONL	12.7	dd	3.16	...	.10
28.48	19.32	Orion	OEC	.3	14	24.09	–0.22	.0207
113.43	82.67	Orix	IX	2.5	12	101.44	–4.25	1.4781
88.64	58.73	OrmatTech	ORA	.8	31	63.75	–0.55	.12
18.55	4.72	OscarHealth	OSCR	...	dd	16.01	+1.27	...
127.98	72.09	Oshkosh	OSK	1.6	13	117.72	–4.29	.46
12.12	9.63	OsirisAcqn	OSI	...	dd	10.71	...	...
5.48	1.87	OsiskoDevelopment	ODV	...	dd	2.23	–0.14	...
17.96	11.24	OsiskoGold	OR	1.1	dd	16.11	–0.01	.0452
100.35	73.32	OtisWorldwide	OTIS	1.4	28	95.11	–1.05	.34
11.40	3.21	Ouster	OUST	...	dd	7.16	–0.57	...
17.02	8.18	OutfrontMedia	OUT	8.1	dd	14.83	–0.80	.30
6.74	3.40	OverseasShip	OSG	4.0	8	5.98	+0.01	.06
55.95	32.07	Ovintiv	OVV	2.3	7	51.98	–1.76	.30
28.35	13.34	Owens&Minor	OMI	...	dd	24.79	–0.79	...
173.65	98.02	OwensCorning	OC	1.5	12	160.11	–5.40	.60
7.50	2.52	Owlet	OWLT	...	dd	3.86	+0.24	...
113.88	82.33	OxfordIndustries	OXM	2.6	28	104.72	–0.33	.67
PQ								
25.00	22.61	PACS Group	PACS	...	...	23.65	–0.35	...
62.88	31.26	PBF Energy	PBF	1.8	3	55.92	–3.80	.25
18.32	14.71	PG&E	PCG	.2	16	16.85	+0.25	.01
40.12	23.46	PHINIA	PHIN	2.7	15	37.46	...	.25
3.89	2.51	PHX Minerals	PHX	3.5	9	3.42	+0.12	.03
107.35	59.61	PJT Partners	PJT	1.1	33	91.76	–1.26	.25
30.39	19.02	PLDT	PHI	7.8	10	23.16	–0.64	.8233
162.24	109.40	PNC Finl	PNC	4.1	13	152.30	+1.67	1.55
49.07	34.63	PNM Resources	PNM	4.2	36	36.61	+0.38	.3875
133.09	67.42	POSCO	PKX	1.6	16	70.59	+0.24	.4726
152.89	120.33	PPG Ind	PPG	2.0	22	130.90	–3.53	.65
29.04	22.20	PPL	PPL	3.8	27	27.02	+0.39	.2575
44.81	24.28	ProgHoldings	PRG	1.5	11	32.01	+0.34	.12
40.99	24.61	PROS	PRO	...	dd	33.28	–2.46	...
35.57	3.86	PSQ	PSQH	...	dd	3.93	–0.60	...
13.41	7.13	P10	PX	1.7	dd	7.49	–0.20	.0325
141.15	69.27	PVH	PVH	.1	10	106.78	+1.19	.0375
191.27	122.20	PackagingCpAm	PKG	2.8	21	179.89	–2.31	1.25
34.28	19.18	PagerDuty	PD	...	dd	20.61	–1.51	...
14.98	6.93	PagSeguroDig	PAGS	...	11	11.48	–1.10	...
27.50	7.28	PalantirTech	PLTR	...	cc	20.47	–2.20	...
52.17	32.10	PampaEnergia	PAM	...	8	43.08	–2.10	...
20.60	12.16	PanAmerSilver	PAAS	2.1	dd	19.07	–0.09	.10
40.70	20.30	ParPacific	PARR	...	3	31.76	–2.77	...
49.84	24.76	ParTechnology	PAR	...	dd	40.09	–3.28	...
19.72	7.95	Paragon28	FNA	...	dd	9.80	–0.45	...
5.92	4.06	ParamountGroup	PGRE	3.1	dd	4.57	–0.12	.035
16.96	11.91	ParkAerospace	PKE	3.3	33	15.20	–0.12	.125
18.05	11.05	ParkHotels	PK	4.3	34	16.15	–0.87	.25
570.15	309.89	ParkerHannifin	PH	1.1	26	534.65	–15.67	1.48
85.44	42.23	Parsons	PSN	...	55	77.49	–2.92	...
374.04	146.15	PaycomSoftware	PAYC	.8	31	183.25	–14.75	.375
25.21	7.76	Paymentus	PAY	...	cc	19.31	–0.81	...
17.18	9.25	Paysafe	PSFE	...	dd	14.23	–1.23	...
27.24	17.71	PeabodyEnergy	BTU	1.2	5	24.08	+0.99	.075
39.91	12.10	PeakstoneRealty	PKST	7.0	dd	12.88	–0.89	.225
13.18	9.29	Pearson	PSO	2.3	19	12.30	–0.12	.09
16.65	11.39	PebblebrookHotel	PEB	.3	dd	14.63	–0.67	.01
15.06	7.70	PediatrixMedical	MD	...	dd	9.03	–0.21	...
11.50	10.13	PegasusDigA	PGSS	...	dd	10.59	–0.79	...
36.17	28.15	PembinaPipeline	PBA	5.7	16	34.88	+0.17	.4973
7.27	4.70	PennantPark	PNNT	12.0	9	7.01	+0.20	.07
94.78	56.16	PennyMacFin	PFSI	.9	32	87.96	+0.03	.20
15.89	10.52	PennyMacMtg	PMT	11.8	8	13.56	+0.01	.40
180.84	133.72	PenskeAuto	PAG	2.1	10	147.94	–2.07	.87
85.81	52.28	Pentair	PNR	1.2	21	78.53	–2.57	.23
348.67	180.93	Penumbra	PEN	...	87	202.72	–14.73	...
6.20	2.13	Perfect	PERF	...	43	2.30	–0.36	...
78.54	52.92	PerformanceFood	PFGC	...	25	68.48	–0.74	...
8.41	2.79	PerimeterSolns	PRM	...	18	7.02	–0.23	...
27.15	10.95	PermianBasin	PBT	4.9	20	12.15	–0.03	.0413
18.28	8.94	PermianRscs	PR	1.2	15	17.08	–0.65	.10
3.16	1.31	PermianvilleRT	PVL	11.3	3	1.47	–0.03	.0772
6.99	3.99	PermRock	PRT	11.6	8	4.11	–0.09	.023
40.28	25.77	Perrigo	PRGO	3.6	dd	30.80	+0.48	.276
17.91	10.01	PetroleoBrasil	PBR	12.6	4	16.47	+0.75	.2034
17.32	8.94	PetroleoBrasilA	PBR.A	13.3	4	15.59	+0.42	.2034
40.37	25.23	Pfizer	PFE	6.5	72	26.00	+0.14	.42
100.79	87.23	PhilipMorris	PM	5.5	19	93.77	+4.92	1.30
174.08	89.74	Phillips66	PSX	3.0	10	154.71	–7.78	1.15
4.14	1.10	PhoenixNewMedia	FENG	...	dd	1.82	–0.21	...
34.98	12.05	Phreesia	PHR	...	dd	21.70	–1.88	...
8.05	4.91	PiedmontOfficeA	PDM	7.7	dd	6.50	–0.10	.125
86.03	65.20	PinnacleWest	PNW	4.7	17	74.40	+2.16	.88
16.00	2.72	Pinstripes	PNST	...	dd	2.92	–0.26	...
41.60	20.60	Pinterest	PINS	...	dd	32.40	–1.14	...
278.83	196.75	PioneerNatRscs	PXD	4.0	13	270.31	–0.49	1.31
202.76	120.97	PiperSandler	PIPR	1.3	38	185.77	–4.83	1.00
4.58	2.80	PitneyBowes	PBI	5.0	dd	3.99	–0.08	.05
84.48	44.13	PlanetFitness	PLNT	...	36	58.68	–2.61	...
5.00	1.68	PlanetLabs	PL	...	dd	1.75	–0.26	...
10.14	4.53	PlayAGS	AGS	...	cc	8.48	–0.61	...
25.55	19.21	PlymouthIndREIT	PLYM	4.7	cc	20.33	–0.99	.24
138.49	82.00	Polaris	PII	3.0	10	87.39	–3.16	.66
51.58	38.01	PortlandGenElec	POR	4.4	18	42.80	+2.24	.475
107.67	78.85	PostHoldings	POST	...	23	104.00	+4.05	...
15.71	12.98	PostalRealty	PSTL	7.0	cc	13.76	+0.09	.24
25.16	16.41	PowerSchool	PWSC	...	dd	17.46	–3.12	...
77.21	41.56	PrecisionDrilling	PDS	...	5	66.82	–3.84	...
75.31	52.90	PrestigeCnsHlth	PBH	...	dd	69.67	+1.44	...
256.56	173.00	Primerica	PRI	1.4	14	215.04	–7.05	.75
18.49	12.27	PrimoWater	PRMW	2.0	40	18.43	+0.86	.09
47.87	23.48	PrimorisSvcs	PRIM	.6	19	43.53	–1.97	.06
19.38	11.76	ProAssurance	PRA	...	dd	13.39	+0.13	...
83.35	48.11	ProcoreTech	PCOR	...	dd	70.29	–3.15	...
163.14	141.45	Procter&Gamble	PG	2.4	26	158.14	+2.81	1.0065
215.18	111.41	Progressive	PGR	.2	22	214.69	+10.79	.10
137.52	96.64	Prologis	PLD	3.7	31	103.49	–15.51	.96
4.75	3.15	PropertyGuru	PGRU	...	dd	3.73	+0.01	...
11.37	6.33	ProPetro	PUMP	...	11	8.54	+0.11	...
68.88	49.60	ProsperityBcshs	PB	3.7	13	60.77	+0.41	.56
41.87	23.01	ProtoLabs	PRLB	...	48	31.96	–0.29	...
19.62	13.21	ProvidentFinSvcs	PFS	6.6	9	14.46	+0.40	.24
118.69	77.22	PrudentialFini	PRU	4.7	16	110.61	+0.92	1.30
30.91	17.12	Prudential	PUK	...	15	18.13	+0.61	...
67.51	53.71	PublicServiceEnt	PEG	3.7	13	65.74	–0.13	.60
312.25	233.18	PublicStorage	PSA	4.6	24	260.38	–11.76	3.00
121.08	62.18	PulteGroup	PHM	.8	9	105.43	–5.46	.20
58.46	22.14	PureStorage	PSTG	...	cc	49.46	–3.97	...
11.32	10.54	PyrophyteAcqn	PHYT	...	36	11.30	–0.02	...
53.96	21.21	Q2	QTWO	...	dd	50.00	–1.56	...
49.18	35.81	Qiagen	QGEN	.0	26	40.00	–0.18	1.28
6.75	2.68	QuadGraphics	QUAD	4.3	dd	4.63	–0.15	.05
221.94	138.67	QuakerHoughton	KWR	1.0	30	190.49	–3.28	.455
39.31	18.71	QuanexBldg	NX	.9	13	34.64	–1.23	.08
265.82	153.74	QuantaServices	PWR	.1	49	243.26	–11.43	.09
13.86	4.99	QuantumScape	QS	...	dd	5.36	–0.45	...
2.60	1.15	Qudian	QD	...	cc	2.28	–0.14	...
148.62	119.59	QuestDiag	DGX	2.3	17	128.44	–0.09	.75
R								
288.16	195.18	RBC Bearings	RBC	...	41	244.86	–9.88	...
77.99	51.07	RB Global	RBA	1.5	86	72.61	–0.45	.27
11.89	10.46	RCF Acqn A	RCFA	...	25	11.23	+0.05	...
44.75	30.10	RELX	RELX	1.8	35	41.07	–0.70	.5263
20.48	6.95	RE/MAX	RMAX	12.7	dd	7.25	–0.28	.23
23.85	9.85	REV	REVG	.9	5	21.21	–1.25	.05
406.38	207.26	RH	RH	...	43	240.41	–14.77	...
149.65	123.05	RLI	RLI	.8	21	140.21	+3.00	.27
12.39	9.07	RLJ Lodging	RLJ	3.6	34	11.04	–0.49	.10
2.63	1.39	RLX Tech	RLX	.4	32	1.78	+0.02	.008
9.41	6.34	RPC	RES	2.0	9	7.96	+0.09	.04
120.74	78.52	RPM	RPM	1.7	25	106.57	–1.88	.46
103.24	68.56	RTX	RTX	2.3	45	101.56	+1.46	.59
24.33	16.94	RXO	RXO	...	cc	19.37	–1.24	...
33.69	22.94	RadianGroup	RDN	3.3	8	29.66	–0.59	.245
2.52	1.44	Rafael	RFL	...	21	1.76	+0.10	...
192.03	103.17	RalphLauren	RL	1.9	18	158.46	–1.83	.75
37.88	23.92	RangeResources	RRC	.9	10	35.27	–0.74	.08
14.64	9.27	RangerEnergySvcs	RNGR	1.8	11	10.85	–0.74	.05
8.29	2.63	Ranpak	PACK	...	dd	7.19	–0.20	...
131.19	82.00	RaymondJames	RJF	1.5	15	123.60	+1.05	.45
5.76	2.66	RayonierAdvMatls	RYAM	...	dd	4.30	–0.23	...
35.29	24.84	Rayonier	RYN	3.8	26	30.35	–1.34	.285
11.97	8.25	ReadyCapital	RC	13.9	4	8.62	+0.30	.30
64.18	45.04	RealtyIncome	O	5.8	42	53.04	+1.02	.257
74.90	37.35	Reddit	RDDT	...	dd	40.88	–1.39	...
4.79	2.35	Redwire	RDW	...	dd	3.54	–0.32	...
8.30	5.46	RedwoodTrust	RWT	11.3	dd	5.68	–0.05	.16
183.85	97.18	RegalRexnord	RRX	.9	dd	159.71	–3.38	.35
34.60	20.50	RegionalMgmt	RM	4.8	15	25.20	+0.20	.30
21.08	13.72	RegionsFinl	RF	5.1	10	18.90	–0.29	.24
196.25	133.13	ReinsGrp	RGA	1.8	14	186.52	+2.14	.85
342.20	229.12	Reliance	RS	1.4	14	319.49	–6.04	1.10
239.42	174.22	RenaissanceRe	RNR	.7	4	224.74	+8.96	.39
34.85	22.99	Renasant	RNST	3.0	12	29.80	+1.00	.22
41.55	23.39	RentokilInit	RTO	1.8	28	26.45	–1.77	.3784
17.93	6.25	ReposiTrak	TRAK	.4	54	15.17	–1.12	.0165
192.57	135.33	RepublicSvcs	RSG	1.1	35	189.76	+1.94	.535
23.21	14.20	ResideoTech	REZI	...	14	19.27	–1.81	...
243.52	132.24	ResMed	RMD	1.1	30	178.85	–7.01	.48
83.29	61.77	RestaurantBrands	QSR	3.2	19	71.42	+0.15	.58
23.19	12.25	Revolve	RVLV	...	50	19.20	+0.49	...
135.67	79.50	Revvity	RVTY	.3	18	100.86	–2.63	.07
60.79	27.47	RexAmerRscs	REX	...	16	56.24	–0.48	...
58.02	41.56	RexfordIndlRealty	REXR	3.9	39	42.74	–3.94	.4175
11.39	10.48	RigelResourceA	RRAC	...	53	11.25	+0.02	...
43.28	25.08	RingCentral	RNG	...	dd	29.36	–2.05	...
75.09	58.27	RioTinto	RIO	6.5	11	66.97	+0.98	2.58
5.64	3.48	Riskified	RSKD	...	dd	4.87	–0.21	...
11.33	7.59	RithmCapital	RITM	9.2	10	10.82	+0.22	.25
88.39	64.65	RobertHalf	RHI	3.0	18	70.23	–1.84	.53
47.20	24.88	Roblox	RBLX	...	dd	35.34	–3.03	...
15.19	7.17	RocketCos.	RKT	...	dd	11.68	–0.57	...
348.52	252.11	Rockwell	ROK	1.9	26	269.96	–14.86	1.25
50.00	36.55	RogersComm B	RCI	3.8	32	38.54	+0.48	.3676
173.16	105.48	Rogers	ROG	...	36	109.16	–1.71	...
47.45	32.19	Rollins	ROL	1.4	48	42.51	–1.84	.15
103.88	77.90	RoyalBkCanada	RY	4.2	12	97.86	–0.67	1.0207
141.70	59.37	RoyalCaribbean	RCL	...	21	129.21	+1.54	...
13.84	0.29	RubiconTech	RBT	...	dd	.34	–0.01	...
7.31	2.85	RushStreetInt	RSI	...	dd	5.98	–0.71	...
56.52	39.44	RyanSpecialty	RYAN	.9	cc	51.22	+1.27	.23
121.58	76.15	RyderSystem	R	2.6	12	108.71	–6.12	.71
44.70	26.15	RyersonHolding	RYI	2.3	8	32.00	–0.63	1.875
122.91	79.86	RymanHospitality	RHP	4.0	20	104.43	–6.62	1.10
S								
199.29	126.75	SAP	SAP	1.0	60	175.77	–5.01	2.3852
461.16	338.92	S&P Global	SPGI	.9	50	412.56	–5.25	.91
11.54	10.30	SDCLEDGEAcqn	SEDA	...	68	11.04	+0.05	...
15.24	7.51	SeacorMarine	SMHI	...	dd	12.45	–0.77	...
3.21	1.16	SES AI	SES	...	dd	1.27	–0.22	...
13.74	8.43	SFL	SFL	8.2	...	12.71	+0.13	.26
14.71	10.88	SITE Centers	SITC	3.8	11	13.65	–0.15	.13
79.48	51.37	SJW Group	SJW	2.9	20	54.27	+1.45	.40
22.71	18.52	SK Telecom	SKM	4.2	10	20.12	+0.11	.3482
55.75	20.51	SLGreenRealty	SLG	6.1	dd	49.58	–1.61	.25
53.26	25.04	SM Energy	SM	1.5	7	48.09	–2.64	.18
9.50	1.05	SOS	SOS	...	...	1.16	–0.01	...
124.81	61.09	SPX Tech	SPXC	...	37	116.23	–4.53	...
39.61	31.69	STAG Indl	STAG	4.2	33	34.93	–2.16	.1233
79.12	55.60	SabineRoyalty	SBR	9.3	10	63.82	–3.05	5.355
13.15	10.11	SableOffshoreA	SOC	...	dd	10.39	–0.57	...
5.15	2.97	SafeBulkers	SB	4.2	8	4.81	+0.10	.05
29.56	15.00	Safehold	SAFE	3.7	dd	18.96	–0.12	.177
318.71	190.57	Salesforce	CRM	.6	64	270.37	–23.95	.40
14.64	7.21	SallyBeauty	SBH	...	7	10.60	–0.32	...
40.54	16.63	Samsara	IOT	...	dd	30.15	–1.73	...
9.54	4.37	SanJuanBasin	SJT	22.2	4	4.55	–0.64	.0413
17.80	11.51	SandRidgeEnergy	SD	2.8	9	14.53	–0.36	.11
6.24	3.96	SandstormGold	SAND	1.1	40	5.52	+0.16	.0149
28.87	22.35	SaratogaInvt	SAR	12.5	12	22.95	–0.13	.73
14.49	7.10	Sasol	SSL	6.1	35	8.20	–0.49	.5248
41.04	32.13	SaulCenters	BFS	6.5	21	36.36	+0.12	.59
26.88	10.16	SaversValue	SVV	...	50	17.16	+0.46	...
62.12	42.73	Schlumberger	SLB	2.2	17	49.85	–2.15	.275
31.74	20.50	SchneiderNatl	SNDR	1.8	16	21.27	–0.41	.095
73.88	45.65	SchwabC	SCHW	1.4	31	73.42	+3.39	.25
74.04	40.34	ScorpioTankers	STNG	2.3	7	69.53	–1.44	.40
77.95	43.67	ScottsMiracleGro	SMG	4.0	dd	66.74	–2.70	.66
8.23	3.71	ScullyRoyalty	SRL	12.0	dd	6.53	+0.48	.17
88.39	34.35	Sea	SE	...	cc	55.06	+1.78	...
16.71	9.31	SeabridgeGold	SA	...	dd	15.32	–0.15	...
53.58	34.18	SeaDrill	SDRL	...	12	49.68	–1.87	...
48.44	28.50	SealedAir	SEE	2.5	13	31.50	–0.70	.20
33.51	21.28	SelectMedical	SEM	1.8	14	27.06	–1.00	.125
9.74	6.78	SelectWater	WTTR	2.4	13	9.34	+0.14	.06
2.40	0.86	SelectQuote	SLQT	...	dd	1.72	+0.01	...
79.38	63.75	Sempra	SRE	3.5	15	70.08	+1.39	.62
14.09	7.21	Semrush	SEMR	...	cc	11.50	–0.83	...
15.25	10.44	SendasDistrib	ASAI	...	24	12.90	–0.78	...
48.15	30.56	SensataTech	ST	1.4	dd	33.70	–0.88	.12
78.70	52.90	SensientTech	SXT	2.4	31	69.14	+0.82	.41
30.76	12.43	SentinelOne	S	...	dd	20.05	–1.67	...
2.97	0.34	SequansComms	SQNS	...	...	.56	–0.01	...
9.92	7.07	SeritageGrowth	SRG	...	dd	9.34	–0.02	...
75.97	52.89	ServiceIntl	SCI	1.7	20	68.79	–1.02	.30
815.32	427.68	ServiceNow	NOW	...	85	713.91	–54.80	...
70.84	39.27	ServisFirst	SFBS	2.0	16	60.22	+0.66	.30
110.90	52.64	ShakeShack	SHAK	...	cc	94.40	–2.81	...
65.61	25.84	SharkNinja	SN	.0	52	61.86	+0.59	1.08
73.94	55.78	Shell	SHEL	3.6	13	72.07	–0.37	.688
348.37	221.76	SherwinWilliams	SHW	.9	33	305.96	–12.29	.715
92.30	42.91	Shift4Paymts	FOUR	...	43	60.93	–3.05	...
38.65	24.99	ShinhanFin	SHG	3.0	5	30.49	+0.49	.3021
91.57	45.50	Shopify	SHOP	...	cc	69.67	–0.33	...
74.20	33.80	Shutterstock	SSTK	2.9	14	40.99	–0.61	.30
9.88	3.85	Sibanye-Stillwater	SBSW	5.9	dd	5.12	–0.32	.1102
109.17	57.10	SignetJewelers	SIG	1.2	6	95.47	–0.30	.29
54.92	38.11	SilganHoldings	SLGN	1.6	16	47.40	–0.07	.19
43.95	21.08	SilverBowRscs	SBOW	...	2	30.06	–3.01	...
11.32	9.95	SilverBoxIIIA	SBXC	...	55	10.53	+0.03	...
9.76	4.58	Similarweb	SMWB	...	dd	7.75	–0.02	...
157.82	100.17	SimonProperty	SPG	5.6	20	140.44	–4.37	1.95
218.38	111.29	SimpsonMfg	SSD	.6	22	184.38	–0.49	.27
13.03	8.39	SiriusPoint	SPNT	...	6	12.02	–0.19	...
188.01	116.81	SiteOneLandscape	SITE	...	41	155.94	–13.32	...
27.61	19.95	SitioRoyalties	STR	7.9	dd	24.03	–0.87	.51
28.99	18.29	SixFlags	SIX	...	51	23.45	–0.56	...
65.17	45.58	SkechersUSA	SKX	...	16	56.41	+0.24	...
7.65	3.05	SkeenaRscs	SKE	...	dd	4.64	–0.02	...
36.48	5.11	Skillsoft	SKIL	...	dd	5.34	–3.35	...
14.78	3.96	Skillz	SKLZ	...	dd	6.05	–0.16	...
86.71	52

DATA NYSE

52-Week High	52-Week Low	Name	Tick Sym	Yld	P/E	Last	Chg.	Div Amt.
17.27	7.00	TriumphGroup	TGI	...	dd	12.82	−0.76	...
17.89	10.08	Tronox	TROX	3.1	dd	16.19	−0.11	.125
19.06	10.15	TrueBlue	TBI	...	dd	10.83	−0.02	...
39.29	25.56	TruistFinl	TFC	5.7	dd	36.80	+0.03	.52
27.20	15.50	TsakosEnergy	TNP	2.4	3	24.72	−0.63	.30
5.91	0.61	Tupperware	TUP	...	dd	.93	−0.11	...
5.84	3.52	TurkcellIlletism	TKC	1.2	9	5.74	+0.24	.0953
29.86	19.67	TurningPoint	TPB	1.0	14	27.68	+0.72	.07
16.33	4.90	TutorPerini	TPC	...	dd	13.28	−0.58	...
2.50	1.40	Tuya	TUYA	...	dd	1.57	−0.14	...
78.16	45.02	Twilio	TWLO	...	dd	57.55	−3.30	...
14.59	9.83	TwoHarbors	TWO	14.8	dd	12.13	+0.14	.45
454.74	361.16	TylerTech	TYL	...	cc	403.35	−10.01	...
63.28	44.94	TysonFoods	TSN	3.3	dd	59.95	+2.17	.49
U								
32.13	18.71	UBS Group	UBS	2.5	3	28.06	−0.67	.70
44.02	30.95	UDR	UDR	4.7	27	36.40	−0.24	.425
35.18	20.19	UGI	UGI	5.8	dd	25.74	+2.28	.375
73.03	48.07	U-Haul	UHAL	...	19	63.20	−0.66	...
71.52	43.62	U-Haul N	UHAL.B	.3	19	62.31	+0.21	.05
35.50	33.15	UL Solutions	ULS	...	26	33.85	−1.09	...
16.85	13.26	UMH Prop	UMH	5.6	dd	15.37	−0.08	.215
59.28	41.43	Unitil	UTL	3.4	18	50.19	+1.30	.425
28.47	18.48	USA Compression	USAC	8.5	cc	24.78	−0.71	***.525***
69.60	42.59	UsanaHealth	USNA	...	13	44.13	+0.16	...
48.47	13.79	US Cellular	USM	...	56	35.55	+0.29	...
54.94	35.66	US Foods	USFD	...	25	50.04	−0.53	...
124.11	78.08	US PhysTherapy	USPH	1.8	74	99.09	−3.61	.44
14.64	10.09	US Silica	SLCA	...	7	12.82	−0.08	...
7.75	4.49	UWM	UWMC	6.5	dd	6.15	−0.13	.10
82.14	29.22	Uber	UBER	...	79	69.20	−6.08	...
246.54	103.00	Ubiquiti	UI	2.2	17	106.67	−1.61	.60
27.87	12.38	UiPath	PATH	...	dd	18.75	−1.96	...
6.35	2.74	UltraparPart	UGP	2.3	12	5.15	−0.11	.0723
9.50	6.29	UnderArmour A	UAA	...	8	6.73	+0.17	...
8.99	5.86	UnderArmour C	UA	...	7	6.47	+0.18	...
9.34	5.54	Unifi	UFI	...	dd	5.54	−0.25	...
187.22	150.50	Unifirst	UNF	.8	26	158.51	−2.87	***.33***
55.99	46.16	Unilever	UL	3.9	17	47.31	+0.55	.4582
258.66	190.37	UnionPacific	UNP	2.2	22	232.08	−2.32	1.30
8.12	2.60	Unisys	UIS	...	dd	5.48	−0.13	...
8.97	6.71	UnitedMicro	UMC	6.0	9	7.40	−0.57	.586
28.37	9.18	UnitedNatFoods	UNFI	...	dd	9.27	−0.63	...
197.31	133.68	UPS B	UPS	4.6	18	142.77	−2.14	1.63
61.30	40.87	UtdParks&Resorts	PRKS	...	14	51.74	−1.23	...
732.37	325.15	UnitedRentals	URI	1.0	18	628.34	−46.47	1.63
45.85	27.27	US Bancorp	USB	4.8	13	40.45	−1.13	.49
50.20	20.40	US Steel	X	.5	11	38.59	−2.74	.05
554.70	436.38	UnitedHealth	UNH	1.5	31	501.13	+61.93	1.88
50.08	22.20	UnitySoftware	U	...	dd	22.89	−2.42	...
67.80	44.40	Universal	UVV	6.2	10	51.46	+2.91	.80
49.64	32.27	UniversalHealth	UHT	8.7	30	33.45	+0.05	.725
183.61	119.90	UniversalHealthB	UHS	.5	15	157.47	−9.32	.20
21.75	11.16	UnivInsurance	UVE	3.3	9	19.62	+0.77	.16
16.37	5.63	UnvlTechInst	UTI	...	57	14.58	−0.38	...
54.57	40.04	UnumGroup	UNM	2.8	8	51.36	+1.06	***.365***
18.79	13.13	UrbanEdgeProp	UE	4.2	8	16.37	+0.09	.17
19.21	11.17	UtzBrands	UTZ	1.4	dd	17.42	+0.27	.059
V								
23.55	11.91	VF	VFC	2.8	dd	12.83	+0.72	.09
2.96	0.23	ViaOptronics	VIAO	...	dd	.30	−0.12	...
34.05	26.63	VICI Prop	VICI	6.0	11	27.89	−0.05	.415
11.28	4.82	Vizio	VZIO	...	77	10.78	+0.09	...
10.65	5.77	VOC Energy	VOC	13.1	7	6.15	−0.40	***.18***
9.59	3.24	VTEX	VTEX	...	...	7.58	−0.28	...
56.75	37.04	V2X	VVX	...	dd	48.00	+3.42	...
7.51	3.51	VaalcoEnergy	EGY	3.7	12	6.77	−0.24	.0625
258.13	202.74	VailResorts	MTN	4.4	34	202.94	−24.03	2.22
78.92	54.13	Valaris	VAL	...	6	68.48	−2.35	...
16.08	11.52	Vale	VALE	10.8	7	12.18	+0.16	.1541
2.92	1.91	ValensSemicon	VLN	...	dd	2.35	−0.12	...
184.79	104.18	ValeroEnergy	VLO	2.6	7	163.89	−9.65	1.07
17.61	10.80	Valhi	VHI	2.1	dd	15.50	+0.38	.08
315.88	188.63	ValmontInds	VMI	1.1	30	213.20	−4.20	.60
45.37	29.15	Valvoline	VVV	...	dd	41.19	−0.56	...
13.43	9.80	VectorGroup	VGR	7.8	9	10.28	+0.43	.20
236.90	160.21	VeevaSystems	VEEV	...	62	198.38	−8.36	...
2.50	0.19	Velo3D	VLD	...	dd	.25	−0.07	...
19.08	8.11	VelocityFinl	VEL	...	11	16.63	+0.15	...
50.99	39.33	Ventas	VTR	4.2	dd	43.13	+0.30	.45
92.15	65.51	Veralto	VLTO	.4	26	88.89	+1.52	.09
18.98	13.07	VerisResidential	VRE	1.5	dd	14.43	+0.06	.0525
43.42	30.14	Verizon	VZ	6.6	15	40.49	+0.77	.665
15.98	9.82	VermilionEnergy	VET	2.2	dd	11.86	−0.42	.0734
2.11	0.51	VerticalAerospace	EVTL	...	dd	.72	−0.10	...
88.70	11.95	Vertiv	VRT	.0	64	75.01	−8.88	.025
22.37	13.83	Vestis	VSTS	.8	...	18.66	−0.57	.035
39.98	17.10	Viad	VVI	...	dd	34.72	−1.60	...
2.46	0.20	VicariousSurgical	RBOT	...	dd	.29	−0.03	...
34.10	13.62	Victoria'sSecret	VSCO	...	13	17.29	−0.64	...
7.45	1.00	VinceHolding	VNCE	...	2	2.95	−0.01	...
20.19	13.80	Vipshop	VIPS	2.7	7	15.16	−1.09	.41
6.17	0.79	VirginGalactic	SPCE	...	dd	.86	−0.22	...
13.60	3.50	VirnetX	VHC	...	dd	5.33	−0.40	...
263.39	165.00	VirtusInvtPtrs	VRTS	3.4	13	225.34	−0.29	1.90
290.96	216.14	Visa	V	.8	32	269.78	−6.18	.52
30.10	20.57	Vishay	VSH	1.9	9	20.90	−0.72	.10
39.35	27.94	VishayPrecision	VPG	...	18	33.27	+0.25	...
44.25	18.90	VistaEnergy	VIST	...	11	41.93	−1.31	...
33.96	23.33	VistaOutdoor	VSTO	...	dd	32.36	−0.52	...
75.89	22.67	Vistra	VST	1.3	19	65.66	−4.08	.215
62.87	40.00	VitalEnergy	VTLE	...	2	53.79	−2.69	...
27.39	16.83	VitesseEnergy	VTS	8.7	dd	23.00	−0.38	.50
45.62	26.23	Vontier	VNT	.3	17	39.96	−1.61	.025
32.21	12.31	VornadoRealty	VNO	.0	cc	26.09	−1.33	.30
77.50	63.02	VoyaFinancial	VOYA	2.3	13	68.93	+0.63	.40
276.58	166.44	VulcanMatls	VMC	.7	36	252.06	−10.72	.46
W								
4.60	2.37	W&T Offshore	WTI	1.7	23	2.41	−0.19	.01
98.80	75.13	WEC Energy	WEC	4.1	19	81.56	+2.59	***.835***
244.04	161.95	WEX	WEX	...	37	230.48	−5.40	...
22.08	9.65	WKKellogg	KLG	3.0	...	21.22	+0.30	.16
92.35	45.09	WNS	WNS	...	14	47.85	−3.49	...
73.09	50.28	W.P.Carey	WPC	6.2	17	56.21	+1.24	.865
60.05	41.13	WPP	WPP	5.1	77	48.18	+0.69	1.54
30.07	20.09	WabashNational	WNC	1.3	5	25.36	−1.38	.08
151.00	91.89	Wabtec	WAB	.6	32	144.17	−2.01	.20
113.67	61.06	Walker&Dunlop	WD	2.8	29	91.24	+0.31	.65
5.10	1.21	Wallbox	WBX	...	dd	1.29	−0.14	...
61.66	48.34	Walmart	WMT	1.4	31	59.53	−0.61	.2075
16.49	9.83	WarbyParker	WRBY	...	dd	12.05	−1.17	...
69.97	31.97	WarriorMetCoal	HCC	.5	7	67.04	+4.53	.50
173.03	126.12	WasteConnections	WCN	.7	56	165.02	−2.10	.285
214.54	149.71	WasteMgt	WM	1.4	37	207.07	+1.70	.75
2.97	0.94	Waterdrop	WDH	.0	20	1.22	−0.03	.032
363.80	231.90	Waters	WAT	...	27	296.10	−26.56	...
447.49	315.18	Watsco	WSO	2.7	29	396.92	−20.79	2.70
219.52	156.29	WattsWater	WTS	.7	26	203.21	+2.49	.36
90.71	29.51	Wayfair	W	...	dd	53.68	−6.66	...
13.80	4.04	WeaveComms	WEAV	...	dd	10.81	−0.77	...
53.39	31.03	WebsterFin	WBS	3.4	9	46.39	+0.16	.40
86.67	58.75	WeisMarkets	WMK	2.1	17	64.49	+2.89	.34
60.85	36.40	WellsFargo	WFC	2.3	13	60.35	+3.88	.35
94.63	72.47	Welltower	WELL	2.7	cc	91.32	+1.53	.61
195.43	121.91	WescoIntl	WCC	1.0	11	154.01	−7.55	.4125
90.17	64.11	WestFraserTimber	WFG	1.6	dd	77.37	−1.76	.30
415.73	310.42	WestPharmSvcs	WST	.2	47	372.04	−7.96	.20
70.23	11.35	WestAllianceBcp	WAL	2.6	8	57.44	+0.77	.37
36.79	24.89	WesternMidstrm	WES	6.5	14	35.38	+0.84	.575
14.19	10.37	WesternUnion	WU	7.2	8	13.02	−0.17	.235
162.64	103.28	Westlake	WLK	1.3	41	150.76	−2.70	.50
49.67	26.85	WestRock	WRK	2.5	dd	47.99	3025	
14.20	8.91	Westwood	WHG	4.7	10	12.85	−0.50	.15
36.27	28.12	Weyerhaeuser	WY	2.5	27	31.47	−1.77	.20
54.30	38.37	WheatonPrecMtls	WPM	1.1	44	52.65	+0.85	.155
0.68	0.98	WheelsUp	UP	...	dd	2.51	−0.15	...
160.62	98.40	Whirlpool	WHR	6.7	12	104.67	−3.39	***1.75***
1849.99	1319.05	WhiteMtnIns	WTM	.1	9	1791.19	+102.39	1.00
13.12	8.21	WhitestoneREIT	WSR	4.4	29	11.22	+0.26	.0413
11.75	2.31	WideOpenWest	WOW	...	dd	3.52	−0.12	...
40.23	28.84	Wiley A	WLY	3.7	dd	37.53	+0.41	.35
40.40	28.35	Wiley B	WLYB	3.7	dd	37.35	−1.85	.35
39.76	28.27	Williams	WMB	4.9	15	38.51	+0.43	.475
319.78	109.44	Williams-Sonoma	WSM	1.6	19	279.20	−9.65	1.13
75.42	54.70	Winnebago	WGO	2.0	19	62.54	−1.89	.31
6.45	4.41	Wipro	WIT	.4	21	5.25	−0.21	.0107
9.69	6.05	WisdomTree	WT	1.4	16	8.73	−0.32	.03
70.42	22.16	Wolfspeed	WOLF	...	dd	22.18	−4.07	...
17.85	7.21	WolverineWwide	WWW	4.1	dd	9.78	+0.66	.10
25.84	18.65	WoodsideEnergy	WDS	7.2	22	18.76	−0.59	.60
36.17	24.94	WooriFinl	WF	6.1	4	29.69	+0.67	1.1918
116.00	76.63	Workiva	WK	...	dd	77.86	−0.61	...
26.83	17.69	WorldKinect	WKC	2.8	29	24.58	−0.71	.17
69.96	33.95	WorthingtonEnts	WOR	1.1	11	57.35	−1.03	.32
40.15	21.00	WorthingtonSteel	WS	1.9	...	32.90	−1.91	.16
81.73	63.69	WyndhamHtls	WH	2.2	21	69.92	−2.25	.38
X Y Z								
5.00	3.02	XFinancial	XYF	.0	1	3.78	−0.01	.30
130.51	40.69	XPO	XPO	...	72	114.49	−11.31	...
15.84	10.90	XeniaHotels	XHR	3.0	81	14.00	−0.85	.12
6.51	1.92	XinyuanRealEst	XIN	...	dd	2.60	−0.07	...
23.62	6.86	XPeng	XPEV	...	dd	6.93	−0.53	...
13.62	7.91	Xperi	XPER	...	dd	9.62	−0.61	...
33.58	8.30	XponentialFit	XPOF	...	dd	13.15	−1.24	...
130.86	87.59	Xylem	XYL	1.1	47	127.84	−0.27	.36
54.16	34.70	Yeti	YETI	...	19	37.29	−0.57	...
22.27	9.57	YPF	YPF	...	dd	19.34	−1.83	...
6.44	3.41	Yalla	YALA	...	7	4.52	−0.30	...
6.65	1.99	YatsenHolding	YSG	...	dd	3.75	+0.74	...
48.99	26.53	Yelp	YELP	...	29	39.29	−1.32	...
14.35	5.22	Yext	YEXT	...	dd	5.46	−0.24	...
5.80	1.94	YirenDigital	YRD	...	1	4.83	−0.32	...
6.71	2.94	Youdao	DAO	...	dd	3.55	−0.44	...
143.25	115.53	Yum!Brands	YUM	1.9	25	138.50	+0.70	.67
64.50	33.55	YumChina	YUMC	1.7	19	37.10	−0.24	.16
19.95	6.39	ZimIntShipping	ZIM	...	dd	10.17	+0.07	...
21.91	11.85	ZKH	ZKH	...	dd	12.16	−2.62	...
30.05	15.90	ZTO Express	ZTO	3.1	13	19.94	+0.68	.37
10.98	10.19	ZalatorisAcqn	TCOA	...	64	10.98	+0.03	...
2.10	0.82	ZeppHealth	ZEPP	...	dd	.83	−0.07	...
12.45	7.24	ZetaGlobal	ZETA	...	dd	11.70	−0.26	...
4.80	0.94	ZeviaPBC	ZVIA	...	dd	.98	−0.05	...
1.25	0.61	Zhihu	ZH	...	dd	.62	−0.08	...
149.25	102.00	ZimmerBiomet	ZBH	.8	24	119.43	−5.05	.24
19.29	10.27	ZipRecruiter	ZIP	...	23	10.52	−0.67	...
201.92	145.80	Zoetis	ZTS	1.2	29	146.50	−3.48	.432
12.12	7.05	Zuora	ZUO	...	dd	9.25	+0.65	...
34.58	20.06	ZurnElkayWater	ZWS	1.0	50	31.69	−0.22	.08

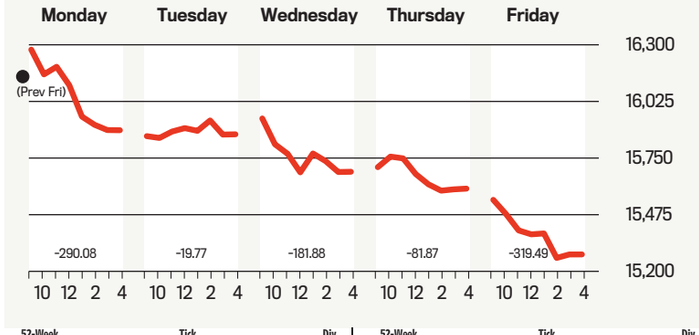
NASDAQ ISSUES

52-Week High	52-Week Low	Name	Tick Sym	Yld	P/E	Last	Chg.	Div Amt.
A								
93.30	52.24	AAON	AAON	.4	40	85.41	−2.60	.08
33.99	16.60	AcadiaPharm	ACAD	...	dd	16.82	−0.32	...
29.88	4.74	ACELYRIN	SLRN	...	dd	5.01	−0.36	...
33.83	19.56	ACI Worldwide	ACIW	...	29	31.95	−0.05	...
5.14	1.78	ACImmune	ACIU	...	dd	2.36	−0.38	...
34.40	8.75	ACM Research	ACMR	...	21	25.00	−3.61	...
19.54	11.62	ACV Auctions	ACVA	...	dd	17.31	−0.39	...
6.76	3.06	ADMA Biologics	ADMA	...	dd	6.27	+0.25	...
11.02	4.60	Adtran	ADTN	7.7	dd	4.69	−0.03	.09
14.60	9.91	AFC Gamma	AFCG	16.5	11	11.65	+0.08	.48
10.64	6.81	AGNC Invt	AGNC	15.7	...	9.15	−0.16	***.12***
12.25	10.55	AIBAcqnA	AIB	...	dd	11.71	−0.14	...
17.42	3.94	AlxOncology	ALXO	...	dd	15.60	+2.57	...
20.97	9.87	AMC Networks	AMCX	...	2	10.92	+0.34	...
57.06	45.34	Amerisafe	AMSF	2.9	16	50.88	+3.12	.37
42.48	23.14	A-MarkPrecMet	AMRK	2.1	8	37.98	−2.69	.20
70.81	36.99	ANI Pharm	ANIP	...	71	65.48	−1.40	...
364.31	258.01	Ansys	ANSS	...	56	322.11	−12.09	...
22.22	2.36	AN2 Therap	ANTX	...	dd	2.47	−0.27	...
46.15	29.47	APA	APA	3.1	3	32.36	−1.36	.25
18.75	10.27	ARKRestaurants	ARKR	5.4	dd	14.00	+0.29	.1875
11.27	2.55	ARS Pharm	SPRY	...	dd	8.47	−0.55	...
1056.34	564.00	ASML	ASML	.7	44	859.54	−102.30	1.6144
12.02	10.43	A SPAC II	ASCB	...	43	11.08	+0.01	...
0.99	0.01	A SPAC II Rt	ASCBR	...	...	.08	...	...
7.10	1.97	AST Space	ASTS	...	dd	2.09	−0.04	...
2.07	0.79	ATA Creativity	AACG	...	dd	.97	+0.05	...
2.85	1.02	ATAI Life	ATAI	...	dd	1.85	−0.45	...
41.03	26.68	ATN Intl	ATNI	3.4	dd	28.32	+0.99	.24
1.70	0.57	AVROBIO	AVRO	...	4	1.20	−0.07	...
5.64	1.89	AXT	AXTI	...	dd	2.77	−0.66	...
8.05	3.79	AbCelleraBio	ABCL	...	dd	3.87	−0.47	...
17.02	8.00	Abivax	ABVX	...	dd	15.31	+0.31	...
6.72	1.11	Absci	ABSI	...	dd	4.77	−1.06	...
5.47	3.43	AcaciaResearch	ACTG	...	22	4.88	−0.14	...
75.73	42.83	AcademySports	ASO	.7	9	57.16	−1.86	.11
87.77	66.49	AcadiaHealthcare	ACHC	...	dd	70.16	−3.02	...
17.01	6.33	Accolade	ACCD	...	dd	9.13	+0.88	...
4.30	2.10	Accuray	ARAY	...	dd	2.14	−0.14	...
1.76	0.74	AchillesTherap	ACHL	...	dd	.78	−0.07	...
11.12	0.59	AclarisTherap	ACRS	...	dd	1.24	+0.03	...
14.30	3.19	AcrivonTherap	ACRV	...	dd	9.39	−0.60	...
11.31	1.81	AcumenPharm	ABOS	...	dd	3.15	−0.59	...
4.38	1.10	Adagene	ADAG	...	dd	2.64	...	...
2.05	0.42	Adaptimmune	ADAP	...	dd	.98	−0.18	...
9.08	2.28	AdaptiveBiotech	ADPT	...	dd	2.40	−0.61	...
114.97	77.30	AddusHomeCare	ADUS	...	25	97.19	−0.66	...
13.39	7.12	Adeia	ADEA	2.0	17	9.94	−0.26	.05
7.50	1.10	AdicetBio	ACET	...	dd	1.95	−0.21	...
19.30	7.11	AdlaiNortye	ANL	...	...	12.40	+1.84	...
638.25	331.89	Adobe	ADBE	...	44	465.02	−9.07	...
126.38	81.86	AdvEnergyInds	AEIS	.4	26	89.70	−6.82	.10
227.30	81.02	AdvMicroDevices	AMD	...	cc	146.64	−16.64	...
4.95	1.13	AdvantageSolns	ADV	...	dd	4.33	+0.11	...
8.99	1.16	Aemetis	AMTX	...	dd	3.79	−0.50	...
32.42	9.41	AerovateTherap	AVTE	...	dd	22.05	−3.19	...
184.61	88.24	AeroVironment	AVAV	...	dd	150.02	+2.90	...
12.43	10.42	AetheriumAcqnA	GMFI	...	cc	11.12	−0.16	...
52.48	8.80	AffirmHldgs	AFRM	...	dd	31.01	−1.61	...
11.39	0.29	AfricanAgriculture	AAGR	...	dd	.35	−0.12	...
22.48	10.72	Afya	AFYA	...	19	16.02	−0.94	...
91.61	62.00	Agilysys	AGYS	...	26	81.78	−0.61	...
35.50	19.80	AgiosPharm	AGIO	...	dd	29.53	+0.02	...
3.53	2.32	Agora	API	...	dd	2.40	−0.04	...
10.22	10.05	Agric&NatSolnsA	ANSC	...	...	10.22	+0.01	...
10.30	10.15	AimeiHlthTech	AFJK	...	...	10.27	+0.02	...
0.25	0.15	AimeiHlthTechRt	AFJKR	...	...	.22	...	...
24.96	11.62	AirTransportSvcs	ATSG	...	17	12.64	−0.16	...
170.10	103.55	Airbnb	ABNB	...	21	155.01	−4.36	...
9.94	4.49	AirSculptTech	AIRS	...	dd	5.70	+0.26	...
14.32	1.34	AirshipAI	AISP	...	10	6.67	−1.29	...
129.17	76.85	AkamaiTech	AKAM	...	29	101.50	−1.97	...
58.38	11.25	AkeroTherap	AKRO	...	dd	20.76	−1.42	...
8.80	3.04	Akoya	AKYA	...	dd	3.80	−0.33	...
77.29	44.92	Alarm.com	ALRM	...	42	64.11	−3.71	...
11.85	10.17	AlchemyInv1 A	ALCY	...	48	10.60	−0.01	...
9.07	3.66	Alector	ALEC	...	dd	5.09	−0.93	...
10.25	6.35	AlgomaSteel	ASTL	2.6	85	7.80	+0.06	.05
31.00	22.58	Alico	ALCO	.7	4	28.00	+0.49	.05
413.20	176.34	AlignTech	ALGN	...	51	298.98	−15.99	...
9.20	4.46	AlignmentMlthcr	ALHC	...	dd	5.20	+0.50	...
4.38	1.56	AlimeraSciences	ALIM	...	dd	3.34	−0.18	...
26.75	10.93	AlkamiTech	ALKT	...	dd	23.78	+0.11	...
32.88	20.46	Alkermes	ALKS	...	12	23.85	−0.57	...
5.64	1.00	Allakos	ALLK	...	dd	1.07	−0.04	...
1.83	0.54	Allbirds	BIRD	...	dd	.60	−0.03	...
130.93	54.87	AllegiantTravel	ALGT	3.9	10	62.31	+1.06	.60
53.05	24.66	AllegroMicro	ALGM	...	23	26.09	−0.75	...
24.30	17.05	AllianceResource	ARLP	13.3	4	21.10	+0.04	.70
56.26	45.15	AlliantEnergy	LNT	3.9	18	49.82	+1.82	***.48***
40.59	25.12	Allient	ALNT	.4	20	29.63	−1.99	.03
6.89	2.23	AllogeneTherap	ALLO	...	dd	3.47	−0.33	...
3.34	1.19	Allot	ALLT	...	dd	2.08	−0.05	...
6.12	0.62	AlloVir	ALVR	...	dd	.75	−0.02	...
218.88	143.50	AlnylamPharm	ALNY	...	dd	144.41	−4.09	...
35.40	19.38	Alpha&Omega	AOSL	...	dd	19.55	−2.17	...

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.

Five-Day Nasdaq Composite

Going Dark: Netflix forecast softer subscriber growth, and will stop reporting that number. Traders are nervous about Super Micro Computer. The Nasdaq Composite ended Friday at 15,282—off 5.5% on the week.



52-Week High	52-Week Low	Name	Tick Sym	Yld	P/E	Last	Chg.	Div Amt.
11.66	10.52	AlphaStarAcqn	ALSA	...	35	11.34	...	...
4.27	1.62	AlphaTeknova	TKNO	...	dd	2.00	−0.41	...
160.22	102.63	Alphabet A	GOOGL	...	27	154.09	−3.64	...
161.70	103.27	Alphabet C	GOOG	...	27	155.72	−3.47	...
19.14	8.66	Alphatec	ATEC	...	dd	12.54	−0.76	...
11.48	10.25	AlphaTimeAcqn	ATMC	...	42	11.01	+0.04	...
0.30	0.06	AlphaTimeRt	ATMCR	...	...	.16	+0.05	...
11.01	10.25	AlphaVestAcqn	ATMV	...	32	11.00	+0.04	...
0.20	0.04	AlphaVestAcqnRt	ATMVR	...	...	.11	...	...
64.57	6.71	AlpineImmune	ALPN	...	dd	64.55	+0.18	...
92.92	57.59	AltairEngg	ALTR	...	dd	82.32	+0.22	...
11.86	10.16	AltEnergyA	AEAE	...	cc	11.19	−0.27	...
14.84	2.09	Altimmune	ALT	...	dd	6.91	−1.08	...
6.79	1.38	AltisourcePortf	ASPS	...	dd	1.65	+0.17	...
18.00	6.70	Alvotech	ALVO	...	dd	13.22	+0.98	...
27.77	14.05	AmalgamFin	AMAL	1.8	8	22.46	+0.48	.10
1.49	0.65	Amarin	AMRN	...	dd	.86	−0.10	...
189.77	101.15	Amazon.com	AMZN	...	60	174.63	−11.50	...
89.19	40.76	Ambarella	AMBA	...	dd	40.99	−5.20	...
99.75	78.38	Amdocs	DOX	2.2	18	86.13	+0.42	.479
96.44	73.10	Amedisys	AMED	...	dd	90.40	−1.50	...
19.08	10.86	AmerAirlines	AAL	...	13	14.11	+0.96	...
94.73	69.38	AEP	AEP	4.2	20	84.20	+2.10	.88
10.35	6.97	AmOutdoorBrands	AOUT	...	dd	8.

DATA NASDAQ ISSUES

52-Week High	52-Week Low	Name	Tick Sym	Yld	P/E	Last	Chg.	Div Amt.
159.52	110.74	Balchem	BCPC	.6	43	143.48	-4.42	.79
5.68	2.60	BallardPower	BLDP	...	dd	2.63	-0.31	...
104.00	68.44	BancFirst	BANF	1.9	15	89.28	+6.50	.43
21.68	9.34	Bandwidth	BAND	...	dd	17.34	...	...
52.36	30.72	BankOZK	OZK	3.5	8	44.94	+2.17	.39
28.99	19.53	Bank7	BSVN	3.0	9	27.59	+0.09	.21
11.12	7.17	BankFinancial	BFIN	4.0	13	10.00	-0.30	.10
30.83	21.22	BankwellFinl	BWFG	3.2	5	24.62	+0.53	.20
55.66	39.31	Banner	BANR	4.3	9	44.94	+1.02	.48
16.57	0.35	BanzaiIntl	BNZI	...	dd	.37	-0.07	...
5.35	1.90	Baozun	BZUN	...	dd	2.32	-0.05	...
5.10	1.64	BarinthusBio	BRNS	...	dd	2.51	-0.63	...
130.00	76.22	BarrettBus	BBSI	1.0	16	122.35	+2.14	.30
17.89	13.02	BassettFurniture	BSET	5.5	dd	13.11	-0.64	.18
24.31	15.02	BayCom	BCML	2.0	9	20.02	+0.10	.10
10.17	10.01	BayviewAcqnA	BAYA	...	...	10.17	+0.02	...
0.25	0.10	BayviewAcqnRt	BAYAR	...	...	.19	...	...
102.83	56.94	BeaconRoofing	BECN	...	dd	94.56	-2.58	...
49.50	16.95	BeamTherap	BEAM	...	dd	23.90	-2.03	...
266.67	126.97	BeiGene	BGNE	...	dd	129.52	-11.78	...
78.77	33.04	BelFuse A	BELFA	.3	14	69.31	-0.19	.06
74.75	30.11	BelFuse B	BELFB	.5	10	56.57	-1.97	.07
55.37	40.89	BentleySystems	BSY	.5	52	52.46	+4.29	.06
8.94	6.22	Berry(bry)	BRY	5.7	18	8.41	-0.03	.14
19.25	5.58	BeyondMeat	BYND	...	dd	6.41	-0.23	...
28.91	12.54	BicycleTherap	BCYC	...	dd	23.45	+1.15	...
9.99	3.00	Big5SportingGds	BGFV	6.5	dd	3.09	-0.10	.05
12.75	5.81	BigCommerce	BIGC	...	dd	5.89	-0.32	...
20.60	8.80	Bilibili	BILI	...	dd	10.91	-0.57	...
13.50	6.22	BinahCapital	BCG	...	dd	6.50	-6.80	...
89.91	51.79	Bio-Techne	TECH	.5	45	62.12	-4.61	.08
4.07	1.24	BioAtla	BCAB	...	dd	2.11	-1.02	...
14.20	9.76	BioceresCrop	BIOX	...	35	12.12	-0.38	...
9.07	4.27	BioCryst	BCRX	...	dd	4.43	-0.34	...
2.21	1.03	Biodesix	BDSX	...	dd	1.25	+0.02	...
319.76	189.44	Biogen	BIIB	...	24	194.38	-3.80	...
99.56	76.02	BioMarinPharm	BMRN	...	cc	88.63	-3.59	...
43.69	8.13	BiomeaFusion	BMEA	...	dd	10.85	-2.13	...
6.41	0.87	Bionomics	BNOX	...	dd	.98	-0.02	...
125.83	85.21	BioNTech	BNTX	...	21	86.81	+0.33	...
6.70	0.59	BioraTherap	BIOR	...	dd	.62	-0.06	...
8.22	3.65	Biote	BTMD	...	dd	5.54	-0.48	...
6.08	0.86	Bioventus	BVS	...	dd	4.48	-0.09	...
3.91	0.92	Bitfarms	BITF	...	dd	1.92	+0.11	...
6.85	1.43	BlackDiamond	BDTX	...	dd	5.26	+0.02	...
10.20	10.13	BlackHawkAcqn	BKHAU	...	...	10.20	+0.01	...
88.56	64.32	Blackbaud	BLKB	...	cc	76.48	-0.24	...
69.31	47.27	BlackLine	BL	...	82	57.37	-6.17	...
13.00	9.61	BlkRkTCPCap	TCPC	13.3	15	10.22	+0.13	.34
11.88	10.31	BlockchainCoinIA	BCSA	...	24	11.13	...	...
30.13	22.03	Bloomin'Brands	BLMN	3.6	11	27.04	+0.53	.24
39.01	17.37	BlueBird	BLBD	...	18	33.94	-2.09	...
10.80	7.08	BlueFoundryBncp	BLFY	...	dd	8.43	-0.06	...
11.42	10.46	BlueOceanA	BOCN	...	46	11.09	-0.01	...
11.27	10.50	BlueWorldA	BWAQ	...	50	11.26	...	...
0.73	0.02	BlueWorldRt	BWAQR	...	...	.30	...	...
5.53	0.88	bluebirdbio	BLUE	...	dd	1.02	-0.08	...
101.00	43.89	BlueprintMed	BPMC	...	dd	86.85	-0.40	...
2.03	0.84	BoltBiotherap	BOLT	...	dd	1.11	-0.09	...
3918.00	2456.93	Booking	BKNG	1.0	29	3414.82	-116.98	8.75
15.24	9.94	BoundlessBio	BOLD	...	...	10.09	-1.20	...
10.48	10.10	BowenAcqn	BOWN	...	65	10.47	+0.01	...
0.22	0.08	BowenAcqnRt	BOWNR	...	...	.12	...	...
42.90	25.52	BowmanConsult	BWMN	...	dd	30.25	-0.96	...
7.00	2.92	BraggGaming	BRAG	...	dd	6.17	+0.26	...
7.62	1.38	Brainsway	BWAY	...	dd	4.87	-0.28	...
61.53	25.76	Braze	BRZE	...	dd	38.94	-2.92	...
44.32	12.75	BridgeBioPharma	BBIO	...	dd	24.74	-2.09	...
9.19	3.88	BridgerAerospace	BAER	...	dd	4.87	-0.23	...
13.41	10.03	BridgfordFoods	BRID	...	26	10.62	-0.51	...
4.56	1.63	Brightcove	BCOV	...	dd	1.74	+0.04	...
56.25	39.24	BrighthouseFin	BHF	...	dd	48.91	+0.95	...
12.14	7.85	BrightSpring	BTSG	...	...	10.51	+0.46	...
4.29	2.04	BrilliantEarthA	BRLT	...	cc	2.68	-0.05	...
12.31	10.64	BroadCapital	BRAC	...	dd	11.29	+0.04	...
1438.17	601.29	Broadcom	AVGO	1.7	45	1204.71	-139.36	5.25
11.52	7.00	BrooklineBcp	BRKL	5.8	11	9.38	+0.32	.135
94.86	53.79	Bruker	BRKR	.3	27	77.76	-9.82	.05
21.06	9.94	Bumble	BMBL	...	dd	10.18	-0.35	...
2.06	0.39	BurgerFiInt	BFI	...	dd	.42	-0.05	...
3.25	0.57	BurningRockBio	BNR	...	dd	.72	-0.04	...
11.24	10.19	BurTechAcqnA	BRKH	...	cc	10.98	-0.02	...
25.57	13.05	BusFirstBcshs	BFST	2.7	8	21.05	+0.65	.14
12.12	10.40	byNordicAcqnA	BYNO	...	66	11.13	+0.01	...

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5.80	2.12	Cadiz	CDZI	...	dd	2.25	-0.07	...
33.92	13.14	CARGOTherapeutics	CRGX	...	...	19.19	-1.65	...
72.00	33.51	C&F Fin	CFFI	4.8	5	36.97	-3.08	.44
27.02	17.20	CB FinSvcs	CBFV	4.7	5	21.36	+0.02	.25
13.41	8.42	CCC Intelligent	CCCS	...	dd	11.44	-0.27	...
263.37	161.53	CDW	CDW	1.1	29	235.78	-7.13	.62
27.65	16.38	CEVA	CEVA	...	dd	18.66	-2.48	...
11.52	9.73	CFAcqnVII A	CFFS	...	75	10.90	-0.02	...
11.88	1.06	C4 Therap	CCCC	...	dd	6.72	-0.69	...
50.23	28.55	CG Oncology	CGON	...	...	35.34	-4.41	...
106.14	65.00	CH Robinson	CHRW	3.4	26	71.22	+0.74	.61
1.42	0.88	CLPS	CLPS	.0	dd	.94	-0.07	.10
223.80	175.73	CME Group	CME	2.2	24	213.04	+3.54	1.15
23.40	16.43	CNB Fin PA	CCNE	3.7	8	18.74	-0.60	.175
12.75	5.01	CompassPath	CMPS	...	dd	8.38	-0.28	...
43.64	12.65	CPI Card	PMTS	...	9	17.50	-0.51	...
153.09	81.29	CRA Intl	CRAI	1.2	27	145.65	+2.21	.42
91.10	37.55	CrisprTherap	CRSP	...	dd	55.05	-5.62	...
69.35	45.27	CSG Systems	CSGS	2.5	22	48.90	+0.73	.30
29.93	4.91	CSP	CSPI	.7	33	14.25	-3.08	.02
243.30	132.06	CSW Industrials	CSWI	.4	37	231.88	-4.15	.21
40.12	29.03	CSX	CSX	1.4	19	34.34	-1.00	.12
21.77	10.66	CVB Fin	CVBF	4.8	10	16.63	+0.42	.20
26.35	7.69	CabalettaBio	CABA	...	dd	13.34	-3.69	...
12.52	10.44	CactusAcqn1 A	CCTS	...	77	11.20	+0.10	...
327.36	194.01	CadenceDesign	CDNS	...	73	280.25	-25.60	...
60.27	37.82	CaesarsEnt	CZR	...	10	38.20	-1.90	...
6.36	3.50	Caesarstone	CSTE	...	dd	5.69	+0.31	...
64.76	42.25	Cal-MaineFoods	CALM	6.6	11	60.09	-0.37	.997
68.54	2.29	CalAmp	CAMP	...	dd	2.99	-0.30	...
38.97	21.42	CalavoGrowers	CVGW	1.4	dd	28.41	+3.97	.10
27.82	12.78	CaliforniaBncp	CALB	...	8	21.42	-0.35	...
29.30	15.25	CalliditasTherap	CALT	...	dd	18.70	-0.30	...
19.91	11.91	CalumetSpecialty	CLMT	...	19	14.98	-0.39	...
18.09	3.24	CambiumNtwks	CMBM	...	dd	3.27	-0.84	...
39.70	26.52	CamdenNational	CAC	5.6	10	30.06	+0.75	.42
90.54	25.25	Camtek	CAMT	.0	46	74.68	-3.85	1.33
3.50	0.75	Canaan	CAN	...	dd	.75	-0.45	...
45.29	14.11	CanadianSolar	CSIQ	...	4	14.41	-1.34	...
11.40	0.66	CandelTherap	CADL	...	dd	5.17	-1.49	...
19.20	2.76	CanopyGrowth	CGC	...	dd	7.93	+0.13	...
8.29	5.37	Cantaloupe	CTLP	...	31	6.16	-0.17	...
30.25	14.27	CanterburyPark	CPHC	1.2	11	23.00	+0.95	.07
25.00	15.00	CapitalBancorp	CBNK	1.5	8	19.72	+0.10	.08
34.16	25.57	CapitalCityBank	CCBG	3.1	9	27.09	+1.04	.21
18.85	12.02	CapitalProduct	CPLP	3.6	8	16.90	+0.42	.15
26.17	17.31	CapitalSouthwest	CSWC	8.9	11	25.06	+0.55	.06
11.77	10.46	CapitalworksEMA	CMCA	...	52	10.98	-0.05	...
6.88	4.22	CapitolFedFin	CFFN	6.4	dd	5.28	-0.01	.085
12.00	1.15	Captivision	CAPT	...	25	4.64	-0.48	...
4.67	0.50	CaraTherap	CARA	...	dd	.66	-0.10	...
197.99	6.30	CarbonRevolution	CREV	...	...	14.21	+0.61	...
20.52	4.94	Cardlytics	CDLX	...	dd	12.22	-1.35	...
3.58	0.68	Carecloud	CCLD	...	dd	1.14	-0.05	...
12.93	4.80	CareDx	CDNA	...	dd	8.31	-0.22	...
126.00	2.24	CareMax	CMAX	...	dd	2.57	-0.64	...
24.64	15.34	CarGurus	CARG	...	84	22.20	-0.16	...
8.59	3.44	CaribouBio	CRBU	...	dd	3.85	-0.35	...
9.77	1.53	CarismaTherap	CARM	...	dd	1.63	-0.30	...
48.52	25.20	Carlyle	CG	3.2	dd	44.08	-1.71	.35
16.84	13.12	CarlyleSecured	CGBD	9.6	10	16.70	+0.41	.08
5.16	1.25	CarParts.com	PRTS	...	dd	1.28	-0.14	...
9.54	3.30	CarrolsRestr	TAST	.8	21	9.52	+0.04	.02
16.74	10.43	CarterBkshrs	CARE	...	12	11.43	-0.03	...
11.92	10.52	CartesianGrwIIA	RENE	...	27	11.18	+0.01	...
42.60	11.67	CartesianTherap	RNAC	...	dd	17.91	-1.48	...
12.67	10.34	CarticaAcqnA	CITE	...	39	11.14	+0.01	...
100.29	72.97	CasellaWaste	CWST	...	cc	93.43	-1.81	...
324.40	212.50	CaseysGenStores	CASY	.6	25	310.41	+0.35	.43
50.25	35.05	CassInfoSys	CASS	2.9	19	41.65	-3.79	.30
26.70	9.26	CastleBiosci	CSTL	...	dd	19.31	-0.75	...
45.72	27.24	CathayGenBncp	CATY	3.8	7	36.00	+0.76	.34
400.99	233.84	CavcoIndustries	CVCO	...	18	358.20	-18.05	...
24.43	10.68	CECO Env	CECO	...	63	23.04	+0.02	...
12.50	5.22	CellebriteDI	CLBT	...	dd	10.47	-0.08	...
3.77	0.96	Cellectis	CLLS	...	dd	2.55	-0.14	...
12.45	3.96	CentessaPharm	CNTA	...	dd	10.57	-0.75	...
2.52	0.43	Centogene	CNTG	...	...	.46	-0.10	...
44.45	27.86	CentralGarden	CENT	...	16	39.98	+0.24	...
39.55	27.02	CentralGardenA	CENTA	...	17	34.52	+0.20	...
18.64	5.70	CenturyAluminum	CENX	...	dd	17.89	+1.41	...
5.51	1.28	CenturyTherap	IPSC	...	dd	3.09	-0.82	...
3.38	1.56	Ceragon	CRNT	...	37	2.73	-0.18	...
36.79	9.98	Cerence	CRNC	...	dd	10.35	-3.01	...
12.80	1.41	CERoTherap	CERO	...	dd	1.50	-0.28	...
24.96	11.81	Certara	CERT	...	dd	15.93	-1.74	...
3.08	1.21	Cerus	CERS	...	dd	1.68	-0.07	...
39.95	24.98	ChampionX	CHX	1.1	23	35.53	-1.69	.095
458.30	254.31	CharterComms	CHTR	...	9	265.21	+4.71	...
168.82	117.18	CheckPoint	CHKP	...	22	157.95	-3.78	...
38.19	28.58	Cheesecake	CAKE	3.2	17	34.00	+0.55	.27
39.00	17.29	ChefsWarehouse	CHEF	...	41	32.42	-1.34	...
51.36	33.72	ChemungFinl	CHMG	2.9	8	43.50	+3.99	.31
11.76	10.49	ChengheAcqnIA	LATG	...	dd	11.28	-0.02	...
91.03	72.84	ChesapeakeEner	CHK	2.6	5	87.51	-1.08	.575
17.65	13.67	ChicagoAtlRealEst	REFI	12.1	7	15.49	+0.02	.47
2.15	0.13	ChickenSoupA	CSSE	...	dd	.14	-0.02	...
13.02	0.31	ChijetMotor	CJET	...	6	.34	...	...
38.03	6.98	Children'sPlace	PLCE	...	dd	8.25	+0.49	...
1.57	0.88	Chimerix	CMRX	...	dd	.88	-0.08	...
32.19	21.58	ChipMOSTechs	IMOS	4.1	17	27.81	-2.04	1.5007
190.23	133.34	ChordEnergy	CHRD	2.8	8	180.00	-7.12	2.00
10.85	10.16	ChurchillVII A	CVII	...	79	10.71	...	...
150.45	106.45	ChurchillDowns	CHDN	.3	22	118.96	-1.77	.382
43.17	30.04	Chuy's	CHUY	...	17	30.59	-0.96	...
100.01	42.78	Cimpress	CMPR	...	57	87.10	-6.09	...
124.35	95.01	CincinnatiFinl	CINF	2.7	10	119.95	+1.33	.81
704.84	438.59	Cintas	CTAS	.8	46	661.29	-7.12	1.35
5.75	1.76	CipherMining	CIFR	...	dd	3.84	+0.01	...
95.87	65.02	CirrusLogic	CRUS	...	26	82.02	-6.54	...
58.19	45.56	CiscoSystems	CSCO	3.3	15	48.32	-0.17	.40
32.90	14.21	CitiTrends	CTRN	...	dd	22.28	-0.66	...
12.61	7.61	CtznCmntyBcp	CZWI	2.9	9	10.97	+0.12	.32
115.89	82.53	CityHolding	CHCO	2.8	14	103.01	+4.23	.715
9.91	4.77	Clarus	CLAR	1.6	dd	6.24	+0.15	.025
5.25	2.18	CleanEnerFuels	CLNE	...	dd	2.22	-0.22	...
50.82	22.91	Clearfield	CLFD	...	33	28.28	-1.93	...
2.12	0.65	ClearsideBiomed	CLSD	...	dd	1.31	+0.06	...
12.35	10.40	ClimateRockA	CLRC	...	cc	11.33	+0.03	...
0.15	0.05	ClimateRockRt	CLRCR	...	...	.10	...	...
73.25	37.67	ClimbGlbl	CLMB	1.0	24	65.64	-2.04	.17
1.63	0.61	CloverHealth	CLOV	...	dd	.64	-0.03	...
48.50	32.20	CoastalFinl	CCB	...	12	39.25	+0.87	...
961.91	548.00	CocaColaCon	COKE	.2	20	817.18	+0.31	.50
72.67	56.28	Coca-ColaEuro	CCEP	2.9	17	67.58	-0.16	1.23
4.91	1.45	Codexis	CDXS	...	dd	2.83	-0.04	...
25.88	16.00	CodorusValleyBncp	CVLY	3.0	9	22.34	+0.97	.17
13.50	3.67	CogentBio	COGT	...	dd	6.71	+0.10	...
86.00	57.35	CogentComm	CCOI	6.0	2	63.29	+0.29	.965
59.51	34.28	Cognex	CGNX	.8	59	38.46	-1.79	.075
3.49	0.90	CognitionTherap	CGTX	...	dd	1.84	-0.12	...
80.09	58.09	CognizantTech	CTSH	1.8	16	67.44	-1.82	.30
8.53	4.00	CognyteSoftware	CGNT	...	dd	6.42	-0.31	...
8.33	1.43	CoherusBioSci	CHRS	...	dd	2.07	-0.16	...
43.99	28.57	Cohu	COHU	...	49	28.78	-2.49	...
283.48	46.43	CoinbaseGlbl	COIN	...	cc	211.01	-34.74	...
38.40	0.38	CollectiveAudience	CAUD	...	dd	.42	-0.05	...
40.95	20.83	CollegiumPharm	COLL	...	29	34.84	-0.87	...
131.05	83.38	CollibrisIntl	CIGI	.3	81	106.22	-6.94	.15
8.90	4.22	Collplant	CLGN	...	dd	5.20	-0.04	...
13.58	8.59	ColonyBankcorp	CBAN	4.2	9	10.63	+0.06	.1125
28.12	17.08	ColumbiaBanking	COLB	7.9	11	18.31	+0.66	.36
20.46	14.11	ColumbiaFinl	CLBK	...	48	16.71	+0.69	...
90.04	66.01	ColumbiaSportswr	COLM	1.6	19	76.55	+1.75	.30
44.97	30.29	ColumbusMcKinn	CMCO	.7	24	40.97	-0.77	.07
47.46	36.39	Comcast A	CMCSA	3.1	11	40.24	+0.87	.31
56.75	40.91	CommerceBcshrs	CBSH	2.0	15	53.85	+2.44	.27
11.96	5.48	CommVehicle	CVGI	...	4	6.33	+0.04	...
6.65	0.89	CommScope	COMM	...	dd	.92	-0.15	...
45.74	32.68	CmntyTrBcp	CTBI	4.4	10	41.82	+1.76	.46
102.22	56.76	CommvaultSystems	CVLT	...	dd	94.87	-1.62	...
12.00	10.23	CompassDigitalAcqn	CDAQ	...	cc	10.77	+0.02	...
16.00	0.20	CompleteSolaria	CSLR	...	dd	.45	-0.07	...
7.79	4.61	CompoSecure	CMPO	...	8	6.53	-0.10	...
22.20	9.60	comScore	SCOR	...	dd	14.45	-1.50	...
13.04	1.84	ComtechTel	CMTL	...	dd	1.85	-0.48	...
108.26	54.23	Concentrix	CNXC	2.0	11	55.19	-4.03	3.025
3.81	2.40	Conduent	CNDT	...	dd	3.06	-0.14	...
25.00	0.95	ConduitPharm	CDT	...	dd	3.12	-0.06	...
41.22	14.69	Confluent	CFLT	...	dd	26.89	-1.67	...
2.84	0.53	ConnectBiopharma	CNTB	...	...	1.54	-0.18	...
24.44	13.11	ConnectOneBncp	CNOB	3.6	9	18.64	+0.78	.17
5.26	2.55	Conn's	CONN	...	dd	3.74	-0.31	...
39.58	12.28	ConsensusCloud	CCSI	...	3	12.88	+0.19	...
4.65	2.93	ConsldComm	CNSL	...	dd	4.27	-0.02	...
38.29	16.50	ConsldWater	CWCO	1.6	13	24.45	-0.21	.095
198.83	74.91	ConstellationEner	CEG	.8	36	180.90	-10.77	3525
58.65	24.20	ConstructionPtrs	ROAD	...	46	50.03	-5.68	...
13.75	7.30	ConsumerPtfo	CPSS	...	5	9.00	-0.13	...
10.30	3.55	ContextLogic	WISH	...	dd	5.84	+0.84	...
16.05	13.90	ContineumTherap	CTNM	...	...	15.42	-0.08	...
104.07	75.94	Cooper	COO	.0	62	90.42	-3.10	.0075
58.58	38.35	Copart	CPRT	...	38	52.88	-2.50	...
6.10	2.61	CoreScientific	CORZ	...	dd	3.10	+0.09	...
7.00	2.57	CorMedix	CRMD	...	dd	5.28	-0.56	...
20.72	10.68	CorsairGaming	CRSR	...	cc	10.72	-0.82	...
265.14	187.92	Corvel	CRVL	...	54	234.36	-2.22	...
4.19	0.98	CorvusPharm	CRVS	...	dd	1.40	-0.13	...
100.38	67.35	CoStar	CSGP	...	92	84.26	-6.08	...
787.08	476.75	Costco	COST	.7	46	709.51	-21.80	1.16
32.00	13.97	Couchbase	BASE	...	dd	22.90	-1.77	...
57.57	33.58	CovenantLogist	CVLG	1.0	11	44.71	-0.75	.11
116.05	54.87	CrackerBarrel	CBRL	8.9	16	58.70	-0.46	1.30
5.54	3.19	CreativeMedia	CMCT	10.0	dd	3.39	-0.51	.085
616.66	379.77	CreditAcceptance	CACC	...	24	535.48	-19.03	...
23.90	7.20	CredoTech	CRDO	...	dd	16.92	-4.52	...
18.00	13.11	CrescentCapBDC	CCAP	9.6	8	17.17	+0.21	.41
10.13	5.44	Cresud	CRESY	.0	4	9.17	-0.18	.305
17.89	4.43	Cricut	CRCT	.0	22	5.27	+0.14	1.00
49.58	15.76	CrineticsPharm	CRNX	...	dd	42.97	-1.62	...
36.62	22.10	Criteo	CRTO	...	40	35.42	+0.96	...
22.50	5.32	CriticalMetals	CRML	...	dd	8.10	-2.99	...
151.32	74.00	Crocs	CROX	...	9	120.54	-5.00	...
2.99	1.64	Cronos	CRON	...	dd	2.37	-0.14	...
28.75	15.65	CrossCtyHlthcr	CCRN	...	9	17.50	-0.06	...
15.07	9.29	CrossFirstBkshs	CFB	...	9	12.43	-0.27	...
365.00	115.67	CrowdStrike	CRWD	...	cc	282.64	-26.41	...
20.62	7.64	CullinanOncology	CGEM	...	dd	15.66	-1.01	...
2.36	1.43	CumberlandPharm	CPIX	...	dd	1.60	-0.03	...
6.59	2.57	CumulusMedia	CMLS	...	dd	2.99	-0.13	...
12.36	2.36	CureVac	CVAC	...	dd	2.44	-0.47	...
23.28	1.28	Cutera	CUTR	...	dd	1.95	-0.26	...
33.14	9.18	CVRx	CVRX	...	dd	14.90	-2.33	...
283.00	120.11	CyberArkSoftware	CYBR	...	dd	233.71	-14.72	...
12.31	3.80	CytekBiosci	CTKB	...	dd	5.92	-0.25	...
110.25	25.98	Cytokinetics	CYTK	...	dd	67.55	-4.01	...
2.86	1.04	CytomXTherap	CTMX	...	dd	1.67	-0.48	...

D

2.37	0.65	DBV Tech	DBVT	...	dd	.68	-0.01	...
3.29	0.72	DH US	DHAI	...	...	1.31	+0.02	...
27.16	14.89	DMC Global	BOOM	...	16	17.02	-0.51	...
1.89	0.90	D-MarketElec	HEPS	...	cc	1.31	-0.05	...
10.14	10.07	DTCloudAcqn	DYCQ	...	...	10.11	+0.01	...
0.23	0.17	DTCloudAcqnRt	DYCQR	...	...	.18	-0.01	...
11.83	10.40	DuetAcqnA	DUET	...	cc	10.96	...	...
57.38	22.06	DXP Ents	DXPE	...	13	50.47	-3.55	...
7.03	1.36	DadaNexus	DADA	...	dd	1.86	-0.05	...
12.42	4.66	Daktronics	DAKT	...	8	9.14	-0.34	...
5.13	3.72	DallasNews	DALN	17.2	dd	3.73	+0.01	.16
138.61	62.60	Datadog	DDOG	...	cc	120.09	-7.42	...
69.82	31.65	Dave&Buster's	PLAY	...	19	53.70	-2.39	...
43.99	4.47	Dave	DAVE	...	dd	33.31	-1.31	...
2.65	1.27	DawsonGeophys	DWSN	...	dd	1.68	-0.11	...
17.85	9.67	DayOneBiopharm	DAWN	...	dd	14.96	+1.19	...
17.73	9.90	DecipheraPharm	DCPH	...	dd	14.67	-0.38	...
12.46	5.53	DefinitiveHlthcr	DH	...	dd	7.06	-0.29	...
14.10	4.05	DenaliCapAcqnA	DECA	...	cc	8.69	+0.29	...
33.31	15.45	DenaliTherap	DNLI	...	dd	16.00	-2.26	...
43.24	26.27	DentsplySirona	XRAY	2.1	dd	30.50	-0.80	.14
94.54	69.59	DescartesSystems	DSGX	...	68	90.32	+1.61	...
8.47	1.94	DesignTherap	DSGN	...	dd	3.70	+0.01	...
5.36	3.15	DestinationXL	DXLG	...	8	3.26	-0.02	...
2.89	2.12	Deswell	DSWL	8.9	6	2.25	-0.06	.10
142.00	74.75	DexCom	DXCM	...	cc	130.71	-5.43	...
188.28	144.35	DiamondHillInvt	DHIL	4.0	11	150.83	+0.26	1.50
211.96	123.41	DiamondbkEner	FANG	1.8	12	200.74	-5.60	2.18
42.95	21.25	DigiIntl	DGII	...	68	29.31	-1.60	...
43.43	16.13	Digimarc	DMRC	...	dd	22.59	-0.84	...
27.91	15.57	DimeCommBcshs	DCOM	5.4	8	18.68	+0.17	.25
97.37	60.00	Diodes	DIOD	...	14	66.89

DATA

NASDAQ ISSUES

BARRONS.COM/DATA

52-Week High	Low	Name	Tick Sym	Yld	P/E	Last	Chg.	Div Amt.
13.70	2.43	FulcrumTherap	FULC	...	dd	6.84	-0.66	...
44.09	19.88	FulgentGenetics	FLGT	...	dd	20.36	-0.42	...
17.06	9.64	FultonFin	FULT	4.5	9	14.99	+0.17	.17
2.57	1.00	FundamentalGlbl	FGF	...	6	1.37	-0.08	...
13.42	5.27	Funko	FNKO	...	dd	6.01	+0.37	...
4.65	0.50	FusionFuelGreen	HTOO	...	...	1.27	-0.13	...
21.55	2.31	FusionPharm	FUSN	...	dd	21.26	-0.05	...
67.49	35.91	Futu	FUTU	...	14	54.77	-2.72	...
G								
9.70	6.56	GCM Grosvenor	GCMG	4.7	dd	9.44	+0.01	.11
8.50	1.90	GDEV	GDEV	...	dd	2.26	+0.01	...
16.22	5.01	GDS Holdings	GDS	...	dd	6.32	+0.21	...
94.50	62.35	GE HealthCare	GEHC	.1	28	84.49	-1.79	.03
20.50	5.61	GEN Restaurant	GENK	...	36	9.15	-0.40	...
14.64	5.05	GH Research	GHRS	...	dd	11.03	-0.16	...
35.68	14.49	G-IIIApparel	GIII	...	7	27.64	+0.52	...
5.00	1.08	G1Therapeutics	GTHX	...	dd	4.11	-0.44	...
82.48	51.77	GRAVITY	GRVY	...	5	66.44	-1.69	...
9.66	0.85	GRIID Infr	GRDI	...	...	1.06	-0.02	...
9.80	1.47	GSI Tech	GSIT	...	dd	3.42	-0.57	...
4.00	2.11	Gaia	GAIA	...	dd	3.93	+0.28	...
6.19	2.00	GainTherap	GANX	...	dd	3.18	+0.03	...
45.21	28.82	Galapagos	GLPG	...	dd	29.08	-1.17	...
3.59	0.09	GaleraTherap	GRTX	...	dd	.18	+0.03	...
14.83	8.35	Gambling.com	GAMB	...	18	8.70	+0.18	...
52.45	41.80	Gaming&Leisure	GLPI	7.1	15	42.80	-0.18	.76
10.16	6.43	GarrettMotion	GTX	...	dd	9.35	-0.15	...
24.37	15.45	GenDigital	GEN	2.4	9	20.50	-0.43	.125
12.24	1.16	GeneDx	WGS	...	dd	9.64	+0.02	...
11.20	10.39	GenAsia I A	GAQ	...	37	11.15	+0.06	...
6.98	0.86	GenerationBio	GBIO	...	dd	2.80	-0.90	...
4.75	2.89	Genfit	GNFT	...	dd	3.41	-0.17	...
42.72	26.32	Genmab	GMAB	...	30	28.70	-0.56	...
37.58	25.85	Gentex	GNTX	1.4	19	33.91	-0.34	.12
66.54	38.21	Gentherm	THRM	...	41	49.99	-1.90	...
17.09	6.60	GeospaceTech	GEOS	...	7	12.51	-0.62	...
34.96	24.85	GermanAmBncp	GABC	3.3	11	33.16	+1.02	.27
4.05	1.64	Geron	GERN	...	dd	3.69	+0.05	...
87.40	48.01	GibraltarInds	ROCK	...	20	71.32	-2.87	...
45.18	4.93	GigaCloudTech	GCT	...	15	34.69	+2.94	...
7.16	4.51	GilatSatellite	GILT	...	13	5.31	-0.29	...
87.87	65.90	GileadSciences	GILD	4.6	15	66.76	-1.31	.77
78.53	26.24	GitLab	GTLB	...	dd	51.49	-5.58	...
22.56	18.38	GladstoneCap	GLAD	9.4	7	21.05	+0.74	.165
14.14	10.84	GladstoneComm	GOOD	9.1	dd	13.15	-0.06	.10
14.96	12.14	GladstoneInvt	GAIN	6.8	7	14.04	+0.11	.08
17.48	12.31	GladstoneLand	LAND	4.4	dd	12.69	-0.20	.0466
12.00	10.31	GlblBlockchain	GBBK	...	54	10.77	-0.01	...
0.55	0.01	GlbBlockchainRt	GBBKR	...	...	.08	-0.01	...
45.72	26.01	Global-EOnline	GLBE	...	dd	33.00	-1.43	...
10.33	10.04	GlobalLightsAcqn	GLAC	...	...	10.21	-0.03	...
0.42	0.15	GlobalLightsAcqnRt	GLACR	...	...	.25	+0.04	...
11.31	10.32	GlobalStarA	GLST	...	cc	10.82	+0.06	...
0.18	0.02	GlobalStarRt	GLSTR	...	...	.07	...	...
13.43	9.34	GlobalWaterRscs	GWRS	2.4	38	12.44	+0.24	.0251
68.57	46.23	GlobalFoundries	GFS	...	25	46.26	-3.12	...
3.53	1.11	GlycoMimetics	GLYC	...	dd	1.93	-0.48	...
17.94	7.53	Gogo	GOGO	...	8	8.35	+0.04	...
3.55	1.21	Gogoro	GGR	...	dd	1.41	-0.19	...
25.90	19.62	GolarLNG	GLNG	4.0	dd	25.17	+0.20	.25
47.50	30.38	GoldenEnt	GDEN	2.9	4	33.97	-0.28	.25
13.95	6.89	GoldenOcean	GOGL	4.6	23	12.97	-0.04	.30
10.70	10.14	GoldenStarAcqn	GODN	...	dd	10.70	+0.04	...
1.00	0.14	GoldenStarAcqnRt	GODNR	...	...	.39	+0.02	...
16.83	12.78	GolubCapital	GBDC	9.3	9	16.80	+0.26	.39
9.37	4.14	GoodRx	GDRX	...	dd	6.69	-0.14	...
16.51	10.12	Goodyear	GT	...	dd	11.88	-0.39	...
92.76	53.57	GooseheadIns	GSHD	...	cc	57.81	-0.27	...
4.53	1.68	GoPro	GPRO	...	dd	1.70	-0.12	...
11.10	10.04	GoresIX A	GHIX	...	dd	10.56	...	...
1.88	0.45	GossamerBio	GOSS	...	dd	.78	-0.11	...
3.92	2.67	Grab	GRAB	...	dd	3.37	+0.04	...
144.94	99.65	GrandCanyonEduc	LOPE	...	19	127.15	-3.55	...
14.00	3.40	GraphjetTech	GTI	...	88	6.43	-3.71	...
11.82	7.51	GreatElmCap	GECC	13.3	3	10.50	+0.12	.35
2.30	1.59	GreatElm	GEG	...	6	1.88	-0.06	...
9.78	5.26	GreatLakesDredge	GLDD	...	36	7.45	-0.50	...
61.94	45.39	GreatSouthernBnc	GSBC	3.1	10	52.45	+1.54	.40
36.02	19.44	GreenPlains	GPRE	...	dd	22.23	+0.30	...
9.26	1.55	GreenidgeGen	GREE	...	dd	2.50	-0.30	...
12.89	9.48	GreenlightCapRe	GLRE	...	5	12.48	+0.37	...
12.15	5.30	GriffonCorp	GRFS	...	25	6.28	-0.28	...
14.90	6.80	GrindrodShipping	GRIN	.9	dd	13.57	-0.07	1.016
3.33	0.67	Gritstone	GRTS	...	dd	.74	-0.10	...
36.54	23.41	GroceryOutlet	GO	...	34	26.97	+0.68	...
19.56	2.89	Groupon	GRPN	...	dd	9.51	-0.86	...
100.21	50.23	GrAeroportuario	OMAB	...	17	75.10	-4.46	...
41.06	15.81	GuardantHealth	GH	...	dd	16.07	-2.19	...
7.93	2.95	GulfIslandFab	GIFI	...	dd	6.44	+0.06	...
3.13	0.85	GulfResources	GURE	...	dd	1.39	-0.03	...
H								
66.18	32.33	H&E Equipment	HEES	1.9	13	58.29	-3.70	.275
21.87	16.33	HBT Finl	HBT	4.1	9	18.52	-0.08	.19
2.32	0.91	HCW Biologics	HCWB	...	dd	1.53	-0.15	...
24.95	17.31	HMN Fin	HMNF	1.6	15	19.75	-0.13	.08
20.73	10.68	Hutchmed	HCM	...	29	16.50	-1.38	...
15.04	0.75	HWH Intl	HWH	...	21	1.32	+0.15	...
48.84	30.20	H World	HTHT	1.6	21	36.89	-0.59	.31
26.69	17.18	HackettGroup	HCKT	1.9	18	22.60	-0.11	.11
18.25	5.69	HainCelestial	HAIN	...	dd	6.00	-0.08	...
45.00	29.85	HalozymeTherap	HALO	...	18	38.64	+0.03	...
121.90	62.86	HamiltonLane	HLNE	1.6	34	110.08	-0.45	.445
49.65	31.02	HancockWhitney	HWC	2.7	10	44.27	+1.71	.30
20.31	13.35	HanmiFinancial	HAFC	6.6	6	15.21	+0.38	.25
18.91	13.62	HanoverBancorp	HNVR	2.5	8	16.13	+1.99	.10
12.44	7.51	HarborOneBncp	HONE	3.3	27	9.75	+0.31	.08
18.43	8.80	Harmonic	HLIT	...	13	9.68	-0.88	...
39.27	18.61	HarmonyBio	HRMY	...	14	29.40	-0.10	...
28.25	7.60	Harrow	HROW	...	dd	10.45	-2.20	...
8.85	5.00	Harte-Hanks	HHS	...	dd	6.99	...	...
6.29	3.69	HarvardBioSci	HBIO	...	dd	3.70	-0.54	...
73.58	42.66	Hasbro	HAS	5.1	dd	55.27	-0.53	.70
36.39	18.91	HashiCorp	HCP	...	dd	23.97	-0.58	...
14.89	3.70	HawaiianHoldings	HA	...	dd	12.95	-0.06	...
79.30	39.20	Hawkins	HWKN	.9	21	74.63	-2.58	.16
26.00	15.02	HawthornBcsh	HWBK	3.4	cc	19.75	-1.45	.17
60.86	41.15	HaynesIntl	HAYN	1.5	19	60.25	-0.41	.22
14.37	5.51	HealthCatalyst	HCAT	...	dd	5.58	-0.51	...
15.97	8.75	HealthcareSvcs	HCSG	...	23	11.94	+0.31	...
84.49	48.86	HealthEquity	HQY	...	cc	80.89	+1.04	...
29.12	20.47	HealthStream	HSTM	.5	50	24.84	+0.08	.028
17.08	10.00	HeartlandExp	HTLD	.8	56	10.49	-0.40	.02
39.39	26.10	HeartlandFinUSA	HTLF	3.4	21	34.80	+0.96	.30
35.38	22.52	Heidrick&Strug	HSII	2.0	12	30.50	-0.12	.15
143.68	81.14	HelenofTroy	HELE	...	15	100.00	+0.15	...
10.83	10.03	HelixAcqnIIA	HLXB	...	...	10.25	-0.09	...
11.12	5.30	HelloGroup	MOMO	.0	4	5.59	+0.29	.52
7.68	6.33	HennessyAdvsrs	HNNA	8.0	11	6.89	-0.26	.1375
11.47	10.10	HennessyCapVI	HCVI	...	67	10.48	+0.03	...
85.39	60.01	HenrySchein	HSIC	...	22	70.86	-0.15	...
10.22	6.69	HeritageCommerce	HTBK	6.4	8	8.12	+0.21	.13
22.55	14.85	HeritageFin	HFWA	5.1	10	18.17	+0.86	.23
19.36	5.83	HertzGlobal	HTZ	...	3	5.97	-0.88	...
13.98	3.28	Hesai	HSAI	...	dd	3.97	-0.55	...
83.00	34.86	Hibbett	HIBB	1.4	9	71.14	-0.12	.25
10.06	1.96	HighestPerf	HPH	...	dd	8.77	-0.49	...
23.07	10.44	HighPeakEner	HPK	1.0	10	15.51	+0.23	.04
20.22	9.94	HilleVax	HLVX	...	dd	12.30	-2.74	...
10.85	6.02	HillmanSolns	HLMN	...	dd	9.36	-0.48	...
7.70	4.80	HimaxTechs	HIMX	9.7	17	4.83	-0.41	.488
230.77	147.01	HinghamSvg	HIFS	1.5	15	170.63	+5.47	.63
27.26	15.13	HollysysAuto	HOLI	...	18	24.55	-0.84	...
87.88	64.02	Hologic	HOLX	...	36	75.38	-1.95	...
44.00	27.75	HomeBancorp	HBCP	2.8	8	36.09	+1.39	.25
17.97	4.20	HomeStreet	HMST	3.2	dd	12.68	-0.19	.10
30.99	18.02	HomeTrustBcshs	HTBI	1.8	8	24.30	+0.13	.11
4.89	1.06	Honest	HNST	...	dd	3.03	-0.22	...
210.87	174.88	Honeywell	HON	2.2	23	194.26	-1.90	1.08
27.15	14.73	HookerFurnishings	HOFT	5.0	21	18.32	-0.08	.23
12.51	7.42	HopeBancorp	HOPE	5.2	10	10.72	+0.15	.14
14.71	7.69	HorizonBancorp	HBNC	5.4	19	11.84	+0.29	.16
10.93	10.25	HorizonSpacel	HSPO	...	34	10.92	+0.02	...
0.32	0.04	HorizonSpacel Rt	HSPOR	...	...	.10	+0.02	...
13.73	10.75	HorizonTechFin	HRZN	11.5	dd	11.49	+0.28	.11
21.31	14.92	HostHotels	HST	4.3	18	18.71	-1.29	.20
11.50	0.68	HubCyberSecurity	HUBC	...	...	1.36	+0.06	...
47.59	31.73	HubGroup	HUBG	1.3	8	39.80	-1.12	.125
12.49	10.24	HudsonAcqnI	HUDA	...	dd	12.49	+1.81	...
2.50	0.10	HudsonAcqnIRt	HUDAR	...	...	.21	+0.02	...
24.00	13.38	HudsonGlobal	HSON	...	24	16.90	-0.50	...
2.08	0.53	HuizeHolding	HUIZ	...	3	.61	+0.01	...
5.60	1.96	Humacyte	HUMA	...	dd	3.70	+0.82	...
219.51	160.07	JBHunt	JBHT	1.0	27	167.30	-18.17	.43
14.07	9.13	HuntingtonBcshs	HBAN	4.7	12	13.28	-0.03	.155
28.20	18.87	Hurco	HURC	3.4	91	19.04	-0.22	.16
113.31	70.66	HuronConsulting	HURN	...	29	92.32	-0.07	...
22.75	6.18	Hut8	HUT	...	dd	8.05	+0.33	...
1.64	0.67	Hydrofarm	HYFM	...	dd	.90	-0.05	...
3.28	0.80	Hyperfine	HYPR	...	dd	.83	-0.17	...
7.50	0.80	Hywin	HYW	...	1	.80	-0.18	...
2.17	0.45	HyzonMotors	HYZN	...	dd	.60	-0.05	...
I								
69.85	41.39	IAC	IAC	...	19	48.00	-0.19	...
23.49	11.45	IBEX	IBEX	...	8	13.36	-0.74	...
158.00	105.18	ICF Intl	ICFI	.4	32	140.27	-3.38	.14
212.43	78.28	ICU Medical	ICUI	...	dd	95.77	-2.43	...
47.74	14.46	IDEAYA Bio	IDYA	...	dd	37.13	-4.84	...
583.39	372.50	IdexxLab	IDXX	...	47	476.35	-21.44	...
138.56	41.60	IES Holdings	IESC	...	22	115.51	-7.94	...
17.70	3.81	IGM Biosci	IGMS	...	dd	7.20	-1.96	...
3.45	1.16	I-Mab	IMAB	...	...	1.80	-0.01	...
3.95	0.65	IN8bio	INAB	...	dd	1.03	-0.08	...
2.64	0.82	IO Biotech	IOBT	...	dd	1.48	-0.07	...
141.85	83.00	IPG Photonics	IPGP	...	18	84.27	-1.48	...
25.70	17.54	i3Verticals	IIIV	...	dd	22.33	-0.65	...
12.15	10.13	IXAcqnA	IXAQ	...	27	11.32	+0.01	...
51.90	15.00	IcahnEnterprises	IEP	29.4	dd	17.00	-0.31	1.00
46.43	22.26	Ichor	ICHR	...	dd	36.87	-2.03	...
4.01	1.36	iClickInteract	ICLK	...	...	3.25	-0.70	...
344.77	181.92	Icon	ICLR	...	39	288.23	-17.77	...
4.74	1.78	iHeartMedia	IHRT	...	dd	1.90	-0.28	...
7.64	1.02	IkenaOncology	IKNA	...	dd	1.33	...	...
229.58	89.00	Illumina	ILMN	...	dd	117.43	-9.64	...
8.62	5.94	Immersion	IMMR	2.1	7	7.17	-0.03	.045
12.23	1.56	Immuneering	IMRX	...	dd	1.80	-0.30	...
3.11	0.95	Immunic	IMUX	...	dd	1.18	-0.26	...
6.93	1.25	ImmunityBio	IBRX	...	dd	5.27	+0.16	...
76.98	42.21	Immunocore	IMCR	...	dd	55.68	-0.85	...
4.22	0.94	ImmunoPrecise	IPA	...	dd	1.26	-0.10	...
45.58	15.12	Immunovant	IMVT	...	dd	28.22	-1.13	...
3.90	1.50	Immutep	IMMP	...	dd	2.25	-0.24	...
141.03	48.39	Impinj	PI	...	dd	116.32	-3.66	...
71.85	37.92	InariMedical	NARI	...	dd	38.59	-2.19	...
12.68	0.80	IncannexHealthcare	IXHL	...	...	2.38	-0.60	...
11.24	10.21	InceptionGrowth	IGTA	...	67	11.00	...	...
0.33	0.09	InceptionGrowthRt	IGTAR	...	...	.26	+0.03	...
75.74	50.27	Incyte	INCY	...	20	52.35	-1.50	...
68.75	43.28	IndependentBank	INDB	4.5	10	50.56	+1.92	.57
27.39	14.90	IndepBankMI	IBCP	3.9	9	24.36	+1.08	.24
53.25	28.81	IndependentBank	IBTX	3.7	40	41.60	+1.05	.38
26.50	14.38	Indivior	INDV	...	dd	18.52	-0.80	...
4.88	1.65	IndlLogistics	ILPT	1.1	dd	3.66	-0.27	.01
6.62	2.82	Infinera	INFN	...	dd	4.72	-0.07	...
5.20	1.14	InflaRx	IFRX	...	dd	1.35	-0.15	...
10.74	10.07	InflectionPtIIA	IPXX	...	49	10.52	+0.01	...
5.87	3.51	InfoSvcs	III	5.0	30	3.60	-0.09	.045
94.68	72.72	InglesMarkets	IMKTA	.9	8	75.34	+2.33	.165
39.79	14.31	Inhibrx	INBX	...	dd	34.32	-0.66	...
48.25	16.96	InMode	INMD	...	8	17.41	-0.51	...
3.57	1.81	InnatePharma	IPHA	...	dd	2.44	-0.04	...
15.36	5.57	Innodata	INOD	...	dd	5.80	-0.53	...
131.18	91.74	Innospec	IOSP	1.2	22	122.28	-0.38	.72
8.05	3.82	InnovAge	INNV	...	dd	3.95	+0.04	...
9.00	6.11	InnovSolSuprt	ISSC	...	18	6.52	-0.21	...
16.86	11.37	Innoviva	INVA	...	7	14.95	+0.32	...
14.10	4.13	Inogen	INGN	...	dd	6.75	-0.61	...
7.80	2.69	InozymePharma	INZY	...	dd	4.51	-0.63	...
12.30	1.62	Inseego	INSG	...	dd	3.00	+0.68	...
194.57	117.99	InsightEnt	NSIT	...	24	182.58	-0.09	...
32.00	17.41	Insmed	INSM	...	dd	24.32	-2.93	...
25.00	3.15	Inspirato	ISPO	...	dd	3.91	-0.12	...
335.91	125.82	Insulet	PODD	...	57	166.25	-8.97	...
50.46	30.58	Intapp	INTA	...	dd	30.76	-0.59	...
59.10	27.85	IntegraLifeSci	IART	...	34	28.68	-4.12	...
20.88	8.92	IntegralAd	IAS	...	cc	9.11	-0.76	...
51.28	26.86	Intel	INTC	1.5	89	34.20	-1.49	.125
47.48	20.78	IntelliaTherap	NTLA	...	dd	21.57	-2.70	...
4.25	1.56	Intellicheck	IDN	...	dd	2.92	-0.50	...
6.44	1.51	Inter	INTR	.6	34	5.21	-0.17	.03
160.29	120.71	InterParfums	IPAR	2.3	27	127.88	+1.50	.75
116.92	70.83	InteractiveBrkrs	IBKR	.9	19	111.55	+1.16	.25
2.92	0.99	Intercure	INCR	...	19	2.53	+0.17	...
119.86	66.82	InterDigital	IDCC	1.7	13	96.63	+0.08	.40
18.47	6.51	Interface	TILE	.3	20	14.88	-0.55	.01
56.53	39.10	IntlBcshs	IBOC	2.4	8	54.42	+1.94	.66
7.23	3.07	Intevac	IVAC	...	dd	3.61	-0.17	...
84.89	45.50	Intra-Cellular	ITCI	...	dd	72.37	+6.49	...
671.01	400.22	Intuit	INTU	.6	62	605.17	-15.94	.90
13.25	2.09	IntuitiveMachinesA	LUNR	...	2	5.20	+0.12	...
403.76	254.85	IntuitiveSurgical	ISRG	...	66	366.34	-18.46	...
5.05	2.22	Inventiva	IVA	...	dd	3.33	-0.22	...
17.99	9.07	Investar	ISTR	2.5	9	15.72	+0.02	.10
4.50	2.98	InvestcpCredit	ICMB	15.0	dd	3.20	+0.06	.03
11.33	10.50	InvestcorpEur I A	IVCB	...	dd	11.32	...	...
11.31	10.55	InvestcorpIndiaA	IVCA	...	32	11.25	+0.01	...
171.60	127.71	InvestorsTitle	ITIC	1.1	14	161.69	+5.15	.46
5.20	0.98	Invivyd	IVVD	...	dd	2.30	-0.65	...
54.44	34.32	IonisPharm	IONS	...	dd	40.68	-1.06	...
18.33	3.21	IovanceBiotherap	IOVA	...	dd	11.31	-1.05	...
6.78	3.06	iQIYI	IQ	...	15	4.09	-0.03	...
140.23	70.24	iRhythmTechs	IRTC	...	dd	112.09	-1.03	...
3.65	1.31	Iridex	IRIX	...	dd	2.87	-0.48	...
68.34	24.14	IridiumComm	IRDM	1.9	cc	27.40	+2.73	.13
9.69	2.79	IrisEnergy	IREN	...	...	4.95	+0.30	...
51.49	7.00	iRobot	IRBT	...	dd	7.24	-0.61	...
10.05	9.97	IronHorseAcqns	IROH	...	...	10.04	+0.01	...
0.24	0.18	IronHorseAcqnsRt	IROHR	...	...	.18	-0.06	...
15.70	7.53	IronwoodPharm	IRWD	...	dd	7.92	+0.04	...
11.51	10.20	IsraelAcqns	ISRL	...	36	10.92	...	...
18.24	8.20	iTeosTherap	ITOS	...	dd	10.56	-1.16	...
96.73	50.60	Itron	ITRI	...	43	89.68	-1.76	...
31.01	20.35	IturanLocation	ITRN	3.7	10	25.05	-1.02	.39
J								
36.84	15.30	JakksPacific	JAKK	...	6	22.47	-0.43	...
177.71	133.23	J&JSnackFoods	JJSF	2.1	33	137.09	+2.51	.735
41.95	20.82	JD.com	JD	2.9	12	25.51	+0.12	.76
29.95	0.57	J-Long	JL	.0	...	.63	-0.15	.19
43.20	24.12	Joyy	YY	3.8	7	32.23	-0.67	.20
178.37	136.57	JackHenry	JKHY	1.3	32	165.60	-1.97	.55
99.56	57.74	JackintheBox	JACK	3.0	10	59.64	+0.09	.44
22.15	6.35	JamesRiver	JRVR	2.1	dd	9.34	+0.88	.05
22.89	14.83	JamfHolding	JAMF	...	dd	18.60	+0.54	...
58.69	5.65	JanuxTherap	JANX	...	dd	48.69	-3.96	...
146.70	106.61	JazzPharm	JAZZ	...	19	109.94	-0.64	...
17.50	0.66	Jet.AI	JTAI	...	dd	.73	-0.07	...
9.45	3.42	JetBlue	JBLU	...	dd	7.11	+0.36	...
48.81	17.11	JFrog	FROG	...	dd	37.14	-1.46	...
5.37	1.54	JianzhiEduc	JZ	...	dd	2.19	-0.12	...
8.19	3.90	Jiayin	JFIN	11.9	2	6.36	-0.10	.40
64.71	42.11	JohnsonOutdoors	JOUT	3.0	25	43.46	+0.53	.33
K								
729.15	355.88	KLA	KLAC	.9	32	628.16	-52.62	1.45
13.42	6.91	KLX Energy	KLXE	...	6	7.21	-0.40	...
11.33	4.30	KVH Inds	KVHI	...	dd	4.94	-0.43	...
95.56	53.67	KaiserAlum	KALU	3.4	30	89.49	+0.34	.77
2.27	1.14	Kaltura	KLTR	...	dd	1.20	-0.12	...
16.88	7.21	KalVistaPharm	KALV	...	dd	11.57	-0.32	...
6.53	4.08	Kamada	KMDA	...	34	5.05	-0.09	...
4.27	2.00	KandiTech	KNDI	...	cc	2.55	+0.46	...
21.32	12.57	Kanzhun	BZ	.0	52	17.84	-0.90	.18
30.94	13.43	KaratPkg	KRT	3.0	17	26.83	-0.90	.30
4.11	0.62	KaryopharmTherap	KPTI	...	dd	1.17	-0.05	...
136.17	78.00	Kaspi.kz	KSPI	6.1	12	115.72	+3.81	1.8485
24.76	8.26	Katapult	KPLT	...	dd	9.06	-0.14	...
9.46	5.44	KearnyFinancial	KRNY	7.5	21	5.84	+0.03	.11
10.99	10.14	KeenVisionAcqn	KVAC	...	cc	10.50	...	...
25.27	15.53	KellyServices A	KELYA	1.3	24	23.71	+0.30	.075
6.84	3.76	KY FirstFedBncp	KFFB	.0	dd	3.85	+0.01	.10
73.00	27.02	KerosTherap	KROS	...	dd	58.28	-0.33	...
35.99	27.66	KeurigDrPepper	KDP	2.7	20	31.50	+1.28	.215
36.86	14.56	KewauneeSci	KEQU	...	12	35.36	+1.16	...
7.02	3.72	KeyTronic	KTCC	...	11	4.56	+0.03	...
3.13	0.67	KezarLifeSci	KZR	...	dd	.79	-0.07	...
74.79	50.69	Kforce	KFRC	2.4	20	63.56	-1.30	.38
31.43	19.52	KimballElec	KE	...	10	20.78	+0.07	...
7.42	2.34	KingsoftCloud	KC	...	dd	2.65	-0.05	...
22.09	10.65	KiniksaPharm	KNSA	...	92	16.91	-0.38	...
3.88	1.40	Kirkland's	KIRK	...	dd	1.92	-0.43	...
9.80	1.37	KodiakSciences	KOD	...	dd	3.36	-1.05	...
31.94	13.29	KornitDigital	KRNT	...	dd	15.48	-0.42	...
41.47	30.68	KraftHeinz	KHC	4.2	16	37.78	+1.84	.40
21.60	12.12	KratosDefense	KTOS	...	dd	18.02	-0.19	...
17.84	11.52	KrispyKreme	DNUT	1.0	dd	13.64	-1.16	.035
2.29	0.73	KronosBio	KRON	...	dd	1.01	-0.12	...
60.20	40.20	Kulicke&Soffa	KLIC	1.8	50	44.90	-2.88	.20
24.17	7.41	KuraOncology	KURA	...	dd	17.53	-1.95	...
122.81	51.02	KuraSushiUSA	KRUS	...	cc	107.98	-2.68	...
45.31	9.60	KymeraTherap	KYMR	...	dd	33.97	-1.61	...
35.06	17.76	KyvernaTherap	KYTX	...	...	18.20	-4.58	...
L								

DATA NASDAQ ISSUES

52-Week High	52-Week Low	Name	Tick Sym	Yld	P/E	Last	Chg.	Div Amt.
10.43	0.74	MoneyHero	MNY	...	dd	2.05	-0.03	...
509.62	212.52	MongoDB	MDB	...	dd	327.47	-24.59	...
778.15	383.19	MonolithicPower	MPWR	.8	67	591.52	-66.71	1.25
50.20	22.72	Monro	MNRO	3.8	29	29.58	-0.82	.28
61.23	47.13	MonsterBev	MNST	...	34	53.14	-1.87	...
8.84	2.44	MonteRosaTherap	GLUE	...	dd	5.85	-1.36	...
11.33	10.27	MontereyCapA	MCAC	...	dd	11.22	+0.01	...
316.06	163.28	Morningstar	MORN	.5	91	297.96	-7.89	.405
63.08	19.35	Morphic	MORF	...	dd	27.99	-0.67	...
18.31	4.18	MorphoSys	MOR	...	dd	17.98	-0.08	...
10.40	4.26	MotorcarParts	MPAA	...	dd	5.51	-0.73	...
11.53	10.69	MountainI A	MCAA	...	51	11.53	+0.01	...
17.00	3.23	MuralOncology	MURA	...	..	3.57	-0.65	...
7.60	3.01	Mynaric	MYNA	...	dd	5.58	+0.65	...
24.21	13.82	MyriadGenetics	MYGN	...	dd	18.50	-1.05	...
N								
46.26	17.76	Napco Security	NSSC	1.0	34	40.02	+1.25	.10
43.77	27.53	NBT Bancorp	NBTB	3.7	13	34.61	+0.75	.32
270.73	149.54	NICE	NICE	...	44	224.19	-7.79	...
32.50	22.22	NMI Holdings	NMIH	...	8	30.03	+0.16	...
5.40	0.97	NN	NNBR	...	dd	3.85	-0.04	...
119.56	88.56	NV5Global	NVEE	...	31	90.04	-4.79	...
264.26	155.31	NXP Semicon	NXPI	1.9	20	215.12	-18.491	.014
11.00	10.12	NaborsEnerIIA	NETD	...	53	10.49	...	...
4.75	0.40	NanoLabs	NA	...	...	.43	-0.32	...
22.69	4.89	NanoXImaging	NNOX	...	dd	8.60	-1.11	...
11.00	1.75	Nanobiotix	NBTX	...	dd	5.41	-0.68	...
64.25	46.88	Nasdaq	NDAQ	1.5	29	60.35	-1.17	.22
98.82	36.90	Natera	NTRA	...	dd	85.28	-9.19	...
83.00	61.35	Nathan's	NATH	3.1	14	64.94	-1.35	.50
55.12	43.74	NationalBeverage	FIZZ	...	25	45.35	-0.93	...
5.75	1.80	NatlCineMedia	NCMI	...	1	4.50	-0.23	...
47.25	32.08	NatlResearch	NRC	1.4	27	34.03	-0.07	.12
27.02	13.71	NationalVision	EYE	...	dd	18.78	-0.74	...
493.00	243.00	NatlWesternLife	NWLI	.1	18	487.51	-3.51	.36
9.44	5.06	NaturalAlt	NAII	...	dd	6.68	-0.01	...
11.55	0.80	Nature'sMiracle	NMHI	...	4	.95	-0.03	...
4.65	2.16	NautilusBiotech	NAUT	...	dd	2.46	-0.01	...
19.69	14.10	Navient	NAVI	3.9	9	16.21	-0.23	.16
11.17	3.63	NavitasSemi	NVTS	...	dd	3.64	-0.68	...
30.99	16.38	Nayax	NYAX	...	dd	24.31	-1.11	...
37.48	21.26	nCino	NCNO	...	dd	29.41	-2.76	...
29.47	12.51	NeoGames	NGMS	...	dd	29.45	+0.22	...
24.10	11.51	Neogen	NEOG	...	cc	11.61	-0.77	...
17.30	6.38	NerdWallet	NRDS	...	dd	13.31	-0.54	...
112.48	60.92	NetApp	NTAP	2.0	22	97.95	-3.86	.50
118.90	80.79	NetEase	NTES	2.7	15	93.51	+1.361	.0799
639.00	315.62	Netflix	NFLX	...	39	555.04	-67.79	...
17.67	10.40	Netgear	NTGR	...	dd	14.26	-0.42	...
31.66	18.77	NetScout	NTCT	...	dd	19.43	-0.25	...
21.00	9.35	NeumoraTherap	NMRA	...	dd	10.18	-3.38	...
148.37	89.04	Neurocrine	NBIX	...	54	132.00	-2.66	...
53.00	12.20	Neurogene	NGNE	...	dd	30.49	-9.21	...
5.07	1.03	Neuronetics	STIM	...	dd	3.80	-0.52	...
18.15	3.80	NeuroPace	NPCE	...	dd	13.98	+0.48	...
40.04	25.06	NewFortressEner	NFE	1.4	11	28.06	-0.34	.10
13.23	11.38	NewMtnFin	NMFC	10.2	10	12.55	+0.12	.04
11.67	10.38	NewProvidenceII A	NPAB	...	70	10.87	+0.08	...
10.63	6.70	NY Mortgage	NYMT	11.5	dd	6.96	-0.02	.20
26.35	5.63	NewAmstPharma	NAMS	...	...	19.93	+0.23	...
12.38	6.50	NewellBrands	NWL	4.1	dd	6.88	-0.24	.07
17.24	0.64	NewGenIvf	NIVF	...	dd	.77	-0.09	...
11.51	5.07	Newmark	NMRK	1.3	39	9.57	-0.70	.03
28.00	16.35	NewsCorp A	NWSA	.8	61	24.02	-0.34	.10
28.92	16.49	NewsCorp B	NWS	.8	62	24.78	-0.33	.10
19.36	10.07	NewtekOne	NEWT	6.7	7	10.90	-0.46	.19
187.32	132.30	NexstarMedia	NXST	4.1	17	165.25	+5.47	1.69
2.24	0.03	Next.e.GO	EGOX	...	dd	.05	+0.02	...
2.57	0.98	NextCure	NXTC	...	dd	1.60	-0.32	...
62.14	29.28	Nextracker	NXT	...	26	44.00	-3.20	...
7.77	3.16	NexxenIntl	NEXN	...	dd	5.60	-0.01	...
7.45	4.37	NicholasFin	NICK	...	dd	6.63	-0.31	...
3.71	0.52	Nikola	NKLA	...	dd	.64	-0.06	...
5.51	2.16	9F	JFU	...	..	2.73	-0.31	...
12.51	4.85	908Devices	MASS	...	dd	5.58	-0.49	...
10.53	10.08	99Acqn	NNAG	...	cc	10.36	+0.01	...
0.25	0.12	99AcqnRt	NNAGR	...	...	.22	+0.01	...
4.82	1.57	NiuTech	NIU	...	dd	1.92	-0.28	...
16.24	1.28	Nkarta	NKTX	...	dd	7.29	-1.45	...
12.88	0.78	NKGenBiotech	NKGN	...	dd	1.11	-0.09	...
15.91	8.13	nLIGHT	LASR	...	dd	10.87	-0.80	...
11.42	0.12	noco-noco	NCNC	...	4	.24	-0.01	...
5.00	1.11	Noodles	NDLS	...	dd	1.19	-0.32	...
278.00	208.91	Nordson	NDSN	1.0	30	259.59	-5.06	.68
59.00	34.20	NortheastBank	NBN	.1	7	52.83	+1.10	.01
15.96	10.08	NorthernTechsIntl	NTIC	1.8	33	15.65	+1.80	.07
89.25	62.44	NorthernTrust	NTRS	3.7	18	81.45	-2.38	.75
13.48	7.99	NorthfieldBanc	NFBK	6.1	10	8.51	+0.14	.13
59.90	33.29	NorthrimBanCorp	NRIM	5.2	10	46.39	+1.09	.61
12.42	10.34	NorthViewAcqn	NVAC	...	82	11.32	+0.05	...
0.19	0.03	NorthViewRt	NVACR	...	...	.16	...	...
13.07	9.80	NorthwestBcshs	NWBI	7.2	11	11.13	+0.31	.20
35.32	25.58	NorthwestPipe	NWPX	...	15	31.85	-1.03	...
60.56	45.97	NorthWesternEner	NWE	5.2	16	50.13	+1.23	.65
34.50	23.50	NorwoodFin	NWFL	4.9	12	24.29	+0.54	.30
190.51	87.85	Nova	NVMI	...	37	159.92	-10.56	...
187.61	111.20	Novanta	NOVT	...	74	149.41	-13.59	...
11.36	3.53	Novavax	NVAX	...	dd	3.97	-0.31	...
83.60	10.87	Novocure	NVCR	...	dd	12.09	-1.48	...
3.59	1.40	Novonix	NVX	...	dd	2.30	-0.54	...
10.99	0.76	Nukkleus	NUKK	...	dd	.89	+0.04	...
18.12	4.22	NurixTherap	NRIX	...	dd	13.59	-3.15	...
66.99	23.35	Nutanix	NTNX	...	dd	58.75	-4.47	...
89.39	32.06	Nuvalent	NUVL	...	dd	62.76	-2.75	...
25.51	24.99	NuvPfd&Incm	NPFI	4.0	...	25.00	-0.25	.0843
42.50	13.32	Nuvei	NVEI	1.2	dd	32.07	-0.18	.10
974.00	262.25	NVIDIA	NVDA	.0	64	762.00	-119.86	.04
20.00	4.00	Nyxoah	NYXH	...	dd	10.75	+1.74	...
O								
56.00	24.12	OddityTech	ODD	...	cc	33.48	-1.16	...
58.98	39.36	ODP	ODP	...	15	50.28	-0.15	...
111.35	60.26	ON Semi	ON	...	12	60.71	-5.93	...
11.49	7.50	OP Bancorp	OPBK	5.2	6	9.16	+0.09	.12
2.24	0.85	OPKO Health	OPK	...	dd	1.23	...	...
1169.11	860.10	OReillyAuto	ORLY	...	28	1090.94	+14.45	...
144.11	99.11	OSI Systems	OSIS	...	21	135.54	-3.47	...
21.64	17.99	OaktreeSpec	OCSL	11.1	13	19.74	+0.47	.55
2.46	0.44	Oatly	OTLY	...	dd	.95	-0.06	...
19.58	12.01	OceanFirstFin	OCFC	5.3	9	15.18	+0.41	.20
11.31	2.00	OcularTherapeutix	OCUL	...	dd	5.22	-2.77	...
14.50	9.05	Oculis	OCS	...	dd	11.78	-0.18	...
8.80	1.81	OfficePropIncm	OPI	2.1	dd	1.90	-0.14	.01
25.95	21.67	OhioValleyBanc	OVBC	3.7	9	23.50	-0.64	.22
114.50	65.04	Okta	OKTA	...	dd	92.03	-6.23	...
4.26	1.27	Olaplex	OLPX	...	15	1.35	-0.09	...
227.80	147.90	OldDomFreight	ODFL	.5	38	211.82	-9.31	.26
17.64	11.66	OldNatlBncp	ONB	3.5	8	16.19	+0.38	.14
16.76	10.79	Old2ndBcp	OSBC	1.4	7	14.43	+1.01	.05
17.79	3.86	OlemaPharm	OLMA	...	dd	9.93	-0.93	...
26.01	14.10	OlinkHolding	OLK	...	dd	21.87	-0.95	...
84.38	52.93	Ollie'sBargain	OLLI	...	25	73.21	+1.69	...
73.49	40.85	OlympicSteel	ZEUS	.9	18	67.87	-0.38	.15
117.63	63.43	OmegaFlex	OFLX	2.0	33	67.00	-1.55	.33
10.09	1.30	OmegaTherap	OMGA	...	dd	2.40	-0.28	...
7.80	0.92	Omeros	OMER	...	dd	3.05	-0.71	...
6.72	3.14	OmniAb	OABI	...	dd	4.67	-0.38	...
77.14	25.69	Omnicell	OMCL	...	dd	27.83	+0.65	...
11.42	5.98	1-800-FLOWERS	FLWS	...	dd	9.00	+0.25	...
5.00	3.72	180DegreeCap	TURN	...	dd	3.98	-0.03	...
3.36	0.97	111	YI	...	dd	1.02	-0.08	...
6.30	3.45	1stdibs.com	DIBS	...	dd	5.32	+0.12	...
13.51	0.42	OneMedNet	ONMD	...	dd	.60	-0.04	...
39.15	21.78	OneWaterMarine	ONEW	...	dd	23.83	-1.77	...
12.00	10.56	OnyxAcqnIA	ONYX	...	cc	11.12	-0.05	...
11.99	4.57	OpenLending	LPRO	...	26	4.66	-0.43	...
45.47	32.04	OpenText	OTEX	2.9	75	35.05	-0.47	.25
5.41	1.25	OpendoorTech	OPEN	...	dd	2.17	-0.17	...
28.58	9.40	Opera	OPRA	5.6	19	13.95	-1.20	.40
7.73	2.05	OportunFin	OPRT	...	dd	2.29	...	...
4.42	1.60	Opthea	OPT	...	dd	3.30	-0.50	...
4.65	2.26	OpticalCable	OCC	...	dd	2.80	-0.05	...
2.10	0.89	Optinose	OPTN	...	dd	.89	-0.33	...
35.74	24.23	OptionCare	OPCH	...	21	31.08	+0.66	...
8.45	4.38	OraSureTechs	OSUR	...	7	5.28	-0.24	...
20.19	4.26	OrchestraBioMed	OBIO	...	dd	4.64	-0.25	...
2.91	0.97	OrganiGram	OGI	...	dd	1.89	-0.05	...
16.65	4.89	OricPharm	ORIC	...	dd	9.19	-0.61	...
21.60	9.57	OrthofixMed	OFIX	...	dd	13.10	-0.22	...
53.50	23.10	OrthoPediatrics	KIDS	...	dd	30.31	-0.78	...
99.49	68.96	OtterTail	OTTR	2.2	12	84.25	+1.24	.4675
5.95	3.34	Outbrain	OB	...	23	4.09	...	...
24.13	1.92	OutsetMedical	OM	...	dd	2.32	+0.27	...
4.14	2.57	OvidTherap	OVID	...	dd	3.23	+0.03	...
5.70	4.41	OxfordLane	OXLC	19.4	8	4.96	-0.10	.08
3.29	2.60	OxfordSquare	OXSQ	13.3	9	3.16	-0.04	.035
P Q								
28.77	13.64	PAM Transport	PTSI	...	23	13.96	-0.80	...
19.04	12.86	PCB Bancorp	PCB	4.7	7	15.42	+0.20	.18
70.55	37.76	PCConnection	CNXN	.5	20	62.82	-0.74	.10
152.99	59.67	PDD	PDD	...	20	113.49	-2.01	...
48.02	26.12	PDF Solutions	PDFS	...	cc	29.56	-2.52	...
31.63	15.88	PENN Entmt	PENN	...	dd	16.54	-0.16	...
2.01	0.43	PLBY Group	PLBY	...	dd	.89	...	...
9.72	1.18	PMV Pharm	PMVP	...	dd	1.61	-0.18	...
38.17	11.85	PRA Group	PRAA	...	dd	24.37	-0.02	...
54.50	24.83	ProceptBio	PRCT	...	dd	50.19	-0.52	...
194.24	120.62	PTC	PTC	...	89	176.37	-3.69	...
59.84	17.53	PTC Therap	PTCT	...	dd	25.32	-1.10	...
125.50	68.40	Paccar	PCAR	1.0	13	111.19	-6.97	.27
14.55	1.25	PacBiosciCA	PACB	...	dd	1.55	-1.62	...
30.13	17.53	PacificPremBncp	PPBI	5.9	76	22.27	+0.41	.33
48.60	25.76	PaciraBioSci	PCRX	...	34	26.25	-0.58	...
15.51	6.85	PactivEvergreen	PTVE	2.8	dd	14.52	+0.18	.10
3.25	0.40	PalladyneAI	PDYN	...	dd	1.44	-0.54	...
380.84	176.30	PaloAltoNtwks	PANW	...	43	277.71	-1.36	...
86.26	46.09	Palomar	PLMR	...	25	79.22	+4.81	...
86.38	60.24	PapaJohn's	PZZA	2.9	25	62.50	+0.72	.46
11.63	9.35	PapayaGrowthI A	PPYA	...	26	10.93	-0.21	...
27.23	13.40	ParamountA	PARAA	.9	dd	22.82	+1.06	.05
24.00	10.12	ParamountB	PARA	1.6	dd	12.44	+1.48	.05
28.79	12.07	Park-Ohio	PKOH	2.1	39	23.90	-1.37	.125
1.79	0.58	PassageBio	PASG	...	dd	1.15	-0.19	...
60.49	39.90	PathwardFinl	CASH	.4	8	50.39	+1.88	.05
16.20	12.81	PatriaInvts	PAX	7.8	17	13.75	-0.13	.399
11.97	10.58	PatriaLatAm	PLAO	...	27	11.33	+0.01	...
123.58	63.57	PatrickIndustries	PATK	2.1	16	103.40	-3.70	.55
10.06	3.54	PatriotNatBncp	PNBK	...	dd	3.60	-0.25	...
34.53	25.00	Patterson	PDCO	4.0	13	26.02	+0.56	.26
16.18	9.70	PattersonUTIEn	PTEN	2.8	11	11.51	-0.17	.08
129.70	104.09	Paychex	PAYX	3.0	26	119.52	-3.48	.89
27.51	16.56	PaycorHCM	PYCR	...	dd	16.97	-0.86	...
230.52	139.40	Paylocity	PCTY	...	53	157.22	-10.85	...
6.48	4.02	Payoneer	PAYO	...	20	4.89	+0.06	...
76.54	50.25	PayPal	PYPL	...	16	62.31	-2.28	...
31.49	21.58	PeapackGladFin	PGC	.8	9	24.13	+0.93	.05
11.07	10.32	PearlHldgsAcqnA	PRLH	...	31	10.94	...	...
69.26	37.66	Pegasystems	PEGA	.2	81	57.61	-2.78	.03
9.87	2.97	Peloton	PTON	...	dd	3.03	-0.52	...
20.89	10.31	Pennant	PNTG	...	46	20.30	+0.10	...
27.59	17.21	PennsWoodsBncp	PWOD	7.1	8	17.96	+0.11	.32
34.85	23.05	PeoplesBncpOH	PEBO	5.5	8	28.49	+0.70	.39
30.99	16.35	PeoplesBncpNC	PEBK	2.7	10	27.75	+0.05	.19
49.99	30.60	PeoplesFinSvcs	PFIS	4.3	10	38.09	+0.70	.41
17.51	3.72	PepGen	PEPG	...	dd	10.54	-2.47	...
196.88	155.83	PepsiCo	PEP	2.9	27	174.13	+6.031	.265
19.62	11.50	PerdoceoEduc	PRDO	2.5	8	17.33	+0.22	.11
16.07	6.80	PerellaWeinberg	PWP	1.8	dd	15.29	+0.07	.07
96.93	43.39	Perficient	PRFT	...	16	44.80	-4.54	...
3.61	2.00	PerformantFin	PFMT	...	dd	2.57	+0.12	...
38.78	10.91	PerionNetwork	PERI	...	5	10.98	-1.60	...
11.19	6.17	Perma-PipeIntl	PPIH	...	12	7.18	-0.43	...
2.60	0.89	Personalis	PSNL	...	dd	1.29	+0.02	...
10.76	1.55	PetcoHealth	WOOF	...	dd	1.66	-0.06	...
22.98	11.26	PetIQ	PETQ	...	cc	16.28	-0.18	...
16.18	4.01	PetMedExpress	PETS	29.2	dd	4.11	-0.05	.30
16.71	9.27	Pharming	PHAR	...	dd	10.00	-0.53	...
33.00	7.93	Pharvaris	PHVS	...	dd	19.16	-2.74	...
17.02	6.07	PhathomPharm	PHAT	...	dd	8.97	-1.17	...
45.50	32.00	Phenixfin	PFX	...	3	43.38	-0.88	...
15.98	9.40	PhibroAnimal	PAHC	3.6	36	13.30	+0.19	.12
37.92	27.85	PhillipsEdison	PECO	3.5	71	33.02	+0.09	.0975
34.16	13.86	Photronics	PLAB	...	11	25.32	-2.31	...
36.15	19.96	Pilgrim'sPride	PPC	...	26	35.77	+0.63	...
92.33	43.31	PinnacleFinPtrs	PNFP	1.1	11	79.50	-0.45	.22
1.38	0.75	PintecTech	PT	...	dd	1.08	-0.01	...
3.08	1.01	Pixelworks	PXLW	...	dd	1.68	-0.17	...
19.03	12.07	PlainsAllAmPipe	PAA	7.1	13	17.94	+0.19	.3175
19.77	12.59	PlainsGP	PAGP	6.8	18	18.76	...	.3175
9.84	6.88	PlayaHotels	PLYA	...	27	8.99	-0.27	...
5.01	1.90	Playstudios	MYPS	...	dd	2.31	-0.30	...
12.90	6.25	Playtika	PLTK	5.8	11	6.88	+0.10	.10
114.06	83.84	Plexus	PLXS	...	21	93.24	-2.35	...
30.85	12.00	PliantTherap	PLRX	...	dd	12.52	-1.63	...
4.96	1.24	PolestarAuto	PSNY	...	dd	1.35	-0.11	...
10.19	6.51	PonceFinl	PDLB	...	56	8.39	+0.29	...
15.00	10.15	PonoCapTwoA	PTWO	...	...	12.21	+0.57	...
422.73	307.77	Pool	POOL	1.2	27	361.13	-19.07	1.10
89.70	52.32	Popular	BPOP	3.0	11	83.20	+0.45	.62
23.99	11.54	Portillo's	PTLO	...	39	12.11	-0.81	...
21.20	16.27	PortmanRidge	PTMN	14.4	16	19.18	-0.11	.69
4.27	1.54	PoseidaTherap	PSTX	...	dd	2.02	-0.71	...
14.36	7.12	Potbelly	PBPB	...	62	10.44	-0.03	...
54.44	40.55	PotlatchDelt	PCH	4.4	53	41.19	-2.72	.45
197.87	38.91	PowellIndustries	POWL	.8	20	130.34	+4.39	.265
99.60	62.13	PowerIntegrations	POWI	1.3	65	62.89	-5.15	.20
5.67	1.64	PowerFleet	PWFL	...	dd	3.99	-0.20	...
11.80	10.07	PowerUpAcqn	PWUP	...	99	11.12	+0.01	...
67.21	12.45	PraxisPrecision	PRAX	...	dd	46.89	-8.27	...
1.88	0.84	Precigen	PGEN	...	dd	1.33	-0.09	...
77.65	42.42	PreferredBankLA	PFBC	3.8	7	74.30	+0.95	.70
184.82	104.96	PreformedLine	PLPC	.6	10	124.66	+0.88	.20
6.89	1.66	PreludeTherap	PRLD	...	dd	3.72	-1.90	...
24.87	13.60	PremierFinl	PFC	6.2	6	20.03	+0.51	.31
33.58	18.89	Premier	PINC	4.0	15	21.18	+0.09	.21
15.90	2.85	Prenetics	PRE	...	dd	2.90	-0.82	...
5.74	0.14	PrestoAutomation	PRST	...	dd	.17	-0.03	...
86.90	61.82	PriceSmart	PSMT	1.4	21	82.85	+3.40	.58
17.20	4.34	PrimeMedicine	PRME	...	dd	4.51	-1.22	...
13.69	7.01	PrimisFinl	FRST	3.7	26	10.81	+0.23	.10
38.20	23.49	PrincetonBncp	BPRN	4.0	7	29.80	+0.40	.30
86.79	65.17	PrincipalFinl	PFG	3.4	33	80.44	+0.62	.69
30.15	17.54	PriviaHealth	PRVA	...	98	18.08	-0.46	...
5.00	1.95	Procaps	PROC	...	5	2.71	+0.02	...
14.32	6.46	ProFrac	ACDC	...	dd	8.11	-0.34	...
62.34	49.00	ProgressSoftware	PRGS	1.4	33	50.41	-0.57	.175
44.95	29.44	Progyny	PGNY	...	53	32.70	-1.50	...
15.00	7.40	ProjectEnReimag	PEGR	...	78	9.20	-1.39	...
6.90	5.03	ProspectCapital	PSEC	13.3	dd	5.41	+0.03	.06
33.34	13.72	ProtagonistTherap	PTGX	...	dd	25.61	-1.43	...
5.24	1.04	ProtaraTherap	TARA	...	dd	2.64	-0.36	...
79.65	20.42	Prothena	PRTA	...	dd	21.16	-1.08	...
15.40	10.16	ProvidentFin	PROV	4.2	12	13.38	-0.11	.14
14.55	0.51	PsyenceBiomed	PBM	...	dd	.68	-0.13	...
24.19	10.92	PubMatic	PUBM	...	cc	21.61	-1.25	...
14.84	7.21	Pulmonx	LUNG	...	dd	7.51	-0.38	...
7.73	2.13	PumaBiotech	PBYI	...	11	5.01	-0.26	...
34.00	17.08	PureTechHealth	PRTC	...	dd	26.15	-0.90	...
3.78	0.55	PurpleInnovation	PRPL	...	dd	1.47	-0.21	...
6.85	1.35	PyxisOncology	PYXS	...	dd	4.16	-0.76	...
62.94	35.14	QCR Holdings	QCRH	.4	9	57.36	+1.28	.06
14.40	0.67	QT Imaging	QTI	...	dd	.83	-0.29	...
30.92	8.24	Q32Bio	QTTB	...	dd	22.49	-6.40	...
20.62	13.12	QifuTechnology	QFIN	5.9	5	18.02	-0.52	.57
121.65	80.62	Qorvo	QRVO	...	dd	104.88	-6.48	...
177.59	101.47	Qualcomm	QCOM	2.2	23	157.63	-13.66	.85
206.35	107.00	Qualys	QLYS	...	41	163.55	-2.60	...
28.99	1.41	QuantaSing	QSG	...	7	3.35	-0.01	...
29.70	11.39	Quanterix	QTRX	...	dd	15.83	-2.54	...
1.32	0.24	Quantum	QMCO	...	dd	.40	-0.07	...
3.90	1.12	Quantum-Si	QSI	...	dd	1.57	-0.12	...
10.34	10.07	QuettaAcqn	QETA	...	...	10.21	-0.02	...
2.20	1.00	QuettaAcqnRt	QETAR	...	...	1.10	+0.05	...
5.40	0.33	Quhuo	QH	...	8	.61	+0.04	...
95.02	37.78	QuidelOrtho	QDEL	...	dd	39.12	-3.05	...
1.74	0.84	QuinceTherap	QNCX	...	dd	1.05	+0.11	...
17.76	6.79	QuinStreet	QNST	...	dd	16.80	-0.43	...
9.50	3.66	QurateRetailB	QRTEB	...	dd	3.88	-0.12	...
1.80	0.40	QurateRetailA	QRTEA	...	dd	1.00	-0.01	...
R								
27.35	6.86	RaptTherap	RAPT	...	dd	7.95	-1.24	...
20.22	8.62	RBB Bancorp	RBB	3.6	8	17.83	+0.74	.16
79.46	49.37	RCI Hospitality	RICK	.5	18	51.64	+0.82	.06
32.15	11.14	RCM Tech	RCMT	...	10	19.08	-0.39	...
28.80	11.83	REGENXBIO	RGNX	...	dd	15.69	-2.40	...
11.70	10.31	RF Acqn A	RFAC	...	cc	10.90	+0.04	...
0.21	0.01	RF Acqn Rt	RFACR	...	...	.18	+0.05	...
5.08	2.51	RF Industries	RFIL	...	dd	3.01	-0.03	...
22.53	15.36	RGC Resources	RGCO	4.2	15	19.23	-0.71	.20
18.70	8.87	R1 RCM	RCM	...	cc	11.99	-0.48	...
3.10	1.05	RackspaceTech	RXT	...	dd	1.60	-0.07	...
36.64	16.90	RadiusRecycling	RDUS	4.1	dd	18.41	+1.15	.1875
49.94	25.11	RadNet	RDNT	...	cc	46.52	-1.98	...
21.27	13.53	Radware	RDWR	...	dd	16.24	-0.39	...
9.14	1.23	Rallybio	RLYB	...	dd	1.76	-0.44	...
22.70	5.94	RamacoRscsA	METC	3.5	9	15.59	-0.12	.125
19.80	8.50	RamacoRscsB	METCB	8.5	7	11.43	+0.02	.2416
76.38	43.58	Rambus	RMBS	...	18	54.68	-5.46	...
8.75	1.82	RaniTherap	RANI	...	dd	7.07	+1.67	...
1.19	0.74	RapidMicro	RPID

DATA

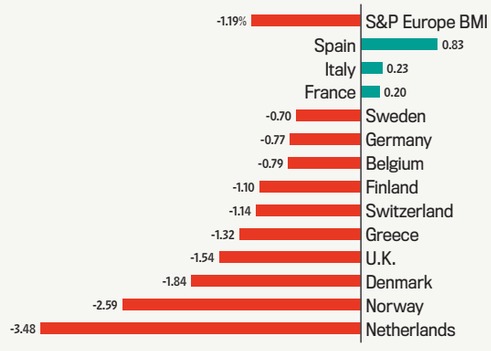
NASDAQ ISSUES

52-Week High	Low	Name	Tick Sym	Yld	P/E	Last	Chg.	Div Amt.
115.48	84.29	Starbucks	SBUX	2.6	23	87.61	+2.69	.57
7.98	2.61	StealthGas	GASS	...	4	5.89	–0.02	...
151.34	90.55	SteelDynamics	STLD	1.3	9	136.90	–3.73	.46
38.25	19.83	StepStone	STEP	2.4	40	35.34	–0.72	.21
57.06	37.78	Stericycle	SRCL	...	dd	49.91	+0.65	...
16.68	10.00	SterlingCheck	STER	...	...	14.98	–0.51	...
116.36	35.56	SterlingInfr	STRL	...	22	96.56	–8.33	...
45.63	29.92	StevenMadden	SHOO	2.1	17	39.12	+0.03	.21
5.20	2.12	StitchFix	SFIX	...	dd	2.14	–0.17	...
53.15	36.93	StockYardsBncp	SYBT	2.6	12	45.29	+1.35	.30
16.40	3.35	StokeTherap	STOK	...	dd	12.05	–0.72	...
19.46	9.34	StoneCo	STNE	...	16	15.30	–0.82	...
74.01	49.62	StoneX	SNEX	...	9	66.83	+0.04	...
21.72	9.43	Stratasys	SSYS	...	dd	10.03	–0.06	...
111.95	64.53	StrategicEd	STRA	2.4	34	98.11	–0.34	.60
30.34	16.06	Strattec	STRT	...	cc	22.45	–2.25	...
29.99	18.55	StratusProp	STRS	...	dd	22.94	+0.66	...
11.70	1.65	StrongholdDig	SDIG	...	dd	2.69	–0.46	...
75.02	21.79	StructureTherap	GPCR	...	dd	36.36	–2.96	...
31.49	17.06	SummitFin	SMMF	3.2	7	27.20	+2.08	.22
18.67	9.55	SummitStateBk	SSBI	4.9	6	9.83	+0.03	.12
5.22	1.30	SummitTherap	SMMT	...	dd	3.50	–0.17	...
23.80	11.96	SunCountryAir	SNCY	...	12	14.87	+0.61	...
8.56	2.79	SunOpta	STKL	...	dd	5.96	–0.08	...
14.49	2.17	SunPower	SPWR	...	dd	2.21	–0.27	...
23.85	8.43	SunRun	RUN	...	dd	10.25	–1.39	...
1229.00	93.19	SuperMicroComp	SMCI	...	56	713.65	–184.84	...
17.70	7.23	SuperiorGroup	SGC	3.4	31	16.58	+0.74	.14
39.09	21.99	SupernusPharm	SUPN	...	...	29.40	–0.84	...
45.79	22.05	SurgeryPartners	SGRY	...	dd	23.83	–2.50	...
39.41	16.79	Surmodics	SRDX	...	68	26.49	–0.51	...
6.13	2.01	SutroBioph	STRO	...	dd	3.63	–0.51	...
64.14	22.40	Symbotic	SYM	...	dd	39.73	–2.78	...
121.37	67.73	Synaptics	SYNA	...	dd	81.04	–9.96	...
25.34	11.22	SyndaxPharm	SNDX	...	dd	20.80	–0.92	...
629.38	360.37	Synopsys	SNPS	...	56	510.71	–46.45	...
2.30	1.52	SyprisSolutions	SYPR	...	dd	1.57	–0.12	...
8.17	2.09	SyrosPharm	SYRS	...	dd	4.54	–0.85	...
T								
11.26	4.23	TelaBio	TELA	...	dd	4.75	–0.17	...
15.25	10.97	TFS Finl	TFSL	9.3	47	12.11	+0.12	.2825
11.35	10.42	TLGY Acqn A	TLGY	...	31	11.33	–0.01	...
3.20	0.65	TMCthemetals	TMC	...	dd	1.61	–0.20	...
10.88	10.10	TMT Acqn	TMTC	...	56	10.84	...	...
1.88	0.14	TMT Acqn Rt	TMTCR	...	...	.23	+0.01	...
168.64	124.92	T-MobileUS	TMUS	1.6	23	162.33	+2.28	.65
47.20	24.74	TPG	TPG	3.2	dd	42.48	–0.83	.44
13.24	1.63	TPIComposites	TPIC	...	dd	2.68	+0.07	...
132.76	87.43	T.RowePrice	TROW	4.6	14	108.73	–6.46	1.24
36.70	7.80	TTEC	TTEC	7.0	47	8.34	+0.12	.06
16.54	11.13	TTM Tech	TTMI	...	dd	14.05	–0.29	...
5.00	2.16	Taboola	TBLA	...	dd	3.95	–0.06	...
26.11	9.70	TactileSystems	TCMD	...	12	14.40	–0.38	...
171.59	119.57	TakeTwoSoftware	TTWO	...	dd	140.60	–6.67	...
1.61	0.43	Talphera	TLPH	...	dd	.99	–0.13	...
40.74	13.82	TandemDiabetes	TNDM	...	dd	30.43	–3.07	...
13.03	2.47	TangoTherap	TNGX	...	dd	7.31	–0.05	...
12.19	10.45	TargetGlbl I A	TGAA	...	77	11.23	+0.02	...
40.40	12.57	TarsusPharm	TARS	...	dd	32.44	–3.73	...
14.67	7.95	TaskUs	TASK	...	24	11.44	+0.07	...
13.75	5.35	TatTechnologies	TATT	...	22	11.11	–0.86	...
3.89	0.50	TayshaGene	TSHA	...	dd	2.27	–0.67	...
12.25	10.59	Tech&TelecomA	TETE	...	dd	11.82	+0.04	...
41.93	23.43	TechTarget	TTGT	...	cc	27.17	–0.72	...
6.36	4.33	Ericsson	ERIC	3.2	dd	5.10	+0.21	.1275
22.75	6.90	Telesat	TSAT	...	1	7.65	–0.31	...
3.01	0.30	TelesisBio	TBIO	...	dd	.31	–0.10	...
5.00	1.53	Telos	TLS	...	dd	3.32	–0.28	...
63.57	26.75	10xGenomics	TXG	...	dd	27.94	–6.61	...
53.50	33.85	Tenable	TENB	...	dd	44.83	–3.68	...
8.09	1.66	TenayaTherap	TNYA	...	dd	4.32	–0.14	...
12.03	10.39	TenXKeaneAcqn	TENK	...	41	11.11	+0.01	...
8.83	0.13	TenXKeaneAcqnRt	TENKR	...	...	.19	–0.03	...
119.20	81.08	Teradyne	TER	.5	35	95.97	–9.90	.12
13.55	3.26	TernsPharm	TERN	...	dd	4.56	–0.58	...
18.42	6.85	TerritorialBncp	TBNK	2.8	13	7.20	+0.02	.05
299.29	146.22	Tesla	TSLA	...	34	147.05	–24.00	...
194.99	132.29	TetraTech	TTEK	.6	43	184.67	–7.33	.26
21.09	1.75	TevogenBio	TVGN	...	27	1.85	–0.60	...
66.18	42.79	TexasCapBcshs	TCBI	...	18	58.68	+2.16	...
188.12	139.48	TexasInstruments	TXN	3.3	23	159.68	–6.65	1.30
157.12	91.06	TexasRoadhouse	TXRH	1.6	33	150.73	+2.10	.61
47.11	25.97	TheBancorp	TBBK	...	10	33.94	+2.46	...
4.72	1.86	TherapeuticsMD	TXMD	...	dd	1.86	–0.13	...
11.98	8.21	TheravanceBio	TBPH	...	dd	9.34	–0.27	...
21.50	12.31	ThirdCoastBcshs	TCBX	...	11	19.14	+0.64	...
12.42	4.06	ThirdHarmonic	THRD	...	dd	11.68	+0.16	...
1.10	0.31	36Kr	KRKR	...	dd	.37	...	...
8.41	2.19	Thoughtworks	TWKS	...	dd	2.32	–0.07	...
4.39	1.52	ThredUp	TDUP	...	dd	1.56	–0.11	...
10.99	10.07	ThunderBridgeIV A	THCP	...	72	10.51	+0.10	...
3.40	1.50	TilrayBrands	TLRY	...	dd	1.73	–0.09	...
32.20	22.11	TimberlandBncp	TSBK	3.9	8	24.81	–0.09	.24
35.88	21.44	TitanMachinery	TITN	...	5	23.24	–0.15	...
37.11	22.31	Torm	TRMD	17.7	4	32.73	–2.60	1.36
45.87	21.43	TowerSemi	TSEM	...	7	30.99	–0.59	...
31.08	21.22	TowneBank	TOWN	3.7	13	27.00	+0.60	.25
268.02	185.00	TractorSupply	TSCO	1.7	25	252.79	+7.90	1.10
94.00	59.36	TradeDesk	TTD	...	cc	77.30	–9.07	...
108.04	64.83	Tradeweb	TW	.4	59	101.05	–1.08	.10
0.44	0.06	TrailblazerI Rt	TBMCR	...	...	.13	...	...
10.81	10.08	TrailblazerI A	TBMC	...	72	10.72	–0.01	...
9.44	4.53	TransActTechs	TACT	...	10	4.65	–0.16	...
115.41	74.89	Transcat	TRNS	...	83	108.04	–2.25	...
99.63	36.42	TransMedics	TMDX	...	dd	84.16	–7.66	...
11.23	4.77	Travelzoo	TZOO	...	11	8.91	–0.25	...
22.75	5.25	TravereTherap	TVTX	...	dd	5.72	–0.65	...
27.70	5.27	TreaceMed	TMCI	...	dd	10.97	–0.91	...
4.00	0.97	TreviTherap	TRVI	...	dd	2.84	–0.09	...
45.84	28.66	TriCoBancshares	TCBK	3.9	10	33.58	+0.96	.33
29.07	22.59	TriMas	TRS	.6	27	26.06	+0.71	.04
65.55	39.57	Trimble	TRMB	...	46	57.97	–2.57	...
5.60	1.79	TrinityBiotech	TRIB	...	dd	1.81	–0.05	...
15.44	11.32	TrinityCapital	TRIN	13.8	8	14.36	–0.10	.51
50.64	30.70	Trip.com	TCOM	...	23	48.00	–0.85	...
28.76	14.15	Tripadvisor	TRIP	...	cc	25.04	–1.70	...
16.24	3.32	TriSalusLifeSci	TLSI	...	dd	9.49	+0.06	...
304.00	3.20	TritiumDCFC	DCFC	...	...	3.64	–0.55	...
82.22	46.67	TriumphFinl	TFIN	...	52	68.85	–6.79	...
7.75	2.26	trivago	TRVG	.0	dd	2.57	–0.21	.5628
28.76	7.55	TruBridge	TBRG	...	dd	8.27	–0.52	...
4.05	1.76	TrueCar	TRUE	...	dd	2.91	–0.02	...
19.91	1.11	TruGolf	TRUG	...	dd	1.73	–0.02	...
79.38	12.40	TrumpMedia&Tech	DJT	...	dd	36.38	+3.79	...
37.71	18.45	Trupanion	TRUP	...	dd	22.45	–0.93	...
32.10	23.78	TrustcoBank	TRST	5.3	9	26.93	+0.68	.36
28.65	18.96	Trustmark	TRMK	3.4	10	26.73	+0.53	.23
9.00	1.62	TSCanTherap	TCRX	...	dd	6.82	–0.93	...
2.06	0.59	Tuniu	TOUR	...	dd	.80	+0.02	...
13.20	1.63	TurnstoneBiologics	TSBX	...	dd	2.62	–0.57	...
18.45	7.97	TurtleBeach	HEAR	...	dd	14.44	–1.88	...
2.21	0.35	23andMe	ME	...	dd	.48	+0.04	...
18.00	8.61	TwinDisc	TWIN	1.0	21	16.76	+0.24	.04
43.21	11.46	TwistBiosci	TWST	...	dd	27.95	–2.73	...
12.69	1.54	2seventybio	TSVT	...	dd	4.52	–0.52	...
6.10	0.24	2U	TWOU	...	dd	.25	–0.10	...
20.67	10.38	TyraBiosciences	TYRA	...	dd	14.98	+0.09	...
U								
128.65	76.01	UFP Inds	UFPI	1.2	14	111.79	–3.88	.33
87.36	50.68	UMB Fin	UMBF	1.9	11	81.44	+1.37	.39
5.80	2.31	UPFintech	TIGR	...	16	3.15	–0.14	...
12.97	8.56	USCB Financial	USCB	1.9	13	10.65	+0.15	.05
308.00	151.53	US Lime&Min	USLM	.3	23	296.76	+4.05	.25
4.78	1.17	uCloudlink	UCL	...	17	1.32	–0.23	...
16.01	8.17	Udemy	UDMY	...	dd	9.92	–0.09	...
574.76	368.02	UltaBeauty	ULTA	...	16	413.50	–28.82	...
49.25	22.15	UltraClean	UCTT	...	dd	38.99	–4.80	...
54.98	31.52	UltragenyxPharm	RARE	...	dd	42.37	–4.63	...
11.85	3.92	Ultralife	ULBI	...	20	8.67	–0.29	...
32.00	20.07	UnionBankshares	UNB	5.2	11	27.60	+0.15	.36
22.48	4.61	uniQure	QURE	...	dd	4.67	–0.11	...
58.23	33.68	UnitedAirlines	UAL	...	6	51.38	+9.58	...
38.74	25.35	UnitedBkshrsWV	UBSI	4.3	13	34.17	+1.05	.37
30.75	20.37	UtdCmtyBks	UCBI	3.6	16	25.25	+0.47	.23
27.72	18.41	UnitedFire	UFCS	2.8	dd	22.80	+1.03	.16
10.25	5.79	UnitedGuardian	UG	6.2	14	8.01	+0.36	.25
8.74	5.50	UnitedSecBcshrs	UBFO	6.5	7	7.35	–0.01	.12
261.54	204.44	UnitedTherap	UTHR	...	12	237.93	+5.34	...
6.71	2.94	Uniti	UNIT	11.3	dd	5.31	–0.30	.15
30.70	20.01	UnityBancorp	UNTY	1.9	7	26.91	+0.63	.13
3.82	1.50	UnityBiotech	UBX	...	dd	1.50	–0.02	...
194.84	125.98	UnivDisplay	OLED	1.1	35	149.81	–9.78	.40
11.84	7.02	UnvlElectronics	UEIC	...	dd	10.08	+0.11	...
38.50	20.85	UnivLogistics	ULH	1.3	9	33.50	+0.40	.105
27.52	8.55	UnvlStainless	USAP	...	50	26.13	+1.50	...
22.49	16.10	UnivestFin	UVSP	4.3	8	19.44	+0.72	.21
36.17	23.00	Upbound	UPBD	4.8	dd	30.87	–0.59	.37
5.28	2.09	UplandSoftware	UPLD	...	dd	2.16	–0.36	...
72.58	11.93	Upstart	UPST	...	dd	21.87	–1.95	...
16.36	6.56	Upwork	UPWK	...	cc	11.13	–0.50	...
47.29	25.52	UrbanOutfitters	URBN	...	12	36.98	–1.79	...
24.13	8.69	UroGenPharma	URGN	...	dd	13.73	–1.37	...
2.36	1.30	Usio	USIO	...	dd	1.50	–0.08	...
100.59	66.90	UtahMedProducts	UTMD	1.7	15	68.58	–0.08	.30
4.15	2.40	UTStarcom	UTSI	...	dd	2.59	–0.11	...
18.90	1.59	Uxin	UXIN	...	dd	1.66	–0.21	...
V								
3.88	1.39	VNET	VNET	...	dd	1.49	–0.12	...
14.60	6.84	VOXX Intl	VOXX	...	dd	6.89	–1.02	...
83.00	41.17	VSE	VSEC	.5	27	75.68	–2.44	.10
17.80	5.72	Vacasa	VCSA	...	dd	5.97	–0.12	...
11.22	6.39	ValleyNatlBncp	VLY	5.7	8	7.71	+0.33	.11
17.05	6.58	Valneva	VALN	...	dd	7.58	–0.93	...
11.85	10.56	Valuencel A	VMCA	...	45	11.42	...	...
7.00	3.30	VandaPharm	VNDA	...	cc	5.11	+0.99	...
23.90	16.62	VarexImaging	VREX	...	19	16.99	–0.26	...
52.88	22.34	VaronisSystems	VRNS	...	dd	43.34	–1.18	...
14.00	1.63	VastRenewables	VSTE	...	cc	3.41	–2.00	...
4.55	3.10	VastaPlatform	VSTA	...	dd	3.74	–0.07	...
82.04	41.57	Vaxcyte	PCVX	...	dd	60.83	–1.05	...
3.10	0.39	Vaxxinity	VAXX	...	dd	.48	–0.01	...
37.75	17.70	VeecoInstr	VECO	.5	27	32.58	–3.43	...
40.58	1.87	VentyxBiosciences	VTYX	...	dd	4.47	–0.13	...
8.35	4.60	VeraBradley	VRA	...	26	6.44	+0.09	...
50.78	6.07	VeraTherap	VERA	...	dd	38.00	–9.97	...
30.52	18.61	Veracyte	VCYT	...	dd	19.45	–0.78	...
53.05	29.24	Vericel	VCEL	...	dd	43.74	–4.16	...
40.28	18.41	VerintSystems	VRNT	...	cc	29.14	–1.12	...
229.72	181.57	VeriSign	VRSN	...	23	184.12	–1.31	...
251.98	187.86	VeriskAnalytics	VRSK	.7	53	222.52	–0.01	.39
24.46	14.88	Veritex	VBTX	4.0	10	20.02	+0.50	.20
7.76	1.48	Veritone	VERI	...	dd	3.66	–1.20	...
23.81	11.83	VeronaPharma	VRNA	...	dd	15.72	–0.19	...
7.76	2.86	VerricaPharm	VRCA	...	dd	6.98	+0.11	...
12.19	6.37	VersaBank	VBNK	.8	8	9.62	–0.41	.0187
35.38	17.59	Vertex	VERX	...	dd	28.61	–2.73	...
448.40	316.43	VertexPharm	VRTX	...	dd	394.28	–2.27	...
21.42	6.42	VerveTherap	VERV	...	dd	6.64	–0.96	...
13.31	5.22	ViaRenewables	VIA	...	12	10.88	–0.01	...
11.63	3.75	ViantTech	DSP	...	dd	8.50	–0.66	...
47.35	15.02	ViaSat	VSAT	...	dd	15.83	–0.46	...
13.62	8.74	Viatris	VTRS	4.3	cc	11.25	–0.08	.12
11.65	7.26	ViaviSolutions	VIAV	...	cc	8.07	–0.38	...
98.38	33.70	Vicor	VICR	...	28	33.87	–2.71	...
47.85	27.73	VictoryCapital	VCTR	2.7	15	47.47	+4.52	.335
11.11	2.53	VigilNeurosci	VIGL	...	dd	2.82	–0.40	...
99.41	8.28	VikingTherap	VKTX	...	dd	63.42	–5.20	...
29.38	20.25	VillageSuper A	VLGEA	3.6	8	27.55	–0.32	.25
5.77	3.02	Vimeo	VMEO	...	27	3.53	–0.08	...
11.85	7.70	VinciPartners	VINP	7.1	16	10.25	–0.55	.20
93.00	2.44	VinFastAuto	VFS	...	dd	2.52	–1.08	...
1.09	0.50	ViomiTech	VIOT	...	...	.54	–0.01	...
27.48	7.72	ViriBiotech	VIR	...	dd	7.95	–1.02	...
2.38	0.43	ViractaTherap	VIRX	...	dd	.86	–0.29	...
13.08	3.54	VircoMfg	VIRC	.8	8	10.26	–1.64	.02
21.58	16.02	VirtuFinancial	VIRT	4.6	15	21.06	+0.44	.24
11.85	10.46	VisionSensingA	VSAC	...	dd	11.42	+0.25	...
159.87	105.76	Visteon	VC	...	6	108.16	–0.71	...
33.29	19.41	VitaCoco	COCO	...	30	23.38	–1.64	...
25.79	10.00	VitalFarms	VITL	...	43	25.24	+0.17	...
18.05	9.80	Vitru	VTRU	...	21	12.56	–1.34	...
9.89	5.11	VividSeats	SEAT	...	49	5.89	+0.20	...
12.07	8.02	Vodafone	VOD	11.4	2	8.34	+0.04	.4815
5.70	1.62	VorBiopharma	VOR	...	dd	1.71	–0.19	...
14.34	6.06	VoyagerTherap	VYGR	...	2	7.50	–0.93	...
225.60	8.11	Vroom	VRM	...	dd	11.36	–0.48	...
W X Y Z								
7.67	3.15	WaveLifeSci	WVE	...	dd	4.87	–0.93	...
278.78	181.38	WD-40	WDFC	1.5	46	229.85	–6.44	.88
47.97	29.59	WSFS Financial	WSFS	1.4	10	43.27	+0.52	.15
13.31	1.56	WW Intl	WW	...	dd	1.71	–0.09	...
34.07	23.36	WaFd	WAFD	3.7	8	27.90	+1.05	.26
2.70	1.59	Wag!	PET	...	dd	2.11	+0.02	...
35.55	17.51	WalgreensBoots	WBA	5.5	dd	18.24	+0.39	.25
11.00	7.60	WalkMe	WKME	...	dd	7.86	–0.07	...
14.76	8.02	WarnerBrosA	WBD	...	dd	8.40	+0.06	...
38.05	23.62	WarnerMusic	WMG	2.1	37	32.97	–0.47	.17
33.96	21.69	WashTrBcp	WASH	8.8	9	25.55	+0.63	.56
15.56	9.62	WaterstoneFinl	WSBF	5.2	25	11.59	+0.27	.15
127.45	55.81	WeatherfordIntl	WFRD	...	20	112.79	–4.88	...
18.10	7.58	Weibo	WB	.0	6	7.90	+0.27	.80
11.68	10.40	WelsbachTech	WTMA	...	cc	10.96	+0.05	...
0.24	0.04	WelsbachTechRt	WTMAR	...	...	.10	–0.07	...
23.90	17.64	Wendy's	WEN	5.2	20	19.25	+0.65	.25
8.19	1.57	WerewolfTherap	HOWL	...	dd	5.90	+1.21	...
47.27	34.67	WernerEnterprises	WERN	1.6	20	35.86	–0.66	.14
32.20	19.84	WesBanco	WSBC	5.1	11	28.34	+0.84	.36
22.39	15.04	WestBancorp	WTBA	5.9	12	16.91	+0.82	.25
57.96	35.52	WestamericaBncp	WABC	3.8	8	46.78	+0.16	.44
76.92	31.97	WesternDigital	WDC	...	dd	66.05	–6.01	...
9.25	5.58	WestNewEngBncp	WNEB	4.3	9	6.57	+0.16	.07
12.00	4.90	WestportFuelSys	WPRT	...	dd	5.74	–0.12	...
12.74	6.88	WestrockCoffee	WEST	...	dd	10.23	+0.24	...
33.70	24.47	WeycoGroup	WEYS	3.4	9	29.14	+0.05	.25
30.46	13.86	Willdan	WLDN	...	34	26.85	–0.37	...
52.64	37.01	WillisLease	WLFC	...	8	49.89	+0.93	...
278.86	195.29	WillisTowers	WTW	1.3	26	264.52	+4.21	.88
1.87	0.56	WiMiHologram	WIMI	...	dd	.68	–0.05	...
379.00	150.08	Wingstop	WING	.3	cc	347.37	–17.78	.22
451.30	308.92	Winmark	WINA	.9	35	383.69	+40.09	.90
105.29	58.12	WintrustFinl	WTFC	1.8	10	97.31	+0.31	.45
8.00	1.35	WISeKey	WKEY	...	dd	2.04	–0.21	...
146.21	73.39	Wix.com	WIX	...	cc	121.41	–5.73	...
160.79	91.42	Woodward	WWD	.7	31	147.49	+0.96	.25
311.28	174.25	Workday	WDAY	...	49	252.22	–11.47	...
160.07	84.67	WorldAcceptance	WRLD	...	12	133.37	–1.39	...
117.86	81.65	WynnResorts	WYNN	1.1	15	94.99	–6.19	.25
47.40	1.27	XBPEurope	XBP	...	dd	1.48	–0.13	...
10.39	1.39	XIAO-I	AIXI	...	...	1.42	–0.26	...
27.00	13.48	XOMA	XOMA	...	dd	25.48	–0.37	...
27.71	12.78	XP	XP	12.5	15	21.02	–2.34	.73
9.96	3.05	XBiotech	XBIT	...	dd	8.04	–1.21	...
71.32	46.79	XcelEnergy	XEL	4.0	17	54.72	+1.55	.5475
28.96	16.49	Xencor	XNCR	...	dd	18.38	–2.10	...
50.99	27.99	XenonPharm	XENE	...	dd	39.88	–1.42	...
3.26	1.46	XerisBiopharma	XERS	...	dd	1.74	–0.17	...
19.78	12.06	Xerox	XRX	6.1	dd	16.44	–0.41	.25
3.40	0.49	XilioTherap	XLO	...	dd	1.15	–0.03	...
38.74	12.45	Xometry	XMTR	...	dd	16.07	–1.29	...
28.41	24.96	XtrkRreefGlbNat	NRES	.9	...	27.46	–0.24	.0617
2.09	1.28	Xunlei	XNET	...	7	1.48	–0.02	...
20.90	4.60	Y-mAbsTherap	YMAB	...	dd	15.13	+0.76	...
45.61	33.32	YorkWater	YORW	2.4	21	35.07	+1.03	.2108
0.30	0.04	YottaAcqnRt	YOTAR	...	...	.12	–0.02	...
39.50	13.48	ZaiLab	ZLAB	...	dd	14.07	–0.24	...
18.50	1.74	ZapataComputing	ZPTA	...	dd	1.74	–0.69	...
10.47	0.13	ZappEV	ZAPP	...	...	.15	–0.11	...
320.55	194.59	ZebraTech	ZBRA	...	47	268.07	–21.61	...
31.46	9.56	ZentalisPharm	ZNTL	...	dd	12.96	–0.45	...
1.36	0.41	ZeroFox	ZFOX	...	dd	1.14	+0.01	...
7.28	3.89	ZevraTherap	ZVRA	...	dd	4.52	–0.28	...
75.58	50.15	ZiffDavis	ZD	...	64	51.60	–2.18	...
59.23	33.23	Zillow A	ZG	...	dd	41.04	–2.67	...
61.13	33.80	Zillow C	Z	...	dd	41.82	–2.60	...
20.91	6.52	ZimVie	ZIMV	...	dd	15.43	–0.47	...
46.15	18.26	ZionsBancorp	ZION	4.1	9	39.92	–0.75	.41
75.91	58.87	ZoomVideo	ZM	...	29	59.45	–2.18	...
14.75	0.30	Zoomcar	ZCAR	...	0	.31	–0.08	...
30.16	12.36	ZoomInfoTech	ZI	...	58	15.53	–0.30	...
259.61	84.93	Zscaler	ZS	...	dd	169.21	–12.20	...
21.49	12.90	Zumiez	ZUMZ	...	dd	15.17	+0.53	...
13.14	6.02	Zymeworks	ZYME	...	dd	8.85	–0.40	...
14.75	6.88	Zynex	ZYXI	...	43	11.38	–0.53	...

FOREIGN MARKETS

Europe

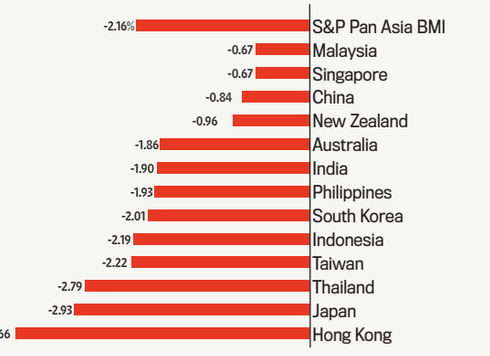
Fueling Doubt: U.K. retail sales flattened in March. Israel returned Iran's fire and caused Brent crude oil prices to pop.



Indexes based on S&P Global Broad Market Indices

Asia

Uneasy East: A wary outlook at chip maker TSMC weighed on Taipei stocks. Warming oil prices cooled Asian stocks.



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	860.01	–2.65	+73.19	+9.30
Athens General	1392.62	–0.57	+99.48	+7.69
Bangkok SET	1332.08	–4.60	–83.77	–5.92
Bombay Sensex	73088	–1.56	+848.07	+1.17
Brussels Bel-20	3827.75	–0.58	+119.98	+3.24
Buenos Aires Merval	1189209	–4.44	+259505	+27.91
Copenhagen OMX 20	2607.91	–1.46	+324.38	+14.21

DATA

EXCHANGE-TRADED PORTFOLIOS

BARRONS.COM/DATA

Bats

Name	Tick Sym	Yld	Last	Chg.	Div Amt.
AlpsOfshEurQual	OEUR	4.2	28.64	-0.06	.1207
AlpsOfshGlbInt	OGIG	...	35.93	-1.94	...
AlpsOfshUSQual	OUSA	1.3	46.86	-0.51	.0598
AlpsOfshUSSCQual	OUSM	1.6	39.94	-0.38	.0522
ARK AutoTech	ARKQ	...	49.86	-2.64	...
ARKGenomicRev	ARKG	...	23.32	-2.58	...
ARK Israel Innov	IZRL	...	18.31	-0.07	...
ArkSpaceExpln	ARKX	...	14.09	-0.31	...
ARK21ShActBTC	ARKY	1.3	38.20	-1.45	.1202
ARK21ShActBitcoin	ARKA	1.6	27.62	-1.20	.3221
ARK21ShActEther	ARKZ	1.2	37.15	-1.25	.164
ARK21ShActOn	ARKO	...	40.03	-1.40	...
ARK21ShrsBitcoin	ARKB	...	64.42	-2.47	...
ARK21ShBlockchn	ARKD	...	40.49	-2.93	...
AXSEsotericaNx	WUGI	...	96.18	-4.96	...
AcruenceActUS	XVOL	...	19.56	-0.44	.2001
AdaptiveCore	RULE	2.0	20.92	-0.48	.4098
AffinityWorldLdr	WLDR	2.1	29.82	-0.49	.0416
AllianzIMUSEq85	ARLU	...	24.11	-0.47	...
AlphaArch1-3M	BOXX	...	106.77	+0.10	...
AlphaArchTail	QAT	...	83.03	-0.35	...
AmCentQualCv	QCON	2.5	41.24	-0.63	.0587
AmCentQualPfd	QPFF	6.1	35.72	-0.45	.1345
AmCustSatisfCore	ACSI	1.0	49.91	-0.26	.5022
AnfieldCapDiv	DALT	.0	8.90	-0.04	.0294
AnfieldDynFix	ADFI	3.1	8.35	-0.04	.0182
AnfieldUSEquity	AESR	.3	34.59	-0.53	.0264
AnfieldUnivFx	AFIF	6.3	9.03	-0.07	.0483
AptusCollncmOpp	ACIO	.7	34.73	-0.73	.0529
AptusDefRisk	DRSK	3.6	25.86	-0.46	.165
AptusDrawMgd	ADME	.8	39.98	-1.21	.0685
AptusEnhYield	JUCY	8.6	23.32	-0.07	.1647
AptusIntlEnhYield	IDLB	4.1	20.10	-0.32	.0863
AptusLCEnhYield	DUBS	2.2	27.83	-0.85	.1548
ArrowCntryRotat	DWCR	1.3	29.69	-0.35	.0613
ArrowInvDWATact	DWAT	.5	10.36	-0.37	.1253
ArrowResCapMgmt	ARCM	4.6	100.36	-0.09	.3860
BNYM GlbInfr	GBKI	5.0	27.94	+0.22	.2999
BarclaysETN+Select	ATMP	5.1	23.94	+0.22	.3097
BlkRkAdvLCInc	BALI	7.7	27.37	-0.64	.18
BlkRkBdLoan	BRLN	8.8	22.26	-0.01	.3075
BlkRkHYMuniInc	HYMU	4.4	22.14	+0.08	.0915
BlkRkShDurBd	NEAR	5.0	50.00	-0.06	.2113
BlkRkShMatMuni	MEAR	3.4	50.04	+0.05	.145
BlkRkUltShBd	ICSH	5.0	50.44	+0.05	.2271
BondUPMUSDEM1	KEMD	6.2	30.22	-0.21	.2005
BrandesIntI	BINV	.8	28.45	-0.29	.0287
BrandesUS S-MC	BSMC	.9	28.25	-0.24	.0426
BrandesUSValue	BUSA	.9	29.51	-0.04	.0703
BrendanWoodTop	BWTG	...	29.64	-1.04	...
BrookActive	BAMA	1.3	27.63	-0.75	.1228
BrookDivStock	BAMD	5.1	27.83	+0.10	.1646
BrookGrowthStk	BAMG	.5	28.33	-1.07	.0215
BrookInternBd	BAMB	3.6	25.39	-0.04	.0404
BrookOpps	BAMO	2.1	27.41	-0.49	.0125
BrookUltShortBd	BAMU	4.6	25.35	+0.02	.0721
BrookValueStk	BAMV	2.9	29.07	-0.16	.0597
BrookYield	BAMY	11.8	26.01	-0.69	.2574
CambriaEmgShr	EYLD	5.2	33.56	-0.16	.2051
CambriaFgnShare	FYLD	5.6	26.39	-0.26	.2182
CambriaGlbAsset	GAA	3.2	28.33	+0.06	.3348
CambriaGlbMom	GMOM	3.3	27.95	-0.38	.0954
CambriaGlbRIEst	BLDG	6.4	23.40	-0.33	.5572
CambriaGlbTail	FAIL	4.0	16.81	+0.12	.3715
CambriaGlbValue	GVAL	5.5	21.14	+0.13	.02
CambriaMarijuana	TOKE	2.2	27.63	-0.04	.0627
CambriaMicroSC	MYLD	2.7	25.49	-0.06	.1689
CambriaShareIdxr	SYLD	1.8	69.43	-0.76	.5155
CambriaTactYd	TYLD	2.3	25.25	...	.1427
CambriaTailRisk	TAIL	3.8	12.04	+0.02	.1015
CambriaTrinity	TRTY	3.7	24.52	-0.06	.2345
CapitalValue	VAMO	.9	28.65	-0.20	.0591
CboeValidS&P500	PUTD	...	21.58	-0.49	...
ClearFocusVal	CFCV	1.3	35.51	-0.02	.0734
ConvergenceLS	CLSE	1.0	19.83	-0.61	.2064
CornerCapFundLC	CLRG	1.6	37.27	-0.41	.6191
CultivarETF	CVAR	1.4	47.73	-0.03	.3555
DavisFinl	DFNL	...	32.06	+0.46	...
DavisSelectIntl	DINT	1.7	18.80	-0.30	.324
DavisUSEquity	DUSA	...	38.85	-0.36	...
DavisWorldwide	DWLD	1.1	31.58	-0.32	.363
DimenIntlCore2	DFIC	2.5	25.76	-0.56	.0362
DimenIntlHiProf	DIHP	2.1	25.66	-0.50	.0516
DimenIntlSC	DFIS	2.3	24.08	-0.40	.014
DimenIntlSCValue	DISV	2.5	26.49	-0.34	.0116
DisciplineFund	DSCF	2.9	27.29	-0.39	.099
DivPerformers	DPDP	2.9	17.26	-0.39	.1874
DonoghueForInn	DFNV	.8	28.51	-1.37	.2152
DonoghueForYdEnh	DFRA	4.7	30.23	-0.19	.1852
FCFIntlQual	FTAI	2.5	28.70	-0.25	.0289
FCFUSQuality	FTAC	1.2	28.05	-0.36	.1705
FPA GlobalEqu	FPAG	1.6	27.51	-0.52	.0499
FTVestUSEqF	GFEB	...	33.56	-0.44	...
FTVestBuffDef	BUFT	...	21.06	-0.16	...
FTVestBuffGrw	BUFG	...	21.77	-0.46	...
FTDJIADogs10	DOGS	9.3	20.48	+0.15	.1609
FTVestDJInt	FDND	...	19.20	-1.00	...
FTVestFdBF	BUFR	...	27.33	-0.39	...
FTVestFdDpBf	BUFD	...	23.22	-0.26	...
FTVestN100	BUFQ	...	27.30	-0.87	...
FTVestIntlJun	JUNP	...	21.22	-0.33	...
FTVestIntSep	YSEP	...	20.81	-0.24	...
FTVestIntlDec	YDEC	...	22.83	-0.22	...
FTVestIntlMar	YMAR	...	22.56	-0.13	...
FTVestLad	BUFZ	...	21.86	-0.23	...
FTVestN100Dec	QDEC	...	23.92	-0.77	...
FTVestN100Jun	QJUN	...	24.53	-0.80	...
FTVestN100Mar	QMAR	...	25.43	-0.85	...
FTVestN100Sep	QSPT	...	24.31	-0.57	...
FTVestRising	RDVI	8.4	23.35	-0.21	.1726
FTS&P500DivIn	KNG	9.7	51.73	+0.12	.3821
FTV SMID Rising	SDVD	9.3	20.67	-0.28	.1512
FTVestTech	TDVI	8.8	21.24	-0.92	.1513
FTVestUSEqD	XDEC	6.7	30.17	+0.05	.1676
FTVestUSEqM	XIMR	...	30.65	-0.14	...
FTVestUSEqS	XISE	7.2	30.47	...	.184
FTSUBuffJul	FJUL	...	43.09	-0.82	...
FTSUBuffApr	FAPR	...	36.58	+0.07	...
FTSUBuffAug	FAUG	...	41.90	-0.58	...
FTSUBuffDec	FDEC	...	40.11	-0.66	...
FTSUBuffFeb	FFEB	...	43.79	-0.82	...
FTSUBuffJan	FJAN	...	40.86	-0.63	...
FTSUBuffJun	FJUN	...	45.72	-0.82	...
FTSUBuffMar	FMAR	...	24.97	-0.62	...
FTSUBuffMay	FMAY	...	42.92	-0.20	...
FTSUBuffNov	FNOV	...	43.63	-0.65	...
FTSUBuffOct	FOCT	...	39.92	-0.35	...
FTSUBuffSep	FSEP	...	41.45	-0.64	...
FTSUDeepAprl	DAPR	...	33.41	+0.05	...
FTSUDeepAug	DAUG	...	36.45	-0.31	...
FTSUDeepDec	DDEC	...	36.59	-0.46	...
FTSUDeepFeb	DFEB	...	38.00	-0.62	...
FTSUDeepJan	DJAN	...	35.18	-0.49	...
FTSUDeepJul	DJUL	...	37.67	-0.62	...
FTSUDeepJun	DJUN	...	39.25	-0.51	...
FTSUDeepMar	DMAR	...	33.87	-0.59	...
FTSUDeepMay	DMAY	...	37.21	-0.05	...
FTSUDeepNov	DNOV	...	39.60	-0.42	...
FTSUDeepOct	DOCT	...	37.20	-0.24	...
FTSUDeepSep	DSEP	...	37.44	-0.46	...
FTSUEqAug	XAUG	...	32.11	-0.12	...
FTSUEqDec	XDEC	...	34.77	-0.32	...
FTSUEqFeb	XFEB	...	29.96	-0.31	...
FTSUEqJan	XJAN	...	31.27	-0.27	...
FTSUEqJul	XJUL	...	32.96	-0.14	...
FTSUEqJun	XJUN	...	36.05	-0.10	...
FTSUEqMar	XMAR	...	32.94	-0.39	...
FTSUEqNov	XNOV	...	32.20	-0.18	...
FTSUEqOct	XOCT	...	32.65	-0.10	...
FTSUEqSep	XSEP	...	36.74	-0.17	...
FTSUEvSEqMar	MARM	...	28.76	-0.25	...
FTSUEvSEqMay	GAPR	...	33.83	+0.06	...
FTSUEvSEqAu	GAUG	...	32.42	-0.29	...
FTSUEvSEqOct	GDEC	...	30.98	-0.32	...
FTSUEvSEqJ	GJAN	...	35.12	-0.40	...
FTSUEvSEqJl	GJUL	...	33.09	-0.47	...
FTSUEvSEqJu	GJUN	...	32.78	-0.36	...
FTSUEvSEqMr	GMAR	...	33.48	-0.54	...
FTSUEvSEqM	GMAY	...	33.93	-0.09	...
FTSUEvSEqN	GNOV	...	32.39	-0.32	...
FTSUEvSEqO	GOCT	...	33.07	-0.23	...
FTSUEvSEqS	GSEP	...	32.44	-0.32	...
FTVestUSSCAu	SAUG	...	20.91	-0.56	...
FTVestUSSCF	SFEB	...	19.42	-0.32	...
FTVestUSSCM	SMAY	...	21.88	-0.68	...
FTVestUSSCN	SNOV	...	21.04	-0.25	...
FTSUBlueChipGr	FBCG	.0	35.75	-2.27	.008
FTSUBlueChipV	FBCV	1.6	29.33	+0.07	.128
FidCnEnhEner	FRNW	1.6	13.80	-0.58	.015
FidCloud	FCLD	.1	22.86	-1.47	.005
FidDigHlth	FDHT	.0	17.90	-0.55	.008
FidDynBuffEq	FBUF	...	24.29	-0.45	...
FidEvSph	FDRV	.3	12.20	-0.76	.011
FidFdLCGrowth	FFLG	...	20.34	-1.37	...
FidFundLCValue	FFLV	...	20.34	-0.02	...
FidFdS-MC	FFSM	.5	24.33	-0.65	.032
FidelityHedgedEq	FHEQ	...	24.21	-0.51	...
FidLowVolBd	FLOR	5.5	49.92	-0.03	.233
FidNonfinLan	FMAG	.2	26.49	-1.05	.005
FidNewMill	FFLC	.6	39.71	-1.25	.062
FidPfdSecs	FPFD	5.0	21.03	-0.18	.09
FidRealEst	FPRO	3.1	19.33	-0.66	.166
FidStkInfl	FEPI	7.7	19.57	-0.67	.13
FidTargetEM	FDEM	4.4	23.97	-0.36	.119
FidTargIntl	FDEV	2.8	26.33	-0.30	.215
FidWiseBTC	FBTC	...	56.32	-2.19	...
FidelityYieldEnhEq	FYEE	...	24.06	-0.62	...
FltIndMortgSev	MBSV	...	19.29	-0.66	...
FT UnitUSFactor	FCTR	.9	29.73	-0.05	.0406
FlexShCredScUSq	LKOR	5.4	41.58	-0.66	.1858
FlexMrnUSFtrTlt	TILT	1.4	186.32	-4.96	.4296
FlexStoxxGlbESG	ESGG	1.7	154.63	-4.03	.2713
FlexStoxxGlbScSel	SCEG	1.1	57.09	-1.71	.1293
FlexShUSQualLC	QLC	1.2	55.69	-1.71	.1293
FdnsDynCore	FDCE	.2	11.13	-0.25	.024
FdnsDynGrowth	FDGR	...	11.20	-0.56	...
FdnsDynIncm	FDTB	1.7	9.55	+0.01	.0466
FdnsDynValue	DYVL	...	37.13	-0.90	...
FrankGlbCoin	EZBC	...	37.33	-1.50	...
FrankDisrComm	BUYZ	...	29.93	-1.46	...
FrankExpData	XDAT	...	21.09	-1.12	...
FrankFocGrw	FFOG	...	31.44	-2.23	...
FrankGenAlpr	HEJE	...	29.41	-1.64	...
FrankHYCorp	FLHY	6.6	23.25	-0.14	.1201
FrankIntMach	IQM	...	52.77	-4.11	...
FrankIntlAggBd	FLIA	1.0	20.02	-0.12	.1906
FrankIntlLoVolHi	LVHI	5.1	29.29	-0.07	.0374
FrankIntlSC	FLBL	1.2	24.56	-0.59	.375
FrankUSLCMulti	FLQL	1.4	49.92	-1.88	.1065
FrankUSMCMult	FLQM	1.2	49.93	-1.02	.0824
FrankUSSCMult	FLQS	1.3	37.72	-0.49	.0365
FreedomTOEM	FRDM	2.5	32.03	-1.15	.2545
FundamentalFirst	KNOW	...	23.13	-0.77	.0152
GadsdenDynMult	GDMA	4.1	30.30	-0.30	1.2476
GlbXUSInfrDevt	PAVE	.6	37.39	-1.07	.156
GSAccessEMUSDBd	GEMD	5.7	39.87	-0.39	.1793
GSAccInflUSDBd	GTIP	3.0	48.16	-0.18	.1307
GSActiveBeta	GSST	5.1	50.31	-0.04	.2086
GS ActWorldLow	GLOV	2.0	44.76	-0.41	.1503
GSBbgClnEner	GCLN	1.8	32.00	-0.22	.286
GS EW US LC Eq	GSEW	1.6	68.71	-1.29	.184
GSMarketBetaEM	GSEE	1.7	41.88	-0.81	.1536
GSMarketBetaHE	GSID	2.6	54.58	-0.15	.1237
GSMarketBetaUS	GSUS	1.3	68.02	-2.14	.2244
GSNorthAmPipe	GPOW	3.7	43.68	+0.42	.2358
GS PhysGold	AAAU	...	23.64	+0.45	...
GooseHollowEnhEq	GHEE	1.1	26.76	+1.05	.1971
GooseHollowMult	GHMS	3	27.47	-1.62	.0144
GooseHollowTact	GHTA	1.8	26.87	-0.21	.6294
Hartford AAA CLO	HSRT	4.3	39.11	+0.12	.1987
HartfordCoreBd	HCRB	3.7	34.04	-0.26	.0985
HartfordLCGrw	HFGO	...	18.09	-1.19	...
HartfordMfIntl	ROIS	...	48.80	-0.21	.099
HartfordLvIntl	RODE	5.1	26.94	-0.17	.7692
HartfordQualVal	QUVU	2.6	23.63	+0.16	.6621
HartfordSustInem	HSUN	6.0	33.28	-0.25	.1574
HartfordUSValue	VMAX	...	45.19	-0.38	...
InnovDefWealth	BALT	...	28.05	-0.76	...
InnovEqDefA26	AAPR	...	24.30	-0.25	...
InnovEqDefJan26	AJAN	...	24.51	-0.18	...
InnovEqDefJ25	TJUL	...	25.97	-0.19	...
InnovGrowthAccQ	XDQQ	...	26.63	-1.48	...
InnovGrwAccPIApr	QTAP	...	30.77	-1.42	...
InnovGrwAccPIJul	QTJL	...	28.79	-0.52	...
InnovGrwAccPIJan	QTJA	...	21.50	-0.78	...
InnovGrwAccPIOct	QTOC	...	26.13	-0.45	...
InnovHdgTSLA	TSLH	4.3	21.90	-1.05	.9321
InnovLadder	BUFB	...	48.49	-0.61	...
InnovNasd100Oct	NOCT	...	46.60	-0.79	...
InnovNasd100Apr	NAPR	...	43.80	-1.32	...
InnovNasd100Jan	NJAN	...	42.20	-1.03	...
InnovNasd100Jul	NJUL	...	56.18	-1.30	...
InnovPremIncm15A	LAPR	...	24.77	-0.07	...
InnovPremIncm15Jan	LJAN	5.6	24.55	-0.04	.1142
InnovPremIncm150	LOCT	6.6	23.99	+0.01	.1319
InnovPrem40Jul	JULQ	4.2	24.92	+0.03	.3536
InnovPremIncm40A	APRQ	5.5	24.41	...	.3369
InnovPremIncm40J	JANQ	4.9	24.58	...	.3456
InnovPremIncm400	OCTQ	2.9	23.99	...	.3436
InnovPremIncm9A	HAPR	...	24.65	-0.13	...
InnovPremIncm9Jan	HJAN	6.6	24.57	-0.07	.1344
InnovPremIncm90	HOCT	7.5	24.07	+0.01	.1511
InnovPrem10A	APRD	9.5	24.24	-0.21	.4002
InnovPrem10Jan	JAND	7.9	24.72	-0.15	.4898
InnovPrem10Jul	JULD	6.2	25.01	...	.5199
InnovPrem100	OCTD	4.5	24.25	-0.04	.5461
InnovPremIncm300	APRJ	6.2	24.33	-0.06	.3993
InnovPremIncm300	OCTJ	3.3	24.06	+0.04	.3954
InnovPrem30Jan	JANJ	5.6	24.64	-0.02	.3447
InnovPrem30Jul	JULJ	4.8	24.95	+0.02	.3994
InnovPremIncm20A	APRH	7.8	24.17	-0.17	.4855
InnovPrem20Jan	JANH	6.7	24.69	-0.04	.4136
InnovPrem20Jul	JULH	5.9	24.98	+0.02	.4986
InnovPremIncm200	OCTH	3.9	24.16	+0.02	.4679
InnovRuss2000Jul	KJUL	...	26.60	-0.55	...
InnovRuss2000Oct	KOCT	...	27.40	-0.39	...
InnovRuss2000Apr	KAPR	...	29.69	-0.43	...
InnovRuss2000Jan	KJAN	...	33.03	-0.42	...
InnovS&P500BfQ	BOCT	...	39.63	-0.51	...
InnovS&P500BuffJul	BJUL	...	38.96	-0.85	...
InnovS&P500BuffA	BAPR	...	38.50	-0.86	...
InnovS&P500Aug	BAUG	...	37.28	-0.92	...
InnovS&P500Dec	BDEC	...	39.47	-0.64	...
InnovS&P500Feb	BFEB	...	38.13	-0.69	...
InnovS&P500Jan	BJAN	...	42.21	-0.81	...
InnovS&P500BfJun	BJUN	...	37.03	-0.39	...
InnovS&P500BfMar	BMAR	...	40.14	-0.83	...
InnovS&P500BfMay	BMAY	...	35.36	-0.19	...
InnovS&P500BfN	BNOV	...	35.85	-0.34	...
InnovS&P500JSep	BSEP	...	37.97	-0.76	...
InnovS&P500Divrs	BUFF	...	41.01	-0.42	...
InnovS&P500PwrF	PFEB	...	33.41	-0.41	...
InnovS&P500PwrJ	PJUL	...	37.29	-0.47	...
InnovS&P500PwrN	PNOV	...	35.22	-0.22	...
InnovUSEqAccAp	XAPR	...	30.21	-0.49	...
InnovUSEqAccAug	XAUG	...	30.25	-0.18	...
InnovUSEqAccD	XDAP	...	30.01	-0.86	...
InnovUSEqAccQ	XDSQ	...	29.56	-0.98	...
InnovUSEqAcc9BfJan	XBJA	...	26.40	-0.28	...
InnovUSEqAccPIApr	XTAP	...	29.56	-0.81	...
InnovUSEqAccJul	XJUL	...	31.20	-0.26	...
InnovUSEqAccOct	XDOC	...	28.12	-0.35	...
InnovUSEqAcc9BfJul	XBJL	...	31.47	-0.12	...
InnovUSEqAcc9BfOct	XBOC	...	28.50	-0.10	...
InnovUSEqAccPIJul	XTJL	...	30.51	-0.16	...
InnovUSEqAccPIOct	XTOC	...	27.40	-0.16	...
InnovUSEq5to15Q	EALT	...	27.85	-0.64	...
InnovUSEq10Q	ZALT	...	26.90	-0.30	...
InnovUnAccUS	XUSP	...	32.42	-1.45	...
InnovUSEqAccJan	XDJA	...	25.39	-0.48	...
InnovUSEqAccPIJan	XTJA	...	24.95	-0.41	...
InvscAAACLOFRNt	ICLO	8.0	25.72	+0.06	.14
InvscGalaxyBlock	BLKC	2.2	18.05	-0.78	.1017
InvscGalCrypto	SATO	3.2	12.15	-0.58	.1218
InvscGalaxyBTC	BTCO	...	64.36	-2.53	...
InvscHYSelect	HYS	7.4	21.78	-0.16	.1428
InvscIntlDevDyn	IMFL	3.9	24.67	-0.34	.2008
InvscMSCIUSA	PBUS	1.3	49.55	-1.61	.1687
InvscMuniStrat	IMSI	4.1	50.87	+0.14	.1824
InvscRealAssets	IVRA	2.6	13.40	-0.16	.0246
InvscRuss1000Dyn	OMFL	1.4	51.60	-0.66	.2461
InvscRuss2000Dyn	OMFS	1.6	35.24	-0.32	.1748
InvscS&P500BuyWr	PBP	3.9	21.84	-0.51	.1751
InvscS&P500MinVar	SPMV	2.2	40.78	-0.44	.1887
InvscS&PSCHiDiv	XSHD	8.3	14.64	+0.08	.09
InvscS&PSCQual	XSHQ	1.2	38.97	-0.25	.1189
InvscShDurBd	ISDB	5.8	24.71	-0.03	.1138
Invsco5-YrUSTIPS	PBTP	2.4	25.06	-0.01	.0292
iPathBS&P500VIXMid	VXZ	...	14.41	+0.02	...
iPathS&P500VIX	VXX	...	15.46	+6.67	...
iShBrdUSDHYCpBd	USHY	6.8	35.73	-0.20	.2183
iShConvBond	ICVT	2.0	76.13	-1.72	.1286
iShCoreMSCIEAFE	IEFA	3.2	70.78	-1.08	.9678
iShCurrMSCIEAFE	HEFA	2.8	33.84	-0.38	.3963
iShCurrHdgMSCIEM	HEEM	2.7	25.06	-0.45	.4719
iShIntlSelDiv	IDV	6.7	27.40	+0.04	.236
iShTransportAvg	IYT	1.3	65.86	-1.75	.1864
iShUSAero&Def	ITA	.9	128.00	+0.28	.2661
iShUSHomeConstrn	ITB	.5	102.36	-4.90	.1435
iShESGAwareAgg	EAOA	2.1	32.35	-0.73	.1061
iShESGAwareCon	EAOK	3.0	24.36	-0.32	.0467
iShESGAwareGrw	EAOR	2.4	28.97	-0.54	.1411
iShESGMSCIUSAGr	EGUS	.3	34.82	-2.03	.002
iShESGMSCIUSAVa	EVUS	2.4	26.49	-0.13	.1702
iShESGAwareMod	EAOM	2.8	25.89	-0.39	.2402
iShESGMSCIUSASc	ESML	1.3	37.14	-0.90	.1079
iShESGScrS&P500	XVV	1.2	37.92	-1.30	.1016
iShESGScrS&PMC	XJH	1.3	38.15	-0.83	.0877
iShESGScrS&PSC	XJR	.7	36.45	-0.46	.14
iShEdgeMSCIMinEAFE	EFAV	3.1	68.25	-0.38	.8214
iShEdgeMSCIMinEM	EEMV	2.8	55.27	-0.54	1.058
iShEdgeMSCIMinVol	ACWV	2.4	101.95	+0.12	1.5547
iShEdgeMSCIMinUSA	USMV	1.8	80.50	+0.04	.3603
iShMSCIMinUSSC	SMMV	1.6	35.86	-0.01	.1211
iShEdgeMSCIUSAMom	MTUM	.8	172.58	-10.32	.1622
iShEdgeMSCIUSAQual	QUAL	1.2	154.36	-5.59	.375
iShEdgeMSCIUSAVal	VLUE	2.6	101.24	-1.21	.6901
iShEMCorpBdFd	CEMB	5.0	43.66	-0.23	.1752
iShExpTechSftwr	IGV	.0	78.53	-4.23	.0051
iShEUSGrwStyle	STLG	1.4	44.37	-2.12	.0338
iShFRBd	FLOT	5.8	51.02	+0.07	.2414
iShGlbxUSDHyCpBd	HYXU	...	47.68	-0.12	...
iShGlbHYCorpBd	GHYG	5.9	43.09	-0.13	.2098
iShGoldStrategy	IAUF	11.4	62.73	+1.13	7.1675
iShHYCpBdBuyWrt	HYGW	14.1	43.76	-0.32	.3964
iShHYSystmBd	HYDB	7.2	45.75	-0.15	.3264
iShiBdsDec28Muni	IBMQ	2.1	25.09	+0.01	.0502
iShiBdsDec25Muni	IBMN	1.8	26.39	...	.0467
iShiBdsDec24Muni	IBMH	1.8	25.96	+0.03	.0364
iShiBdsDec29Muni	IBMS	2.3	24.92	-0.08	.0558
iShiBdsDec27Muni	IBMP	2.1	24.99	...	.0474
iShiBdsDec26Muni	IBMJ	1.8	25.23	-0.02	.046
iShiBds30TermHY	IBHJ	7.5	25.42	-0.19	.1554
iShiBds28TermHY	IBHH	6.8	22.87	-0.08	.1339
iShiBds25TermHY	IBHF	7.2	23.25	...	.1403
iShiBds24TermHY	IBHE	6.8	23.24	+0.02	.1259
iShiBds29TermHY	IBHI	6.6	22.73	-0.16	.1125
iShiBds27TermHY	IBHG	7.1	21.84	-0.07	.1355
iShiBds26TermHY	IBHF	7.4	22.72	-0.06	.1402
iShInfHdgCpBd	IGHG	5.9	48.34	-0.21	-0.23	.0968
iShIntGovtCredBd	GVI	3.0	102.34	-0.31	.313
iShIntIAggBd	IAGG	3.6	49.51	-0.22	1.7697
iShIntIDevSCV	ISVL	3.8	34.17	-0.56	.6299
iShIntIDivGrowth	IGRO	2.9	64.61	-0.42	.2992
iShIGCpBdBuyWr	LQDW	18.5	28.22	-0.28	.4099
iShJPActrstemBd	IGEB	5.0	43.82	-0.39	.1978
iShJPMBrdUSDEMBd	BEMB	6.3	51.14	-0.24	.2486
iShJPMEMHYBd	EMHY	6.6	36.77	-0.10	.2702
iShLCDeepBuffer	IVVB	...	26.67	-0.52	...
iShLCModBuffer	IVVM	...	27.05	-0.46	...
iShMSCIChileCap	ECH	5.3	26.25	-0.50	.1761
iShMSCIChinaA	CNYA	4.2	26.19	+0.62	1.031
iShMSCIDenmarkCp	EDEN	1.8	117.10	-1.08	.3341
iShMSCIEAFEGrw	EFG	1.6	97.17	-2.10	.6555
iShMSCIEmgMulti	EMGF	5.8	43.51	-0.61	2.1095
iShMSCIEurozone	EZU	2.5	45.73	-0.24	.3513
iShMSCIFinlandCp	EFNL	4.4	34.98	+0.08	.7688
iShMSCIGlbMtls	PICK	4.2	42.78	-0.10	1.0214
iShMSCIGlbSilver	SLVP	.8	11.77	-0.06	.0481
iShMSCIIndia	INDA	.2	51.33	-0.34	.0301
iShMSCIIndiaSC	SMIN	1.1	72.79	+0.03	.2437
iShMSCIKuwait	KWT	2.1	32.54	-0.13	.0107
iShMSCINorwayCap	ENOR	5.3	23.21	-0.76	.4167
iShMSCIUK SC	EWUS	3.0	33.43	-0.49	.6375
iShMSCIEAFEValue	EFV	4.3	52.82	-0.41	.9574
iShMornMultiAsst	LYLD	6.1	19.48	-0.09	.0877
iShMtgRealEst	REM	10.1	21.79	+0.03	.1181
iShNrthAmNatRscs	IGE	2.4	45.03	-0.55	.2227
iShRuss2500	SMMD	1.4	60.38	-1.70	.1637
iShRuss2000BW	IWMW	...	46.91	-1.34	...
iShS&P500BuyWrite	XYLD	13.1	38.16	-1.25	...
iShCohen&StrsREIT	ICF

DATA

EXCHANGE-TRADED PORTFOLIOS

BARRONS.COM/DATA

Name	Tick Sym	Yld	Last	Chg.	Chg.	Div Amt.
DirexNasd100EW	QQQE	.8	82.80	-3.32	.1907	
EABridgewayOmniSC	BSVO	1.5	19.96	-0.07	.3002	
ER Entrepreneurs	ENTR	...	14.10	-1.05	...	
EventHerdLgSh	WNDY	...	18.94	-1.26	...	
F/mOppInc	XFIX	5.3	50.59	-0.28	.2194	
FidCrypto	FDIG	.2	24.45	-0.33	.051	
FidDisrAuto	FBOT	.3	24.19	-1.26	.026	
FidDisrComms	FDCF	...	29.84	-1.28	...	
FidDisrFin	FDFF	.4	29.90	-0.91	.029	
FidDisrMed	FMED	...	22.51	-0.87	...	
FidDisrTech	FDTX	...	29.31	-2.23	...	
FidDisrupt	FDIF	.2	26.47	-1.34	.055	
FidelityLowDurBd	FLDB	4.6	50.16	+0.03	.194	
FidMetaverse	FMET	.2	26.60	-1.28	.007	
FidNasdaq	FNEQ	.7	60.18	-2.52	.112	
FT AltAbsRet	FAAR	3.2	29.01	-0.09	.2032	
FT APx Japan	FPA	2.7	26.22	-0.15	.1181	
FT BbgShareYd	SHRY	.0	36.49	-0.09	.0832	
FT BrazilAlpha	FBZ	4.4	11.25	-0.26	.0598	
FT BuyWrite	FTHI	6.4	21.75	-0.41	.16	
FT CA MuniHi	FCAL	2.8	49.22	-0.12	.12	
FT CapStrength	FTCS	1.4	81.73	-0.63	.2247	
FT ChinaAlphaDEX	FCA	6.0	19.33	+0.10	.1026	
FT CloudComp	SKYY	.5	88.72	-4.91	...	
FT DevMkts	FDT	4.2	53.89	-1.07	.1962	
FT DevMktsXUS	FDTS	3.1	40.59	-0.97	.2036	
FT DivStrength	FTDS	2.0	48.12	-0.48	.1936	
FT DorseyDyn5	FVC	1.9	32.08	-1.64	.139	
FT DorseyFocS	FV	3.1	41.48	-1.26	.4277	
FT DorseyInt15	IFV	3.2	19.72	-0.25	.0733	
FT DW Momentum	DDIV	2.7	32.25	-0.44	.1363	
FT DW Mom&Low	DVOL	2.1	29.21	-0.22	.0527	
FT DW Mom	DVLU	1.0	27.91	-0.61	.0424	
FT DorseyDALI1	DALI	3.1	21.15	-0.09	.0046	
FT DJ IntlInt	FDNI	...	21.84	-0.43	...	
FT MultAsstDiv	MDIV	6.2	15.47	-0.01	.1249	
FT NasdTechDiv	TDIV	1.7	65.21	-2.94	.1907	
FT EM Alphadex	FEM	5.0	23.08	-0.10	.0949	
FT EM EquitySel	RNEM	1.5	45.60	-0.22	.0662	
FT EM LocalCurr	FEMB	5.6	27.18	-0.57	.1325	
FT EM SC Alpha	FEMS	4.9	38.09	-1.06	.1684	
FT EnhShtMat	FTSM	4.8	59.91	+0.02	.249	
FT EuropeAlpha	FEP	4.0	36.32	-0.39	.2853	
FT EuropeAlpha	FEUZ	5.8	33.68	-0.53	.1929	
FT FlexMuni	MFLX	3.7	16.56	-0.36	.051	
FT GerAlpha	FGM	2.9	38.28	-0.77	.3994	
FT GITactCommod	FTGC	3.1	24.41	+0.03	.164	
FT GrwthStr	FTGS	.4	28.64	-1.30	.0209	
FT HilncmStrat	HISF	4.5	24.23	-0.26	.1439	
FT IPOXEurEq	FPXE	2.2	23.58	-1.08	.0594	
FT IncmOpps	FCEF	7.3	19.77	-0.16	.125	
FT GlbIAgri	FTAG	3.8	24.94	-0.12	.0166	
FT GlbNatRscs	FTRI	5.6	13.46	+0.09	.0609	
FT IndiaNifty50	NFTY	.7	26.60	-0.28	.1929	
FT IndxxInmTran	LEGR	2.5	41.21	-0.39	.0925	
FT IndxxMeta	ARVR	.1	32.60	-2.04	.026	
FT IndxxNextG	NXTG	2.2	73.43	-3.09	.044	
FT IntlDevCap	FICS	1.0	33.24	-0.22	.0545	
FT IntlEqOpps	FPXI	1.3	63.69	-1.94	.1823	
FT JapanAlpha	FJP	3.8	52.27	-1.71	.2998	
FT LC CoreAlpha	FEX	1.2	93.71	-1.60	.2108	
FT LC GrwAlpha	FTC	.4	113.42	-5.38	.0214	
FT LC ValAlpha	FTA	2.1	73.56	+0.12	.3091	
FT LatAmAlpha	FLN	1.9	17.45	-0.16	.1823	
FT LowDurOpp	LMBS	4.3	47.71	-0.09	.175	
FT LowDurStrat	LDSF	4.3	18.54	-0.06	.0688	
FT MgdMuni	FMB	3.1	50.99	-0.02	.135	
FT MC CoreAlpha	FNX	1.0	105.23	-2.36	.1685	
FT MC GrwAlpha	FNY	0.3	72.25	-2.36	.0659	
FT MC IS Equity	NICE	1.4	31.00	-0.54	.06	
FT MC ValAlpha	FNK	1.7	50.66	-0.52	.1139	
FT MCGrAlpDX	FAD	3.3	114.61	-4.55	.1919	
FT MCValAlpha	FAB	1.9	78.44	-0.22	.243	
FT MuniHiInc	HMH	3.5	47.60	-0.19	.1403	
FT NasdComBk	QABA	2.9	44.29	+1.07	.2733	
FT NasdCleanEdge	QCLN	.9	30.48	-2.22	.082	
FT NasdCIEdSmGr	GRID	1.2	109.73	-2.29	.1018	
FT NasdCybersec	CIBR	.5	52.63	-2.22	.0237	
FT NasdOOInTech	QTEC	1.5	97.57	-2.83	.0789	
FT NasdTechDiv	QTEC	.1	173.94	-12.08	.0084	
FT NasdArtIntel	ROBT	.2	40.82	-2.03	.0296	
FT NasdaqBk	FTXO	3.0	25.70	+0.40	.1069	
FT NasdBuyWrite	FTQI	11.7	19.63	-0.75	.198	
FT NasdCloud&Bev	FDN	1.4	24.05	-0.54	.0911	
FT NasdLux	EKG	.5	15.35	-0.84	...	
FT NasdOil&Gas	FTXN	3.0	32.19	-0.70	.1404	
FT NasdPharm	FTXH	1.5	25.86	-0.22	.0266	
FT NasdSemicon	FTXL	.6	79.89	-7.06	.0767	
FT NasdTrans	FTXR	1.4	30.45	-0.25	.1148	
FT NasdIOO EW	QQEW	.7	115.05	-4.64	.2153	
FT RBA AmerInd	AIRR	.2	62.01	-1.83	.0096	
FT RisingDivAch	RDVY	2.0	53.39	-0.55	.2238	
FT RiverFrDynDev	RFDI	2.8	61.79	-0.51	.2573	
FT RiverFrDynEM	RFEM	2.8	59.66	-1.14	.2393	
FT RiverFrDynEur	RFEU	3.4	62.87	-0.92	.3121	
FT S&P500Div	KNGZ	3.1	30.08	-0.12	.1288	
FT S&PIntDivArist	FID	4.4	15.34	-0.12	.0317	
FT SMID CapRising	SDVY	1.8	32.60	-0.50	.1032	
FT S-NDivHCk	ISMP	1.6	22.62	-1.72	.0525	
FT S-NtwkFutVeh	CARZ	1.3	53.45	-3.54	.2232	
FT SSI Strat	FCVT	1.8	32.50	-0.79	.04	
FT SrLoanFd	FTSL	7.7	46.18	...	.30	
FT SC CoreAlpha	FYX	1.2	87.48	-1.25	.1234	
FT SC GrwAlpha	FYC	.4	61.67	-1.62	.0555	
FT SC US Equity	RNSC	2.2	27.23	-0.09	.0419	
FT SC ValAlpha	FYT	1.6	51.23	-0.10	.122	
FT SwitzAlpha	FSZ	2.1	61.02	-0.13	.1281	
FT TCW Opp	FIXD	4.3	42.30	-0.31	.155	
FT TacticalHY	HYLS	6.3	40.10	-0.13	.22	
FT UK Alpha	FKU	4.1	35.90	-0.46	.1925	
FlexShCredScoreUS	SKOR	4.4	46.87	-0.21	.1998	
FlexShRealAsset	ASET	2.9	30.10	-0.19	.0862	
FrankUSLowVol	LVHD	3.9	35.75	+0.53	.1379	
GlbXAgingPop	AGNG	1.0	28.32	-0.80	.1213	
GlbXAgTech	KROP	1.4	10.72	...	.0851	
GlbXAltIncome	ALTY	7.4	11.10	-0.14	.0672	
GlbXAI&Tech	AIQ	.2	31.46	-1.90	.0193	
GlbXAuto&Elc	DRIV	1.8	22.32	-1.41	.224	
GlbXBlockchain	BITS	11.7	62.26	-1.72	.7052	
GlbXBlockchain	BKCH	2.7	40.48	-0.40	.8873	
GlbXCleanWater	AQWA	1.5	16.79	-0.06	.1435	
GlbXCleanTech	CTEC	.7	8.34	-0.53	.0551	
GlbXCloudComp	CLOU	...	20.00	-0.91	...	
GlbXConsciousCos	BMAR	1.1	34.40	-0.92	.2351	
GlbXCybersec	BUG	.1	27.36	-1.28	.0306	
GlbXDAXGermany	DAX	2.4	31.55	-0.20	.1125	
GlbXDataCtr	DTCR	1.2	13.87	-0.72	.0962	
GlbXDisrMatls	DMAT	1.8	15.89	-0.13	.1246	
GlbXEconom	EBIZ	.1	21.93	-0.81	...	
GlbXFinTech	FINX	.2	24.98	-0.98	.0031	
GlbXGen&Biotech	GNOM	...	9.68	-0.87	...	
GlbXHydrogen	HYDR	.5	5.05	-0.40	...	
GlbXIoT	SNSR	.8	33.15	-1.52	.1472	
GlbXMSCISuperDiv	EFAS	6.3	17.34	-0.27	.0675	
GlbXMillCnsmr	MILN	.3	36.57	-1.32	.1138	
GlbXNasd100Col	QCLR	.5	27.14	-0.97	.0939	
GlbXNasd100Cv	QYLD	12.0	17.28	-0.68	.178	
GlbXNasd100Risk	QRMI	12.6	16.76	-0.68	.1729	
GlbXNasd100Tail	TYR	.2	26.68	-1.14	.0268	
GlbXNasd100CC	QYLG	5.8	28.96	-1.44	.1568	
GlbXNasd100ESGCC	QYLE	10.9	25.54	-1.24	.2237	
GlbXPropTech	PTEC	.0	28.46	-1.21	.0045	
GlbXRenewEner	RNRG	1.7	9.38	-0.20	.0824	
GlbXRobotics&AI	BOTZ	1.3	25.63	-1.14	.0041	
GlbXS&PCathDvxUS	CEFA	2.3	29.89	-0.48	.3239	
GlbXS&P500Cath	CATH	1.1	60.01	-1.91	.4065	
GlbXSocialMedia	SOCL	.6	38.39	-0.73	.0549	
GlbXSolar	RAYS	.1	10.48	-0.56	...	
GlbXSuperDivREIT	SRET	8.2	19.26	-0.09	.135	

Name	Tick Sym	Yld	Last	Chg.	Chg.	Div Amt.
GlbXTelemed	EDOC	...	8.49	-0.45	...	
GlbXThemGrwth	GXTG	2.2	22.24	-0.90	.3824	
GlbXVideoGames	HERO	.8	19.00	-0.68	.1208	
GlbXWindEnergy	WNDY	1.7	11.55	-0.36	.0903	
GS Nasdaq100Core	GPIQ	10.9	43.43	-2.27	.3709	
GS&P50CorePrem	GPIX	8.6	44.36	-1.36	.3158	
GrShr1.25xLTesla	TSL	120.8	5.51	-1.16	6.6572	
GrShr1xShAMDDly	AMDS	22.9	14.41	+1.39	2.2003	
GrShr2xLgAAPLDly	AAPB	26.8	16.09	-2.52	4.3064	
GrShr2xLongAMDDly	AMDL	...	14.23	-3.61	...	
GrShr2xLongAMZNDly	AMZZ	...	24.77	-3.49	...	
GrShr2xLgBABA	BABX	...	12.11	-0.80	...	
GrShr2xLongCOINDly	CONL	.2	46.44	-18.06	.1086	
GrShr2xLongMSFTDly	MSFL	...	22.71	-2.79	...	
GrShr2xLongMeta	FBL	30.9	25.51	-3.88	6.0045	
GrShr2xLgNVDA	NVDL	33.5	28.77	-10.45	1.6852	
GrShr2xLgTSLA	TSLR	...	8.36	-3.08	...	
GrShr2xShNVDA	NVD	.6	7.18	+1.54	...	
GrShr2xShTSLA	TSDD	1.2	34.55	+8.42	3.8677	
GuruFavoriteStks	GFGF	.1	25.91	-0.90	.0196	
HartfordUSQualGrw	HQGO	...	44.11	-1.60	...	
HiltonSmMidOpp	SMCO	.1	22.14	-0.69	.0114	
HoneytreeUSEq	BEEZ	.2	28.30	-0.81	.0549	
HorizKinetics Med	MEDX	6.0	22.75	-0.43	.1398	
HorizKinetics Spac	SPAQ	2.5	98.31	+0.17	2.5298	
IDXDynFixed	DYFI	3.6	24.32	-0.19	.1156	
IDX Dyn Innov	DYNI	.0	26.06	-1.88	.0093	
IQGlbEqu R&DLdrs	WRND	1.6	27.15	-1.44	.206	
IQ5-10Cr&DLdrs	LRND	1.1	31.55	-1.55	.2705	
IQUS SC	CSML	1.4	34.70	-0.60	.1416	
InvscActMgdETC	PDBC	4.0	14.15	-0.18	.5601	
InvscAgricCmdK-1	PDBA	5.3	38.23	+1.51	2.0361	
InvscBS30CpBd	BSCU	4.4	16.02	-0.09	.0613	
InvscBS30HYMuCpBd	BSCV	4.7	21.15	-0.13	.1301	
InvscBS30MuniBd	BSMU	2.8	21.88	-0.01	.0526	
InvscBS28CpBd	BSCS	4.1	19.78	-0.09	.0736	
InvscBS25CpBd	BSCP	3.6	20.45	+0.01	.0662	
InvscBS25HYCpBd	BSJP	7.2	22.93	+0.02	.1081	
InvscBS25MuniBd	BSCR	2.9	21.95	+0.01	.0526	
InvscBS24HYCpBd	BSJO	6.1	22.79	+0.02	.1142	
InvscBS27CpBd	BSCR	3.9	19.11	-0.04	.0667	
InvscBS26CpBd	BSCQ	3.7	19.13	-0.02	.059	
InvscBS26HYCpBd	BSJQ	6.7	23.01	-0.03	.1248	
InvscBS26MuniBd	BSMQ	2.7	21.97	-0.01	.0643	
InvscBS31HYCpBd	BSJV	6.3	25.63	-0.14	.1253	
InvscBS31MuniBd	BSMV	2.8	21.09	+0.01	.054	
InvscBS33CpBd	BSCX	4.4	20.27	-0.20	.0876	
InvscBS33MuniBd	BSSX	3.5	25.83	-0.05	.0613	
InvscBS32CpBd	BSCW	4.0	19.87	-0.10	.0692	
InvscBS32MuniBd	BSMW	3.3	25.18	-0.01	.0692	
InvscBS28HYCpBd	BSJS	6.9	21.33	-0.09	.1204	
InvscBS28MuniBd	BSMS	2.7	23.31	-0.02	.0535	
InvscBS25MuniBd	BSMP	2.3	24.29	-0.01	.0509	
InvscBS29MuniBd	BSMU	2.6	22.52	-0.01	.0557	
InvscBS29CpBd	BSCT	4.2	17.96	-0.09	.0619	
InvscBS29HYCpBd	BSJT	6.6	20.79	-0.15	.1146	
InvscBS29MuniBd	BSMT	2.7	23.03	-0.05	.0512	
InvscBS27HYCpBd	BSJR	6.7	21.97	-0.05	.123	
InvscBS27MuniBd	BSMR	2.7	23.69	-0.04	.0526	
InvscBS26MuniBd	BSMO	2.5	23.52	+0.02	.0526	
InvscBuyBackAch	PKW	1.1	102.25	-1.38	.3103	
InvscDivAchvrs	PFM	1.8	40.68	-0.31	.1802	
InvscDWBasMatls	PYZ	1.2	88.25	-1.15	.2109	
InvscDWBldMod	PKB	1.2	81.59	-1.13	.1402	
InvscDWCnsmrStp	PSL	1.3	92.33	-0.36	.1839	
InvscDWDevMkts	PIZ	1.5	32.70	-0.51	.088	
InvscDWEMMntm	PIE	2.3	20.91	-0.60	.0208	
InvscDWEnerMntm	PXI	1.4	48.43	-1.64	.077	
InvscDWFinancials	PFI	1.7	44.25	-0.52	.0625	
InvscDWHlthcrMntm	PTH	...	88.95	-2.88	...	
InvscDWIndlsMntm	PRN	.4	130.51	-5.39	.0727	
InvscDWMntm	PDP	.3	90.96	-4.17	.0275	
InvscDWSCMntm	DWAS	1.5	81.58	-4.16	.0488	
InvscDWTechMntm	PTF	1.1	44.25	-2.52	.0208	
InvscDWUtilsMntm	PUI	2.4	33.24	+0.36	.1477	
InvscESGNasdNxt	QQJG	.6	20.69	-0.92	.0422	
InvscESGNasd100	QQMG	.6	28.26	-1.68	.0406	
InvscElcVehicle	EVMT	...	18.29	+1.02	...	
InvscEqualWtEnrgy	GVLU	2.0	37.47	-0.33	.0789	
InvscFTSEUS1500SM	PRFZ	1.4	36.56	-0.67	.0861	
InvscGlblWater	PIO	.8	40.03	-0.93	.0084	
InvscGoldenDragon	PGJ	2.7	23.54	-0.50	.3959	
InvscHYBd	IHYF	7.1	21.95	-0.10	.1359	
InvscHYEqDivAch	HYDG	2.7	76.27	-1.03	.1495	
InvscIntlBuyBkAch	IPKW	2.5	38.79	-0.44	.3724	
InvscIntlDivAch	PID	3.5	17.65	-0.09	.1753	
InvscKBWBank	KBWB	3.6	51.29	+1.03	.1405	
InvscKBWHiDvYdFn	KBWD	12.2	14.92	+0.08	.1456	
InvscKBWPropREIT	KBWY	9.2	11.35	-0.03	.1004	
InvscKBWP&Cins	KBWP	1.5	103.87	+1.81	.7481	
InvscKBWRegBkg	KBWR	3.3	48.27	+0.96	.3993	
InvscNasdFtGn200	QQQS	.7	23.88	-1.49	.2602	
InvscNasdNext100	QQQJ	.8	26.60	-1.09	.0683	
InvscNasdOpt	QQOP	.7	19.49	-0.54	.0403	
InvscNasdBiotech	IBBQ	.9	20.33	-0.65	.0435	
InvscNasdFrCash	QQWZ	.5	26.69	-1.35	.0312	
InvscNasdInt	PNQI	...	37.76	-2.00	...	
InvscPHLXSemicon	SOXQ	.8	33.89	-3.53	.0687	
InvscQQQ	QQQ	0.6	413.35	-15.12	.1486	
InvscRAFIStratUS	IUS	1.6	45.33	-0.92	.174	
InvscS&PSCCnsDisc	PSCD	1.2	97.42	-1.52	.3292	
InvscS&PSCCnsStpl	PSCC	1.5	35.52	+0.59	.1331	
InvscS&PSCEner	PSCE	2.1	55.16	-1.25	.1793	
InvscS&PSCFinls	PSCF	1.4	45.13	-0.12	.1203	
InvscS&PSCHlthCr	PSCH	...	40.33	-1.10	...	
InvscS&PSCIndls	PSCI	.7	119.15	-2.35	.1799	
InvscS&PSCInfTch	PSCT	.0	42.42	-1.67	.0048	
InvscS&PSCMatls	PSCM	.8	73.96	-2.24	.1533	
InvscS&PSCUtil	PSCU	1.6	49.54	+0.02	.1235	
InvscVarRateInvt	VRIG	6.2	25.20	+0.03	.1304	
InvscWaterRscs	PHO	.5	63.28	-0.68	.0629	
IShAsia50ETF	AIA	2.0	58.11	-2.03	.9765	
IShBiotech	IBB	.3	124.72	-4.86	.126	
IShBitcoin	IBIT	...	36.67	-1.47	...	
IShBreakthruEnv	ETEC	.8	20.13	-0.74	.8744	
IShBrdUSDInvCpBd	USIG	4.3	49.38	-0.36	.1853	
IShClimtConscious	USCL	1.1	58.93	-1.86	.1707	
IShCopper&Mtls	ICOP	3.6	30.48	+0.29	.551	
IShCoreMSCIIntlInt	IMTB	3.3	65.19	-1.12	.1403	
IShCore1-5YUSDBd	ISTB	3.3	46.89	-0.09	.1403	
IShCoreS&PUSGrw	IUSG	1.0	109.98	-6.19	.1667	
IShCoreS&PUSVal	IUSV	1.8	86.26	-0.16	.4397	
IShCoreTotUSBd	IUSB	3.7	44.44	-0.27	.1463	
IShCurMSCIGermany	EWG	2.9	33.96	-0.52	.3193	
IShESGAdvHYCpBd	HYXF	6.4	44.50	-0.24	.2239	
IShESGAdvMSCI	DMXF	1.9	64.36	-1.45	.5826	
IShESGAdvMSCIEM	EMXF	2.5	34.35	-0.91	.5571	
IShESGAdvUSD	USXF	1.2	41.56	-1.78	.1057	
IShESGAdvMSCI	ESGD	2.2	76.27	-1.60	.9185	
IShESGAwareEM	ESGE	2.4	31.14	-0.66	.6208	
IShESGAwareUSA	ESGU	1.3	108.69	-3.43	.3842	
IShESGI-5YCpBd	SUSB	3.1	24.21	-0.07	.0713	
IShESGUSDCorpBd	SUSC	4.1	22.32	-0.17	.0793	
IShESGAdvLdrs	LDEM	1.1	41.72	-0.90	.0425	
IShESGIUSALdrs	SUSL	1.2	87.95	-3.19	.2725	
IShESGMSCIUSAMin	ESMV	1.7	25.52	-0.09	.132	
IShEmergFood	IVEG	2.1	19.10	-0.23	.2381	
IShEnvInfra	EMIF	2.6	21.42	-0.36	.3413	
IShEnvAwRIEst	ERET	4.0	23.77	-0.62	.5384	
IShExponentialTech	XT	.5	54.45	-2.97	.1066	
IShFallAngelUSDBd	FALN	5.8	26.08	-0.32	.1345	
IShHiYldCpBd	HYBB	4.1	50.10	-0.25	.1972	
IShGNMABond	GNMA	3.8	42.22	-0.30	.1453	
IShGSCICmDynRoll	COMT	4.7	27.48	-0.28	1.3016	
IShGlbCleanEner	ICLN	1.2	13.02	-0.51	.1228	
IShGlbInfr	IGF	2.6	46.47	+0.12	.9069	
IShGlbTimber	WOOD	1.8	79.45	-1.90	1.3364	

Name	Tick Sym	Yld	Last	Chg.	Chg.	Div Amt.
iShiBdsDec30Trea	IBTK	3.4	18.93	-0.10	.0592	
iShiBdsDec31Trea	IBTL	3.5	19.59	-0.12	.0599	
iShiBdsDec33Trea	IBTO	3.4	23.52	-0.16	.0743	
iShiBdsDec32Trea	IBTM	3.5	21.67	-0.14	.0695	
iShiBdsDec28Trea	IBTI	3.6	21.55	-0.07	.0734	
iShiBdsDec25Trea	IBTE	4.1	23.16	+0.02	.0851	
iShiBdsDec24Trea	IBTD	4.4	23.93	+0.02	.0932	
iShiBdsDec29Trea	IBTJ	3.8	21.04	-0.09	.0717	
iShiBdsDec27Trea	IBTH	3.8	21.87	-0.10	.0876	
iShiBdsDec26Trea	IBTG	3.8	22.52	-0.02	.079	
iShiIndia50ETF	INDY	.1	49.89	-0.19	.1159	
iShIntlDevRealEst	IFGL	2.5	20.03	-0.30	.1114	
iShIntlTreaBd	IGOV		38.46	-0.37		
iShJPMUSEmrgBd	EMB	4.9	87.52	-0.43	.3857	
iShLithiumMiners	LIT	.9	12.76	-0.91	.118	
iShMBS	MBB	3.7	89.73	-0.76	.2921	
iShMSCIACWI	ACWI	1.8	104.54	-2.79	.9624	
iShMSCIACWIxUS	ACWX	2.3	51.16	-0.81	.7141	
iShMSCIACLdgn	AAXJ	1.5	65.49	-1.30	1.1081	
iShMSCIBrazilSC	EWZS	3.8	13.02	-0.50	.2451	
iShMSCIChina	MCHI	2.0	39.41	+0.13	.9941	
iShMSCICnMulti	TCHI	1.3	15.52	-0.30	.6628	
iShMSCIEAFESC	SCZ	1.7	60.46	-1.20	.8304	
iShMSCIEMAsia	EEMA	1.4	65.35	-1.55	1.1716	
iShMSCIEMxChina	EMXC	2.2	55.18	-1.64	.6371	
iShMSCIEurFinls	EUFN	4.8	21.95	+0.06	.3201	
iShMSCIEurSC	IEUS	3.1	54.08	-0.86	.61	
iShMSCIGlbGoldMin	RING	1.8	27.14	+0.13	.2626	
iShMSCIGlbSus	SDG	1.3	74.67	-1.16	.2705	
iShMSCIJapanVal	EWJV	2.4	31.71	-0.91	.5749	
iShMSCINZ	ENZL	1.6	44.00	-0.63	.9808	
iShMSCIQatar	QAT	4.8	17.42	+0.11	.7115	
iShMSCITurkey	TUR	3.7	38.21	+0.04	.353	
iShMSCIUAE	UAE	2.9	24.72	-0.05	.7148	
iShMSCIWatrMgmt	IWTR	1.7	29.38	-0.48	.2808	
iShMstarMCValue	IMCV	2.2	68.88	-0.51	.3268	
iShi1-5YIGCpBd	IGSB	3.5	50.70	-0.11	.1623	
iShi3YearIntlTBd	ISHG	.2	68.77	-0.13	.1309	
iShi1-3YTreaBd	SHY	3.7	81.67	-0.03	.2199	
iShiParisClimt	PABU	1.3	53.24	-2.10	.1347	
iShPACImtxUS	PABD		50.52	-0.66		
iShPfd&Incm	PFF	6.5	30.90	-0.35	.1703	
iShS&PSC600Gr	IJT	1.0	122.21	-2.57	.2191	
iShSelectDiv	DVY	3.2	118.37	-0.96	.3643	
iShSemiconductor	SOXX	.8	198.39	-19.68	.2249	
iSh7-10YTreaBd	IEF	3.2	91.74	-0.57	.2493	
iShShortTreaBd	SHV	5.0	110.35	+0.11	.4477	
iSh3-7YTreaBd	IEI	2.7	113.65	-0.40	.2749	
iShTransMCs	IYT	1.4	279.37	+1.50	.1263	
iSh20YrTreaBd	TLT	3.7	89.15	-1.14	.3124	
iShUSDGreenBd	BGRN	3.7	45.98	-0.21	.1504	
iShUSDSystemBd	USHD	4.6	81.94	-0.34	.3229	
iSh0-5YIGCpBd	SLQD	3.2	48.81	-0.08	.1461	
iShUSPfdStk	PFF	6.5	30.90	-0.35	.0943	
JanusSCGrwAlpha	JSMD	.5	56.18	-1.52	.0531	
JanusS/MC GrAlph	JSMD	.5	64.79	-1.76	.0656	
JPMEqFocus	JPEF	.4	56.63	-1.52	.2039	
JPMGlblSclEqETF	JGLO	.3	55.20	-1.38	.1698	
JPMIntrchrgInv	JDOI	.1	25.50	-0.64	.0796	
JPM IntlValue	JIVE		53.42	-0.42		
JPM SustInfr	BLLD		45.32	-0.35		
JPMUSTechLdrs	JPMT		59.98	-4.99		
KeatingActive	KEAT		24.94	-0.06		
LevelUpEnrgLCov	LGRO	.5	28.38	-1.30	.044	
MKAM ETF	MKAM	2.0	27.01	-0.67	.097	
MktDeskFocUSDiv	FDIV	1.3	26.82	+0.12	.1957	
MartinCurrieSustn	MCSE	.6	14.48	-0.44	.084	
MatthewsCnDiscAct	MCHS		25.24	-0.30		
MatthewsEMDiscAct	MEMS		24.50	-0.41		
NeosNasd100Hi	QQQI	14.9	48.10	-2.43	.6045	
Nasdaq7HANDL	HNDL	7.1	20.06	-0.38	.1217	
NatlSecurityEM	NSI	.7	25.32	-0.84	.0897	
NuvCorePlusBd	NCPB	3.6	24.48		.0732	
NuvGlbImpactEcon	NUEM	1.4	22.96	-0.64	.4397	
NuvSustCore	NSCR		24.95			
NuvUltraShInc	NUSB	3.3	25.07	+0.02	.0693	
PacerBlueDig	QDMS	.4	20.09	-0.86	.0079	
PacerBlueStarEngg	BULD	.2	21.36	-1.22	.0089	
PacerCashCows	COWZ	2.0	57.47	-0.93	.3894	
PacerEMCashCows	ECOW	5.3	20.10	-0.24	.0275	
PacerTrend100	PTNQ	.5	66.23	-2.09	.9607	
PacerUSLCCash	COWG	.5	24.20	-1.16	.0425	
PacerUSSCCashCow	CAFG	.6	22.47	-0.25	.0371	
PrincipalActiveMu	BTEC	.2	11.55	-0.07	.0483	
PrincipalQual	PSET	.8	62.75	-3.07	.1724	
PrinUSMega	USMC	1.3	48.61	-1.41	.1814	
PrincipalUSSC	PSC	.9	46.06	-0.93	.1115	
PrincipalValue	PY	2.6	44.21	-0.62	.2683	
ProcureSpace	PXI	1.2	57.20	-0.84	.0979	
ProcureSpace	UFO	1.9	15.24	-0.46	.0433	
Pro

DATA

EXCHANGE-TRADED PRODUCTS

BARRONS.COM/DATA

Name	Tick Sym	Yld	Last	Chg.	Chg.	Div Amt.
DayHaganSmFx	SSFI	4.2	20.75	−0.13	-0.61	.1106
DayHaganSmIntl	SSXU	2.0	27.42	−0.32	-1.16	.5595
DefianceHotel	CRUZ	...	24.27	−0.34	+0.01	...
DefiSrael FixedIncm	CHAI	4.0	24.39	−0.17	-0.69	.1104
DefianceNextGen	FIVG	1.4	35.39	−2.20	-5.85	.0983
DefNextGenH2	HDRO	.3	4.72	−0.32	-6.35	.013
DefianceQuantum	QTUM	.8	55.23	−3.68	-6.25	.1012
DefR2000EnhOpt	IWMY	95.2	16.08	−0.19	-1.17	.07
DefS&P500EnhOpt	JEPY	48.7	15.52	−0.10	-0.64	.57
DefS&P500Target	SPYT	21.3	19.11	−0.49	-2.50	.34
DemocracyIntlFd	DMCY	3.0	24.61	−0.40	-1.60	.0908
DimenCalifMuniBd	DFCA	2.3	50.08	−0.11	-0.22	.0964
DimenCoreFxIncm	DFCF	4.6	40.97	−0.40	-.973	.1724
DimenEmgCore	DFAE	2.9	24.08	−0.43	-1.75	.2139
DimenEMCore2	DFEM	2.4	24.92	−0.41	-1.62	.0331
DimenEMHiProf	DEHP	2.8	24.04	−0.65	-2.63	.0352
DimenEMSus1	DFSE	2.1	31.29	−0.63	-2.32	.0724
DimenEMValue	DFEV	3.6	22.75	−0.21	-0.92	.0834
DimenGlbREst	DFGR	3.0	23.55	−0.65	-2.68	.0496
DimenGlbSust	DFSB	5.5	50.57	−0.55	-1.579	.5995
DimenInflatProt	DFIP	3.8	40.45	−0.31	-1.606	.3607
DimenIntlCore	DFAI	2.5	28.95	−0.42	-1.48	.7718
DimenIntlSus1	DFSI	2.6	22.09	−0.45	-1.92	.0382
DimenIntlValue	DFIV	3.6	35.90	−0.33	-1.20	.0859
DimenNatlMuniBd	DFNM	2.3	47.74	−0.12	-.0888	.0824
DimenShDurFix	DFSD	4.2	46.71	−0.21	-.1687	.1687
DimenUSCore	DFAU	1.2	34.53	−1.01	-3.77	.0771
DimenUSCoreEq1	DCOR	.7	55.37	−1.46	-3.82	.0424
DimenUSCoreEq2	DFAC	1.4	30.09	−0.74	-2.96	.0651
DimenUSEquity	DFUS	1.2	53.83	−1.70	-3.77	.1179
DimenUSHiProf	DUHP	1.4	29.72	−0.83	-2.93	.0766
DimenUSLCVal	DFLV	1.7	28.63	−0.18	-0.93	.0938
DimenUSLCVector	DFVX	1.1	59.80	−1.16	-3.92	.1407
DimenUSMktVal	DFUV	1.6	59.34	−0.32	-1.44	.1447
DimenUSRealEst	DFAR	3.3	20.53	−0.65	-2.33	.0238
DimenUSSCETF	DFAS	1.0	57.98	−1.00	-3.96	.0961
DimenUSSCValue	DFSV	1.3	28.18	−0.27	-0.95	.0549
DimenUSSus1	DFSU	1.3	52.26	−1.45	-4.02	.1054
DimenUSTargVal	DFAT	1.3	50.82	−0.61	-1.92	.1057
DimenUtShFix	DUSB	4.1	50.53	−0.16	-.1695	.94
DimenWorldEq	DFAW	1.2	56.05	−1.33	-3.95	.0957
DimenWorldexUS	DFAX	2.9	24.61	−0.37	-0.85	.0285
DimenAuspiceBroad	FCOM	1.0	29.45	−0.57	-2.25	.1108
DimenEM8020	DFEN	1.2	24.19	+0.12	-0.41	.0712
DimenBrazilBull2X	BRZU	4.6	76.80	−2.97	-.33	...
DimenCSIChinaInt	CWEB	3.4	28.06	−1.20	-.13	.1378
DimenCSI300ChABI2	CHAU	3.6	14.02	+0.78	-0.04	.0704
DirexCloudBl2	CLDL	...	9.10	−1.27	...	...
DirexConcQs5Br1	QQQD	...	26.02	+1.77	...	...
DirexConcQs5Bl2	QQQU	...	23.09	−4.04	...	...
DirexCnsDiscBl3	WANT	.8	27.59	−3.91	-.0954	...
DirexDJBear3X	WEBS	8.2	7.52	+1.08	-0.97	.0789
DirexDJBull3X	WEBL	2.0	27.55	−2.80	-0.01	.0001
DirexElc&Auto	EVAV	7.6	15.44	−2.62	-.1252	...
DirexEMBear3x	EDZ	4.3	11.60	+0.74	-.1808	...
DirexEM Bull3	EDC	4.5	27.07	−1.81	-.468	...
DirexEner Br2x	ERY	5.4	21.56	+0.57	-3.703	...
DirexEnerBull2x	ERX	1.2	31.16	−1.57	-.1654	...
DirexChinaBr3	YANG	3.5	11.67	−0.22	-.1403	...
DirexChinaBl3	YINN	4.0	18.77	+0.38	-.0489	...
DirexFTSEEurBl3x	EURL	2.9	22.93	−0.67	-.1272	...
DirexFinlBear3	FAZ	5.2	11.20	−0.21	-.1796	...
DirexFinlBull3	FAS	1.9	97.51	−3.67	-.1539	...
DirexGlbCleanBl2	KLNE	2.8	5.88	−0.50	-.0228	...
DirexGoldMinBr2	DUST	4.9	7.99	−0.18	-.1518	...
DirexGoldMinBl2	NUGT	1.8	39.51	+0.58	-.1985	...
DirexHlthcrBull3	CURE	1.9	103.33	−0.06	-.3326	...
DirexHmblrBull3	NAIL	1.2	39.70	−16.09	-.165	...
DirexIndiBear3	DUSL	7.7	48.77	+1.18	-.1959	...
DirexJrGoldMinBr2	JDST	6.0	4.11	−0.02	-.0898	...
DirexJrGoldMinBl2	JNUG	1.9	39.38	+0.33	-.3498	...
DirexMSCIEMxCn2	XXCH	.5	24.36	−1.49	-.0323	...
DirexIndiaBull2	INDL	2.4	32.26	−0.93	-.1592	...
DirexMexicoBl3	MEXX	2.1	28.51	−3.58	-.1052	...
DirexMcBull3	MIDU	1.3	44.82	−3.34	-.0499	...
DirexNyseFang+Bl	FNGG	1.1	100.10	−18.99	-.3912	...
DirexPharmBl3X	PILL	2.5	6.07	−0.52	-.0382	...
DirexRealEstBr3	DRV	2.4	35.49	+0.77	-.0998	...
DirexRealEstBl3	DRN	3.4	7.26	−0.88	-.0412	...
DirexRegBksBl3x	DPST	3.0	64.89	+2.89	-.5557	...
DirexRetailBull3	RETL	1.6	8.12	−0.29	-.0293	...
DirexRobAI2X	UBOT	1.0	20.14	−2.01	-.0674	...
DirexSOXSBear3X	SPXS	3.5	10.58	+0.32	-.0237	...
DirexS&P500Bull2X	SPUU	1.0	109.98	−7.22	-.3104	...
DirexS&PBiotBr3	LABD	4.1	10.80	+1.82	-.0664	...
DirexS&PBiotBl3	LABU	.7	86.05	−18.30	-.1606	...
DirexS&P500Br3	SPDN	6.4	12.92	+0.41	-.2117	...
DirexS&P500Bl3	SPUU	1.0	114.37	−6.62	-.3031	...
DirexHiBetaBear3X	HIBS	4.9	29.02	+3.12	-.3016	...
DirexHiBetaBull3X	HIBL	1.1	36.44	−4.45	-.114	...
DirexS&POilBr2	DRIP	5.4	8.86	+0.55	-.177	...
DirexS&POilBl2	GUSH	4.1	39.88	−2.67	-.2234	...
DirexSemiBr3x	SOXS	8.5	316.37	+16.37	-.4733	...
DirexSemiBl3	SOXL	.9	30.79	−10.72	-.0652	...
Direx7-10TreaBr3	TYO	4.0	15.24	+0.32	-.0794	...
Direx7-10TreaBull	TYD	3.0	23.78	−0.50	-.0273	...
DirexScBear3	TZA	4.0	21.72	+1.85	-.2356	...
DirexScBull3	TNA	1.5	22.72	−2.84	-.1194	...
DirexKRBull3	KORU	3.2	7.05	−0.49	-.0264	...
DirexTechBear3	TECS	5.9	9.70	+1.70	-.1227	...
DirexTechBull3	TECL	.4	62.35	−13.91	-.0709	...
DirexTransportBl3	TPOR	1.6	31.26	−2.82	-.124	...
DirexTreasBull3X	DFNL	1.4	31.17	−0.62	-.0231	...
DirexZ0+TreaBr3	TMV	3.4	39.74	+1.55	-.2699	...
DirexZ0+YrTrBull	TMF	3.9	45.51	−1.95	-.4973	...
DirexUtilBl3X	UTSL	2.7	22.28	+1.13	-.1473	...
DirexHCMTact	HCMT	1.1	27.31	−2.40	-.0523	...
DirexHydrogen	HJEN	2.5	22.09	−6.52	-.4733	...
DirexMoonInnov	MOON	2.2	8.90	−0.77	-.0347	...
DirexWorkFrHome	WFH	.8	52.33	−2.46	-.3404	...
DistillUSFundSt	DSTL	1.3	50.88	−0.54	-.154	...
DoubleLineCmcREIT	DCRE	4.7	51.10	+0.07	-.2319	...
DoubleCmdStrat	DCMT	...	26.43	−0.07	...	...
DoubleFort500EW	DFVE	...	25.96	−0.30	...	...
DoubleLineMtg	DMBS	4.0	47.26	−0.34	-.1569	...
DoubleLineOpp	DBND	4.9	44.66	−0.24	-.1861	...
DoubleLineShFil	CLGE	1.1	26.34	−0.57	-.0717	...
DriveWithNyse100	CETF	...	27.74	−0.60	...	...
DynShVolFut	WEIX	...	27.74	−0.60	...	...
EABridgeBlueChp	BBLU	1.6	11.12	−0.20	-.1743	...
EmgqEM Internet	EMQQ	.8	30.51	−0.51	-.2449	...
ETC6MeridHdg	SIXH	1.8	35.23	+0.11	-.0765	...
ETC6MeridLowBeta	SIXL	1.3	33.43	−0.74	-.0561	...
ETC6MeridMega	SIXA	1.8	39.80	−0.10	-.0942	...
ETC6MeridQuFgrw	SXQG	.0	26.46	−1.14	-.0051	...
ETC6MeridSC	SIXS	1.5	44.78	−0.10	-.0497	...
ETFBGreenSRI	RITA	3.7	17.64	−0.54	-.1155	...
ETRACSAlernMLPInfr	MLPB	6.2	23.44	+0.25	-.3583	...
ETRACSAlernMLPInfr	MLPB	6.2	23.44	+0.25	-.3583	...
EtracsAlerianMid	AMND	6.3	42.76	+0.50	-.6772	...
EtracsAlerMidstr	AMNA	5.5	41.24	−0.67	-.5744	...
EtracsAlerMid	AMTR	...	57.41	−0.14	...	...
ETRACSBrentETN	OILD	...	21.62	−0.18	...	...
ETRACSIFEDInvest	IFED	...	35.11	−1.92	...	...
EtracsMvBusDev	BDCZ	9.3	19.04	+0.28	-.4599	...
EtracsM1.5XLevCEF	CEFD	14.3	18.10	−0.50	-.2518	...
EtracsMI1.5XLevMtg	MVRL	20.5	16.05	−0.08	-.574	...
ETRACSMonthPayZx	SMHB	36.7	23.70	+0.03	-.1745	...
ETRACS2xLvHiDiv	HDL6	11.8	11.46	+0.28	-.1523	...
EtracsQ1.5XLevMV	BDCX	15.1	32.44	+0.71	-1.2785	...
EtracsQ1.5XLevAl	MLPR	9.6	55.68	+0.90	-1.3562	...
ETRACS2xLvgdFED	FEDL	...	39.91	−2.17	...	...
ETRACS2xLvgMSCIUS	EUSL	...	24.92	−2.53	...	...
Etracs2xLvUSMin	USML	...	32.50	−0.03	...	...
Etracs2xLvUSMun	MTUL	...	22.25	−2.83	...	...
Etracs2xLvUSQu	QULL	...	37.58	−2.87	...	...
Etracs2xLvUSDiv	SCDL	...	33.96	−0.15	...	...
Etracs2xLvUSEnv	IWFL	...	31.68	−3.47	...	...
Etracs2xLvUSSize	IWML	...	16.85	−1.09	...	...

Name	Tick Sym	Yld	Last	Chg.	Chg.	Div Amt.
Etracs2xLvUSVal	IWDL	...	33.46	−0.51	...	...
ETRACS2xM092548	PFOR	3.9	19.68	−0.29	-0.21	.1532
EtracsUBSBlg	UCIB	...	26.31	+0.01	...	...
ETRACSWhitUSCrit	WUCT	...	30.79	−1.08	...	...
EagleCapSelEq	EAGL	...	24.74	−0.36	...	...
EtnVncFR	EVLN	...	50.73	+0.05	...	...
EtnVncHY	EVHY	7.7	51.99	−0.22	...	.308
EtnVncIntrMuni	EVIM	4.4	52.11	+0.01	-0.17	.1743
EtnVncShDurMun	EVSM	...	51.61	+0.01	...	...
EtnVncUltShIncm	EVSB	6.1	50.53	+0.06	-0.25	.2357
EcofinGlbWater	EBLU	1.4	44.78	−0.22	-0.26	.2645
EnSelSectorSPDR	XLE	3.1	94.97	−1.16	-0.73	.7339
EuclideanFundVal	EUSA	.7	92.22	−0.60	-0.65	.2404
FIS CrstnSmSk	PRAY	.8	20.66	−0.16	-0.60	.2139
FIS KnightsofCol	KOCG	1.5	24.37	−0.64	-0.64	.3548
FMC Excelsior	FMCX	.4	27.29	−0.77	-0.32	.0505
FMQQ NextFront	FMQQ	.1	11.68	−0.24	-0.02	.0715
f/m10-YearIgCorpBd	FTEN	3.9	48.80	−0.44	-0.22	.2831
f/m3-YearIGCorpBd	ZTRE	3.9	49.52	−0.11	-0.02	.2904
f/m2-YearIGCorpBd	ZTWO	3.7	49.75	−0.07	-0.02	.1978
FT EnerIncm	EIPX	3.2	23.10	+0.01	-0.01	.1658
FT RJ Multi Grw	FLRG	...	20.50	−0.96	...	...
FairleadTactical	TACK	1.4	24.62	−0.07	-0.04	.0905
FedHermesShDur	FCSH	2.8	23.61	−0.04	-0.02	.0766
FedHermesShDur	FHYS	6.7	22.85	...	...	.1017
FedHermesUSStr	FDV	3.5	24.16	+0.22	-0.22	.0612
FidCorpBd	FCOR	3.9	45.28	−0.33	-0.33	.157
FidDivRising	FDRR	2.7	44.71	−0.31	-0.31	.292
FidEnhInt	FENI	2.0	27.19	−0.46	-0.46	.057
FidEnhLCCore	FELC	1.1	28.00	−0.83	-0.83	.071
FidEnhLCGrw	FELG	.8	27.84	−1.44	-0.29	.029
FidEnhLCValue	FELV	1.9	27.80	−0.23	-0.23	.085
FidEnhMC	FMDE	1.0	28.57	−0.83	-0.26	.026
FidEnhSC	FESM	.9	27.87	−0.87	-0.87	.029
FidHiDiv	FDVV	3.4	43.55	−0.61	-0.61	.372
FidHYFactor	FDHY	6.6	47.16	−0.24	-0.24	.265
FidIntHiDiv	FIDI	4.9	20.31	−0.20	-0.20	.233
FidIntValue	FIVA	3.0	24.62	−0.27	-0.27	.236
FidIGBd	FIGB	4.1	41.67	−0.27	-0.27	.157
FidIGSecur	FSEC	3.6	40.39	−1.14	-0.14	.121
FidLtdTermBd	FLTB	3.4	48.62	−0.16	-0.16	.162
FidLowVol	FDLO	1.4	53.80	−0.68	-0.28	.229
FidMBSEmerMkts	FMBS	4.5	49.24	−0.24	-0.24	.108
FidMSCICnDisc	FDIS	.8	75.80	−3.28	-.17	...
FidMSCICnStpl	FSTA	2.6	46.24	+0.62	-0.62	.279
FidMSCIEn	FENY	2.8	26.00	−0.33	-.174	...
FidMSCIFinls	FNCL	1.8	56.74	−0.39	-.261	...
FidMSCIHlthCr	FHLC	1.4	54.37	−0.39	-.238	...
FidMSCIIndls	FIDU	1.3	64.46	−1.46	-.187	...
FidMSCIIT	FTEC	.8	142.51	−10.58	-.236	...
FidMSCIMatls	FMAT	1.7	50.05	−0.58	-.207	...
FidRealEst	FREL	3.8	23.85	−0.79	-.25	...
FidSmCapVals	FUTY	3.2	63.05	−0.27	-.355	...
FidMomFactor	FDMO	.7	56.32	−2.60	-.191	...
FidQualFactor	FQAL	1.3	55.59	−1.72	-.159	...
FidSmallMid	FSMD	1.3	36.28	−0.63	-.126	...
FidSustCore	FSBD	4.5	45.56	−0.21	-.174	...
FidSustLC	FSTR	1.6	45.56	−0.61	-.236	...
FidSustLoDur	FSLD	5.1	50.10	−0.01	-.209	...
FidSustUS	FSST	.6	23.66	−0.68	-.032	...
FidTactBd	FTBD	5.1	47.77	−0.29	-.203	...
FidTotalBd	FBND	4.6	44.24	−0.28	-.172	...
FidUSMultifac	FLRG	1.2	28.51	−1.02	-.104	...
FidValFactor	FVAL	1.7	54.65	−0.74	-.249	...
FidWomen	FDWM	.8	21.08	−0.55	-.034	...
FieldUVAUnconMed	FFIU	3.6	21.22	−0.13	-.225	...
FirstSEAStrat	XLF	...	40.38	+0.32	...	...
FTAssetFactorLC	AFLG	1.2	29.66	−0.59	-.0225	...
FTActiveFactorMC	AFMC	.9	28.01	−0.59	-.0218	...
FTActiveFactorSC	AFSM	.9	27.22	−0.48	-.029	...
FT ActiveGlbQual	AGQI	.5	13.51	−0.12	-.0188	...
FT AlerDisr	DTRE	3.0	37.45	−1.83	-.0311	...
FT AlerDivGthSNext	FTRD	1.0	59.57	−1.97	-.1592	...
FT BbgEMDem	EMDM	2.3	21.89	−0.72	-.0156	...
FT Bbg Infltn	FTIF	1.8	23.44	−0.67	-.0732	...
FT CmclMtgOpp	CAAA	...	19.99	−0.21	...	...
FT CnsDscAlpDx	FXD	.6	59.43	−1.46	-.0959	...
FT CnsStaples	FXG	1.7	65.19	−0.97	-.0998	...
FT Core IG	FTCB	4.4	20.39	−0.13	-.075	...
FT DJ GlbSelDiv	FGD	6.1	21.97	+0.01	-.0179	...
FT DJ Internet	FDN	...	192.91	−10.48	...	...
FT DJ SelMicro	FDM	1.7	59.01	−0.68	-.056	...
FT Dow30EqIV	DIVO	4.9	32.19	−0.67	-.0757	...
FT EIP Carbon	ECLN	2.5	24.19	+0.32	-.1083	...
FT EM Human	FTHF	1.5	22.63	−0.82	-.0475	...
FT EnergyAlpDx	FXN	1.9	18.48	−0.50	-.0812	...
FT ExpTech	XPND	.1	24.59	−1.46	-.0061	...
FT FinlsAlpDx	FXO	2.0	21.52	−0.40	-.0754	...
FT GlbWlndEner	FAN	1.8	14.90	−2.22	-.0258	...
FT HlthCareAlpha	FXH	.3	101.96	−2.02	-.1062	...
FT HorizMgVolDev	HDMV	3.0	28.09	−0.08	-.0919	...
FT HorizMgVolDom	HUSV	1.5	34.31	+0.11	-.0634	...
FT HorizMgVolSM	HSMV	1.2	25.36	−0.07	-.0272	...
FT IndlsAlpDx	FXR	.7	68.27	−1.79	-.0722	...
FT IndxxAero	MISL	.7	26.32	+0.04	-.0385	...
FT InnovLdrs	ILDR	...	20.62	−1.25	...	...
FT InstPfdSecs	FPEI	5.7	18.00	−0.09	-.0802	...
FT InterDurHdgCp	FIHG	5.0	21.03	−0.03	-.075	...
FT IntermGovtOpp	MGOV	4.6	19.74	−0.04	-.0775	...
FT LtdDurIG	FSIG	4.7	18.62	−0.05	-.0725	...
FT LgDurOpps	LGOV	4.1	20.41	−0.24	-.07	...
FT Long/Short	FTLS	1.4	59.06	−1.58	-.1284	...
FT MLPEnrSvcs	FMLP	8.4	19.25	−0.25	-.2471	...
FT MatAlpDX	FXZ	1.9	68.10	−0.90	-.1934	...
FT MergerArb	MARB	2.3	19.56	−0.09	-.1481	...
FT MstarDiv	FDL	4.5	37.25	+0.41	-.332	...
FT Multi-MgrLG	MMLG	...	25.58	−1.56	...	...
FT MultiSectorSC	IMSC	...	25.03	−0.68	...	...
FT MultiAlt	LALT	2.3	20.60	−0.08	-.3891	...
FT NaturalGas	FCG	2.3	27.28	−0.58	-.0548	...
FT NY Muni	FMNY	3.4	26.82	+0.12	-.0775	...
FT NA EnergyInfra	EMLP	3.7	29.21	+0.33	-.2636	...
FT NxgsArcaBio	FBT	...	146.63	−1.46	...	...
FT PfdSecs	FPE	5.9	17.03	−0.10	-.0886	...
FT S&P500DivFr	FCFY	1.4	22.03	−0.34	-.0656	...
FT S-NetStream	BNGE	.8	23.16	−1.10	-.1496	...
FT StoxxEurSel	FDD	7.1	11.73	+0.01	-.0432	...
FT ShDurMuIncm	FSMB	2.5	20.03	−0.03	-.046	...
FT SkyBrdgCrypto	CRPT	...	11.18	−0.68	...	...
FT S&P REIT	FRI	3.0	23.96	−0.74	-.0975	...
FT StrCredIncm	SCIO	...	20.17	−0.02	...	...
FT TCW EM Debt	EFIX	6.4	15.89	−0.19	-.085	...
FT TCW EMCore	EMCR	5.2	21.37	−0.13	-.0975	...
FT TCW UnPfBd	UCON	5.0	24.25	−0.09	-.10	...
FT TechAlphaDEX	FXL	.4	122.54	−7.23	-.3733	...
FT USEquityOpp	FPX	.1	95.70	−4.96	-.0108	...
FT UltShDurMuni	FUMB	2.4	20.05	−0.01	-.044	...
FT UltraAlpha	UAPR	1.2	27.50	−0.06	-.0802	...
FT VaLineDiv	FVD	2.3	40.53	+0.16	-.1887	...
FT Water	FIW	.7	97.45	−0.94	-.0797	...
FlexShSelBdFd	BNDC	3.5	21.50	−0.14	-.0665	...
FlexShDevMkxUSQu	GLDY	3.2	25.67	−0.18	-.0278	...
FlexShDevMktxUS	HSUP	1.4	27.67	−0.18	-.0556	...
FlexSheSG&Climat	FEDM	2.6	47.82	−0.63	-.1192	...
FlexSheSG&Climlt	FEEM	.0	45.36	−1.18	-.4778	...
FlexESG&ClimtIG	FEIG	4.5	39.94	−0.35	-.1629	...
FlexSheSGCmUsLoc	FEUS	1.4	55.80	−2.58	-.1422	...
FlexSHEMQualLo	QLVE	2.7	23.51	−0.30	-.0856	...
FlexGlbQualRlEst	GQRE	2.8	52.87	−1.48	-.0531	...
FlexGlbUpNatRsc	GUNR	3.5	41.48	−0.04	-.1589	...
FlexShHYVal	HYGV	9.0	40.04	−0.29	-.3101	...
FlexShIBoxx5YTIPS	TDTF	4.1	23.23	−0.07	-.1215	...
FlexIBx5YDurTIPS	TDTT	4.1	23.52	−0.02	-.1228	...
FlexShIntQualDiv	IQDE	5.3	20.92	−0.18	-.3723	...
FlexShIntQuDivDyn	IQDY	6.3	27.79	−0.42	-.8117	...
FlexShIntlQualDiv	IQDF	5.8	23.55	−0.19	-.5719	...
FlexShIMDevMktxUS	HDMV	2.3	27.45	−0.31	-.0856	...
FlexShEMFactTilt	TLTE	4.1	50.37	−0.27	-.1324	...
FlexShQualDivDef	QDEF	4.1	60.83	−1.08	-.1832	...

Name	Tick Sym	Yld	Last	Chg.	Chg.	Div Amt.
FlexShQualityDiv	QDF	2.1	62.12	−1.53	-.1939	...
FlexShSTOXXGlb	NFRA	2.6	52.12	−0.16	-.1324	...
FlexShUSQualLo	QLV	.7	86.24	−0.61	-.1698	...
FlexShUltSh	RAVI	4.9	75.32	+0.06	-.3381	...
FolioBeyondAlpt	RISR	7.2	34.49	+0.65	-.18	...
Formidable	FORH	3.9	22.39	−0.65	-.8658	...
FormidableFort	FORM	...	26.52	−0.30	-.1817	...
FrankDynMuniBd	FLMI	2.8	24.20	+0.01	-.0745	...
FrankEMCorDiv	DIEM	5.6	24.96	−0.43	-.0294	...
FrankFTSEAsiaxJpn	FLAX	2.2	21.08	−0.40	-.2911	...
FrankFTSEAustral	FLAU	3.8	27.38	−0.63	-.5504	...
FrankFTSEBrazil	FLBR	10.0	18.55	−0.33	-.7172	...
FrankFTSECanada	FLCA	2.5	33.66	+0.05	-.2402	...
FrankFTSEChina	FLCH	3.6	19.64	−0.03	-.3691	...
FrankFTSEEurope	FLEE	2.5	28.54	−0.20	-.1879	...
FrankFTSEEZ	FLEU	3.0	24.92	−0.09	-.438	...
FrankFTSEGermany	FLGR	2.9	23.60	−0.12	-.2632	...
FrankFTSEHK	FLHK	6.3	16.53	−0.09	-.6219	...
FrankFTSEIndia	FLIN	.7	36.87	−0.11	-.2504	...
FrankFTSEJapan	FLJP	2.9	29.02	−1.08	-.4778	...
FrankFTSEJpnHdg	FLJH	7.7	30.18	−0.84	-6.3826	...
FrankFTSELatAm	FLLA	6.0	22.37	−0.53	-.8173	...
FrankFTSEMexico	FLMX	3.0	43.09	−1.17	-2.6289	...
FrankFTSESaudiAr	FLSA	3.0	37.38	−0.38	-.6388	...
FrankFTSESKorea	FLKR	2.4	21.37	−0.32	-.3506	...
FrankFTSESwitz	FLSW	2.5	31.52	+0.08	-.0468	...
FrankFTSETaiwan	FLTW	2.9	41.02	−2.26	-1.0129	...
FrankFTSEUK	FLGB	3.9	25.51	−0.12	-.5135	...
FrankFuncIncm	INCM	4.9	25.24	−0.31	-.1217	...
FrankIntlCore	DIVI	3.1	30.71	−0.48	-.1856	...
FrankIgCp	FLCO	4.5	20.71	−0.20	-.1232	...
FrankMuniGreen	FLMB	3.6	23.73	+0.04	-.0687	...
FrankRespGold	FGDL	...	18.82	+0.58	...	...
FrankShUltSGov	FTSD	4.5	89.67	+0.02	-.3405	...
FrankSysStyle	FLSP	1.1	23.70	−0.11	-.2569	...
FrankUSCoreBd	FLCB	3.7	20.77	−0.15	-.0647	...
FrankUSCoreDiv	UDIV	2.2	38.16	−1.16	-.1223	...
FrankUSEquity	USPX	1.0	43.09	−1.97	-.2396	...
FrankUSLowVol	FLLV	1.8	51.94	−0.35	-.1574	...
FrankUSTreaBd	FLGV	3.7	19.99	−0.10	-.0653	...
FrankUltShBd	FLUD	4.8	24.83	−0.03	-.0879	...
FreedomDayDiv	MBOX	1.8	30.42	−0.25	-.0325	...
FundXAggressive	AGGY	4.8	42.42	−0.52	-.6935	...
FundXConservative	XRLX	1.6	38.55	−1.20	-.6353	...
FundXETF	XCOR	.9	57.47	−3.05	-.5269	...
FundXFlexible	XFLX	4.1	23.84	−0.24	-.9754	...
FutureFdActive	FFND	...	21.12	−1.07	...	...
GuteFd/MLP	FTLS	.5	22.10	−0.48	...	...
GGM Macro	GGM	.7	26.02	−0.63	-.1313	...
GMO US Quality	QLTY	.6	28.46	−0.59	-.0456	...
GabelliAuto	GAST	.8	24.99	−0.72	-.2055	...
GabelliCmlAerosp	GCAD	...	29.52	−0.28	...	...
GabelliFinSvcs	GABF	...	35.85	−0.05	...	...
GabelliGrwInn	GGRW	...	33.79	−1.47	...	...
GabelliLovePlanet	LOPP	...	25.46	−0.38	...	...
GlbXAdaptiveUS	AUSF	1.8	39.26	+0.24	-.18	...
GlbXAdaptUSRisk	ONOF	1.3	30.98	−0.96	-.2226	...
GlbXBitcoinTrend	BITS	...	31.40	−2.26	...	...
GlbXBrazilActive	BRAZ	...	25.32	−0.77	...	...
GlbXCopperMiners	COPX	1.9	45.98	+0.50	-.3907	...
GlbXDefenseTech	SHLD	...	32.13	−0.23

DATA

EXCHANGE-TRADED PRODUCTS

BARRONS.COM/DATA

Name	Tick Sym	Yld	Last	Chg.	Chg.	Div Amt.
JanusHenUSRIEst	JRE	3.1	20.62	-0.91	-0.0516	
JanusUSSust	SSPX	.4	24.73	-0.98	-0.0234	
HancockCorpBd	JHCB	4.6	20.68	-0.16	-0.0756	
HancockDiscVal	JDVL		25.86	-0.37		
HancockDynMuni	JHMU	3.3	22.83	-0.03	-0.0787	
HancockFundAC	JHAC	...	12.18	-0.41		
HancockIntlHiDiv	JHID	4.6	28.85	-0.65	-0.2887	
HancockMtgBkd	JHMB	4.5	21.06	-0.14	-0.0839	
HancockDevIntl	JHMD	3.0	32.96	-0.46	-0.3152	
HancockMultiEM	JHEM	2.9	25.15	-0.40	-0.3923	
HancockLC	JHML	1.3	61.15	-1.57	-0.4683	
HancockMC	JHMM	1.2	53.58	-1.18	-.371	
HancockMultiSC	JHSC	1.0	35.83	-0.68	-0.2163	
HancockPfdIncm	JHPI	6.2	20.00	-0.14	-.1123	
HancockUSHiDiv	JHDV	2.2	30.95	-0.80	-0.1233	
JPMActiveChina	JCHI	2.1	39.01	+0.40	.8333	
JPMActiveGrw	JGRO	.2	65.60	-3.98	.0969	
JPMActiveSCValue	JPSV	1.1	53.18	-0.31	.5906	
JPMActiveValue	JAVA	1.6	57.32	-0.16	.3011	
JPMBetaUSAggBd	BBAG	3.1	44.65	-0.26	.1581	
JPMBetaUSDIGCpBd	BBCB	4.1	44.15	-0.37	.2349	
JPMBeta US MC	BBMC	1.3	85.26	-2.44	.4234	
JPMBeta US SC	BBSC	1.8	57.85	-1.44	.3583	
JPMCarbonUS	JCTR	1.8	66.93	-2.19	.6841	
JPMClimtheSolns	JPSN	1.1	41.88	-0.76	.454	
JPM DivRetEM	JPEM	4.4	53.58	-0.20	.7466	
JPM DivRetIntlEq	JPIN	6.0	54.11	-0.66	1.3931	
JPM DivRetUS Eq	JPUS	2.2	106.35	-0.92	.801	
JPM Div US MC	JPME	1.8	93.29	-1.31	.6631	
JPM Div US SC	JPSE	1.9	42.35	-0.55	.3226	
JPM EqPrem	JEPI	7.7	55.45	-0.75	.3452	
JPMHdgEqLad	HELO	.6	54.33	1.08	.1029	
JPM HY Muni	JMHI	4.9	49.27	-0.09	.1919	
JPM Income	JPIE	6.0	44.96	-0.05	.2361	
JPM IntlGrwth	JIG	1.7	59.43	-1.33	.9843	
JPM IntlResearch	JIRE	2.7	59.87	-0.81	1.5991	
JPM MktExpEnh	JMEE	1.2	54.57	-1.15	.6697	
JPMRealtyInc	JPRE	3.3	40.69	-1.19	.3924	
JPMShDurCore	JSCP	4.3	45.93	-0.09	.1627	
JPMSustMuniIncm	JMSI	3.6	49.87	-0.09	.1536	
JPMUSDEMSovBd	JPMB	6.1	38.14	-0.29	.2397	
JPM US Moment	JMOM	1.0	49.47	-1.76	.0493	
JPM USQualFactor	JQUA	1.2	49.78	-1.35	.1928	
JPM US Value	JVAL	2.4	39.22	-0.67	.3287	
JPMUSUltShIncm	JPST	5.0	50.54	+0.04	.214	
KFA MtLucasFut	KMLM	...	31.10	+1.22	...	
KingsbarnDivOpp	DVDN	9.4	28.33	+0.22	.5207	
KingsbarnTactBd	KDRN	2.7	22.81	-0.01	.0261	
KnowldgLdrDevWld	KLDW	1.3	42.33	-1.11	.559	
KovitzCoreEquity	KVTY	1.2	23.62	-0.42	.0512	
KraneAPHIncm	KHYB	15.1	24.05	-0.01	.1607	
KraneBoseraCnA50	KBA	2.2	21.56	+0.57	.4849	
KraneCICCCn5GSem	KFVG	.3	14.12	-0.17	.0389	
KraneCSICnInt	KWEB	1.8	25.51	-0.57	.4193	
KraneCaliCarbon	KCCA	3.2	28.99	-0.21	.7359	
KraneChinaInvest	KLIP	61.0	14.53	-0.10	.6119	
KraneDynEMStrat	KEM	...	24.39	-0.08		
KraneElcVehicle	KARS	1.1	21.04	-0.53	.2256	
KraneElecMtls	KMET	101.9	14.68	+0.69	7.4815	
KraneEMCnsTech	KEMQ	.3	14.01	-0.36	.0422	
KraneEuroCarbon	KEUA	2.4	22.07	-0.07	1.5435	
KraneGlbCarbon	KRBN	8.6	32.30	-0.86	1.1301	
KraneGlbLuxury	KLXY	.1	25.06	+0.10	.0371	
KraneHSTech	KTEC	.9	10.30	-0.26	.093	
KraneChinaHlthCr	KURE	.8	13.84	-0.05	.1128	
KraneAIChina	KAIL	3.4	18.05	+0.57	6.0144	
KraneMSCICnClean	KGRN	.9	19.53	-0.30	.1711	
KraneEMxChina	KEMX	2.0	27.77	-1.12	.5691	
KraneShEbt1Rd	OBOR	3.2	21.30	+0.21	.688	
Krane90sKWEBJan26	KBUF	...	25.48	-0.18	...	
Krane100sKWEBJan26	KWBO	...	25.48	-0.18	...	
KraneRockOcean	KSEA	.1	25.66	-0.70	.0353	
Krane$&PPanAsia	KSTR	3.5	26.09	-0.57	2.3949	
KraneSSEStr50	KVLE	2.7	22.91	-0.40	.1598	
KraneVallineDyn	LQAI	.7	27.08	-1.41	.0502	
LG ORAFY All	LGHT	.9	8.98	-0.27	...	
LangarGlbHealth	LEADER	.7	32.54	-0.53	.395	
LeaderActivLdrs	LSAT	1.7	36.49	-0.34	.6377	
LeaderAlphaFactor	LSAF	.8	36.44	-0.96	.2908	
LeaderDynYld	LYLD	3.2	25.07	-0.10	.6931	
LeaderShEqSkew	SQEW	1.2	30.73	-0.68	.3678	
Leatherback/LS	LBAY	3.4	26.55	+0.27	.076	
LeutholdCore	LCR	1.6	32.53	-0.53	.5135	
LoganCapBrdInn	LCLG	.0	42.31	-2.09	.3908	
MAXAirlines-2X	JETD	.2	19.19	-0.62	...	
MAXAirlines3XLyd	JETU	.1	20.92	+1.35	...	
MAXAutoInd-3xInv	CARD	.1	19.57	+1.55	...	
MAXAutoInd3xLyd	CARU	.1	15.87	-1.54	...	
MAXS&P500 4X	XXXX	.1	30.65	-4.36	...	
MUSQGlbMusic	MUSQ	.8	24.24	-0.53	.1867	
MidEnerTransition	PWER	.8	28.72	-0.62	.0256	
MqGlbListedInfr	BILD	1.7	24.54	+0.03	.0785	
MqTax-FrUSAShTrm	STAX	3.1	25.12	+0.01	.0686	
MadisonAggBd	MAGG	4.7	19.92	-0.13	.08	
MadisonCvrCall	CVRD	10.2	19.19	-0.23	.3042	
MadisonDivVal	DIVL	2.5	19.99	-0.07	.0457	
MadisonShStrat	MSTI	4.8	20.20	-0.05	.0853	
MastGlbBattery	EV	...	23.41	-0.37	...	
MatlsSelSector	XLB	1.9	88.96	-0.96	.3249	
MatthewsAsiaDiv	JETD	.2	30.77	-0.78	.1422	
MatthewsAsiaSm	MINV	1.1	24.27	-0.82	.2335	
MatthewsCnActive	MCH	1.7	18.37	+0.01	.3077	
MatthewsEMEqu	MEM	...	28.18	-0.67	...	
MatthewsEMxCn	MEMX	1.1	27.68	-0.89	.3132	
MatthewsEMSusFut	EMSF	.0	24.70	-0.98	.0057	
MatthewsIndia	INDE	.2	28.72	-0.62	...	
MatthewsJapan	JPAN	.5	28.28	-1.38	.1345	
MatthewsKorea	MKOR	.4	24.92	-0.19	...	
MatthewsPacTiger	ASIA	.1	24.17	-0.66	.03	
MeetKevinPricing	PP	.0	24.71	-1.54	.0065	
MicroEcn3XInv	WTID	...	13.29	+1.26	...	
MicroEnergy3XLyd	WTIU	...	23.60	-1.52	...	
MicroFang-3xInv	BERZ	...	33.94	+7.06	...	
MicroFang3xLyg	BULZ	...	102.08	-28.91	...	
MicroFANG+ETN	FNGS	...	40.13	-3.71	...	
MicroFANG+3XInv	FNGD	...	45.19	+9.09	...	
MicroFang+3x	FNGU	...	257.95	-78.78	...	
MicroSectFANG+2X	FNGO	.0	50.23	-9.77	...	
MicroGold3XInvr	GDXD	...	2.61	-0.06	...	
MicroGold3xLyd	GDXU	...	38.03	+0.51	...	
MicroGold-3Inv	DUST	...	11.71	-0.23	...	
MicroGold3XLyd	SHNY	...	39.20	+1.88	...	
MicroOil&Gas-3	OILD	...	13.94	+0.63	...	
MicroOil&Gas3x	OILU	...	47.10	-2.33	...	
MicroTrav-3xILv	FLYD	...	28.49	+1.61	...	
MicroTrav3xLv	FLYU	...	44.26	-2.86	...	
MicroUSBigBk3X	BNKD	...	5.05	-0.35	...	
MicroUSBigBk3X	BNKU	...	27.30	+1.53	...	
MicrUSBigOil3InLv	NRGD	...	142.71	+9.50	...	
MicrUSBigOil3Lev	NRGU	...	619.08	-44.60	...	
MillerValuePtrs	MVPA	...	30.09	-0.60	...	
MillerValuePtrs	MVPL	...	23.81	-1.55	...	
MotleyFoolCap100	TMFE	...	21.93	-0.87	...	
MotleyFoolNext	TMFX	...	16.15	-0.64	...	
NeosEnhInAggBd	BNDI	5.5	46.26	-0.36	.2074	
NeosEnhIncmT-3M	CSHI	6.7	49.98	+0.03	.2699	
NationwideH100Risk	NUSI	5.1	22.52	-0.94	.1528	
NatixisQuInc	GQI	6.8	50.76	-1.82	.3246	
NatixisLoomisFoc	LSGR	.0	29.57	-1.88	.0085	
NatixisShrtDur	LSST	4.1	23.80	-0.01	.1038	
NatixisVaughanMC	VNMC	1.1	33.95	-1.18	.0051	
NatixisVaughanNel	VNSE	.3	31.18	-1.06	.0016	
NETLeaseCpRlEst	NETL	5.1	22.45	-0.26	.10	
NeubergerCarbon	NBCT	1.2	25.98	-0.20	.3058	
NeubergerBermCn	NBCE	...	23.74	-0.44	...	
NeubergerCmdStr	NBCM	4.0	22.39	+0.10	.9043	
NeubergerDisr	NBDS	...	26.42	-1.73	...	

Name	Tick Sym	Yld	Last	Chg.	Chg.	Div Amt.
NeubergerBermGlbRE	NBGR	1.5	25.02	-0.53	.1829	
NeubergerNxtGen	NBCC	.6	21.74	-0.44	.1259	
NeubergerOptStr	NBOS	4.6	25.24	-0.52	.2926	
NeubergerBermSMC	NBSM	...	23.94	-0.59	...	
NewdayOceanHlth	AHOY	.5	22.71	-0.05	.102	
NicholasFixIncmAlt	FIAX	6.5	19.05	-0.19	.1729	
NiftyIndiaFinls	INDF	2.8	35.27	-0.28	3.0924	
NorthShoreEq	KOOL	...	9.51	-0.30	...	
NuvDivGrowth	NUDV	1.9	28.23	+0.04	.0757	
NuvESGHYCorpBd	HYXE	7.0	20.54	-0.16	.1056	
NuvESGI-5YUS	NUSA	3.9	22.64	-0.06	.0697	
NuvESGUSAggBd	NUBD	3.2	21.41	-0.14	.0592	
NuvEnhYdUSAgg	NUAG	4.3	20.36	-0.14	.0697	
NuvGrowthOpps	NUGO	.2	27.51	-1.65	.0348	
NuvSCSelect	NSCS	.1	25.08	-0.83	.2206	
NuvWinLCGrw	NWLG	.0	27.61	-1.59	.004	
ObraHiGrdStrPdts	OGSP	...	10.03	...	...	
ObraOppStrPdts	OOSP	...	10.05	+0.01	...	
OneAscentCare	OACP	4.0	22.21	-0.14	.0794	
OneAscentEM	OAEM	.7	28.40	-1.30	.4784	
OneAscentIntl	OAIM	1.7	31.11	-0.69	.5907	
OneAscentLCCore	OALC	.4	25.74	-0.75	.10	
OpalDivIncm	DIVZ	3.2	28.86	-0.13	.1514	
OppTrader	WZRD	...	25.43	+0.36	...	
OpticaRareEarth	CRIT	.6	19.36	-0.41	.5117	
OverlayCoreBd	OVFB	5.5	19.80	-0.40	.2845	
OverlayFgnEqu	OVF	5.2	23.18	-0.70	.124	
OverlayHdgLC	OVLH	.8	30.07	-0.62	.2404	
OverlayLC	OVLC	3.2	39.10	-0.74	.3029	
OverlayMuniBd	OVM	4.8	21.64	-0.31	.1259	
OverlayShTermBd	OVT	5.6	21.39	-0.34	.352	
OverlaySCGrw	OVS	3.4	31.15	-0.83	.2656	
PGIM AAA CLO	PAAA	6.6	50.90	+0.05	.2658	
PGIM AggBd	PAB	4.0	50.80	-0.08	.1404	
PGIMActHYBd	PHYL	8.0	34.03	-0.25	.223	
PGIM FR Incm	PFRL	10.0	50.44	-0.19	.3518	
PGIMJennisFocGrw	PJFG	...	76.33	-4.64	...	
PGIMJennFocVal	PJFV	1.1	62.50	-2.61	.6871	
PGIMJnstIntlOpps	PJIO	...	51.47	-1.70	...	
PGIMTRBd	PTRB	4.9	40.46	-0.29	.1606	
PGIMUltraShBd	PULS	5.7	49.62	+0.04	.2443	
Pimco25+YrZC	ZROZ	4.2	71.66	-1.59	.77	
PimcoBrdUSTips	TIPZ	4.7	52.21	-0.21	.33	
PimcoCmdtyAMat	COMT	6.3	27.48	-0.37	.27	
PimcoEnhLowDur	LDUR	4.5	94.20	-0.08	.38	
PimcoEnhShMatESG	EMNT	4.6	98.49	+0.11	.42	
PimcoEnhShMat	MINT	4.7	100.45	+0.08	.445	
PimcoIntlHdgUSTips	LTPZ	4.1	52.76	-0.54	.28	
PimcoIntrmMuniBd	MUNI	3.2	51.83	-0.04	.154	
PimcoLowDurCpBd	CORP	4.3	93.43	-0.68	.37	
PimcoMultiBd	PYLD	5.0	25.17	-0.18	.117	
PimcoMuniIncm	MINO	3.8	45.13	+0.02	.142	
PimcoIntlHdgUSTips	STPZ	1.6	51.28	-0.01	.10	
PimcoMtgBkd	MTBA	4.6	48.41	-0.46	.23	
PimcoDynMultiREM	MFEM	4.2	18.96	-0.18	.14	
PimcoDynMultIn	MFDX	2.9	29.28	-0.40	.13	
PimcoDynMultUS	MFUS	1.7	44.23	-1.06	.16	
PimcoRafiESG	RAFE	1.8	33.28	-0.45	.17	
PimcoRAFIDynAct	RAFA	2.1	31.01	-0.14	.064	
PimcoShtTmMuni	SMMU	2.9	49.77	+0.03	.128	
PimcoUltShGovt	BILZ	4.1	101.01	+0.10	.434	
PimcoUS-5YHyCpBd	HYS	6.8	91.74	-0.31	.57	
PMVAdaptRisk	ARP	2.5	26.55	-0.40	.6715	
PacerAmEnInd	USAI	4.4	34.50	-1.83	.3462	
PacerBalCashFltLeas	INDS	4.4	39.50	-1.83	.6045	
PacerCFRAStovallI	SZNE	1.2	36.77	-1.01	.0756	
PacerFTSECnA50	AFTY	2.1	14.11	+0.48	.3016	
PacerData&DigiRev	TRFK	.2	38.34	-3.04	.0283	
PacerDevMktCash	SPYB	4.2	26.00	+0.01	.0886	
PacerDevMktCash	EAFG	...	18.69	-0.61	...	
PacerIndls&Log	SHPP	2.8	26.36	-0.54	.1904	
PacerLuntLCAlt	PALC	.7	44.10	-1.29	.0757	
PacerLuntLCMult	PALC	.7	44.10	-1.29	.0757	
PacerMultiCashMult	QDPL	6.1	33.97	-1.01	.5094	
PacerPacAssetFR	FLRT	8.4	47.73	+0.04	.2995	
PacerTrendFd	TREND	2.5	30.16	-0.66	.7454	
PacerTrendpilot	PTIN	2.1	27.70	-0.48	.5766	
PacerTrendUSBd	PTBD	3.8	19.88	-0.02	.1115	
PacerUSCashCows	BUL	1.6	39.67	-1.62	.1605	
PacerUSExportLeaD	PEXL	.5	46.17	-1.56	.0539	
PanagramAAACLO	CLOX	6.0	25.42	+0.02	.1459	
Panag BBB-B CLO	CLOZ	9.4	26.78	+0.05	.2149	
ParametricPrem	PREMQ	2.0	26.18	-0.05	.1804	
ParametricHdgEq	PHEQ	11.2	26.60	-0.36	.4493	
PinnacleFocOpps	FCUS	...	24.86	-2.07	...	
PlanRockAltGrw	PRAE	...	31.24	-1.22	...	
PlanRockMktNeut	PRMN	.7	29.88	+0.27	.0496	
PolenCapGrw	PCCE	...	9.26	-0.14	...	
PolenCapGlbGrw	PCGG	...	10.65	-0.32	...	
PolenCapIntlGrw	PCIG	...	9.26	-0.14	...	
PrincipalActHY	YLD	6.7	18.77	-0.11	.1106	
PrincInvGrdCp	IG	4.8	20.01	-0.19	.0858	
PrincInvPfdSec	BYRE	7.7	24.63	-0.19	.1222	
PrincipalSpectPfd	PREF	4.6	17.85	-0.11	.0704	
PrincipalTaxAdv	PQDI	5.2	18.33	-0.10	.0761	
PrinShBigDataRef	DATA	...	33.10	-2.48	...	
PrinShBitcoinEW	BETE	12.7	74.43	-2.93	2.1300	
PrinShBitcoinEther	BETH	14.6	27.45	-0.36	2.4619	
PrinShBitcoin	BITO	16.4	28.10	-1.18	1.1484	
PrinShDJBrkGlIn	TOLZ	3.3	44.24	+0.18	.2126	
PrinShDecRetail	EMTY	4.6	14.89	+0.12	.1663	
PrinShEther	ETHE	8.0	68.31	-2.38	1.4825	
PrinShEthPlc	MDG	2.2	31.23	-0.64	.2344	
PrinShInflationExp	RINF	4.9	33.13	+0.22	.3164	
PrinShLgOnline	CLIX	.4	40.17	-1.36	.153	
PrinShMSCITransform	ANEW	.7	38.76	-1.50	.0119	
PrinShMetaverse	VERS	.7	37.66	-2.19	.0389	
PrinShMuniHiDef	TINY	.3	44.63	-1.12	.0209	
PrinShOnDemand	OND	...	26.17	-1.53	...	
PrinShOnIRetail	ONLN	.1	37.04	-2.29	.0453	
PrinShS&P500Bd	SPXB	.0	73.02	-0.68	.2961	
PrinShS&P500xEner	SPXE	1.3	52.92	-1.68	.1384	
PrinShS&P500Fncls	SPXN	1.1	53.36	-2.56	.1415	
PrinShS&P500xHlth	SPXV	1.2	52.65	-1.86	.1465	
PrinShS&P500xTech	SPXT	1.5	81.02	-0.98	.2563	
PrinShSPGlbCoreBatt	LITP	1.4	23.06	-0.17	.0895	
PrinShS&PKenCln	CTEX	.2	19.90	-1.57	.009	
PrinShS&PKenSmF	MAKX	.6	24.29	-1.10	.0188	
PrinShBitcoin	BITI	5.7	8.05	+0.29	.015	
PrinShShtDow30	DOG	4.9	29.77	+0.03	.3158	
PrinShShEther	SETH	2.8	21.23	+0.73	.0308	
PrinShXinhua25	YXI	2.8	18.90	-0.11	.1081	
PrinShYieldFinls	SEF	4.7	10.68	-0.20	.1411	
PrinShortHY	SJB	4.4	17.45	-0.03	.1655	
PrinShMSCIEAFE	EFZ	2.4	17.19	+0.28	.1355	
PrinShtMSCIEM	EUM	3.8	14.49	+0.31	.118	
PrinShtMC400	MYY	5.2	21.19	+0.49	.1601	
PrinShtQQQ	PSQ	6.3	13.36	+2.96	.5405	
PrinShtRE	REK	4.3	20.42	+0.76	.1917	
PrinShRuss2000	RWM	5.1	21.93	+0.64	.2585	
PrinShrt&P500	SH	5.7	12.59	+0.40	.1418	
PrinSh7-10YrTr	TBX	4.2	30.26	+0.23	.2107	
PrinShSTBd	SBB	4.7	25.11	-0.01	.1131	
PrinSh20+Tr	TBF	4.3	24.63	+0.34	.1726	
PrinShSmMatls	TINT	.9	31.77	-0.59	.0134	
PrinShSupChain	SUPL	4.9	38.45	-1.06	.0456	
PrinShUltBitcoin	BITU	...	33.25	-2.95	...	
PrinShUltChinCrude	UCO	...	37.49	-1.76	...	
PrinShUltShtBgNtGas	BOIL	...	13.54	-0.47	...	
PrinShUltShtCommSvcs	LTL	.2	59.34	-2.94	.0495	
PrinShUltShtCnsmDisc	UCC	.2	31.58	-2.85	.0192	
PrinShUltShtCnsStp	UGE	.8	16.63	+0.44	.039	
PrinShUltShtDow30	DDM	.6	79.07	+0.07	.2453	
PrinShUltShtEnergy	DIG	1.0	46.18	-1.23	.2761	
PrinShUltShtEuro	ULE	...	11.06	+0.04	...	
PrinShUltShtFTSEEur	UPV	1.8	57.91	-0.79	.216	
PrinShXinhua25	XPP	3.2	12.97	-0.02	.0465	
PrinShUltFinls	UYG	.6	62.44	+0.97	.0386	

Name	Tick Sym	Yld	Last	Chg.	Chg.	Div Amt.
ProShUltraGold	UGL	...	82.96	+2.89	...	
ProShUltHlthCr	RXD	1.8	93.22	-0.03	.1721	
ProShUltraHY	UJB	2.3	66.18	+0.22	.4157	
ProShUltInds	UXI	1.0	81.55	-1.32	.0145	
ProShUltBrazil	UBR	2.2	25.20	-1.02	.1640	
ProShUltMSCIEAFE	EFO	2.1	42.28	-1.48	.1577	
ProShUltMSCIEM	EET	2.7	47.72	-2.08	.31	
ProShUltraJapan	EZJ	1.1	37.85	-3.20	.0534	
ProShUltMatls	UYM	.4	26.37	-0.70	.0304	
ProShUltMC400	MVV	.6	90.00	-0.47	.0329	
ProShUltraQQQ	QLD	.2	75.88	-9.07	.0554	
ProShUltRE	URE	1.8	50.11	-3.91	.041	
ProShUltRus2000	UWM	.6	34.19	-2.09	.0607	
ProShUltraS&P	SSO	.4	69.11	-4.55	.1777	
ProShUltSemi	USD	.0	28.32	-19.81	.1269	
ProShUlt7-10Trs	UST	4.5	40.65	-0.68	.4261	
ProShUltSilver	AGQ	...	37.88	+1.64	...	
ProShUltSC600	SAA	1.2	21.97	-0.59	.044	
ProShUltTech	ROM	.0	51.50	-7.29	.0107	
ProShUltT20YrTr	UBT	4.5	19.57	-0.51	.1497	
ProShUltraUtil	UPW	2.1	55.40	+1.90	.2548	
ProShUltraYen	YCL	...	22.27	-0.53	...	
ProShUltDow30	UDOW	.9	73.53	-0.14	.1314	
ProShUltMC400	UMDD	.2	22.56	-0.25	.0099	
ProShUltRus2000	URTY	1.0	27.87	-3.57	.0847	
ProShUltS&P500	UPRO	.8	59.16	-6.04	.1228	
ProShUltShDow30	SDOW	5.6	18.20	+0.05	.2517	
ProShUltShMC400	SMDD	3.6	12.56	+0.81	.0332	
ProShUltRus2000	SRTY	4.9	32.73	+2.70	.3738	
ProShUltShS&P500	SPXU	1.6	38.32	+3.47	.6351	
ProShUltSh20YTr	TTT	6.3	82.44	+3.63	6.6892	
ProShUltShBitcoin	SBIT	...	44.58	+2.71	...	
ProShUltShBgCrd	SCO	...	15.93	+0.95	...	
ProShUltShBlmGas	KOLD	...	72.19	+1.99	...	
ProShUltShCnsDisc	SCC	4.2	16.76	+1.39	.1253	
ProShUltShCnsStp	SZK	5.2	14.42	-0.38	.1641	
ProShUltDow30	DXD	2.0	30.90	+0.06	.2504	
ProShUltShEner	DUG	4.7	9.05	+0.24	.069	
ProShUltShEuro	EUO	...	31.83	-0.09	...	
ProShUltShina50	FXP	.2	37.36	-0.57	.1229	
ProShUltShEur	EPV	3.5	8.49	+0.12	.0696	
ProShUltShFin	SKF	5.0	12.91	-0.37	.1355	
ProShUltShGold	GLL	...	20.31	-0.74	...	
ProShUltShHCr	RXD	3.9	11.62	+0.02	.1255	
ProShUltShIndls	SIJ	2.9	10.32	-0.42	.1074	
ProShUltra7-10	PST	3.5	24.76	-0.06	.1639	
ProShUltBrazil	BZQ	3.4	12.73	+0.42	.0755	
ProShUltMSCIEAFE	EFU	5.2	8.32	+0.25	.0607	
ProShUltMSCIEM	EEV	3.6	20.52	+0.84	.1405	
ProShUltMSCIJpn	EWV	3.6	11.43	+0.84	.067	
ProShUltShMatls	SMN	5.1	7.61	+0.16	.0793	
ProShUltMC400	MZZ	4.7	12.17	+0.57	.1247	
ProShUltShQQQ	QID	1.3	51.49	+5.39	.7882	
ProShUltRESt	SRS	3.8	17.68	+1.27	.1276	
ProShUltShRus2000	TWM	4.5	12.47	+0.71	.0859	
ProShUltShS&P500	SDS	6.4	27.97	+1.73	.3439	
ProShUltShSemi	SSG	1.7	15.93	+3.18	.1156	
ProShUltShSilver	ZSL	...	12.50	-0.58	...	
ProShUltShSC600	SDD	3.4	20.32	+0.49	.1177	
ProShUltShTech	REW	5.4	16.03	+1.98	.0225	
ProShUltraSh20+	TBT	4.2	57.00	+0.95	.3606	
ProShUltShUtil	SDP	3.3	11.64	-0.43	.0602	
ProShUltShYen	YCS	...	86.13	+1.67	...	
PutnamBDC	PBDC	9.5	15.26	-0.42	.1445	
PutnamBioRev	SYNB	.1	28.69	-1.67	.0211	
PutnamESGCoreBd	PCRB	4.5	47.90	-0.31	.173	
PutnamESGHY	PHYD	7.5	50.09	-0.27	.29	
PutnamESGUltSh	PULT	5.6	50.33	+0.03	.1561	
PutnamESGUltSh	PUSH	.4	48.03	-1.86	...	
PutnamFocLCGrw	PGRO	.2	30.51	-1.85	.0542	
PutnamFocLCVal	PVAL	1.3	34.37	-0.43	.111	
PutnamPanESGEM	PPEM	...	19.91	-0.44	...	
PutnamPanESGInt	PPIE	...	21.96	-0.28	...	
PutnamSustFut	PFUT	.2	22.58	-0.90	...	
PutnamSustLdrs	PLDR	.5	28.88	-1.20	.1516	
QRAFT AI US TC	QRFT	.8	45.59	-1.70	.0395	
QRAFTAIUSLCMon	AMOM	.3	35.05	-2.66	.0697	
QuadraticDeflat	BNDD	4.3	14.77	-0.11	.0443	
QuadUnitRtVol	QVOL	4.0	18.50	-0.10	.0576	
RHTactOutlook	RHTX	...	14.28	-0.34	...	
RHTactRotation	RHRX	...	13.50	-0.74	...	
RoboGlbAI	THNQ	...	39.84	-2.50	...	
RoboGlbHlthTch	HTEC	...	25.80	-1.11	...	
RoboGlblRobotics	ROBO	.1	53.10	-2.24	.0282	
RPAR RiskParity	RPAR	3.1	18.64	-0.24	.0487	
RangeGlbCal	CQAL	...	23.65	-0.40	...	
RangeGlbLNGEco	LNGZ	...	25.98	-0.31	...	
RangeGlbOffOil	OFOS	...	27.82	-1.12	...	
RangeNuclRen	NUKZ	...	30.51	-0.82	...	
RayliantQuanCn	RAYC	4.2	13.88	+0.48	.586	
RayliantQuantEM	RAYE	1.6	23.39	-0.82	.3683	
RayliantQuantDev	RAYD	1.4	26.97	-0.92	.3693	
RayliantSmdam	RAYJ	...	24.32	-1.04	...	
RealEstSectorSPDR	XLRE	3.7	35.88	-1.36	.2636	
Regan FR MBS	MBSF	...	25.31	+0.04	...	
RenaissanceIPO	IPO	...	36.32	-2.70	...	
RenaissanceIntlIPO	IPOS	...	13.35	-0.55	.0293	
RivFrDynCoreIncm	RFCI	4.0	21.87	-0.14	.0842	
RivFrDynUSDiv	RFDA	2.8	48.39	-1.02	.2292

DATA

MUTUAL FUNDS

DATA PROVIDED BY LIPPER

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About Our Funds
The listings include the top 1250 open-end funds by assets. These funds value their portfolios daily and report net asset values (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.

	Net NAV	Chg.	YTD % Ret.	3-Yr. % Ret.
A				
AAM:				
B&GIncGroCll	23.63	-0.26	3.8	15.6
AB Funds:				
CapFdInc.LCapGow	98.00	-4.50	5.7	21.8
MuniIncmShares	10.92	-0.05	-0.6	-3.1
AB Funds - A:				
LgCpGrA	86.85	-3.99	5.6	20.6
RelatValA	6.44	-0.05	5.6	23.1
AB Funds - ADV:				
GlbBd	6.76	-0.05	-1.6	-6.2
HiIncmAdv	6.81	-0.05	0.5	5.5
IntlStraEquPtADV	12.37	-0.31	7.2	3.2
LgCpGrAdv	98.10	-4.50	5.7	21.6
NationalPtf	9.57	-0.03	-0.6	-3.0
SmMidCpValAdv	22.01	-0.44	-0.9	5.8
Advisers Inv Trst:				
Balanced n	86.44	-1.59	2.7	15.1
Growth n	110.17	-3.20	3.7	26.9
Akre Funds:				
AkreFocusInst	60.70	-1.18	1.6	15.0
AkreFocusRtl	58.24	-1.13	1.5	14.1
AmanaGrowth n:				
AmanaGrowth n	73.80	-3.19	3.3	27.6
Amer Beacon Instl:				
SmCpInst	24.40	-0.30	-2.2	10.5
American Century G:				
GlBond	8.55	-0.06	-2.2	-7.1
Sustain Equity	49.59	-1.58	4.8	24.3
American Century I:				
EqInc	8.58	0.04	2.2	12.1
Growth	52.76	-2.63	5.1	22.1
IntTF	10.70	-0.03	-0.7	-2.0
MdCapVal	15.62	0.01	0.6	12.9
SmCapVal	10.37	-0.12	-1.0	5.5
Ultra	82.14	-4.71	3.8	16.3
American Century Inv:				
DiscCoreVal n	34.22	-0.43	4.9	7.7
EqGro n	28.50	-0.97	5.3	13.1
EqInc n	8.56	0.03	2.1	11.4
Grwth n	51.02	-2.55	5.0	21.4
Heritage n	22.97	-1.01	5.0	-3.8
MdCapVal n	15.60	0.01	0.6	12.3
OneChMod n	14.28	-0.26	0.8	0.6
Select n	103.28	-5.15	3.1	18.8
Ultra n	77.32	-4.44	3.8	15.5
American Century R6:				
AmCentUltraFdR6	83.01	-4.76	3.9	16.8
Growth	52.96	-2.64	5.2	22.7
MdCapVal	15.62	0.01	0.7	13.4
SmCpVal	10.37	-0.12	-1.1	6.0
American Century Y:				
IntTF	10.70	-0.03	-0.6	-1.9
American Funds Cl A:				
2020TarRetA	12.99	-0.14	0.2	3.3
2025TarRetA	14.62	-0.19	0.3	3.2
2030TarRetA	16.28	-0.27	0.9	4.7
2035TarRetA	17.84	-0.35	1.7	6.5
2040TarRetA	18.87	-0.45	2.2	8.1
2045TarRetA	19.38	-0.48	2.3	8.3
2050TarRetA	19.07	-0.49	2.4	7.9
AmcpA	39.54	-1.73	3.7	9.4
AMutlA	52.09	-0.48	2.5	20.6
BondA	10.99	-0.08	-3.2	-10.3
BalA	32.57	-0.56	2.1	11.4
CapIBA	65.64	-0.55	-0.2	7.8
CapWA	15.76	-0.12	-4.6	-18.4
CapWGrA	61.93	-1.58	3.3	9.2
EupacA	56.04	-1.23	2.5	-9.3
FdInvA	75.56	-2.35	5.9	23.2
GBalA	36.24	-0.57	0.1	2.0
GovtA	11.61	-0.08	-3.4	-10.3
GwthA	67.00	-2.90	6.1	11.9
HI TrA	9.40	-0.06	0.8	7.1
HiInMuniA	14.86	-0.06	0.5	-1.7
ICAA	52.89	-1.54	5.2	28.8
IncoA	23.43	-0.14	0.7	9.5
IntBdA	12.20	-0.06	-1.7	-5.1
IntlGrInc A	36.18	-0.83	1.4	-0.1
LtdTEBdA	15.15	-0.04	-0.6	-1.8
N PerA	57.43	-1.86	2.7	4.3
NEcoA	56.13	-2.57	4.0	0.4
NwWrldA	75.60	-2.14	0.8	-8.7
SmCpA	63.75	-2.12	-3.8	-18.4
STBFA	9.41	-0.01	0.1	-0.7
TECAA	16.49	-0.06	-0.8	-3.2
TxExA	12.25	-0.04	-0.9	-3.1
WshA	59.28	-0.88	4.0	28.0
AMG Managers Funds:				
YachtmanFocFd I	20.91	-0.26	4.0	17.4
YacktFocFd N n	20.99	-0.26	4.0	16.8
YacktmanFd I	24.36	-0.15	4.4	18.9
Angel Oak Funds Trst:				
AglOkMtiStFdCln	8.39	NA	NA	NA
AQR Funds:				
LgCapDefStyle I	23.06	-0.03	4.9	13.5
Artisan Funds:				
GblOppInst	33.08	-1.29	4.0	-1.5
Intl Inv n	28.11	-0.45	4.8	0.1
IntlInst	28.25	-0.45	4.9	0.8
IntlVal Inst	46.55	0.03	1.3	20.5
IntlVal Inv n	46.39	0.03	1.2	19.6
MidCapInst	42.29	-2.32	1.7	-13.9
MidCapInv n	35.35	-1.94	1.6	-14.5
B				
Baird Funds:				
AggBdInst	9.50	-0.06	-2.8	-9.4
CorBdInst	9.83	-0.06	-2.5	-7.9
IntBdInst	10.11	-0.03	-1.2	-4.5
ShtTBdInst	9.35	-0.01	0.3	1.7
Baron Funds:				
Asset n	95.68	-3.40	-2.4	-7.3
Growth n	93.15	-2.43	-2.6	-1.8
Partners n	130.97	-8.66	-18.0	-15.4
SmallCap n	30.80	-1.18	1.8	-4.3
Baron Instl Shares:				
AssetInst	101.57	-3.61	-2.3	-6.6
DiscoveryInst	26.27	-1.40	-6.2	-28.5
EmergingMktsInst	13.90	-0.33	-0.9	-25.6
GrowthInst	98.50	-2.57	-2.6	-1.1
PartnersInst	136.48	-9.01	-17.9	-14.7
RealEstateInst	34.58	-1.75	-3.3	-6.0
SmallCapInst	33.31	-1.26	1.9	-3.5
Bernstein Fds:				
DivrMuni n	13.78	-0.03	-0.4	-0.8
IntmDur n	10.94	-0.09	-3.1	-10.5
BlackRock Funds:				
CoreBd Inst	8.03	-0.06	-2.9	-10.3
HiYBlk	6.93	-0.05	0.6	6.5
HiYldBd Inst	6.93	-0.05	0.6	6.4
LowDurI Inst	8.93	-0.01	0.4	0.7
BlackRock Funds A:				
AdvLgCapCore	20.00	-0.70	5.7	21.1
CapAppr	33.77	-2.12	5.9	10.4
EqtyDivd	19.74	0.01	3.9	16.8
GlblAlloc	18.38	-0.41	0.5	-3.7
HlthScOp	66.94	-0.32	2.4	7.2
MdCpGrA	32.23	-1.65	-1.3	-14.7
MultiAstInc	9.83	-0.07	0.2	1.0
NatlMuni	10.05	-0.03	-0.6	-4.8
ScTechOppA	53.29	-4.50	4.6	-6.1
BlackRock Funds III:				
iShS&P500IdxK	582.33	-18.23	4.6	24.9
iShUSAggBdIdxK	8.74	-0.06	-2.9	-10.0
BlackRock Funds Inst:				
AdvLgCapCore	21.17	-0.75	5.7	22.0
CAInsMun	11.87	-0.03	0.0	-1.6
EmgMkts	23.55	-0.76	-2.9	-24.4
EqtyDivd	19.84	0.01	4.0	17.6
FloRateInc Por Ins	9.70	-0.01	2.6	17.7
GlblAlloc	18.56	-0.40	0.7	-3.0
HiEqInc	28.01	-0.10	2.4	18.3
HlthScOp	71.66	-0.34	2.4	8.0
MdCpGrEq	38.03	-1.94	-1.2	-14.1
MultiAstInc	9.84	-0.07	0.3	1.7
NatlMuni	10.04	-0.03	-0.7	-4.1
ScTechOppInst	58.79	-4.96	4.6	-5.4
StratIncOpptyIns	9.26	-0.06	-0.5	1.2
StratMuniOppI	10.44	-0.03	0.0	-4.9
TotRet	9.63	-0.07	-2.7	-10.2
BNY Mellon Funds:				
Aprec n	40.66	-0.89	2.2	18.4
Dr500 In n	53.31	-1.67	4.4	23.2
Dreyf n	17.59	-0.63	8.9	37.9
DreyMid r Inv n	28.82	-0.64	2.3	8.4
GlFxInc	19.66	-0.13	-0.9	-2.9
InstS&PStkIdx I	54.57	-1.71	4.5	24.2
IntlStkI	23.61	-0.38	-0.7	-1.1
IntlStkY	23.30	-0.38	-0.7	-1.0
SmMidCpGrI	24.80	-1.27	-5.7	-29.9
StrgVal I	43.26	-0.39	4.6	38.6
BNY Mellon Funds Tru:				
NtlIntmMuni	12.87	-0.04	-1.0	-2.5
C				
Calamos Funds:				
Gr&IncA	43.68	-1.26	3.4	12.6
MktNeutI	14.35	-0.05	1.4	9.1
Calvert Investments:				
Eq A	76.60	-1.41	0.0	16.0
Carillon Reams:				
CorePlBd I	28.81	-0.20	-3.1	-8.4
UnconstrndBd I	11.92	-0.07	-1.4	1.0
Carillon Scout:				
MidCap I	23.10	-0.72	6.0	2.6
CausewayInst :				
CausewayInst	19.32	-0.13	-1.2	15.7
CIBC Atlas:				
DispEq Inst	28.73	-0.75	3.5	16.1
ClearBridge:				
AggressGrowthA	101.77	-2.92	-2.6	-10.6
AllCapValueA	14.10	-0.16	6.4	19.8
AppreciationA	32.61	-0.81	5.8	24.3
DividendStrat1 n	28.49	-0.20	2.6	24.7
DividendStratA	28.47	-0.20	2.5	23.7
LargeCapGrowthA	54.43	-2.65	6.0	17.6
LargeCapGrowthI	64.77	-3.15	6.0	18.7
SmallCapGrowthIS	38.36	-1.55	-5.4	-23.5
Cohen & Steers:				
GlbRltyI	48.04	-1.30	-7.6	-12.4
InstlRlty	42.21	-1.27	-8.4	-3.1
PrefSecInclnl	11.86	-0.10	2.1	-2.6
RltyIncl	15.19	-0.44	-8.0	-4.3
RltyShs n	57.65	-1.77	-8.5	-3.5
Colorado BondShares:				
ColoradoBdShs	8.74	-0.03	1.1	6.8
Columbia Class A:				
BalancedA	49.15	-1.04	2.2	10.1
ContCoreA	32.70	-0.99	5.3	24.4
DisplCoreA	13.84	-0.46	6.1	23.7
DivIncA	31.44	-0.09	3.9	22.3
LgCpGrowA	59.81	-3.09	4.9	18.4
LgCpVl A	16.09	-0.13	5.3	18.2
LiGoBalA	11.11	-0.27	1.2	2.5
SelgComulnfoA	112.22	-7.04	0.4	19.4
TaxEA	11.68	-0.05	-0.7	-5.3
Columbia Class Adv:				
DivIncom	32.11	-0.09	4.0	23.3
Columbia Class C:				
DivInc	30.31	-0.09	3.7	19.6
Columbia Class I:				
Acorn I	10.91	-0.58	-0.2	-15.0
Balanced I	49.02	-1.03	2.3	10.9
ContCore I	33.11	-1.00	5.3	25.4
DivIncom I	31.47	-0.09	4.0	23.2
LgCpGrow I	64.09	-3.31	5.0	19.3
LgCpIdx I	53.86	-1.69	4.5	24.4
SelComunInfo	131.14	-8.22	0.5	20.3
SelLCVal	33.52	0.02	5.3	18.1
StratInc I	20.83	-0.11	-1.2	-2.8
TotReBd I	29.19	-0.26	-3.3	-13.3
Columbia Class I2:				
DivIncom	32.07	-0.09	4.0	23.5
Columbia Class I3:				
ContCore I3	34.02	-1.03	5.4	25.8
DivIncom	32.13	-0.09	4.0	23.7
D				
Davis Funds A:				
NYVen A	28.80	-0.32	8.5	10.9
Davis Funds C & Y:				
NYVenY	30.00	-0.33	8.5	11.8
Del Invest Instl:				
Value	17.30	0.00	3.5	11.9
Deutsche DWS:				
CoreEq n	32.50	-1.00	5.0	26.3
Diamond Hill Funds:				
LgCapI	33.54	-0.25	5.5	14.2
LgCapY	33.57	-0.26	5.5	14.6
LongShortI	29.07	-0.23	7.9	18.8
Dimensional Fds:				
2TGlFxd	9.83	0.01	1.7	3.4
5GlbFxdInc	10.13	0.01	1.7	-1.5
DFARIEst	35.43	-1.11	-9.4	-5.7
EmgMkt	27.33	-0.67	-0.6	-10.3
EmgMktScoEq	13.88	-0.33	-0.6	-10.4
EmgMktVa	29.65	-0.42	0.9	5.7
EmMktCorEq	22.39	-0.50	0.1	-5.3
EmMktSmCp	22.64	-0.41	-0.7	0.7
Fixd	10.27	0.01	1.7	5.3
GblAll60 40Inst	20.49	-0.30	1.9	8.2
GlEqInst	31.18	-0.74	2.6	14.7
GlRESec	9.35	-0.25	-9.0	-10.8
InfProtSec	10.68	-0.03	-1.4	-4.4
IntGvFxdInc	10.66	-0.05	-3.0	-11.3
IntlCoreEq	15.39	-0.25	0.6	5.1
IntlREst	3.44	-0.05	-7.8	-19.3
IntlSustCore1	12.23	-0.21	0.1	0.2
IntlVal	20.82	-0.26	4.2	22.3
IntlVectorEq	13.44	-0.23	0.7	5.7
IntSmCo	19.12	-0.37	-0.9	-3.5
IntSmVa	21.65	-0.39	2.1	11.2
IntTermMuni	9.99	-0.01	-1.0	-0.9
IntVaInstl	17.91	-0.22	4.2	22.5
ITExQual	9.33	-0.07	-2.4	-8.7
LgCo	32.96	-1.04	4.5	24.7
LgCpIntl	26.61	-0.42	1.2	7.4
SclCrEqInst	14.12	-0.25	-0.3	0.0
STExQual	10.40	0.01	1.5	1.0
STGov	9.95	0.01	1.6	1.3
STMuniBd	10.15	0.01	0.6	3.0
US CoreEq1	37.47	-1.03	4.2	22.4
US CoreEq2	33.57	-0.85	3.7	21.5
US Micro	25.49	-0.34	-2.8	9.0
US Small	43.37	-0.68	-2.0	7.8
US SmCpVal	44.08	-0.47	-1.6	22.3
US TgdVal	31.08	-0.37	-2.2	20.7
USLCpGr	32.69	-1.14	4.8	28.7
USLgVa	47.12	-0.25	6.3	21.5
USLgValII	30.26	-0.16	6.3	21.8
USSoCoreEq2	24.45	-0.77	3.1	18.6
USSustCorel	38.75	-1.14	3.9	21.1
USVectorEq	24.72	-0.39	2.4	17.6
Dodge & Cox:				
Balanced n	101.27	-0.31	1.7	13.6
Dodge & Cox n	10.54	-0.09	-3.0	0.4
GblStock n	15.21	-0.10	1.9	20.5
Income n	12.15	-0.09	-2.7	-5.9
Intl Stk n	48.94	-0.45	-0.4	8.6
Stock n	248.80	-0.81	4.6	25.1
DoubleLine Funds:				
CoreFxdIncml	9.01	-0.05	-2.2	-8.4
LowDurBdI	9.57	0.00	1.2	5.3
ShillerEnhCAPEI	13.93	-0.34	-1.2	7.7
TotRetBdI	8.53	-0.05	-2.4	-9.2
TotRetBdN n	8.53	-0.05	-2.3	-9.9
E				
Eaton Vance Class A:				
TMG1.0 n	2228.85	-68.63	5.7	23.5
TMG1.1	100.23	-3.10	5.6	22.5
Eaton Vance Class I:				
AtlCpSMID	38.79	-0.66	2.5	14.7
FltgRt	8.39	-0.02	2.2	14.8
GblMacAbR	8.38	-0.04	3.4	12.3
IncBos	5.06	-0.03	0.2	7.6
NatlMunilnc	9.19	-0.04	-0.8	-2.4
Edgewood Growth Instituti:				
EdgewoodGrInst	45.58	-2.41	4.2	-1.5
F				
Fairholme:				
Fairholme n	34.01	-1.03	-5.9	17.7
FAM Value:				
FAMValue n	94.26	-1.91	3.3	13.8
Federated Hermes A:				
StrValDivA p	5.40	0.06	0.3	15.4
Federated Hermes Int:				
InsHiYld	8.61	-0.06	-0.9	2.5
TtlRtnBdI	9.19	-0.06	-2.8	-9.1
Federated Hermes IS:				
KaufmnSCI	46.65	-2.19	-2.0	-23.1
StraValDivIS	5.44	0.06	0.4	16.3
UltraShortI	9.18	-0.01	1.4	6.4
Federated Hermes R:				
KaufmnR	5.31	-0.23	1.0	-16.5
Federated Hermes R6:				
FedInstHYBondL	8.61	-0.06	-0.9	2.4
TtlRtnBdL	9.18	-0.07	-3.0	-9.1
Fidelity:				
500IdxInstPrem n	172.54	-5.40	4.6	25.0
BalancedK6	14.43	-0.35	2.6	12.9
Contrafund K6	25.87	-1.03	12.3	29.6
EmgMktIdxInstPrem	9.94	-0.25	-1.1	-19.7
ExtMktIdxInstPrem	77.06	-2.55	-1.3	-7.6
FidAdAsset	13.14	-0.12	-0.5	-0.4
FidAdEm	35.72	-1.34	0.0	NS
FidSAI	8.78	-0.06	0.6	NS
FidSAIEmerg	12.29	-0.25	1.3	-4.0
FidSer5	7.40	-0.04	-3.3	NS
FidSer0-5	9.54	0.00	0.8	NS
FIDSerEmgMkt	8.48	-0.24	0.2	-21.7
FidSerInt	8.52	-0.05	-1.4	NS
FidSerToMarket	16.25	-0.51	3.8	19.1
FIDSerTresIndxFd	9.93	0.00	1.5	8.1
FIDZroExtMktIx n	12.09	-0.34	-1.3	-0.1
FIDZroLgCpIx n	17.61	-0.56	4.5	23.3
Flex 500 Index	21.20	-0.67	4.6	25.0
FlexIntIdx	12.65	-0.24	0.3	-1.9
FlexUSBdIdx	8.81	-0.07	-3.1	-10.1
Freedom2060K	13.37	-0.33	2.9	8.2
GlexUSIdxInstPrem	14.12	-0.27	0.3	-1.9
GrowthCompanyK6	24.07	-1.48	7.2	19.1
InflPrBdIndInsPr n	8.90	-0.03	-1.4	-4.0
IntlIdxInstPrem n	47.52	-0.87	0.7	5.4
IntlIndex n	11.09	-0.23	0.2	-1.2
IntrTresBdIxPrem n	9.34	-0.06	-3.4	-11.8
LgCpGwldInstPrem	30.84	-1.60	4.5	25.2
LgCpVlIdxInstPrem	16.78	-0.12	3.8	16.7
LTTrsBdIdxInstPr n	9.22	-0.11	-8.0	-28.2
MidCpInxInstPrem	30.42	-0.74	1.6	7.3
OTCK6Port	21.46	-1.40	6.7	18.6
PuritanK6	14.64	-0.42	4.2	14.7
RealEstIdxInst n	14.26	-0.48	-9.7	-8.2
SAIUSLgCpIndxFd	20.63	-0.65	4.6	25.0
SeriesBondFd	8.71	-0.06	-3.0	-10.1
SeriesOverseas	13.30	-0.25	2.5	6.5
SerLTTreBdIdx	5.33	-0.07	-8.1	-28.2
SmCpIdxInstPrem n	24.16	-0.69	-3.5	-16.8
STBdIdx InstPrem	9.66	-0.01	-0.5	-2.1
STTrsIdx InstPrem	9.97	-0.02	-0.9	-3.0
TMktIdxInstPrem	136.45	-4.30	3.8	19.0
TotalMarketIndex n	17.26	-0.54	3.9	20.0
TtlIntIdxInstPr n	13.14	-0.26	-0.1	-2.7
USBdIdxInstPrem	10.02	-0.06	-3.0	-10.1
USSusIdx n	22.24	-0.80	4.7	26.2
Fidelity Adv Focus A:				
HthCarA	59.75	-1.11	-0.4	-4.2
TechA	97.90	-8.46	2.9	25.6
Fidelity Advisor:				
SrsAdvIntlCapApp	30.38	-0.68	2.2	3.2
StragInc n	11.22	-0.10	-0.3	-0.3
TotBdFdCIZ	9.22	-0.07	-2.5	-7.1
Fidelity Advisor A:				
BalancA	26.93	-0.65	2.5	10.9
EqGrA p/r	18.43	-1.09	7.9	24.6
GrOppA	136.99	-8.04	6.8	-0.9
NwInsghtA	35.91	-1.46	11.1	25.6
StrInA	11.06	-0.10	-0.4	-1.2
Fidelity Advisor Fun:				
EqGrCIZ	21.71	-1.28	8.0	25.9
InterDiscZ	46.49	-1.04	5.3	-6.3
IntlGrwZ	19.39	-0.49	1.4	3.2
fedadvcons	10.05	0.00	1.5	NS
Fidelity Advisor I:				
Balancl	27.65	-0.66	2.6	11.7
ConsvIncmMuni I n	10.01	-0.01	0.7	4.6
EqGrI	21.39	-1.26	8.0	25.6
FAEmgMktI	28.91	-0.55	1.3	-17.9
FAInvGrdI	6.97	-0.05	-2.9	-9.2
FltRatel	9.28	-0.02	2.4	18.2
GrOppI	152.08	-8.92	6.8	-0.2
HthCarI	66.53	-1.23	-0.3	-3.4
IntlGr	19.35	-0.50	1.3	2.8
MuniIncl	10.05	-0.02	-0.8	-1.5
NwInsghtI	37.61	-1.53	11.2	26.6
StrInI	11.22	-0.10	-0.3	-0.4
Total Bd	9.22	-0.07	-2.5	-7.4
Fidelity Advisor M:				
Balanced	27.37	-0.66	2.4	10.1
EqGr	17.72	-1.05	7.8	23.6
GrOppM	134.44	-7.90	6.7	-1.6
NwInsghtM	33.38	-1.36	11.0	24.7
Fidelity Advisor Z:				
AdvIntlSmCpZ	31.07	-0.68	-1.5	0.0
AssetManager50%	19.51	-0.32	0.4	2.0
AssetMngr85	24.56	-0.59	1.8	6.9
AsstMngr70	26.03	-0.54	1.2	5.0
EmMkt Z	28.85	-0.55	1.4	-17.6
FloatRateHighInc	9.29	-0.01	2.6	18.6
GrOpp	154.30	-9.05	6.9	0.2
IntCpAp	30.47	-0.69	2.2	3.6
InvestGradeBd	6.98	-0.05	-2.8	-8.7
NewMktsIncFdZ	12.33	-0.12	0.8	-1.9
RE Income	11.24	-0.12	-1.5	1.6
StkSelAllCap	70.78	-2.21	3.0	16.8
Fidelity Freedom:				
2060 K6	13.38	-0.32	3.1	8.8
FF2010 n	13.55	-0.14	-0.6	-2.3
FF2015 n	11.15	-0.14	-0.3	-1.6
FF2020 n	14.04	-0.21	0.1	-1.2
FF2025 n	13.15	-0.22	0.4	-0.2
FF2030 n	16.71	-0.30	0.8	1.5
FF2035 n	14.77	-0.30	1.7	4.2
FF2040 n	10.76	-0.25	2.6	7.1
FF2045 n	12.43	-0.30	2.9	7.9
FF2050 n	12.58	-0.31	2.9	7.9
Free2055 n	14.56	-0.35	2.9	7.8
Free2060InstPrem	16.43	-0.40	1.6	7.0
Freedom2015 K	11.13	-0.14	-0.3	-1.5
Freedom2020 K	14.03	-0.21	0.1	-0.9
Freedom2020K6	13.97	-0.21	0.1	-0.6
Freedom2025 K	13.12	-0.22	0.4	0.1
Freedom2025K6	13.08	-0.22	0.4	0.5
Freedom2030 K	16.69	-0.31	0.8	1.7
Freedom2030K6	16.64	-0.30	0.9	2.2
Freedom2035 K	14.75	-0.30	1.7	4.5
Freedom2035K6	14.71	-0.30	1.7	5.0
Freedom2040 K	10.76	-0.25	2.6	7.4
Freedom2040K6	10.72	-0.24	2.8	8.0
Freedom2045 K	12.42	-0.30	3.0	8.2
Freedom2045K6	12.37	-0.30	3.0	8.7
Freedom2050 K	12.57	-0.31	3.0	8.7
Freedom2050K6	12.55	-0.31	3.0	8.7
Freedom2055 K	14.56	-0.35	3.0	8.2
Freedom2055K6	14.54	-0.35	3.0	8.8
Freedom2060 n	13.38	-0.32	2.9	7.9
Idx2020InsPre	15.45	-0.23	-0.4	-1.1
Idx2025InsPre	17.65	-0.30	-0.3	-0.3
Idx2030InsPre	18.92	-0.35	0.1	1.2
Idx2035InsPre	21.64	-0.45	0.7	3.7
Idx2040InsPre	22.50	-0.53	1.4	6.3
Idx2045InsPre	23.53	-0.58	1.6	7.0
Idx2050InsPre	23.57	-0.58	1.6	7.0
Idx2055InsPre	19.40	-0.47	1.6	7.1
Idx2020 Premier	15.44	-0.23	-0.4	-1.0
Idx2025 Premier	17.64	-0.30	-0.3	-0.2
Idx2030 Premier	18.91	-0.35	0.1	1.3
Idx2035 Premier	21.64	-0.44	0.7	3.8
Idx2040 Premier	22.49	-0.53	1.4	6.4
Idx2045 Premier	23.53	-0.57	1.6	7.1
Idx2050 Premier	23.56	-0.58	1.6	7.1
Idx 2055 Premier	19.39	-0.48	1.6	7.1
Idx 2060 Premier	16.43	-0.41	1.6	7.1
Fidelity Invest:				
AggrInt n	27.11	-0.60	2.2	3.3
AilSectEq	11.15	-0.39	5.9	27.0
AMgr20% n	13.15	-0.12	-0.5	-0.5
AMgr50% n	19.57	-0.32	0.3	1.8
AMgr70% n	26.08	-0.53	1.2	4.8
AMgr85% n	24.71	-0.59	1.8	6.6
AstMgr30R n	11.37	-0.13	-0.4	-0.2
Balanc n	27.51	-0.66	2.6	11.9
BalancedK	27.51	-0.67	2.6	12.1
BluCh n	187.06	-11.40	8.0	16.9
BluChpGr K

DATA

MUTUAL FUNDS

DATA PROVIDED BY LIPPER

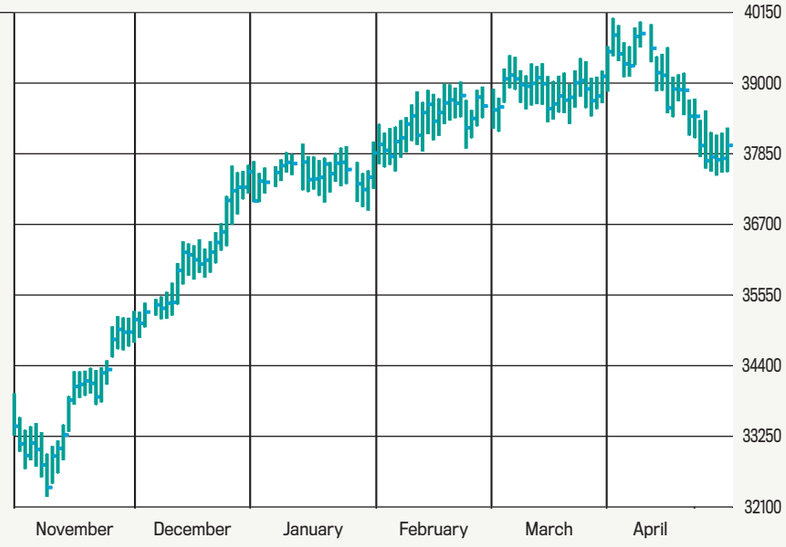
BARRONS.COM/DATA

	NAV	Net Chg.	YTD % Ret.	3-Yr. % Ret.
FrankTemp/Franklin C:				
Income C	2.33	0.00	0.0	8.5
FrankTemp/Franklin R:				
FrkDynTchR6	150.13	-10.29	5.9	-0.1
FrkGrthR6	128.04	-5.60	3.6	13.8
FrkIncR6	2.27	-0.01	-0.2	10.6
FrkRisDivR6	90.70	-0.80	2.7	21.3
FrkSmCpGrR6	23.92	-0.83	-1.2	-16.4
FrankTemp/Mutual A&B:				
Shares A	24.79	-0.10	2.6	12.9
FrankTemp/Temp A:				
Frgn A	7.86	-0.20	-2.1	7.4
GlBond A	7.02	-0.10	-8.6	-14.9
Growth A	25.96	-0.61	1.6	5.8
World A	16.01	-0.56	6.7	7.7
FrankTemp/Temp Adv:				
GlBondAdv	6.99	-0.09	-8.5	-14.2
Frost Family of Fund:				
FrTRInst	9.54	-0.03	0.8	6.0
G				
GE Elfun/S&S:				
Trusts n	82.46	-3.12	7.7	28.9
GMO Trust Class III:				
Quality	30.43	-0.52	5.9	31.0
GMO Trust Class VI:				
Quality	30.44	-0.51	6.0	31.3
Goldman Sachs Inst:				
EmgMktEq	21.66	NA	NA	NA
HYMuni	9.08	-0.04	0.4	-3.9
Muni	15.21	-0.03	0.2	-1.0
Guggenheim Funds Tru:				
MacOppFdClInstl	24.13	-0.09	1.1	3.3
TotRtnBdFdClInst	22.92	-0.20	-2.5	-9.3
GuideStone Funds:				
EqindxGS2	51.25	NA	NA	NA
MedDurGS2	12.36	NA	NA	NA
H				
Harbor Funds:				
CapApInst	101.72	-6.33	5.4	12.7
IntlInst	44.92	-0.76	1.8	1.9
SmCpValInst	38.18	-0.56	-1.0	2.2
Harding Loevner:				
IntlEq	25.17	-0.37	-3.0	-7.0
Hartford Funds A:				
BalIncA	14.05	-0.06	-0.9	2.8
CapAppA	40.15	-0.90	2.9	6.2
DiscpEqA	48.70	-1.26	6.9	19.1
DivGthA	33.78	-0.13	3.5	22.4
EqInc	20.02	0.04	0.8	19.4
GrOppty	46.00	-3.13	9.4	-2.2
MidCapA	25.11	-1.14	-0.6	-13.3
Hartford Funds C:				
Bal IncC	13.80	-0.06	-1.1	0.5
Hartford Funds I:				
BalIncI	14.06	-0.05	-0.7	3.6
DivGthI	33.55	-0.14	3.6	23.3
EmrgMktEqInv	15.53	-0.46	-0.6	-23.9
EqIncI	19.84	0.04	0.9	20.3
InterValue	17.88	-0.31	1.4	22.1
IntlAlphaInv	16.61	-0.39	-0.2	-2.0
StrInc	7.64	-0.05	0.1	-3.3
Hartford HLS Fds IA:				
Balanced	29.02	-0.30	0.9	10.0
CapApp	47.56	-1.15	3.3	11.1
DiscEqui	20.16	-0.51	6.9	18.4
Div&Grwth	23.45	-0.09	3.6	23.6
TotRetBd	9.33	-0.08	-2.5	-9.3
I				
IFP US Equity Fund:				
IFP US EquityFd	18.23	NA	NA	NA
Invesco Fds Investor:				
DivrsDiv n	18.16	-0.04	3.6	18.8
Invesco Funds A:				
500InxA	52.50	-1.65	4.4	23.0
ActiveAllA	13.19	-0.25	0.8	-2.3
CapApprA p	69.33	-4.25	7.8	14.5
Chart	17.81	-0.58	4.9	16.0
CmstA	28.71	-0.04	5.5	33.8
DevMktA	38.67	-0.87	-1.7	-27.2
DiscFdA p	87.24	-3.95	4.2	-9.7
DisMdCpGrA	25.24	-1.19	7.3	-6.9
DivIncm p	25.17	-0.06	2.9	17.9
DivrsDiv p	18.16	-0.05	3.5	18.3
EqIncA	10.39	-0.06	3.5	12.0
EqWtdA p	70.17	-0.99	1.6	13.5
GblStrIncmA p	3.01	-0.04	-2.9	-8.4
GlbOppA p	46.03	-1.39	-9.4	-40.3
GrIncA	21.42	-0.13	6.0	23.4
HYMuA	8.40	-0.04	-0.2	-6.9
IntTMIA p	10.34	-0.02	0.1	-2.5
InvGloblFdA	94.17	-3.41	4.9	4.0
MnStFndA	52.89	-1.68	6.4	18.7
MnStSmCpA p	27.11	-0.73	1.5	8.0
ModInvA	10.65	-0.18	0.2	-3.3
MunInA	11.87	-0.04	-0.6	-4.9
RchHiYldMuniA	6.77	-0.03	-0.3	-4.0
RisingDivA	23.96	-0.50	4.1	24.3
RoMu A p	15.08	-0.07	-1.2	-4.2
SenFltRtA	6.65	-0.02	2.5	20.2
SP IncomeA	5.59	0.04	11.9	93.4
Invesco Funds P:				
Summit P p	24.03	-1.59	6.2	0.1
Invesco Funds Y:				
DevMktY	37.99	-0.85	-1.6	-26.6
DiscovY	107.90	-4.89	4.2	-9.0
EqWtdY	71.34	-0.99	1.7	14.4
GloblY	95.71	-3.45	5.0	4.7
IntlGrowY	34.93	-0.88	-2.0	-9.4
IntlSmCoY	39.88	-1.05	-6.3	-19.7
Ivy Funds:				
AssetStrA p	20.82	-0.47	3.9	11.9
CoreEqA t	16.19	-0.44	6.7	25.6
LgCpGwthA p	30.67	-1.28	2.9	24.7
LgCpGwthI r	33.72	-1.40	3.0	25.7
MidCapI	29.59	-1.39	-2.6	-11.3
MdCpGwthA p	25.62	-1.20	-2.6	-12.1
ScTechA p	48.24	-4.03	5.2	7.2
ScTechI r	63.42	-5.30	5.3	7.9
J				
Janus Henderson:				
Balanced C	42.56	-0.83	2.4	6.7
Balanced T n	43.22	-0.84	2.6	9.3
Enterprise T n	131.81	-2.86	2.1	9.1
GlbResch T nr	102.47	-3.02	7.8	19.7
GlLifeSci T nr	69.52	-1.07	1.2	14.3
GlTech T nr	55.81	-3.97	7.9	13.4
Grw&Inc T n	69.75	-1.13	1.5	18.8
Resh T n	71.32	-3.79	8.3	22.0
Jensen I :				
Jensen I	58.50	-0.68	-0.8	17.6
JensenQualGrJ n:				
JensenQualGrJ n	58.58	-0.69	-0.8	16.8
JHF III DispVal:				
DispVal	24.73	-0.26	6.4	26.8
DispVal I	23.60	-0.25	6.5	27.7
DispValMCI	28.07	-0.42	2.6	20.1
DispValMdCp	26.62	-0.40	2.4	19.2
DispValMdCpR6	28.06	-0.43	2.6	20.5
DispValR6	23.67	-0.25	6.5	28.1
JHITFunLgCpCorFd:				
FunLgCpCorA	63.75	-1.67	2.1	14.5
John Hancock:				
500Index1	52.10	-1.64	4.5	23.9
Bondl	13.07	-0.10	-2.6	-9.6
BondR6	13.09	-0.11	-2.6	-9.4
IntlGrwI	25.14	-0.70	1.9	-13.9
John Hancock Class 1:				
BlueChipGrw	51.27	-2.71	7.7	8.8
LSAggr	13.42	-0.35	2.4	3.4
LSBalncd	12.54	-0.22	0.9	1.1
LSGwth	13.11	-0.28	1.8	2.7
LSModer	11.67	-0.15	0.3	0.0
John Hancock Funds A:				
BalA	26.95	-0.60	3.2	11.5
BondA p	13.07	-0.10	-2.7	-10.4
LifeBal	12.67	-0.23	0.7	0.0
LifeGrw	13.19	-0.29	1.6	1.6
JPMorgan A Class:				
CoreBond	9.96	-0.06	-2.5	-9.4
CorePlusBd p	7.01	-0.05	-2.4	-9.0
EqInc p	23.17	0.11	3.4	17.3
GwthAdv p	32.53	-1.87	6.2	17.2
Inv Bal p	15.14	-0.23	1.2	3.9
InvCon p	12.06	-0.13	0.0	-0.7
InvG&I p	18.23	-0.36	2.0	7.0
InvGrwt p	23.34	-0.57	3.1	10.6
LgCpGwth p	63.32	-4.05	8.2	20.7
MdCpGrw p	38.13	-1.66	1.8	-4.3
USEquity	22.22	-0.65	5.1	24.0
ValAdv t	36.87	0.08	4.7	19.6
JPMorgan I Class:				
CoreBond	9.95	-0.06	-2.5	-8.7
CorePlusBd	7.01	-0.04	-2.3	-8.2
EmMktEq I	28.84	-0.97	-2.3	-29.6
EqInc	23.66	0.11	3.4	18.2
GrAdv r	34.52	-1.99	6.2	18.1
LgCapVal	19.24	-0.11	2.5	17.4
LgCpGwth	65.12	-4.16	8.3	21.6
MdCpGrw	47.52	-2.05	1.9	-3.6
MdCpVal	36.28	-0.27	2.9	13.5
MtgBckd	9.86	-0.06	-2.3	-7.4
ShtDurBnd	10.65	-0.01	0.4	1.6
SmCap	53.05	-0.96	-1.8	-3.7
USEquity	22.32	-0.65	5.1	25.0
ValAdv	37.21	0.09	4.8	20.5
JPMorgan Inst Class:				
ValAdv L	37.25	0.08	4.8	21.1
JPMorgan L Class:				
MdCpVal L	37.00	-0.27	2.9	14.0
JPMorgan R Class:				
CoreBond	9.97	-0.06	-2.4	-8.2
CorePlusBd	7.02	-0.04	-2.2	-7.9
HighYld r	6.32	-0.04	-0.2	4.2
MtgBckd	9.86	-0.06	-2.2	-7.0
ShtDurBnd	10.65	-0.01	0.4	1.7
USRechEnhEq	38.73	-1.22	5.2	28.5
JPMorgPrm:				
USEquity L	22.38	-0.65	5.2	25.5
L				
Laudus Funds:				
USLgCpGr nr	22.48	-1.36	6.1	9.6
Lazard Instl:				
EmgMktEq	17.01	-0.41	-0.9	2.4
GlbLstInfr	15.16	0.03	0.0	23.8
IntStrtEq r	15.42	-0.32	-0.4	-4.7
Legg Mason I:				
IntlGrTrl	61.59	-1.35	1.1	-7.0
Longleaf Partners:				
Partners n	22.66	-0.28	0.4	-0.6
Loomis Sayles Fds:				
LSBondI	11.28	-0.10	-1.8	-4.1
Lord Abbett A:				
AffiltdA p	17.73	-0.17	5.6	18.6
BdDeb p	6.97	-0.06	0.2	-5.0
CalibrDivGr	20.34	-0.41	5.0	22.4
FloatRt p	8.16	-0.01	2.8	17.0
HYMuniBd p	10.72	-0.03	1.1	-6.5
IntrTxFr	10.16	-0.03	-0.4	-4.0
MultiAstBalOppty	11.26	-0.18	3.6	0.5
ShtDurIncmA p	3.82	-0.01	0.4	1.0
TaxFr p	10.37	-0.03	-0.6	-6.2
Lord Abbett C:				
ShtDurIncmC t	3.85	0.00	0.5	-0.6
Lord Abbett F:				
ShtDurIncm	3.82	-0.01	0.5	1.3
Lord Abbett I:				
BdDebentr	6.93	-0.06	0.2	-4.5
FloatRt	8.17	-0.01	2.9	17.9
HiYld	6.22	-0.05	0.1	-0.8
ShtDurInc p	3.82	-0.01	0.7	1.8
M				
MainStay Fds A:				
HiYldBdA	5.11	-0.02	0.6	6.0
LgCpGrA p	9.52	-0.56	5.9	19.5
TxFrBdA	9.31	-0.03	-1.1	-4.8
Mairs&Power:				
MairsPwrGr n	153.71	-3.66	4.5	20.1
Mass Mutual:				
SelBluChipGrCl I	21.09	-1.12	6.2	15.3
MassMutual Select:				
MCGrEqIII	19.94	-0.84	0.7	-1.8
Metropolitan West:				
TotRetBd n	8.75	-0.08	-3.8	-12.6
TotRetBdI	8.75	-0.07	-3.6	-12.0
TRBdPlan	8.20	-0.07	-3.7	-11.9
UnconstrBdI	10.12	-0.07	-0.3	-0.7
MFS Funds:				
IIE	32.88	-0.35	-0.2	9.8
MFS Funds Class A:				
AgGrAIA	28.46	-0.67	2.2	7.8
CoEqyA	47.36	-1.45	4.2	19.8
GrowthA	172.16	-9.79	9.1	17.0
IntlVA	38.55	-0.58	3.2	0.3
MCapA	27.32	-1.25	2.2	-1.6
MCapValA	30.58	-0.41	2.5	17.1
MIGA	40.12	-1.22	1.9	17.9
MITA	35.91	-1.02	4.6	18.4
MuHiA	7.25	-0.03	0.5	-5.7
MulnA	8.08	-0.03	-0.7	-4.3
ResBdA	9.20	-0.07	-2.6	-9.1
RschA	55.57	-1.71	4.2	19.5
TotRA	19.10	-0.08	0.5	6.7
UtilA	20.36	0.22	-2.2	3.9
ValueA	49.00	0.00	4.1	17.4
MFS Funds Class I:				
GrowthI	187.87	-10.67	9.2	17.9
MCapI	29.50	-1.35	2.3	-0.9
MCapValI	31.55	-0.42	2.6	17.9
MIGI	41.86	-1.27	2.0	18.8
ResBdI	9.20	-0.07	-2.5	-8.7
RschI	57.58	-1.76	4.2	20.4
ValueI	49.35	0.00	4.1	18.3
Morgan Stanley Inst:				
CapGrI	36.55	-2.66	-4.9	-45.4
CapGrP p	32.71	-2.39	-4.9	-45.9
GloFranI t	34.15	-0.22	-0.6	8.9
MorganStanleyPathway:				
CoreFxIcm n	6.63	-0.05	-3.5	-12.0
LgCapEq n	22.82	-0.65	4.1	15.5
Munder Funds:				
MndrIntlSmCpInvr	14.71	-0.31	1.4	-8.4
Mutual Series:				
BeacnZ	16.02	-0.07	2.8	8.4
GlbDiscA	30.13	-0.10	1.7	22.3
GlbDiscZ	31.07	-0.10	1.7	23.2
QuestZ	13.89	0.00	1.5	7.4
SharesZ	25.19	-0.10	2.7	13.7
N				
Natixis Funds:				
InvGradeBdY	9.61	-0.07	-2.0	-5.5
LSGrowthY	24.23	-1.32	4.3	24.9
Neuberger Berman Fds:				
GenesInst	59.89	-1.67	-2.0	-0.8
IntrinsicValInst	19.61	-0.56	-3.0	-4.3
LCVal Inst	42.76	0.17	3.6	7.5
LgShInst	17.61	-0.11	0.9	11.9
StrIncInst	9.55	NA	NA	NA
Neuberger Berman Inv:				
Genes n	59.74	-1.67	-2.0	-1.3
Guard n	25.89	-1.07	3.7	24.5
LCVal n	42.79	0.17	3.6	7.0
Neuberger Berman Tr:				
GenesisFdR6	59.84	-1.67	-1.9	-0.5
Nicholas Group:				
Nich n	89.63	-2.82	3.5	31.9
Northern Funds:				
BdIdx n	8.91	-0.06	-3.1	-10.2
EmMktsEqIdx nr	10.70	NA	NA	NA
HiYFxInc n	5.86	-0.03	-0.2	3.4
IntlEqIdx nr	13.94	-0.25	0.9	5.1
IntTxExpt n	9.70	-0.03	-1.0	-4.1
MidCpIdx n	20.44	-0.45	2.5	9.6
StkIdx n	51.06	-1.60	4.6	24.7
Nuveen CI A:				
AAMunBd p	10.08	-0.03	-0.3	-9.1
HiYldMuBd p	14.73	-0.07	0.9	-5.3
Nuveen CI I:				
HYMunBd	14.74	-0.07	1.0	-4.7
Nuveen CI R:				
IntDMunBd	8.79	-0.02	-0.4	-2.0
LmtTrmR	10.85	-0.01	0.0	0.7
O				
Oakmark Funds Invest:				
EqtyInc nr	34.07	-0.09	1.4	11.1
Oakmark n	139.89	0.00	5.5	34.5
OakmrkInt n	25.84	-0.32	-3.7	-7.4
Select n	71.10	-0.84	1.0	24.2
Old Westbury Fds:				
AlCpCore n	24.20	-0.87	4.9	18.9
CreditIncomeFd n	7.79	-0.06	-2.6	-9.8
FixInc pn	9.88	-0.05	-2.2	-6.3
LrgCpStr n	18.13	-0.55	4.4	6.0
MuniBd pn	11.43	-0.02	-1.3	-3.1
Sm&MdCapStrategy n	15.25	-0.37	-1.2	-15.4
Optimum Funds Inst:				
Fixed Inc	7.95	-0.06	-3.0	-11.2
LgCpGrwth	21.04	-1.18	5.0	7.1
LgCpVal	18.34	-0.09	4.9	20.6
Osterweis Strat Income:				
OsterweisStrInc n	10.99	-0.03	1.7	11.4
P Q				
Parnassus Fds:				
ParnEqFd n	56.95	-1.76	3.5	20.2
Pear Tree:				
ForeignVal I r	22.95	-0.32	-0.1	-4.0
Perm Port Funds:				
Permanent n	54.90	-0.46	7.2	17.5
PGIM Funds Cl A:				
HighYield	4.63	-0.04	-0.3	1.9
JennGrowth	53.92	-3.33	5.4	11.4
JennUtility	13.43	0.14	4.2	9.9
TotalReturnBnd p	11.64	NA	NA	NA
PGIM Funds Cl Z:				
HighYield	4.64	-0.04	-0.2	2.7
JennGrowth	61.81	-3.81	5.5	12.4
TotalReturnBond	11.60	NA	NA	NA
PIMCO Fds Instl:				
AllAsset	10.83	-0.12	-0.7	1.5
CommodtyRR	13.55	-0.01	5.4	24.9
DivInc	9.37	-0.07	-0.5	-3.7
HiYld	7.81	-0.05	-0.5	3.3
HiYldMuniBd	8.38	-0.03	0.2	-2.0
IntlBdUSH	9.81	-0.07	0.4	-1.3
InvGrdCrBd	8.68	-0.07	-2.2	-9.0
LgTrmCrdtBd	8.53	-0.12	-5.3	-18.7
LngDurTotRtrn	6.89	-0.09	-6.0	-21.8
LowDur	9.10	-0.02	0.1	-0.8
LowDurInc r	7.93	-0.03	1.3	5.7
ModDur	9.02	-0.05	-1.2	-4.7
MortgOppBd	9.22	-0.05	0.3	1.1
RealRtnI	9.84	-0.05	-1.2	-4.1
ShortT	9.64	0.00	2.2	8.0
ShtAssetInv	9.94	0.00	2.0	8.3
StksPLS	11.89	-0.38	4.8	20.2
TotRetESG	7.41	-0.05	-2.3	-11.8
TotRt	8.33	-0.07	-2.4	-9.7
TrndsMgdFutStrgy	11.30	0.02	5.1	25.5
PIMCO Funds A:				
IncomeFd	10.38	-0.08	-0.5	1.0
LowDurInc	7.93	-0.03	1.2	4.4
TotRetA	8.33	-0.07	-2.5	-10.6
PIMCO Funds C:				
IncomeFd	10.38	-0.08	-0.8	-1.2
PIMCO Funds I2:				
ComPLUSStrtgyFd	7.17	-0.05	11.0	62.7
Income	10.38	-0.08	-0.4	2.0
IntlBdUSH	9.81	-0.07	0.4	-1.6
InvstGrCrBd	8.68	-0.07	-2.3	-9.3
LowDurInc	7.93	-0.03	1.3	5.4
ShtTm	9.64	0.00	2.2	7.7
TotRt	8.33	-0.07	-2.5	-9.9
PIMCO Funds Instl:				
ComPLUSStrtgyFd	7.28	-0.06	10.8	63.0
DynamicBd	9.76	-0.04	1.3	0.5
IncomeFd	10.38	-0.08	-0.4	2.3
InflRespMulAsset	8.14	-0.06	1.6	12.2
Pioneer Funds A:				
CoreEqA	21.41	-0.42	3.1	14.0
DiscGrA	16.72	-0.46	2.6	20.5
PioFdA	38.75	-1.30	6.4	26.0
Pioneer Funds Y:				
BondY	7.96	-0.07	-2.8	-9.3
StratIncY p p	9.18	-0.07	-1.8	-5.1
Price Funds:				
2050RetFd n	17.43	-0.46	3.1	7.5
Balnanced n	25.62	-0.48	2.0	6.0
BlChip n	160.67	-8.47	7.6	8.4
Communica&Tech n	129.26	-6.73	8.1	-7.5
DivGro n	73.12	-0.82	3.5	21.7
EqInc n	35.12	0.00	4.7	19.4
EqIndex n	130.70	-4.09	4.5	24.4
GlbStk n	60.03	-2.82	4.8	-2.3
GlbTech n	16.42	-1.37	4.8	-24.8
Growth n	91.63	-4.75	5.8	1.7
HelSci n	88.29	-2.15	0.4	0.6
InstFLRFd r	9.45	-0.01	2.5	17.7
InstHiYld	7.63	-0.05	-0.8	4.1
LgCapGow I	70.26	-3.34	6.8	13.3
InstLCCoreGr	64.52	-3.39	7.6	8.9
LgCpVal	23.42	-0.10	4.4	18.2
InstSmCap	26.00	-0.78	-2.4	-7.5
IntDis n	63.24	-1.22	0.4	-22.0
IntlStk n	18.77	-0.52	-1.7	-7.5
MCapVal n	32.65	-0.56	4.6	26.2
MCEqGr	63.10	-2.57	0.3	0.4
MidCap n	100.34	-4.04	0.3	0.5
NAmer n	68.51	-2.72	7.1	20.0
NHoriz n	54.04	-2.65	-3.9	-21.8
OverS SF nr	12.43	-0.21	-0.3	0.3
QMUSSmCpGrEq n	41.13	-1.52	0.3	-1.9
SpectModerGwAllo n	37.80	-0.84	2.8	2.8
R2010 n	14.69	-0.20	1.0	1.8
R2015 n	12.15	-0.17	1.1	2.4
R2020 n	18.00	-0.27	1.2	2.6
R2025 n	15.93	-0.26	1.4	3.0
R2030 n	24.36	-0.46	1.8	3.8
R2035 n	19.69	-0.44	2.2	5.0
R2040 n	28.39	-0.69	2.8	6.1
Ret2045 n	20.53	-0.52	3.1	7.2
Ret2055 n	18.28	-0.48	3.2	7.5
RetBal Inc n	12.79	-0.17	0.8	1.6
SciTec n	43.38	-3.34	8.0	1.1
Sht-Bd n	4.53	-0.01	0.5	0.4
SmCap n	50.53	-0.94	-2.8	-2.9
SmCapStk n	56.61	-1.70	-2.4	-7.5
SpecGr n	24.18	-0.59	4.0	11.1
SpecInc n	11.03	-0.06	-1.1	-3.4
SuMuInt n	11.28	-0.03	-0.7	-2.4
TF Incom n	10.87	-0.03	0.9	-3.4
TotIndex n	53.01	-1.69	3.7	19.0
U.S.EqResch n	49.15	-1.63	5.6	28.7
USLrgCpCore n	38.51	-1.12	8.0	28.0
Value n	45.07	-0.23	7.5	19.1
Price Funds - Adv Cl:				
Growth p	88.21	-4.57	5.7	0.9
R2030A p	24.02	-0.46	1.7	3.0
R2040A p	28.01	-0.68	2.7	5.3
Price Funds - R Cl:				
R2030R p	23.66	-0.46	1.6	2.3
R2040R p	27.66	-0.67	2.6	4.5
PRIMECAP Odyssey Fds:				
AggGrowth r nr	41.57	-1.85	-3.1	-6.5
Growth r nr	36.31	-1.19	-1.2	9.8
Stock r nr	36.22	-0.68	3.2	19.9
Principal Investors:				
CapApprA p	70.25	-2.32	5.9	28.8
HiYld IN	8.11	-0.04	0.2	4.1
InfPro IN	7.55	-0.03	-1.4	-4.9
LgIndxI	24.36	-0.76	4.5	24.4
LT2020 In	12.02	-0.16	0.2	0.7
LT2030 In	13.52	-0.24	0.3	1.8
LT2040I	15.43	-0.32	1.4	4.9
LT2050I	16.27	-0.39	2.1	7.1
MidCpBldA	37.78	-0.99	2.9	14.5
PreSecI	8.91	-0.05	2.3	-1.0
PtrLV In	18.68	-0.15	3.8	18.1
RealEstSecI	24.99	-0.76	-9.5	-4.8
SAMBalA p	15.54	-0.27	1.5	4.1
SAMGrA p	18.29	-0.39	2.4	7.6
StrGrw A p	21.13	-0.50	3.1	10.0
Putnam Funds Class A:				
DynAABalA	15.65	-0.34	3.3	9.4
DynAAGthA	18.91	-0.50	4.4	12.8
PutLargCap p	33.36	-0.26	8.4	34.4
GeorgePutBal	23.52	-0.54	2.9	11.9
GlbHlthCare p	59.62	-0.14	3.3	24.0
GrOppp p	57.29	-3.38	5.1	21.5
StDurInc	10.08	NA	NA	NA
SustainLdrsFd p	115.49	-4.76	6.7	15.4
Putnam Funds Class Y:				
GrOpp Y	61.49	-3.63	5.2	22.5
PutLargCap	33.37	-0.25	8.5	35.4
StDurInc	10.09	NA	NA	NA
R				
Royce Funds:				
PAMut I nr	9.07	-0.22	-1.2	8.5
Russell Funds S:				
StratBd	8.97	-0.07	-3.3	-12.5
TaxExBd	21.85	-0.04	-0.5	-1.5
TxMngUSLgCp	74.08	-1.86	5.1	20.4
Rydex Investor Class:				
NasdaqInv n	71.63	-4.08	1.1	20.8
S				
Schwab Funds:				
1000 Inv nr	106.72	-3.39	4.2	21.0
CoreEq n	21.11	-0.62	5.1	21.3
FunIntlLgInst nr	10.63	-0.19	1.2	13.7
FunUSLgInst nr	25.28	-0.28	4.2	28.1
InflProSel n	10.03	-0.04	-1.5	-4.1
Intl Sel nr	22.72	-0.40	0.7	5.2
S&P Sel n	76.44	-2.39	4.6	24.9
SmCp Sel nr	31.37	-0.89	-3.5	-8.9
TSM Sel nr	84.01	-2.65	3.8	18.9
USSmColdx nr	15.98	-0.25	-3.4	7.6
SEI Portfolios:				
CoreFxIn F	9.23	-0.08	-3.5	-12.3
IntlEmg F	10.53	-0.29	-1.8	-21.4
IntlEq F	11.62	-0.17	0.2	0.6
IntMuni F	11.02	-0.02	-0.5	-3.1
LgCapGr F	42.01	-1.88	6.2	20.9
TaxMgdLC F	34.69	-0.59	3.6	20.0
SmeadFds:				
SmeadValueInstl	80.45	-1.19	5.6	40.2
SSgA Funds:				
SP500 n	234.95	-7.37	4.5	24.5
T				
TCW Funds:				
EmMktInc n	6.37	-0.05	0.4	-9.9

The Dow Jones Averages

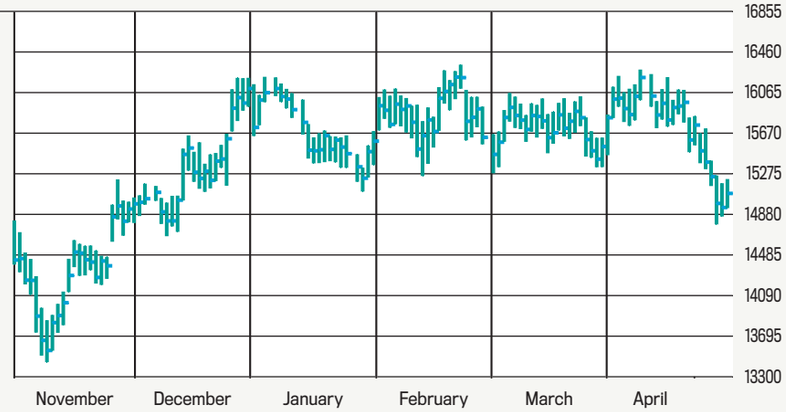
Industrials

Components	Week's Change
3M	0.96
Amazon.com	-11.50
American Express	12.84
Amgen	1.65
Apple	-11.55
Boeing	0.27
Caterpillar	-10.97
Chevron	1.04
Cisco Systems	-0.17
Coca-Cola	1.89
Disney	-1.40
Dow	-1.03
Goldman Sachs	14.51
Home Depot	-7.51
Honeywell International	-1.90
IBM	-0.69
Intel	-1.49
Johnson & Johnson	0.39
JPMorgan Chase	3.01
McDonald's	4.60
Merck	0.04
Microsoft	-22.78
Nike Cl B	2.53
Procter & Gamble	2.81
Salesforce	-23.95
Travelers	-7.03
UnitedHealth Group	61.93
Verizon Communications	0.77
Visa Cl A	-6.18
Walmart	-0.61



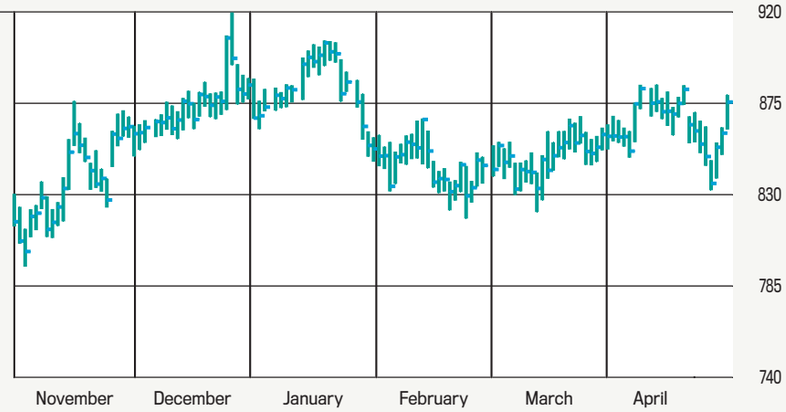
Transportation

Components	Week's Change
Alaska Air Group	3.71
American Airlines Group	0.96
Avis Budget Group	-13.08
CH Robinson Worldwide	0.74
CSX	-1.00
Delta Air Lines	0.71
Expeditors Intl of Wash	-3.04
FedEx	-0.81
JB Hunt Transport	-18.17
Kirby Corp	-2.10
Landstar System	-8.10
Matson	-4.61
Norfolk Southern	-4.46
Old Dominion Freight Line	-9.31
Ryder System	-6.12
Southwest Airlines	1.84
Uber Technologies	-6.08
Union Pacific	-2.32
United Airlines	9.58
United Parcel Service B	-2.14



Utilities

Components	Week's Change
AES	-0.45
American Elec Power	2.10
American Water Works	1.95
Atmos Energy	3.21
Consolidated Edison	3.14
Dominion Energy	0.93
Duke Energy	3.34
Edison International	1.30
Exelon	1.07
FirstEnergy	0.76
NextEra Energy	1.22
Public Svc Enterprise	-0.13
Sempra	1.39
Southern	3.42
Xcel Energy	1.55



Note: Theoretical highs and lows are shown. A red chart indicates a lower price than the starting period. Green means it's higher than the starting period.

DJ Half-Hourly Averages

Dow Jones 30 Industrial (divisor: 0.15221633137872)

Daily	Apr 15	16	17	18	19
Open (t)	38336.16	37972.08	37927.07	37879.97	37878.20
Open (a)	38075.38	37992.22	37949.67	37847.21	37801.98
10:00	38324.31	37872.60	37969.10	37944.12	37938.35
10:30	38122.51	37803.90	37864.01	37993.88	37957.56
11:00	38061.65	37781.20	37767.78	38047.17	37940.15
11:30	38081.97	37835.41	37694.38	38028.34	37941.43
12:00	38136.30	37875.77	37708.14	37975.50	37925.98
12:30	38048.42	37886.15	37682.27	37938.09	37849.78
1:00	38010.05	37869.21	37664.16	37797.07	37964.01
1:30	37817.90	37859.18	37791.69	37763.26	37970.41
2:00	37826.40	37822.56	37839.03	37734.77	38036.69
2:30	37739.65	37749.00	37808.49	37745.41	37923.52
3:00	37756.50	37928.44	37789.13	37731.56	37908.47
3:30	37721.18	37922.51	37747.80	37790.77	37947.82
Close	**37735.11**	**37798.97**	**37753.31**	**37775.38**	**37986.40**
High (t)	38557.89	38203.16	38160.33	38193.24	38277.27
Low (t)	37607.33	37559.11	37491.67	37541.57	37550.67
High (a)	38386.81	37992.22	38036.70	38083.76	38102.57
Low (a)	37657.79	37713.70	37611.56	37681.52	37781.61
Change	−248.13	+63.86	−45.66	+22.07	+211.02

Theoretical (t): High 38557.89 Low 37491.67
Actual (a): High 38386.81 Low 37611.56

Dow Jones 20 Transport (divisor: 0.15395808703479)

Open (t)	15652.96	15358.92	15090.08	15097.88	15003.63
Open (a)	15567.21	15360.80	15259.28	15054.15	14976.17
10:00	15661.30	15295.44	15055.68	15032.60	15096.68
10:30	15551.73	15259.36	15019.00	15044.90	15114.58
11:00	15563.22	15240.63	15010.56	15096.71	15076.08
11:30	15534.45	15233.40	14970.08	15127.23	15106.30
12:00	15557.68	15290.00	15005.25	15094.24	15079.28
12:30	15568.50	15295.24	14996.65	15096.71	15052.34
1:00	15504.99	15282.83	14969.27	15071.60	15081.28
1:30	15472.11	15288.75	14988.53	15017.26	15112.61
2:00	15408.00	15271.80	15001.77	14992.71	15105.84
2:30	15399.62	15288.97	14989.50	14958.54	15103.35
3:00	15401.17	15272.14	15060.88	14966.81	15037.38
3:30	15365.20	15299.69	14977.42	14969.92	15083.19
Close	**15388.34**	**15246.23**	**14986.55**	**14946.93**	**15083.72**
High (t)	15716.62	15403.32	15258.54	15183.13	15223.85
Low (t)	15319.98	15155.62	14782.11	14859.08	14940.53
High (a)	15686.77	15360.80	15259.28	15132.95	15162.46
Low (a)	15333.49	15205.96	14921.95	14925.30	14976.17
Change	−109.77	−142.11	−259.68	−39.62	+136.79

Theoretical (t): High 15716.62 Low 14782.11
Actual (a): High 15686.77 Low 14921.95

Dow Jones 15 Utilities (divisor: 1.197803465545l0)

Open (t)	859.89	846.63	840.75	857.04	863.26
Open (a)	858.70	847.04	840.33	856.67	861.39
10:00	858.31	839.25	841.74	851.96	864.52
10:30	847.94	835.59	845.03	853.37	865.87
11:00	850.90	836.06	841.47	853.06	870.52
11:30	850.49	835.30	842.58	854.61	873.18
12:00	852.71	839.63	842.50	852.94	872.37
12:30	853.18	839.66	843.98	853.91	873.07
1:00	851.12	840.10	844.62	853.80	873.57
1:30	851.41	839.71	846.84	854.47	876.10
2:00	848.99	838.42	849.30	855.44	875.96
2:30	846.83	838.45	850.30	856.00	874.78
3:00	846.92	838.10	854.02	858.46	874.43
3:30	847.29	838.12	850.84	858.73	875.63
Close	**848.76**	**835.53**	**853.35**	**860.30**	**875.61**
High (t)	863.63	847.01	855.73	863.18	879.18
Low (t)	844.17	832.17	837.93	849.53	862.06
High (a)	863.32	847.04	854.68	862.45	877.70
Low (a)	845.30	833.14	839.71	850.62	861.39
Change	−6.15	−13.23	+17.82	+6.95	+15.31

Theoretical (t): High 879.18 Low 832.17
Actual (a): High 877.70 Low 833.14

Dow Jones 65 Composite (divisor: 0.75472580699091)

Open (t)	12289.59	12135.14	12061.88	12079.83	12070.11
Open (a)	12224.02	12140.23	12100.30	12063.71	12046.18
10:00	12279.01	12081.02	12080.36	12078.50	12112.61
10:30	12214.35	12056.33	12032.79	12093.33	12119.64
11:00	12193.26	12051.11	12004.90	12108.11	12112.62
11:30	12203.59	12071.39	11991.12	12108.09	12116.42
12:00	12226.41	12088.06	12002.13	12095.69	12113.17
12:30	12193.50	12094.86	11997.27	12088.88	12088.47
1:00	12176.72	12091.78	11986.77	12044.96	12126.50
1:30	12119.77	12087.05	12032.34	12038.34	12128.91
2:00	12122.15	12070.02	12045.48	12028.41	12142.16
2:30	12096.71	12048.27	12035.56	12023.07	12111.06
3:00	12094.94	12106.21	12031.08	12024.18	12108.49
3:30	12085.13	12097.44	12025.91	12039.47	12117.70
Close	**12096.72**	**12059.61**	**12025.72**	**12033.11**	**12127.87**
High (t)	12353.23	12191.39	12167.06	12170.14	12220.78
Low (t)	12049.73	11987.43	11906.77	11950.95	11989.28
High (a)	12308.52	12140.23	12100.30	12124.46	12161.68
Low (a)	12065.40	12039.48	11973.83	12006.83	12046.18
Change	−82.19	−37.11	−33.89	+7.39	+94.76

Theoretical (t): High 12353.23 Low 11906.77
Actual (a): High 12308.52 Low 11973.83

Trading Diary

Market Advance/Decline Volumes

Daily	Apr 15	16	17	18	19
NY Up	190,048	225,992	423,903	480,431	719,094
NY Off	753,905	685,759	424,850	392,464	333,355
NY Up - Comp.	795,757	981,166	1,793,702	1,944,402	2,488,510
NY Off - Comp.	3,103,338	2,980,209	1,697,759	1,612,523	1,349,092
NYSE Amer UP	7,131	2,437	3,814	6,142	11,844
NYSE Amer Off	11,220	12,068	10,276	7,446	4,304
NASD Up	1,334,322	2,356,846	2,340,535	2,907,920	2,777,238
NASD Off	3,529,546	2,405,778	2,560,293	1,979,142	2,461,423
NYSE Arca UP	116,137	107,397	179,399	172,614	203,778
NYSE Arca Off	277,560	288,519	175,778	152,279	157,804
% (QCHA)	−1.27	−.51	−.25	....	+.44
% (QACH)	−1.71	−.65	−1.13	−.63	+.59
% (QCHAQ)	−1.85	−.72	−.48	+.06	+.38

Market Advance/Decline Totals

Weekly Comp.	NYSE	NYSE Amer	Nasdaq	NYSE Arca
Total Issues	2,941	326	4,683	2,124
Advances	904	96	1,305	382
Declines	2,001	219	3,300	1,725
Unchanged	36	11	78	17
New Highs	45	15	106	22
New Lows	173	31	627	90

Week ended last Friday compared to previous Friday

NYSE Composite Daily Breadth

Daily	Apr 15	16	17	18	19
Issues Traded	2,896	2,894	2,880	2,898	2,892
Advances	454	999	1,356	1,362	1,908
Declines	2,400	1,801	1,433	1,423	892
Unchanged	42	94	91	113	92
New Highs	20	9	12	12	13
New Lows	89	118	62	58	39
Blocks - primary	4,538	4,028	3,760	3,741	4,409
Total (000) - primary	954,677	921,344	869,339	886,894	1,063,501
Total (000)	3,950,218	4,006,206	3,596,133	3,619,765	3,878,758

NYSE American Composite

Daily	Apr 15	16	17	18	19
Issues Traded	306	303	308	304	301
Advances	80	121	119	137	144
Declines	215	163	175	143	136
Unchanged	11	19	14	24	21
New Highs	4	1	1	4	9
New Lows	15	15	12	15	9
Blocks - primary	216	154	186	173	197
Total (000) - primary	18,534	14,880	14,649	13,923	16,581
Total (000)	468,242	276,191	230,971	205,107	292,647

Nasdaq

Daily	Apr 15	16	17	18	19
Issues Traded	4,409	4,390	4,366	4,333	4,317
Advances	943	1,449	1,652	1,902	2,153
Declines	3,307	2,764	2,558	2,255	2,010
Unchanged	159	177	156	176	154
New Highs	35	29	25	21	34
New Lows	335	361	239	238	206
Blocks - primary	30,653	38,120	37,491	38,555	39,425
Total (000)	4,910,553	5,001,860	4,991,474	4,932,545	5,316,012

NYSE Arca Composite

Daily	Apr 15	16	17	18	19
Issues Traded	1,954	1,942	1,928	1,918	1,924
Advances	251	337	805	712	1,027
Declines	1,686	1,581	1,099	1,175	872
Unchanged	17	24	24	31	25
New Highs	14	7	3	7	5
New Lows	48	62	31	29	43
Blocks - primary	1,564	1,374	1,242	1,323	1,352
Total (000) - primary	397,525	400,931	356,518	328,347	363,337
Total (000)	1,922,336	1,904,746	1,716,195	1,555,416	1,754,640

Other Market Indexes

Daily	4/15	4/16	4/17	4/18	4/19
NYSE Amer Comp	4810.99	4847.28	4829.24	4778.20	4834.86
AmMajorMkt	3535.24	3534.30	3536.35	3528.18	3550.49
BNY ADR Idx	174.15	172.61	172.05	170.78	170.38
Europe	168.71	167.71	167.24	166.52	166.76
Latin Am	207.13	203.39	203.80	203.38	206.80
Asia	203.83	201.48	200.49	197.94	195.86
Emerg M	323.30	320.34	319.44	314.32	311.73
DJ US TSM Float	50296.17	50179.18	49868.14	49759.28	49376.46
Nasdaq Cmp	15885.02	15865.25	15683.37	15601.50	15282.01
100 Index	17706.83	17713.66	17493.62	17394.31	17037.65
Indus.	9547.19	9510.75	9455.84	9393.21	9288.67
Insur.	13616.59	13649.65	13582.48	13716.20	13918.39
Banks	3472.12	3438.77	3447.04	3462.77	3564.87
Computer	14407.45	14423.50	14204.18	14124.91	13688.07
Telecom	379.87	378.20	377.57	380.79	383.97
NYSE Comp.-z	17506.93	17413.98	17403.44	17388.09	17458.77
Financial-z	10113.21	10023.14	10034.93	10068.32	10175.48
Health Care-z	24992.32	24976.27	24973.00	24947.10	25037.04
Energy-z	14553.40	14433.07	14393.29	14350.99	14534.60
Russell 1000	2771.65	2765.32	2749.04	2743.13	2721.15
2000	1975.71	1967.48	1947.95	1942.96	1947.66
3000	2892.64	2885.76	2868.18	2861.96	2840.52
Value-v	1680.92	1671.84	1668.37	1669.78	1680.04
Growth-v	3291.80	3292.64	3263.07	3248.07	3184.26
MidCap	3183.77	3166.52	3151.65	3146.20	3146.95
S&P 100 Index	2401.32	2397.84	2383.54	2378.64	2348.68
500	5061.82	5051.41	5022.21	5011.12	4967.23
Ind.	7299.50	7294.63	7239.31	7213.54	7116.11
MidCap	2868.88	2854.87	2831.24	2825.94	2836.88
SmallCap	1258.69	1251.44	1241.62	1242.69	1253.80
Value Line(A)	9931.82	9880.26	9826.58	9824.88	9858.43
Value Line(G)	578.56	575.49	572.26	572.09	573.92
DJ US Small TSM	13640.17	13565.35	13441.31	13418.61	13485.72

(A)-Arithmetic Index. (G)-Geometric Index.
(v)-Value 1000 and Growth 1000. (y)-Dec. 31,1965=50. (z)-Dec. 31,2002=5000.

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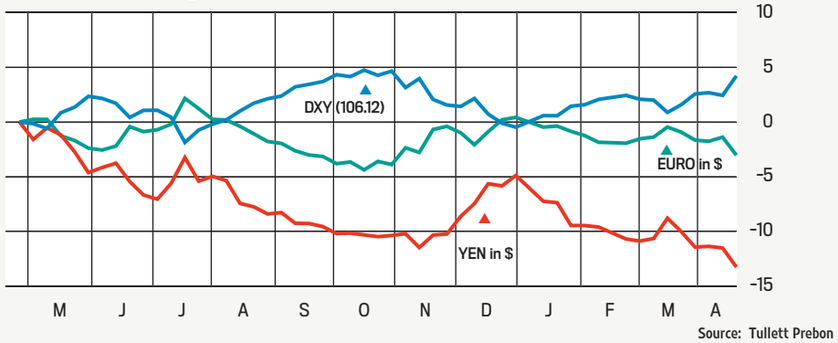
The Week In Stocks For the Major Indexes

12-Month High	12-Month Low		Weekly High	Weekly Low	Friday Close	Friday Chg.	Weekly % Chg.	12-Month Chg.	12-Month % Chg.	Change From 12/29	Change From % Chg.
Dow Jones Indexes											
39807.37	32417.59	30 Indus	37986.40	37735.11	37986.40	3.16	0.01	4177.44	12.36	296.86	0.79
16695.32	13444.01	20 Transp	15388.34	14946.93	15083.72	-414.39	-2.67	670.14	4.65	-815.13	-5.13
975.39	783.08	15 Utilities	875.61	835.53	875.61	20.70	2.42	-93.73	-9.67	-6.06	-0.69
12735.74	10596.53	65 Comp	12127.87	12025.72	12127.87	-51.04	-0.42	815.15	7.21	-122.10	-1.00
Dow Jones Indexes											
52402.86	40414.80	US TSM Float	50296.17	49376.46	49376.46	-1563.46	-3.07	8105.28	19.64	1588.99	3.33
1284.21	987.66	US Market	1234.27	1211.34	1211.34	-38.67	-3.09	203.59	20.20	43.62	3.74
949.22	627.77	Internet	905.26	880.41	880.41	-47.83	-5.15	228.93	35.14	28.92	3.40
New York Stock Exchange											
18312.67	14675.78	Comp-z	17506.93	17388.09	17458.77	-180.27	-1.02	1879.84	12.07	605.88	3.60
10702.54	8154.87	Financial-z	10175.48	10023.14	10175.48	-10.62	-0.10	1465.65	16.83	293.70	2.97
26551.78	22022.96	Health Care-z	25037.04	24947.10	25037.04	20.98	0.08	1550.54	6.60	869.90	3.60
14932.83	11635.80	Energy-z	14553.40	14350.99	14534.60	-164.28	-1.12	1663.98	12.93	1275.06	9.62
NYSE American Stock Exchange											
5076.22	3871.21	NYSE Amer Comp	4847.28	4778.20	4834.86	-55.45	-1.13	580.56	13.65	240.54	5.24
3668.76	2958.35	Major Mkt	3550.49	3528.18	3550.49	-8.85	-0.25	437.51	14.05	162.41	4.79
Standard & Poor's Indexes											
2479.42	1858.58	100 Index	2401.32	2348.68	2348.68	-84.15	-3.46	460.38	24.38	112.49	5.03
5254.35	4055.99	500 Index	5061.82	4967.23	4967.23	-156.18	-3.05	833.71	20.17	197.40	4.14
7545.07	5738.28	Indus	7299.50	7116.11	7116.11	-280.51	-3.79	1284.63	22.03	287.15	4.20
3046.36	2326.82	MidCap	2868.88	2825.94	2836.88	-62.84	-2.17	338.05	13.53	55.34	1.99
1344.66	1068.80	SmallCap	1258.69	1241.62	1253.80	-16.25	-1.28	93.69	8.08	-64.46	-4.89
Nasdaq Stock Market											
16442.20	11799.16	Comp	15885.02	15282.01	15282.01	-893.08	-5.52	3209.55	26.59	270.66	1.80
18339.44	12725.11	100 Index	17713.66	17037.65	17037.65	-965.84	-5.36	4036.88	31.05	211.71	1.26
9867.56	7981.76	Indus	9547.19	9288.67	9288.67	-417.61	-4.30	1083.61	13.21	-185.03	-1.95
14491.11	10885.14	Insur	13918.39	13582.48	13918.39	193.71	1.41	2290.96	19.70	1315.87	10.44
3842.86	2658.90	Banks	3564.87	3438.77	3564.87	74.62	2.14	497.00	16.20	-210.24	-5.57
14942.81	9393.20	Computer	14423.50	13688.07	13688.07	-1013.98	-6.90	4039.22	41.86	691.84	5.32
427.98	375.82	Telecom	383.97	377.57	383.97	2.75	0.72	3.09	0.81	-33.12	-7.94
Russell Indexes											
2881.91	2218.13	1000	2771.65	2721.15	2721.15	-85.68	-3.05	458.32	20.25	99.01	3.78
2124.55	1636.94	2000	1975.71	1942.96	1947.66	-55.52	-2.77	156.15	8.72	-79.42	-3.92
3012.90	2325.98	3000	2892.64	2840.52	2840.52	-89.01	-3.04	465.69	19.61	92.31	3.36
1765.86	1415.59	Value-v	1680.92	1668.37	1680.04	-12.19	-0.72	160.54	10.57	50.62	3.11
3414.18	2408.30	Growth-v	3292.64	3184.26	3184.26	-165.33	-4.94	727.49	29.61	132.59	4.34
3366.31	2594.10	MidCap	3183.77	3146.20	3146.95	-77.18	-2.39	355.33	12.73	35.07	1.13
Others											
10551.11	8310.43	Value Line-a	9931.82	9824.88	9858.43	-186.19	-1.85	884.63	9.86	-159.73	-1.59
615.81	498.09	Value Line-g	578.56	572.09	573.92	-11.29	-1.93	19.70	3.56	-19.94	-3.36
14640.66	11320.09	DJ US Small TSM	13640.17	13418.61	13485.72	-344.79	-2.49	1109.83	8.97	-566.75	-4.03
1106.47	831.60	Barron's Future Focus	1050.32	1036.87	1036.87	-26.95	-2.53	163.95	18.78	8.51	0.83
1166.53	881.58	Barron's 400	1105.03	1092.05	1095.28	-20.49	-1.84	170.14	18.39	22.88	2.13

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

U.S. Dollar Index vs Euro and Yen

Springing Ahead: As Europe's central bankers look likely to cut rates earlier than the Fed, the dollar rose and the euro fell. It's lifted the JPMorgan G-7 volatility index–which measures the cost of hedging swings in currency pairs–to the highest level of the year. And the ICE U.S. Dollar Index rose 1% on the week.



Source: Tullett Prebon

Coming U.S. Auctions

Monday		Yields (%) When Issued*	Last Auction
$70.0 bil	3-month	5.381	5.250
$70.0 bil	6-month	5.363	5.155
Tuesday			
$69.0 bil	2-year	4.976	4.595
Wednesday			
$70.0 bil	5-year	4.663	4.235
Thursday			
$44.0 bil	7-year	4.649	4.185

* As of Friday afternoon.

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
Cloudflare	NET	219,580	21,299,260	4/10/24	Ledbetter, Carl	AF
Select Water Solutions	WTTR	219,461	2,073,906	4/10/24	Swyka, Nicholas	FO
Sprinklr	CXM	197,793	2,244,456	4/16/24	Ohls, Paul	FO
Jpmorgan Chase & Co	JPM	178,222	32,824,627	4/15/24	Dimon, James	CEO
Sunrun	RUN	172,920	2,066,191	4/11/24	Fenster, Edward	D
Coursera	COUR	150,000	1,980,000	4/11/24	Maggioncalda, Jeffrey	OD
Doordash	DASH	132,300	17,663,871	4/16/24	Xu, Tony	H
Natera	NTRA	80,000	7,265,648	4/16/24	Moshkevich, Solomon	O
Pure Storage	PSTG	73,500	3,950,625	4/12/24	Dietzen, Scott	D
Rocket Pharmaceuticals	RCKT	70,000	1,705,261	4/12/24	Southwell, David	D

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 2022 and 2021, and S&P latest for 2023 and 2022. r-Revised data

	Last Week	Prev. Week	Last Year
DJ Ind Avg	**37986.40**	**37983.24**	**33808.96**
P/E Ratio	26.70	26.61	22.07
Earns Yield %	3.75	3.76	4.53
Earns $	1422.84	1427.51	1532.22
Divs Yield %	1.91	1.91	2.08
Divs $	725.41	724.32	701.89
Mkt to Book	4.96	4.96	4.54
Book Value $	7664.40	7664.40	7439.45
DJ Trans Avg	**15083.72**	**15498.11**	**14413.58**
P/E Ratio	14.85	15.22	11.10
Earns Yield %	6.73	6.57	9.01
Earns $	1015.67	1018.39	1298.16
Divs Yield %	1.56	1.51	1.39
Divs $	234.74	234.74	201.05
Mkt to Book	4.29	4.41	4.48
Book Value $	3514.52	3514.52	3214.72
DJ Utility Avg	**875.61**	**854.91**	**969.34**
P/E Ratio	18.52	18.08	26.71
Earns Yield %	5.40	5.53	3.74
Earns $	47.29	47.29	36.29
Divs Yield %	3.59	3.68	3.08
Divs $	31.45	31.45	29.89
Mkt to Book	1.94	1.90	2.23
Book Value $	450.45	450.45	435.47
S&P 500 Index	**4967.23**	**5123.41**	**4133.52**
P/E Ratio	25.81	26.62	23.93
Earns Yield %	3.87	3.76	4.18
Earns $	192.44	192.44	172.75
Divs Yield %	1.48	1.43	1.68
Divs $	73.52	73.26	69.44
Mkt to Book	4.49	4.63	4.03
Book Value $	1106.21	1106.21	1024.56
S&P Ind Index	**7116.11**	**7396.62**	**5831.48**
P/E Ratio	28.86	30.00	25.12
Earns Yield %	3.46	3.33	3.98
Earns $	246.55	246.55	232.18
Divs Yield %	1.31	1.26	1.51
Divs $	93.22	93.20	88.06
Mkt to Book	5.95	6.19	5.32
Book Value $	1195.42	1195.42	1095.83

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	**12.14**	2.50	33.26	Johnson&John	**8.39**	4.76	29.39
Amgen	12.49	8.64	6.86	JPMorgChase	16.56	4.25	90.29
Apple	6.42	0.96	3.18	McDonalds	11.57	6.38	(8.06)
Boeing	(3.68)	Nil	(26.58)	Merck Co	0.14	3.00	18.12
Caterpillar	20.14	**5.20**	30.73	Microsoft	11.06	2.86	27.75
Chevron Corp	11.36	6.16	83.17	Nike Inc	3.40	1.42	9.14
Cisco Sys	3.29	1.57	9.68	Proc Gam	**6.12**	**3.8286**	19.46
Coca Cola	2.48	1.87	5.57	3M Co	(12.63)	6.01	26.80
Disney Walt	1.62	Nil	52.09	Salesforce.com	4.20	0.40	57.84
Dow	0.82	2.80	29.39	Travelers Cos	**13.46**	4.00	92.89
Goldman Sachs	**25.61**	10.75	317.90	UnitedHealth Grp	23.84	7.52	83.27
Home Depot	15.10	8.52	1.54	Verizon	2.76	2.6475	21.70
Honeywell	8.47	4.22	24.99	Visa	8.75	1.94	16.08
IBM	8.15	6.64	24.22	Amazon	(0.27)	Nil	14.26
Intel	0.63	0.50	24.52	Wal-mart	5.74	0.7775	28.48

Transportation Stocks

Alaska Air Group	**1.87**	Nil	29.92	Kirby Corp	3.72	Nil	50.79
American Airlines	1.10	Nil	(8.91)	Landstar Sys	7.35	1.29	24.70
Avis Budget Grp	42.61	Nil	(18.03)	Matson Inc	8.38	1.27	63.28
C.H. Robinson	2.71	2.44	11.64	Norf Southern	8.02	5.40	55.83
CSX Corp	**1.82**	0.45	6.11	Old Dominion	11.26	1.72	33.14
Delta Air Lines	7.78	0.30	10.26	Ryder Sys	8.71	2.75	63.45
Expeditors Int'l	5.00	1.38	20.15	Southwest Air	0.75	0.72	17.99
FedEx	17.34	5.04	103.86	Un Pacific	10.46	5.20	19.86
Hunt (JB)	**6.30**	1.69	35.34	UPS	7.79	6.49	23.04
Uber Technologies	(4.69)	Nil	3.66	United Airlines	**8.09**	Nil	21.09

Utility Stocks

AES Corp.	0.33	0.6702	2.39	Exelon	2.33	1.46	24.89
Am Elec	4.25	3.37	46.50	FirstEnergy	1.96	1.56	17.77
American Water Works	4.89	2.7775	42.30	NextEra Energy	3.61	1.92	19.74
Atmos Energy	6.30	3.09	66.85	Xcel Energy	3.21	2.11	30.34
Con Ed	7.20	3.26	58.27	Pub Sv Ent	5.13	2.31	27.62
Dominion Energy	1.96	2.67	31.26	Sempra Energy	4.79	2.41	83.43
Duke Energy	1.27	4.08	61.51	Southn Co.	3.64	2.80	27.67
Edison Int'l	3.12	3.04	35.70				

Stock Volume

	Last Week	Prev. Week	Year Ago	YOY % Chg
NYSE(a)	4,695,754	4,287,229	4,034,277	16.40
30 Dow Inds (b)	1,784,113	1,745,823	1,288,630	38.45
20 Dow Trans (b)	695,717	562,027	570,775	21.89
15 Dow Utils (b)	301,747	261,907	206,996	45.77
65 Dow Stks (b)	2,781,577	2,569,757	2,066,401	34.61
NYSE American (a)	78,567	89,642	47,771	64.47
Nasdaq(d)	25,152,444	23,831,660	24,106,295	4.34
NYSE 15 Most Active				
Average Price	16.29	13.90	19.48	-16.38
% Tot Vol	13.88	12.75	14.92	-6.97
Stock Offerings $(z,v)	2,439,600	r1,766,900	1,047,500	132.90

Daily Stock Volume	4/15	4/16	4/17	4/18	4/19
NYSE(a)	954,677	921,344	869,339	886,894	1,063,501
30 Inds (b)	391,710.0	341,958.7	318,711.8	305,520.6	426,211.6
20 Trans (b)	103,270.6	107,744.9	205,426.4	158,119.0	121,155.8
15 Utils (b)	58,528.1	61,250.7	60,393.8	49,740.5	71,834.1
65 Stks (b)	553,508.7	510,954.3	584,532.0	513,380.1	619,201.6
NYSE Amer(a)	18,534	14,880	14,649	13,923	16,581
Nasd(d)	4,910,553	5,001,860	4,991,474	4,932,545	5,316,012
NYSE 15 Most Active					
Avg. Price	14.29	16.54	12.22	22.04	24.18
% Tot Vol	14.79	15.01	14.19	14.54	14.19

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: LSEG.

NYSE HALF-HOURLY VOLUME

Daily	4/15	4/16	4/17	4/18	4/19
9:30-10:00	94,871	97,079	80,779	73,265	118,382
10:00-10:30	40,656	40,351	34,420	32,611	37,660
10:30-11:00	32,963	37,385	31,173	32,781	32,536
11:00-11:30	29,394	33,497	29,565	29,812	28,246
11:30-12:00	25,030	30,911	28,384	27,383	27,645
12:00-12:30	25,559	24,905	28,838	23,184	28,634
12:30-1:00	23,760	22,067	25,923	25,493	24,813
1:00-1:30	28,927	26,352	25,339	28,868	23,781
1:30-2:00	36,091	38,099	25,577	24,333	23,581
2:00-2:30	29,622	33,456	24,696	26,540	27,802
2:30-3:00	30,378	26,891	30,515	26,596	30,376
3:00-3:30	38,961	33,323	33,122	32,363	34,718
3:30-4:00	518,465	477,027	471,007	503,665	625,327

Selected IPOs

	Ticker	Initial Offer Price	IPO Date	Recent Price	%Chg
Tungray Technologies	TRSG	4.00	4/19	5.95	48.8%
Centuri	CTRI	21.00	4/18	23.95	14.0%
Ibotta	IBTA	88.00	4/18	98.00	11.4%
Mingteng International	MTEN	4.00	4/18	3.70	-7.5%
Junee	JUNE	4.00	4/17	4.07	1.8%
Top Wealth Group	TWG	4.00	4/16	3.73	-6.8%

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	72%	77%	78%
AAII Index			
Bullish	38.3%	43.4%	47.3%
Bearish	34.0	24.0	22.2
Neutral	27.8	32.5	30.5
Market Vane			
Bullish Consensus	66%	69%	69%
TIM Group Market Sentiment			
Indicator	48.3%	48.8%	45.7%

Sources: Consensus Inc.; American Association of Individual Investors; Market Vane; TIM Group

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	4/15	4/16	4/17	4/18	4/19
NYSE	.74	1.68	.90	.79	1.16
NYSE American	.33	3.80	1.68	1.43	.30
Nasdaq	.75	.54	.71	.57	.95

New Listings

NYSE

Centuri (CTRI)
Ibotta (IBTA)

Nasdaq

CDT Environmental (CDTG)
Junee (JUNE)
Mingteng (MTEN)
Serve Robotics (SERV)
Top Wealth Group (TWG)
Tungray Technologies (TRSG)

Trading Suspended

NYSE

Kaman (KAMN)
M.D.C. (MDC)

Nasdaq

Green Giant (GGE)
Mobile Global (MGAM)
Motus GI (MOTS)
NextPlay Tech (NXTP)
ProSomnus (OSA)
Semantix (STIX)

Name Changes

NYSE & NYSE American

None

Nasdaq

iLearningEngines (AILE), formerly Arrowroot Acquisition (ARRW)
Xylo Technologies (XYLO), formerly Medigus (MDGS)

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Dow Jones U.S. Total Market Industry Groups

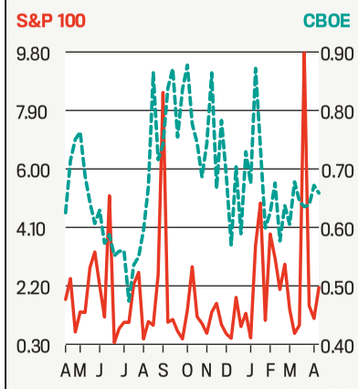
Top 20 Weekly Ranked	IG-Sym	Close	Net Change Wkly	Net Change YTD	% Change and Ranking Week	Rank	Yr Ago	Rank	YTD	Rank	3 Yr	52 Week High	52 Week Low
Airlines	DJUSAR	165.81	+11.51	17.16	+7.46	[1]	+12.59	[62]	+11.54	[17]	–11.19	197.51	116.42
Health Care Providers	DJUSHP	3086.23	+142.15	–89.65	+4.83	[2]	–.08	[98]	–2.82	[103]	+3.33	3,260.67	2,863.86
Personal Products	DJUSCM	520.62	+16.92	–18.94	+3.36	[3]	–21.96	[136]	–3.51	[106]	–11.25	683.51	422.60
Footwear	DJUSFT	2007.69	+57.29	–144.80	+2.94	[4]	–15.96	[129]	–6.73	[113]	–6.45	2,413.52	1,754.88
Personal Goods	DJUSPG	638.92	+16.98	–74.67	+2.73	[5]	–15.74	[127]	–10.46	[123]	–9.20	767.76	590.93
Tobacco	DJUSTB	655.38	+12.50	–8.46	+1.94	[6]	–10.17	[119]	–1.27	[89]	–3.28	730.57	626.89
Food Products	DJUSFP	606.80	+10.38	–8.11	+1.74	[7]	–11.31	[120]	–1.32	[91]	–.60	705.49	544.16
Clothing & Accessories	DJUSCF	280.78	+4.64	–81.09	+1.68	[8]	–6.27	[113]	–22.41	[134]	–11.18	363.96	259.51
Food Producers	DJUSFO	427.32	+6.58	–11.50	+1.56	[9]	–13.59	[122]	–2.62	[100]	–1.45	509.88	395.57
Nonferrous Metals	DJUSNF	670.98	+9.23	101.53	+1.39	[10]	+16.76	[52]	+17.83	[4]	+9.56	686.23	444.25
Nondurable Hshld Pdts	DJUSHN	1239.73	+15.38	81.39	+1.26	[11]	+5.63	[81]	+7.03	[33]	+4.38	1,280.13	1,106.08
Soft Drinks	DJUSSD	908.80	+10.76	.38	+1.20	[12]	–5.82	[112]	+.04	[81]	+4.25	1,002.39	820.19
Food & Beverage	DJUSFB	750.58	+8.46	–6.59	+1.14	[13]	–8.38	[117]	–.87	[87]	+1.26	845.54	685.24
Water	DJUSWU	2449.23	+27.28	–262.89	+1.13	[14]	–19.85	[134]	–9.69	[121]	–9.68	3,144.92	2,371.24
Beverages	DJUSBV	973.08	+8.53	2.25	+.88	[15]	–4.74	[109]	+.23	[79]	+3.18	1,059.38	880.79
Mobile Telecom	DJUSWC	341.30	+2.89	14.23	+.85	[16]	+4.49	[83]	+4.35	[50]	–6.57	358.39	273.15
Aluminum	DJUSAL	121.17	+.92	5.02	+.77	[17]	–15.85	[128]	+4.32	[52]	–.15	137.43	79.97
Health Care Equip & Svcs	DJUSMC	2297.99	+17.50	–2.45	+.77	[18]	+.84	[96]	–.11	[82]	+.91	2,436.13	2,067.17
Drug Retailers	DJUSRD	947.77	+7.07	5.87	+.75	[19]	+7.31	[74]	+.62	[77]	+2.07	1,012.59	805.60
Insurance Brokers	DJUSIB	668.33	+4.93	42.95	+.74	[20]	+7.19	[75]	+6.87	[35]	+11.64	703.54	596.89

Top 20 Yr Ago Ranked	IG-Sym	Close	Net Change Wkly	Net Change YTD	% Change and Ranking Week	Rank	Yr Ago	Rank	YTD	Rank	3 Yr	52 Week High	52 Week Low
Semiconductor	DJUSSC	14547.98	–720.71	3,165.21	–4.72	[126]	+90.51	[1]	+27.81	[1]	+26.43	16,329.18	7,257.94
Internet	DJUSNS	4152.71	–69.42	655.91	–1.64	[75]	+66.68	[2]	+18.76	[3]	+8.51	4,285.91	2,435.06
Broadline Retailers	DJUSRB	3692.64	–120.24	480.70	–3.15	[111]	+60.51	[3]	+14.97	[6]	+2.29	3,863.34	2,297.11
Travel & Tourism	DJUSTT	1039.41	–36.06	59.10	–3.35	[114]	+53.72	[4]	+6.03	[42]	+2.81	1,135.72	644.29
Home Construction	DJUSHB	2435.16	–105.50	55.44	–4.15	[122]	+48.81	[5]	+2.33	[62]	+16.62	2,723.52	1,626.41
Software & Computer Svcs	DJUSSV	6029.57	–197.78	463.73	–3.18	[112]	+45.90	[6]	+8.33	[26]	+8.68	6,323.63	3,974.62
Bldg Materials & Fixtures	DJUSBD	2014.92	–63.31	127.14	–3.05	[108]	+42.87	[7]	+6.73	[37]	+8.74	2,180.79	1,380.53
Technology Hardware & Equip	DJUSTQ	5650.67	–277.79	473.61	–4.69	[125]	+41.56	[8]	+9.15	[23]	+16.92	6,102.73	3,851.35
General Retailers	DJUSGT	2649.87	–75.93	265.60	–2.79	[101]	+40.80	[9]	+11.14	[18]	+2.21	2,769.90	1,866.24
Construction & Materials	DJUSCN	1600.45	–51.90	113.22	–3.14	[110]	+40.56	[10]	+7.61	[28]	+10.23	1,725.24	1,114.56
Recreational Svcs	DJUSRQ	97.50	–1.21	–8.23	–1.23	[59]	+39.25	[11]	–7.78	[118]	–3.15	107.28	66.40
Industrial Suppliers	DJUSDS	779.29	–32.47	52.73	–4.00	[121]	+38.86	[12]	+7.26	[30]	+18.54	861.77	555.87
Retail	DJUSRT	2381.53	–64.27	233.06	–2.63	[98]	+38.61	[13]	+10.85	[20]	+3.39	2,490.84	1,703.11
Marine Transportation	DJUSMT	311.74	–9.65	54.13	–3.00	[106]	+38.00	[14]	+21.01	[2]	+15.17	328.25	218.62
Software	DJUSSW	6406.20	–277.71	197.65	–4.15	[123]	+36.79	[15]	+3.18	[58]	+9.22	6,886.43	4,465.72
Full Line Insurance	DJUSIF	70.88	–.77	4.48	–1.08	[57]	+33.88	[16]	+6.75	[36]	+13.39	76.32	50.82
Electrical Comps & Equip	DJUSEC	655.71	–16.75	68.28	–2.49	[92]	+31.67	[17]	+11.62	[16]	+7.63	684.27	474.77
Commercial Vehicles	DJUSHR	4625.31	–77.91	523.52	–1.66	[76]	+31.56	[18]	+12.76	[11]	+9.74	4,855.92	3,153.24
Mortgage Finance	DJUSMF	9.64	–.22	–.15	–2.23	[87]	+30.96	[19]	–1.56	[93]	+2.98	11.08	7.17
Property & Casualty	DJUSIP	1626.80	+2.52	217.13	+.16	[29]	+29.83	[20]	+15.40	[5]	+16.49	1,698.85	1,179.52

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.

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

Conference Call Calendar

Company	Date	Time	Earnings-Related Period
Alexandria Real Estate Equities	April 23	3:00PM	Q1
Align Technology	April 24	4:30PM	Q1
Allegion PLC	April 25	8:00AM	Q1
Alphabet	April 25	4:30PM	Q1
American Airlines	April 25	8:30AM	Q1
Ameriprise Financial	April 23	9:00AM	Q1
AT&T	April 24	8:30AM	Q1
Baker Hughes	April 24	9:30AM	Q1
Biogen	April 24	8:30AM	Q1
Boeing	April 24	10:30AM	Q1
Capital One Financial	April 25	5:00PM	Q1
Caterpillar	April 25	8:30AM	Q1
Charter Communications	April 26	8:30AM	Q1
Chevron	April 26	11:00AM	Q1
Chipotle Mexican Grill	April 24	4:30PM	Q1
Cincinnati Financial	April 26	11:00AM	Q1
CMS Energy	April 25	9:30AM	Q1
Comcast	April 25	8:30AM	Q1
Danaher	April 23	8:00AM	Q1
Dover	April 25	9:30AM	Q1
DTE Energy	April 25	8:30AM	Q1
Eastman Chemical	April 26	8:00AM	Q1
Edwards Lifesciences	April 25	5:00PM	Q1
Entergy	April 24	11:00AM	Q1
Exxon Mobil	April 26	8:30AM	Q1
Fiserv	April 23	8:00AM	Q1
General Dynamics	April 24	9:00AM	Q1
General Motors	April 23	8:30AM	Q1
Gilead Sciences	April 25	4:30PM	Q1
Halliburton	April 23	9:00AM	Q1
Hasbro	April 24	8:30AM	Q1
HCA Healthcare	April 26	10:00AM	Q1
Healthpeak Properties	April 26	9:00AM	Q1
Hilton Worldwide	April 24	9:00AM	Q1
Honeywell International	April 25	8:30AM	Q1
Humana	April 24	9:00AM	Q1
Intel	April 25	5:00PM	Q1
International Paper	April 25	10:00AM	Q1
Keurig Dr Pepper	April 25	8:00AM	Q1
Lam Research	April 24	5:00PM	Q3
Lockheed Martin	April 23	11:00AM	Q1
Merck & Co I	April 25	9:00AM	Q1
Microsoft	April 25	5:30PM	Q3
Mohawk Industries	April 26	11:00AM	Q1
MSCI	April 23	10:00AM	Q1
Nasdaq	April 25	8:00AM	Q1
Newmont	April 25	11:00AM	Q1
Nextera Energy	April 23	9:00AM	Q1
Northrop Grumman	April 25	9:00AM	Q1
Nucor	April 23	10:00AM	Q1
PG&E	April 25	11:00AM	Q1
Phillips 66	April 26	12:00PM	Q1
Principal Financial Group	April 26	10:00AM	Q1
Quest Diagnostics	April 23	8:30AM	Q1
Resmed	April 25	4:30PM	Q3
Texas Instruments	April 23	4:30PM	Q1
Tractor Supply	April 25	10:00AM	Q1
Union Pacific	April 25	8:45AM	Q1
VeriSign	April 25	4:30PM	Q1
Visa	April 23	5:00PM	Q2
Waste Management	April 25	10:00AM	Q1
Weyerhaeuser	April 26	10:00AM	Q1
Willis Towers Watson PLC	April 25	9:00AM	Q1
Xcel Energy	April 25	10:00AM	Q1

Source: CCBN, www.ccbn.com

Foreign Exchange

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	.0011	.0012	871.3237	866.7460
Australia (Dollar)	.6419	.6477	1.5579	1.5439
Bahrain (Dinar)	2.6525	2.6525	.3770	.3770
Brazil (Real)	.1922	.1954	5.2023	5.1183
Bulgaria (Lev)	.5449	.5441	1.8352	1.8379
Canada (Dollar)	.7274	.7259	1.3749	1.3776
Chile (Peso)	.001047	.001037	955.21	964.07
China (Renminbi)	.1381	.1382	7.2398	7.2370
Colombia (Peso)	.0002559	.0002592	3907.50	3857.88
Czech. Rep. (Koruna)	.....	.....	.....	.....
Commercial rate	.04220	.04201	23.698	23.801
Denmark (Krone)	.1428	.1426	7.0018	7.0114
EcuadorUS Dollar	1.0000	1.0000	1.0000	1.0000
Egypt (Pound)-y	.0207	.0210	48.3379	47.5774
Hong Kong (Dollar)	.1277	.1276	7.8327	7.8368
Hungary (Forint)	.002706	.002709	369.56	369.08
Iceland (Krona)	.007081	.007063	141.23	141.59
India (Rupee)	.01198	.01196	83.470	83.602
Indonesia (Rupiah)	.0000617	.0000620	16218	16118
Israel (Shekel)	.2659	.2652	3.7611	3.7702
Japan (Yen)	.006466	.006524	154.65	153.28
Kazakhstan (Tenge)	.002240	.002226	446.42	449.28
Kuwait (Dinar)	3.2423	3.2444	.3084	.3082
Macau (Pataca)	.1239	.1238	8.0715	8.0770
Malaysia (Ringgit)-b	.2090	.2096	4.7840	4.7700
Mexico (Peso)	.....	.....	.....	.....
Floating rate	.0585	.0601	17.0971	16.6419
New Zealand (Dollar)	.5888	.5952	1.6984	1.6801
Norway (Krone)	.0908	.0917	11.0179	10.9014
Oman (Rial)	2.5973	2.5976	.3850	.3850
Pakistan (Rupee)	.00359	.00360	278.650	277.950
Philippines (Peso)	.01740	.01766	57.486	56.616
Poland (Zloty)	.2473	.2482	4.0441	4.0293
Qatar (Rial)	.2747	.2746	3.6408	3.6415
Saudi Arabia (Riyal)	.2666	.2666	3.7515	3.7513
Singapore (Dollar)	.7345	.7346	1.3615	1.3613
South Africa (Rand)	.0523	.0529	19.1225	18.8964
South Korea (Won)	.0007275	.0007243	1374.58	1380.60
Sri Lanka (Rupee)	.0033	.0034	302.0500	298.3600
Sweden (Krona)	.0916	.0918	10.9227	10.8906
Switzerland (Franc)	1.0984	1.0939	.9104	.9142
Taiwan (Dollar)	.03073	.03096	32.536	32.303
Thailand (Baht)	.02715	.02731	36.830	36.620
Turkey (New Lira)-d	.0308	.0309	32.5041	32.3619
Ukraine (Hryvnia)	.0251	.0253	39.8500	39.4500
U.K. (Pound)	1.2371	1.2459	.8083	.8026
Uruguay (Peso)	.....	.....	.....	.....
Financial	.02604	.02587	38.398	38.658
Euro	1.0658	1.0641	.9383	.9397

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.

Money Rates

	Latest Week	Prev. Week	Yr Ago
Discount Rate (NY)	5.50	5.50	5.00
Prime Rate (base)	8.50	8.50	8.00
Fed Funds Rate			
Avg effective offer	5.33	5.33	4.85
Avg weekly auction-c	5.33	5.33	4.83
T-Bills Rate			
13 weeks, Coupon Yield	5.395	5.368	5.232
13 weeks, Auction Rate	5.250	5.225	5.080
26 weeks, Coupon Yield	5.366	5.329	5.076
26 weeks, Auction Rate	5.155	5.120	4.870
Avg weekly auction-c	5.24	5.22	4.93
Broker Call Rate	7.25	7.25	6.75
Bankers Acceptances			
1 month	5.38	5.38	4.93
2 months	5.38	5.38	5.03
3 months	5.41	5.41	5.20
6 months	5.40	5.40	5.23
Foreign Prime Rates			
Canada	7.20	7.20	6.70
Germany	4.50	4.50	3.50
Japan	1.475	1.475	1.475
Switzerland	2.00	2.00	2.00
Britain	5.25	5.25	4.25
Other Money Rates			
Fannie Mae Home Loan:			
30-Year Fixed Conv	6.77	6.62	5.98
Bank money market-z	0.60	0.60	0.32
Interest Checking-z	0.10	0.10	0.06
6-Month Certif-z	1.91	1.91	1.19
12-Month Certif-z	1.95	1.95	1.66
30 Month Accounts-z	1.46	1.46	1.31
5-Year Certificates-z	1.48	1.47	1.22
U.S. Savings EE Bonds:			
Long-Term (5yrs+)	2.70	2.70	2.10

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.

Delta Market Sentiment Indicator

The Delta MSI measures the position of a representative set of 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. When the indicator is below 50%, risk is elevated and stock exposures should be reduced. Manager uses discretion on asset allocation when MSI is at 50% +/- 3%.

Bullish

Current Sentiment

51.9%

Last Week

72.6%

2 Weeks ago

79.5%

3 Weeks ago

Current Market Exposure: 100% Equities, 0% Bonds, 0% Cash

Source: Delta Investment Management www.deltaim.com, (415) 249-6337

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,	Mar	101.8	r101.5	99.4	2.41
Capacity utilization %	Mar	78.4	r78.2	79.4	–1.26
Industrial output a,	Mar	102.7	102.3	102.5	0.20
Manufacturing (NAICS) a,	Mar	100.5	r100.0	99.3	1.21
Nondurable manufacturing (NAICS) a	Mar	99.2	r98.5	99.3	–0.10
Production					
Electric power, (mil. kw hrs) (EEI)	Apr 13	68,989	71,574	68,576	0.60
Mining (NAICS) a,	Mar	115.7	r117.3	116.7	–0.86
Petroleum, related capacity, %	Apr 12	88.1	88.3	91.0	–3.19
Rotary rigs running, U.S. & Can., (Hughes)	Apr 19	746	758	858	–13.05
Steel, (thous. tons)	Apr 13	1,726	1,745	1,687	2.31
Steel, rated capacity, % (AISI)	Apr 13	77.7	78.6	75.0	3.60
Utilities a	Mar	103.5	r101.4	109.0	–5.05
Consumption and Distribution					
Business sales, (mil. $)	Feb	1,866.48	r1,836.97	1,848.68	0.96
Instinet Research Redbook Avg. (monthly %)	Apr 13	–0.78	–2.54	–1.28	....
Baltic Dry Index	Apr 19	1,919	1,729	1,504	27.59
Retail store sales, (bil. $)	Mar	709.6	r704.5	682.2	4.02
Inventories					
Business inventories, (bil. $)	Feb	2,567.54	r2,556.11	2,541.30	1.03
Domestic crudeoil, (thous. bbls) Comm. (Excl. Lease Stck)	Apr 12	459,993	457,258	465,968	–1.28
Gasoline, (thous. bbls)	Apr 12	227,377	228,531	223,544	1.71
Inventory–to–sales ratio (Business)	Feb	1.38	1.39	1.37	0.73
Orders					
No Activity for this Week					
Trade					
No Activity for this Week					
Inflation					
ECRI Industrial Price Index f	Apr 19	119.10	118.40	118.68	0.35
Employment					
Initial jobless claims (thous.)	Apr 13	212	r212	224	–5.36
Continuing claims (mil.)	Apr 6	1.812	r1.810	1.737	4.32
Construction					
New housing permits, (thous. units)	Mar	1,458	r1,523	1,437	1.46
New housing starts, (thous. units)	Mar	1,321	r1,549	1,380	–4.28
Other Indicators					
Citi Research Panic–Euphoria Reading	Apr 19	0.43	0.45	–0.16	....
Index of coincident indicators h	Mar	112.0	r111.7	109.9	1.91
Index of lagging indicators h	Mar	119.0	r119.0	118.4	0.51
Index of leading indicators h	Mar	102.4	r102.7	108.2	–5.36
Coincident to lagging ratio h	Mar	0.94	r0.94	0.93	1.08

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.

American Debt and Deficits

	Latest Report	Preceding Report	Year Ago Report	Yr over Yr % Chg
Federal Budget Deficit (bil. $)-a	1,521FY'26	1,671FY'25	1,846FY'24	....
Budget Surplus/Deficit (bil. $)-b, March	–236.46	–296.28	–378.44	–37.52
Trade Deficit (bil. $, sa)-c, February	–68.90	r–67.60	–70.08	–1.68
Treasury Gross Public Debt. (bil. $)-d	34,576.5	34,561.0	31,456.6	9.92
Treasury Statutory Debt Limit (bil. $)-d	*	31,381.5	....	....
Consumer Installment Debt (bil. $)-e, February	5,051.1	r5,037.0	4,824.2	4.70

Sources: a-Office of Management and Budget, b-Monthly Treasury Statement, c-Monthly Commerce Dept. Report, d-Daily Treasury Statement, e-Monthly Federal Reserve Release. *Statutory debt limit temporarily suspended through January 1, 2025.

Adjustable Mortgage Rates

	Apr 19	Apr 12	Yr. Ago	YOY % Chg
1 Year Treas Bills	5.12	5.04	4.68	9.40
2 Year Treas Notes	4.86	4.70	4.00	21.50
3 Year Treas Notes	4.67	4.50	3.74	24.87
5 Year Treas Notes	4.51	4.34	3.53	27.76
10 Year Treas Notes	4.48	4.35	3.44	30.23
20 Year Treas Bds	4.70	4.60	3.78	24.34
FHFA PMMS+ Mar	6.65	6.65	6.32	5.22

Fed annualized yields adjusted for constant maturity.

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Barron's Gold Mining Index

12-Month High	12-Month Low		4/18	4/11	Year Ago	Week % Chg.
981.08	744.74	Gold mining	971.20	981.08	936.20	-1.01

Gold & Silver Prices

Handy & Harman	4/19	4/12	Year Ago
Gold, troy ounce	2379.70	2401.50	1973.65
Silver, troy ounce	28.64	28.98	24.97

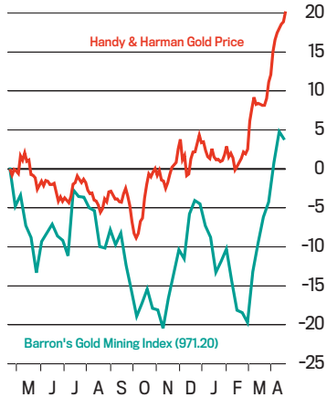
Base for pricing gold and silver contents of shipments and for making refining settlement.

Coins	Price	Premium $	Premium %
Krugerrand	2478.84	95.34	4.00
Maple Leaf	2502.68	119.18	5.00
Mexican Peso	2881.79	8.00	0.28
Austria Crown	2339.31	3.00	0.13
Austria Phil	2502.68	119.18	5.00
U.S. Eagles	2502.68	119.18	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 2383.5

Gold Performance

All Quiet: The Mideast conflict seemed not to escalate. Gold fell 1% to $2,380 an ounce.



Weekly Bond Statistics

New Offerings, (mil $) (v)	Last Week	Prev. Week	Yr Ago
Corporate (z)	41,997	r19,728	41,396
Municipal (z)	8,477	r9,473	10,695
Best Grade Bonds-y			
(Barron's index of 10 high-grade corporate bonds.)	4.09	4.19	4.37
Interm-Grade Bonds-y			
(Barron's index of 10 medium-grade corporate bonds.)	5.25	5.06	4.86
Confidence Index			
(High-grade index divided by intermediate-grade index; decline in latter vs. former generally indicates rising confidence, pointing to higher stocks.)	77.9	82.7	89.9
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.)	2971.55	3007.94	3310.42
Bloomberg Barclays US Credit			
(This index includes all publicly issued, fixed-rate, non-convertible, investment-grade, dollar-denominated, SEC-registered corporate debt.)	2967.17	2987.26	2924.66
Ryan Labs Treasury Index			
(Index of total return from active Treasury notes and bonds. Dec. 31, 1996=100.)	266.32	267.31	272.16
Bond Buyer 20 Bond Index			
(Index of yields of 20 general obligation municipal bonds.)	3.79	3.76	3.56
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	4.45	4.48	4.41
Stock/Bond Yield Gap-s			
(Difference between yield on highest-grade corporate bonds and yield on stocks on the DJIA.)	-2.18	-2.28	-2.29
Yield on DJ Equal Weight US Corp Bond Idx:			
Corp Bonds, (y)	5.81	5.69	5.25

y-Week ended Thursday. y-Yield to maturity, week ended Thursday. z-Source: LSEG. *Barclays T-Bond Index discontinued by firm.

Federal Reserve Data Bank

One week ended Apr 17:

Member Bank Reserve Chgs. (Mil. $)	Latest Week	Prev. Week Change	Year Ago Change
U.S. Gov't securities:			
Bought outright	6,950,875	-15,502	-919,619
Federal agency secur:			
Bought outright	2,347	....	....
Reserve bank credit:			
Primary Credit	5,852	+927	-64,090
Secondary Credit	27	+8	+27
Seasonal Credit	6	+3	+4
Float	-296	-46	-143
Other F.R. Assets	42,396	+2,704	-1,790
Total Fed Credit #	7,387,980	-13,591	-1,183,009
Gold stock	11,041	....	....
SDR Certif. Accounts	5,200	....	....
Treas. Curr. Outst.	52,826	+14	+669
Total	7,474,816	-13,843	-1,183,426
Currency in circ	2,346,587	-707	+23,512
Treas. Cash Hldgs	442	+1	+273
Treas. Fed Deposits	796,535	+91,564	+629,980
Foreign Fed Deposits	9,695	+2	-92
Other Fed Deposits	146,277	-5,769	-57,472
Other FR liab/cap	-109,819	+2,303	-112,112
Total factors	3,952,099	+50,285	-1,402,991
Reserves F.R. banks	3,522,717	-64,128	+219,565
Fgn hold U.S. debt	3,369,362	+10,114	+31,695

Reserve Aggr (Mil. $) Month Ended Feb:	Latest Month	Prev. Month	Month % Chg.	Year Ago
Total Reserves:	3,567,700	3,507,000	1.73	3,021,800
Nonborrowed Res	3,397,500	3,346,900	1.51	3,006,200
Borrowed Reserves	170,207	160,073	6.33	15,606
Monetary Base	5,896,900	5,843,700	0.91	5,321,600

Dividend Payment Boosts

Company Name-Ticker Symbol (Exchange)	Adjusted Yield	Period	To	From	% Increase	Record Date	Ex-Div Date	Payment Date
Anheuser-Busch InBev ADR-BUD (NYSE)	1.0	A	.872234	.824475	5.8%	5-06	5-03	6-07
Aon-AON (NYSE)	0.9	Q	.675	.615	9.8	5-01	4-30	5-15
Apollo Sr Fltg Rate Fd-AFT (NYSE)	10.9	M	.14	.137	2.2	4-23	4-22	4-30
Apollo Tactical Incm Fd-AIF (NYSE)	10.7	M	.144	.138	4.3	4-23	4-22	4-30
ArcelorMittal ADR-MT (NYSE)	1.5	S	.25	.22	13.6	5-17	5-16	6-12
CompanhiaSBEDP ADR-SBS (NYSE)	1.4	A	.280823	.252703	11.1	4-29	4-26	7-05
CSW Industrials-CSWI (Nasdaq)	0.4	Q	.21	.19	10.5	4-26	4-25	5-10
Ferrari-RACE (NYSE)	0.6	A	2.59886	1.996339	30.2	4-23	4-22	5-03
Flaherty & Crum Pfd&Incm-FFC (NYSE)	7.5	M	.088	.0838	5.0	5-23	5-22	5-31
Flaherty & Crumrine-PFD (NYSE)	7.0	M	.0583	.0555	5.0	5-23	5-22	5-31
Flaherty & Crumrine Dyn-DFP (NYSE)	7.4	M	.1107	.1075	3.0	5-23	5-22	5-31
Flaherty & Crumrine Pfd-PFO (NYSE)	7.2	M	.0483	.0456	5.9	5-23	5-22	5-31
Flaherty & Crumrine TR-FLC (NYSE)	7.3	M	.0897	.0856	4.8	5-23	5-22	5-31
Interactive Brokers-IBKR (Nasdaq)	0.9	Q	.25	.10	150.0	5-31	5-31	6-14
Johnson & Johnson-JNJ (NYSE)	3.2	Q	1.24	1.19	4.2	5-21	5-20	6-04
KB Home-KBH (NYSE)	1.3	Q	.25	.20	25.0	5-09	5-08	5-23
Kinder Morgan-KMI (NYSE)	6.1	Q	.2875	.2825	1.8	4-30	4-29	5-15
Qualcomm-QCOM (Nasdaq)	2.1	Q	.85	.80	6.3	5-30	5-30	6-20
Sanofi ADR-SNY (Nasdaq)	3.2	A	2.037356	1.900085	7.2	5-10	5-09	6-06
Sonoco Products-SON (NYSE)	3.7	Q	.52	.51	2.0	5-10	5-09	6-10
Star Group-SGU (NYSE)	6.8	Q	.1725	.1625	6.2	4-29	4-26	5-08
Stellantis-STLA (NYSE)	5.7	A	1.65168	1.463548	12.9	4-23	4-22	5-03
Targa Resources-TRGP (NYSE)	2.6	Q	.75	.50	50.0	4-30	4-29	5-15
Travelers-TRV (NYSE)	2.0	Q	1.05	1.00	5.0	6-10	6-10	6-28
Via Renewables Pfd A-VIASP (Nasdaq)	15.4	Q	.76051	.7596	0.1	7-01	7-01	7-15
Winmark-WINA (Nasdaq)	1.0	Q	.90	.80	12.5	5-15	5-14	6-03

Dividend Payment Reductions

Company Name-Ticker Symbol (Exchange)	Adjusted Yield	Period	To	From	% Decrease	Record Date	Ex-Div Date	Payment Date
Black Stone Minerals-BSM (NYSE)	9.6	Q	.375	.475	-21.1%	5-10	5-09	5-17
Blackstone-BX (NYSE)	2.8	Q	.83	.94	-11.7%	4-29	4-26	5-06
Mesabi Trust-MSB (NYSE)	7.8	Q	.29	.37	-21.6%	4-30	4-29	5-20
MV Oil Trust-MVO (NYSE)	15.4	Q	.33	.465	-29.0%	4-15	4-15	4-25
VOC Energy Trust-VOC (NYSE)	13.1	Q	.18	.19	-5.3%	4-30	4-29	5-15

Stock Splits/Dividends

Company Name-Ticker Symbol (Exchange)	Amount	Record Date	Ex-Div Date	Pay Date
NONE				

Special Dividends

Company Name-Ticker Symbol (Exchange)	Amount	Record Date	Ex-Div Date	Pay Date
NONE				

Week's Ex-Dividend Dates

This list includes payouts on common stocks.

NYSE

Tuesday (April 23)

AECOM	.22
Antero Midstream	.225
Cervecerias Unidas ADR	.173
Clorox	1.20
Lennar Cl A	.50
Lennar Cl B	.50
Lowe's	1.10
West Pharmaceutical Svcs	.20

Wednesday (April 24)

Aptargroup	.41
H.B. Fuller	.222
ING Groep ADR	.82
Royal Bank of Canada	1.021

Thursday (April 25)

Albertsons	.12
Bk of NY Mellon	.42
nVent Electric	.19
PNM Resources	.387
Signet Jewelers	.29
Unum Group	.365

Friday (April 26)

Bank of Montreal	1.117
Knot Offshore Partners	.026

Saturday (April 27)

NONE

Sunday (April 28)

NONE

Monday (April 29)

AO Smith	.32
ARC Document Solutions	.05
Banco Santander ADR	.103
Conagra Brands	.35
Ellington Financial	.13
Enterprise Pdts Partners	.515
Genesis Energy	.15
Morgan Stanley	.85
NiSource	.265
Northwest Natural	.488
Targa Resources	.75
Virtus Invt Partners	1.90

Week's Ex-Dividend Dates

This list includes payouts on common stocks.

NASDAQ

Tuesday (April 23)

Elbit Systems	.50
Krispy Kreme	.035

Wednesday (April 24)

Fastenal	.39
Kaiser Aluminum	.77
Lakeland Financial	.48

Thursday (April 25)

Coca-Cola Consolidated	.50
Concentrix	.303
Costco Wholesale	1.16
CSW Industrials	.21

Friday (April 26)

ASML Holding	1.614
Simulations Plus	.06

Saturday (April 27)

NONE

Sunday (April 28)

NONE

Monday (April 29)

Alliant Energy	.48
Scholastic	.20

U.S. Treasury Bills

Maturity	Bid	Asked	Wkly Chg.	Ask Yld.
April 23	5.28	5.27	-0.03	5.34
April 25	5.28	5.27	-0.03	5.34
April 30	5.30	5.29	0.01	5.37
May 02	5.29	5.28	0.01	5.36
May 07	5.29	5.28	....	5.36
May 09	5.29	5.28	0.01	5.36
May 14	5.28	5.27	0.01	5.36
May 16	5.28	5.27	0.01	5.36
May 21	5.28	5.27	0.01	5.36
May 23	5.28	5.27	....	5.37
May 28	5.28	5.27	0.03	5.37
May 30	5.28	5.27	0.03	5.37
June 04	5.28	5.27	0.01	5.37
June 06	5.26	5.25	....	5.35
June 11	5.28	5.27	0.04	5.38
June 13	5.25	5.24	0.01	5.35
June 18	5.27	5.26	0.04	5.37
June 20	5.26	5.25	0.02	5.36
June 25	5.25	5.24	0.01	5.37
June 27	5.24	5.23	0.02	5.35
July 02	5.24	5.23	0.02	5.36
July 05	5.24	5.23	0.01	5.36
July 09	5.24	5.23	0.02	5.36
July 11	5.25	5.24	0.01	5.37
July 16	5.24	5.23	0.03	5.36
July 18	5.25	5.24	0.07	5.38
July 23	5.23	5.22	0.01	5.36
July 25	5.23	5.22	0.05	5.38
July 30	5.24	5.23	0.02	5.38
August 01	5.22	5.21	0.02	5.37
August 06	5.23	5.22	0.01	5.38
August 08	5.22	5.21	....	5.38
August 15	5.21	5.20	0.04	5.37
August 20	5.24	5.23	....	5.40
August 22	5.21	5.20	0.04	5.38
August 29	5.21	5.20	0.05	5.39
September 05	5.18	5.17	0.03	5.34
September 12	5.17	5.16	0.03	5.34
September 19	5.17	5.16	0.01	5.35
September 26	5.17	5.16	0.02	5.35
October 03	5.14	5.13	....	5.33
Oct 10 '24	5.17	5.16	0.03	5.36
Oct 17 '24	5.16	5.15	....	5.36
Oct 31 '24	5.11	5.10	0.10	5.26
Nov 29 '24	5.08	5.07	0.12	5.25
Dec 26 '24	5.01	5.00	0.07	5.20
Jan 23 '25	4.94	4.93	0.03	5.14
Feb 20 '25	4.96	4.95	0.04	5.19
Mar 20 '25	4.92	4.91	0.04	5.15
Apr 17 '25	4.91	4.90	....	5.16

Top 5 Insider Purchases by Company in 2024

Company	Number of Sym	Number of Insiders	Number of Shares	$ Value	Avg. Price
Townebank	TOWN	4 4	42,961	1,188,252	$27.66
Columbia Banking System	COLB	13	52,666	1,083,289	$20.57
Compass Diversified	CODI	12	156,412	3,487,162	$22.29
Community Trust Bancorp	CTBI	12	10,421	435,510	$41.79
New York Community Bancorp	NYCB	9	236,710	973,505	$4.11
Top 5 Insider Sales by Company in 2024					
Salesforce	CRM	38	1,031,804	297,298,067	$287.97
Coinbase Global	COIN	26	938,518	184,155,910	$196.22
Celsius	CELH	23	4,442,034	244,983,211	$55.15
Doordash	DASH	21	1,397,440	159,530,280	$114.16
Datadog	DDOG	21	1,239,407	156,041,006	$125.90

Week's Dividend Payment

This list includes payouts on common stocks.

NYSE

Monday (April 22)

Harmony Gold Mining ADR	.078
KB Financial Group ADR	.927
McCormick	.42
McCormick Vtg	.42
Quest Diagnostics	.75
TriNet Group	.25

Tuesday (April 23)

Dollar General	.59
Ingredion	.78
Movado Group	.35
MSC Industrial Direct	.83
Thor Industries	.48

Wednesday (April 24)

Agilent Technologies	.236
KE Holdings ADR	.309
Oracle	.40
Winnebago Industries	.31

Thursday (April 25)

American Financial Group	.71
Banco Bilbao Vizcaya ADR	.425
Compass Diversified	.25
Ellington Financial	.13
HSBC Holdings ADR	1.55
John Wiley & Sons A	.35
John Wiley & Sons B	.35
Navigator Holdings	.05
Simpson Manufacturing	.27
Wabash National	.08

Friday (April 26)

Advance Auto Parts	.25
American Eagle Outfitters	.125
Bank of Nova Scotia	.783
Buckle	.35
CTS Corp	.04
Humana	.885
Methode Electronics	.14
OGE Energy	.418
POSCO Holdings ADR	.473
Sysco	.50
TD SYNNEX	.40

Saturday (April 27)

NONE

Sunday (April 28)

NONE

Week's Ex-Dividend Dates

This list includes payouts on common stocks.

NYSE American

Tuesday (April 23)

NONE

Wednesday (April 24)

Riley Exploration Permn	.36

Thursday (April 25)

Friedman Industries	.04

Friday (April 26)

NONE

Saturday (April 27)

NONE

Sunday (April 28)

NONE

Monday (April 29)

NONE

Week's Dividend Payment

This list includes payouts on common stocks.

NASDAQ

Monday (April 22)

Andersons	.19
Escalade	.15
Riverview Bancorp	.06
Roper Technologies	.75
Shoe Carnival	.135
Upbound Group	.37
Utd Security Bancshares	.12

Tuesday (April 23)

Erie Indemnity Cl A	1.275
Inter	.03

Wednesday (April 24)

Cisco Systems	.40
Comcast Cl A	.31
Dime Community Bncshrs	.25
HarborOne Bancorp	.08
InterDigital	.40
NetApp	.50
Omega Flex	.33
Torm	1.36

Thursday (April 25)

First Bancorp NC	.22
Johnson Outdoors Cl A	.33
Village Super Market A	.25

Friday (April 26)

Amdocs	.479
Atlantic American	.02
ChampionX	.095
First Busey	.24
Science Applications	.37

Saturday (April 27)

NONE

Sunday (April 28)

NONE

Week's Dividend Payment

This list includes payouts on common stocks.

NYSE American

Monday (April 22)

NONE

Tuesday (April 23)

NONE

Wednesday (April 24)

NONE

Thursday (April 25)

NONE

Friday (April 26)

Caledonia Mining	.14

Saturday (April 27)

NONE

Sunday (April 28)

NONE

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Week's New Highs and Lows

NYSE

45	173
New Highs	New Lows

Nasdaq

106	627
New Highs	New Lows

NYSE American

15	31
New Highs	New Lows

Only includes COMMON and REIT stocks

NYSE American

NEW HIGHS

AirIndustries
AmSharedHosp
ArisMining
Barnwell
CatchaInvtA
FriedmanInds
IndonesiaEnergy
LegatoMergerIII
MexcoEnergy
SilverCrestMetals
StrawberryFldREIT
TasekoMines
10XCapIII A

NEW LOWS

Amcon
AgEagleAerial
AmbiparEmergency
ArenaGroup
AultAlliance
CalidiBiotherap
ChinaPharma
ChromocellTherap
Comstock
DunxinFinl
GEE Group
Graphex
InfuSystems
MobileInfr
NFT
Network1Techs
Northann
NovaBayPharm
OceanPwrTech
Oragenics
PerfectMoment
PlanetGreen
ProtalixBio
RadiantLogistics
Seaboard
Senseonics
SigningDaySports
SplashBeverage
StandardLithium
TrilogyMetals
WestwaterRscs

Nasdaq

NEW HIGHS

Agric&NatSoInsA
AileronTherap
AlphaVestAcqn
ApogeeEnt
APxAcqnI A
AryaSciencesIV
AvadelPharm
BayviewAcqnA
BlackHawkAcqn
BlueWorldA
CenturyAluminum
ChainBridgeIA
CoffeeHolding
Comstock
ContineumTherap
Criteo
CullinanOncology
DTCloudAcqn
EliemTherap
EncoreWire
EvergreenA
EverQuote
ExcelFinAcqnA
FintechEcoA
FirstCash
FitLifeBrands
FTAI Infra
Gaia
GlobalStarA
GoldenStarAcqn
HorizonSpacel
HudsonAcqnI
ICZOOMA
InflectionPtIIA
Intra-Cellular
IronHorseAcqns
JanOne
JVSPAC Acqn A
Karooooo
Lands'End
Macatawa
Macom Tech
MediWound
MitekSystems
Mobile-health
MountainI A
NeoGames
NextNav
NorthernTechsIntl
NorthViewAcqn
OakWoodsAcqnA
OCA Acqn A
Priveterra II A
RaniTherap
RedCat
RedwoodsAcqn
Rezolute
RothCHAcqnA
SeanergyMaritime
SilverSpikeInvt
SolarmaxTech
SparkIAcqnA
SpringValleyII A
TLGY Acqn A
TrailblazerI A
Trip.com
TungrayTech
VictoryCapital

NEW LOWS

10xGenomics
111
180LifeSci
23andMe
2U
8x8
A2Z SmartTech
AbCelleraBio
AcadiaPharm
AccelerateDiag
Accuray
ACELYRIN
ActelisNtwks
AdaptiveBiotech
Aditxt
Adtran
AehrTestSys
AerwinsTech
AethlonMedical
AEye
AgapeATP
Agenus
AGM
Agora
Agriforce
Agrify
Akanda
AkariTherap
Allakos
AllarityTherap
Allbirds
AlnylamPharm
Alpha&Omega
AlphaTauMed
AlphaTech
AltamiraTherap
AlzamendNeuro
Ambarella
AMC Networks
AmerBatteryTech
AmerCarMart
AmericanLithium
AmOncology
AmylyxPharm
AN2 Therap
AnavexLifeSci
ApollomicsA
AppliedDigital
AppliedDNA
AppliedUV
AppTech
AptevoTherap
AptoseBiosci
ArcadiaBiosci
Arcimoto
Arko
ArrayTech
ArriVentBio
ArtesianRscs A
AscentSolar
Assertio
Aterian
Atlanticus
AtriCure
AuburnNatlBncp
AuriniaPharm
AvitaMedical
AxcelisTechs
Ayro
Baidu
BallardPower
BanzaiIntl
BaoshengMedia
BassettFurniture
BCB Bancorp
BeiGene
BeyondAir
Big5SportingGds
BigCommerce
BinahCapital
Bio-key
Bio-Path
BioCardia
BioCryst
Biogen
BioLineRX
BionanoGenom
Biophytis
BioraTherap
BitcoinDepot
BitFuFu
BluejayDiag
BlueStarFoods
BoneBiologics
BonNaturalLife
BorealisFoods
BoundlessBio
Boxlight
BranchOutFood
BrandEngagement
BriaCellTherap
Brightcove
BroadwayFin
BroogeEnergy
BruushOralCare
Bumble
BurgerFiIntl
ByndCannasoft
C&F Fin
C3is
Cadiz
CaesarsEnt
CambiumNtwks
Canaan
CanadianSolar
CareMax
CarismaTherap
CarParts.com
CCSC Tech Intl
Centogene
Cerence
CERoTherap
CH Robinson
CharterComms
Cheche
Children'sPlace
ChinaSXTPharm
Chuy's
Cingulate
Citizens&Northern
CivistaBcshrs
CleanEnerFuels
ClearSignTech
CloverHealth
CN Energy
CNS Pharm
Cohu
CollectiveAudience
ColumbiaBanking
CompleteSolaria
ComtechTel
Concentrix
ConsensusCloud
CoreScientific
CorsairGaming
CosmosHealth
CrackerBarrel
CrownElectrokin
CueBiopharma
CueHealth
CureVac
CyclacelPharm
Cyngn
Cytosorbents
Denny's
DermataTherap
DermTech
DestinationXL
DigitalTurbine
Domo
Dynatronics
DZS
EastsideDistilling
ECARX
EdibleGarden
EditasMedicine
EffectorTherap
eHealth
ElevaiLabs
Embecta
ENDRA LifeSci
Energous
EnergyRecovery
EnlivexTherap
Enovix
EnsysceBio
EnterpriseBncp
EupraxiaPharm
EuropeanWax
EVgo
EvokePharma
Exagen
Expion360
Exscientia
FangddNetwork
Fanhua
FaradayFuture
Fathom
FGI Industries
FirstBancorp
FirstComSC
FirstWaveBio
FLJ
Fluent
FNCB Bancorp
FocusUniversal
ForresterRes
ForwardAir
ForzaX1
Fossil
FoxFactory
FreedomHolding
FreightTech
FSD Pharma
FuelCell
FulgentGenetics
Galapagos
Gambling.com
Gaming&Leisure
GD Culture
Genelux
GenentaScience
Genprex
GeoVaxLabs
Gevo
GileadSciences
GladstoneLand
GlobalFoundries
GlobalGas
Gogo
GoldenHeaven
GoPro
GreenPowerMotor
GRIID Infr
Gritstone
GromSocialEnts
GuardantHealth
Gyrodyne
HainCelestial
HalladorEnergy
HanoverBancorp
HarvardBioSci
HealthCatalyst
HealthcrTriangle
HeartlandExp
HeartTestLabs
Hempacco
HertzGlobal
HimaxTechs
HiveDigitalTech
HuadiIntl
Hyperfine
Hywin
Ideanomics
iLearningEngines
Immuneering
InariMedical
InfoSvcs
InglesMarkets
InMedPharm
InMode
Inno
InnovAge
InnovativeEyewr
InnovizTech
Intapp
IntegralAd
IntegraLifeSci
IntelliaTherap
IntelligentGrp
InteractStrength
Intrusion
iPower
IridiumComm
iRobot
IronwoodPharm
IspireTechnology
J&JSnackFoods
J-Long
JackintheBox
JazzPharm
JBHunt
Jeffs'Brands
Jiuzi
JohnsonOutdoors
JowellGlobal
Kaixin
Kaltura
Kineta
Koss
KyvernaTherap
LamfGlbl A
Lantronix
Largo
Lazydays
LeadRealEstate
Leafly
LegendBiotech
Leslie's
LexinFintech
LibertyBroadbandA
LibertyBroadbandC
Lightbridge
LiqTechIntl
LivePerson
LoopIndustries
Lucid
LucidDiag
LucyScientific
Lulu'sFashion
LuminarTech
LumosPharma
LunaInnov
LuxUrban
MagicEmpire
MainStreetBcshs
MalibuBoats
MammothEnergy
MarinusPharm
MarketAxess
MartenTransport
Materialise
Matterport
MatthewsIntl
MaxeonSolar
MDxHealth
MEI Pharma
MeihuaIntlMed
MelcoResorts
Metagenomi
MGO Global
MicroAlgo
MicrobotMed
MicroVision
MiddlefieldBanc
MiddlesexWater
MiraPharm
MirumPharm
Mobilicom
ModivCare
MolecularPtrs
MolecularTemp
MoleculinBiotech
Momentus
MontaukRenew
MoolecScience
MullenAuto
MultiMetaVerse
MustangBio
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N2OFF
NaaSTechnology
NanoLabs
NatlResearch
NavitasSemi
Neogen
NetScout
NewGenIvf
Next.e.GO
NextPlat
NLS Pharm
Noodles
NorthfieldBanc
NorwoodFin
NotableLabs
NovoIntSci
NuCana
NutexHealth
NuvPfd&Incm
NuvveHolding
Nuwellis
NuZee
NV5Global
Nxu
NY Mortgage
OcuphirePharma
Ohmyhome
Olaplex
OLB Group
ON Semi
Onconetix
Onfolio
OpenLending
OportunFin
Optinose
OutsetMedical
P3HealthPartners
PacBiosciCA
PaciraBioSci
PainReform
PAM Transport
PapaJohn's
ParanovusEntTech
PaycorHCM
PDS Biotech
Peloton
PENN Entmt
PennsWoodsBncp
Perficient
PerionNetwork
PetcoHealth
PetMedExpress
PetrosPharm
Pharming
PineappleEner
PioneerPwrSols
PliantTherap
PolestarAuto
PortageBiotech
Portillo's
PotlatchDelt
PowerIntegrations
PredictiveOncology
Prenetics
PrestigeWealth
Primech
PrimeMedicine
ProcessaPharm
ProfDiversity
ProgressSoftware
Prothena
Pulmonx
PurpleBiotech
QT Imaging
QualigenTherap
QuidelOrtho
QuiptHomeMed
QuoinPharm
QurateRetailB
RadiusRecycling
RailVision
RCI Hospitality
Reading A
RealGoodFood
reAlphaTech
ReconTech
RedRobin
RedwoodsAcqn
Regis
RelayTherap
RelianceGlobal
RepareTherap
ReToEcoSol
RevanceTherap
RevelationBio
RiotPlatforms
RiverviewBncp
Rivian
RocketLab
RomaGreenFin
RoyaltyMgmt
Ryvyl
SacksParenteGolf
Sadot
Safe&Green
SageTherap
Scilex
ScinaiImmun
SciSparc
scPharm
ScrippsEW
SeelosTherap
SeresTherap
ServeRobotics
ServiceProperties
Shapeways
ShenandoahTel
ShiftPixy
Shimmick
ShoalsTech
SI-BONE
SilvercrestAsset
SIMPPLE
SiNtxTech
SiriusXM
SiTime
SiyataMobile
SKYX Platforms
SmithMicro
SolarEdgeTech
Soluna
Sono-Tek
SoteraHealth
SotherlyHotels
SoundThinking
Spectaire
SPI Energy
StitchFix
Stratasys
StrongholdDig
SU Group
SunPower
SunshineBio
SurgePays
SyntecOptics
Taoping
TenonMedical
Tesla
TevogenBio
TFF Pharm
TherapeuticsMD
Thoughtworks
ThredUp
TizianaLife
TonixPharm
TopFinancial
ToughBuiltInds
TraconPharm
TransActTechs
TransCodeTherap
TrinityBiotech
TritiumDCFC
TROOPS
TTEC
TungrayTech
TwinVee
uniQure
UnityBiotech
Upexi
UplandSoftware
UrbanOne D
UrbanOneA
UtahMedProducts
Uxin
Vacasa
Vaccinex
VarexImaging
Vaxxinity
Veracyte
VeriSign
VersusSystems
VertexEnergy
VerveTherap
Vicor
VinFastAuto
VintageWineEstates
ViraxBiolabs
VirginiaNatBksh
VisionMarineTech
Visteon
Volcon
VOXX Intl
Vuzix
WalgreensBoots
WalkMe
WeBuyGlobal
Weibo
WernerEnterprises
WillametteValley
WindtreeTherap
WiSA Tech
Workhorse
Worksport
WW Intl
XBPEurope
XIAO-I
XyloTech
YatraOnline
YorkWater
ZaiLab
ZapataComputing
ZappEV
ZeoEnergy
ZiffDavis
Zoomcar

NYSE

NEW HIGHS

AP Acqn A
ATI
AngelOakMtgREIT
Argan
BRF
BadgerMeter
Bladex
CheetahMobile
Coupang
DynagasLNG
ElevanceHealth
Envestnet
GE Aerospace
Heico A
InFinTAcqnA
IntegerHoldings
KinderMorgan
KinrossGold
KukeMusic
LibertyEnergy
MachNaturalRscs
MercuryGeneral
MistrasGroup
Moog A
NRG Energy
PACS Group
PegasusDigA
Progressive
RigelResourceA
SchwabC
Starrett A
TransDigm
UL Solutions
Veralto
WKKellogg
WellsFargo
ZalatorisAcqn

NEW LOWS

AMC Ent
ATS
Adient
agilon health
Alexander&Baldwin
AltoNeurosci
AltusPower
Ambev
AmerSports
AmerStWater
AmerStratInvt
AmerWaterWorks
AmericanWell
AmericoldRealty
AmpriusTech
Aptiv
ArcadiumLithium
AresCommRealEst
Asana
Auna
Azul
BCE
BitMining
Bakkt
BancoBradesco
Barnes&NobleEduc
BectonDicknsn
BigLots
Boeing
BorrDrilling
BostonBeer
BritishAmTob
BrookfieldRenew
Brown-Forman A
Brown-Forman B
ButterflyNtwk
CalWtrSvc
Calix
Cato
ChargePoint
Chegg
ChimeraInvt
ClipperRealty
COPEL
CompassMinerals
Conmed
ContainerStore
Cosan
DouglasDynamics
DouglasElliman
DuckhornPtf
EllingtonFin
Endava
Energizer
EnergyVault
Ennis
Envista
EnzoBiochem
Eventbrite
Everi
FinanceofAm
GCT Semiconductor
GXO Logistics
GameStop
GinkgoBioworks
GlobalMedREIT
GlobalNetLease
GrayTelevision A
GreenTree
GreystoneHousing
GroveCollab
HawaiianElec
HowardHughes
Instructure
IntlGameTech
JinkoSolar
JohnBeanTech
J&J
Klaviyo
LCI Inds
LG Display
LL Flooring
Leggett&Platt
LionElectric
Magnachip
Marcus
Markforged
NACCO Inds
NIO
Nevro
NuSkinEnts
OneConnectFin
Ooma
OrionOffice
PSQ
PeakstoneRealty
PegasusDigA
PermRock
Pfizer
Pinstripes
PlanetLabs
ProvidentFinSvcs
Prudential
RE/MAX
ReadyCapital
Reddit
RedwoodTrust
Rogers
RubiconTech
SJW Group
SOS
SableOffshoreA
SchneiderNatl
Skillsoft
SoloBrands
Solventum
SprucePower
Stem
SunnovaEnergy
SurfAirMobility
Tegna
Telus
TakedaPharm
TejonRanch
TeladocHealth
TelekmIndonesia
Teradata
3D Systems
Tilly's
Transalta
Trinseo
UsanaHealth
Unifi
UnitedNatFoods
UniversalHealth
VF
ViaOptronics
VailResorts
Vale
VirginGalactic
W&T Offshore
WNS
Wallbox
Wolfspeed
WoodsideEnergy
Workiva
XPeng
ZKH
ZeppHealth
ZeviaPBC
Zhihu
Zoetis

Distributions & Offerings

Secondary Distributions of common stocks

APi Group	11,000,000	$37.50	$412,500,000
Biohaven Ltd	5,609,757	$41.00	$230,000,037
BRP	1,500,000	$92.90	$101,260,764
Inovio Pharmaceuticals	4,671,735	$7.69	$35,937,522
Intra-Cellular Therapies	6,849,316	$73.00	$500,000,068
Lithium Americas	55,000,000	$5.00	$275,000,000
Montrose Environmental Group	3,450,000	$37.15	$128,167,500
NRx Pharmaceuticals	607,000	$3.30	$2,003,100
Serve Robotics	10,000,000	$4.00	$40,000,000
TScan Therapeutics	21,050,000	$7.13	$150,084,642
Western Copper & Gold	21,055,000	$1.90	$28,967,777

Source: Dealogic LLC, New York City; (212) 577-4400.

Barron's 50-Stock Average

This index is a weighted average of 50 leading issues. Useful in security valuation. Source: Barron's Stats

	Apr 18 2024	Apr 11 2024	April 2023	Yr-to-Yr % Chg
S&P 500 Index	5011.12	5199.06	4129.10	21.36
Barron's 50 Index	13247.80	13247.80	11335	16.88
Projected quarterly earn	129.72	125.35	167.08	–22.36
Annualized projected earn	518.90	501.41	668.33	–22.36
Annualized projected P/E	25.53	26.42	17.0	50.22
Five-year average earn	526.06	524.31	486.93	8.04
Five-year average P/E	25.18	25.27	23.3	8.18
Year-end earn	612.62	608.25	619.08	–1.04
Year-end P/E	21.62	21.78	18.3	18.11
Year-end earns yield, %	4.62	4.59	5.5	–15.33
Best grade bond yields, %	4.09	4.19	4.40	–6.99
Bond yields/stock ylds, %	0.88	0.91	0.81	9.83
Actual year-end divs	256.95	256.64	242.51	5.95
Actual yr-end divs yld, %	1.94	1.94	2.14	–9.35

Coming Earnings

	Consensus Estimate	Year ago
M		
Nucor (Q1)	$3.67	$4.45
Verizon Communications (Q1)	$1.12	1.20
T		
Fiserv (Q1)	1.79	1.58
GATX (Q1)	1.76	2.20
GE Aerospace (Q1)	0.66	0.22
General Motors (Q1)	2.12	2.21
Halliburton (Q1)	0.74	0.72
JetBlue Airways (Q1)	-0.52	-0.34
Lockheed Martin (Q1)	5.80	6.43
MSCI (Q1)	3.45	3.14
NextEra Energy Partners (Q1)	0.25	-0.17
PepsiCo (Q1)	1.52	1.50
Philip Morris International (Q1)	1.41	1.38
PulteGroup (Q1)	2.36	2.35
Quest Diagnostics (Q1)	1.86	2.04
Raytheon Technologies (Q1)	1.23	1.22
Ryder System (Q1)	1.71	2.81
Tesla (Q1)	0.52	0.85
United Parcel Service (Q1)	1.31	2.20
Visa (Q2)	2.44	2.09
W		
AT&T (Q1)	0.53	0.60
Biogen (Q1)	3.47	3.40
CACI International (Q3)	5.63	4.92
Chemed (Q1)	5.48	4.82
Chipotle Mexican Grill (Q1)	11.60	10.50
CME Group (Q1)	2.45	2.42
Ford Motor (Q1)	0.43	0.63
General Dynamics (Q1)	2.98	2.64
Group 1 Automotive (Q1)	9.43	10.90
IBM (Q1)	1.59	1.36
Lam Research (Q3)	7.29	6.99
Landstar System (Q1)	1.28	2.17
Meta Platforms (Q1)	4.30	2.20
Norfolk Southern (Q1)	2.49	3.32
Old Dominion Freight (Q1)	1.35	1.29
The Boeing Company (Q1)	-1.63	-1.27
TH		
Altria Group (Q1)	1.16	1.18
Bristol Myers Squibb (Q1)	-4.43	2.05
Caterpillar (Q1)	5.13	4.91
Dow (Q1)	0.45	0.58
GE Vernova (Q1)	-0.59	....
Gilead Sciences (Q1)	1.57	1.37
Harley-Davidson (Q1)	1.52	2.04
Intel (Q1)	0.15	-0.04
Kirby (Q1)	0.98	0.68
Merck (Q1)	1.97	1.40
Microsoft (Q3)	2.81	2.45
Nasdaq (Q1)	0.65	0.69
Northrop Grumman (Q1)	5.78	5.50
PG&E (Q1)	0.33	0.29
Reliance (Q1)	5.53	6.37
S&P Global (Q1)	3.61	3.15
Southwest Airlines (Q1)	-0.34	-0.27
Union Pacific (Q1)	2.52	2.67
Valero Energy (Q1)	3.11	8.27
Xcel Energy (Q1)	0.81	0.76
F		
AutoNation (Q1)	4.30	6.05
Charter Communications (Q1)	7.86	6.65
Chevron (Q1)	2.97	3.55
Exxon Mobil (Q1)	2.21	2.83

Consensus Estimate

Day		Consensus Est	Last Period
T	March New Home Sales	670,000	662,000
W	March Durable Orders	1.3%	1.3%
TH	Q1 GDP	2.2%	3.4%
F	March Personal Income	0.50%	0.30%
	April Michigan Sentiment - f	77.5	77.9

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

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OTHER VOICES

We are at a potential pivot point in the global economic recovery. Global central banks will need to summon their courage.



Higher Interest Rates Have Done Their Work. Start the Cuts.

BY JOSEPH BRUSUELAS
The writer is principal and chief economist of RSM US, an assurance, tax, and consulting services firm.

Following two years of interest-rate increases by the major global central banks, relief is on the horizon.

The rate hikes have achieved their goal of taming inflation and reducing demand. Now, it's time to focus on growth again. The conditions exist to support a near-synchronized set of interest-rate cuts by most major central banks in the second half of this year.

This shift to rate cuts will spur global growth, support risk assets, increase corporate profits, and smooth out bond market volatility. But it needs to happen soon, before elevated rates extract an unnecessarily high toll on the global economy.

While the paths followed by the major central banks will vary—Japan, which has fought deflation for decades, remains the most notable exception—the move to cut rates will reignite risk appetite among investors and bolster global economic activity, setting the stage for recovery.

This push is taking place across the globe. The European Central Bank, Bank of England, Bank of Canada, and Federal Reserve are all pointing to rate cuts later this year.

The European Central Bank and Bank of Canada will most likely lead the way starting in June, with a total of four quarter-point rate cuts by the end of the year. The Bank of England will probably join in, with three quarter-point rate cuts this year.

The Federal Reserve, though, could be more restrained, with only two quarter-point rate cuts later this year. The dynamic U.S. economy and robust labor market, along with an inflation rate that has been hard to bring down to the Fed's 2% target, are tying the Fed's hands.

The Reserve Bank of Australia and Reserve Bank of New Zealand won't be so quick to cut. Inflation remains above 4% in those economies. Those central banks almost certainly won't cut rates until much later in the year.

But the broad message across the globe is clear: As higher rates have tamed inflation, they have also reduced demand.

Canada, Germany, Sweden, and the United Kingdom are all stagnating. Unemployment is generally rising and growth is slowing in those economies.

Moreover, with oil prices up nearly 17% this year as of April 16 amid rising tensions in the Middle East, dithering by global central banks on providing monetary accommodation risks turning a modest decrease in demand into a genuine pullback.

We are at a potential pivot point in the global economic recovery.

Global central banks will need to summon the courage to look through these risks and reduce policy rates to cushion what will be a summer characterized by oil price volatility and international security tensions that aren't going away.

The U.S., by contrast, has been more immune to the impact of higher interest rates and rising oil prices as illustrated by sustained improvements in hiring and spending, which in part have caused rates at the long end of the curve to increase.

To understand this divergence among the U.S. and other economies, look to the housing market.

In the U.S., where the 30-year fixed mortgage rate is standard, homeowners continue to benefit from the low rates of a few years ago, with nearly 60% holding on to mortgages at rates below 4%. Millions of homeowners have been insulated from rate increases, and have more money in their pockets.

In other developed economies, though, the surge in policy rates over the past two years has resulted in higher costs passed along to consumers through shorter-term floating rate mortgages and other forms of consumer debt.

As a result, tighter credit conditions and a deterioration in credit flows have caused outright stagnation in many developed economies and are now causing rising unemployment.

Those conditions now require monetary authorities to begin cutting interest rates.

The Swiss National Bank and Bank of Mexico have already started to cut rates, a reflection of their economies' greater sensitivity to interest rates. When a central bank changes its policy in these economies, it's felt in capital markets and affects their overall competitiveness.

The global effort to relax restrictive policy rates will begin well before inflation moves back toward the 2% targets that many of the central banks maintain. These cuts will require a careful balancing act, between restoring growth and not reigniting inflation.

Central banks, for example, will need to communicate that a gradual reduction of interest rates, amid a slower-than-desired decline in inflation, is necessary to prevent monetary policy from becoming too restrictive.

Although the restrictive monetary policies of the past two years were needed to restore price stability following the price shocks of the pandemic era, global central bankers can now begin to shape the argument that the rate hikes have achieved their objectives of reducing inflation to tolerable levels and that they need to get their respective economies moving again.

The time for responsible rate reductions has come. That bodes well for restoring the appetite for risk, encouraging cross-border investment, and fostering growth across the international economy. B

Illustration by Glenn Harvey

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RETIREMENT

A Time-Sensitive Retirement Tax Move

BY ELIZABETH O'BRIEN

We won't know until November who will control Congress next year. But we do know that if lawmakers don't make some fixes to the 2017 tax law, almost all tax rates will be going up in 2026.

That makes it a good time to consider some retirement tax moves now, and one of the best may be converting a traditional individual retirement account into a Roth.

The big question with a Roth IRA conversion is whether it's best to pay taxes on your retirement savings now or in the future. With a traditional IRA, you defer income taxes until retirement. With a Roth, you pay taxes upfront and enjoy tax-free withdrawals in retirement.

The catch with a conversion: When you switch your traditional IRA into a Roth, the amount you move over counts toward your income for the year, and you'll owe income taxes on it.

To decide whether to convert, it helps to have a sense of your income and tax rates in the future. If you think they'll be higher down the road, it generally makes sense to pay taxes sooner rather than later. Investors are getting the message: In the first quarter of 2024, Roth conversions were up 44% year over year, according to Fidelity Investments.

While it may be hard to predict your future income, there is some visibility on tax rates. That's because the Tax Cuts and Jobs Act, which lowered tax rates starting in 2018, is set to expire at the end of 2025. Unless Congress passes a fix, marginal tax rates for most income brackets will increase, resulting in a higher rates in 2026 and beyond. (One exception: the 10% and 35% rates, which didn't change as a result of the Tax Cuts and Jobs Act.)

That means converting now will cost you less than in the future, assuming your taxable income stays the same or rises and Congress doesn't act. "Roth conversions are on sale," says Katelyn Murray, a Rockville, Md.–based financial advisor with RJFS.

The year 2026 might seem like a long way away, but proper tax planning takes time. Investors may want to stagger a Roth conversion over a number of years to avoid taking a big tax hit at once. Also note that while Roth contributions are subject to income limits, Roth conversions are not.

Here are some questions to consider when deciding if it makes sense.

What Are Your Goals? Financial advisors recommend having some post-tax income in retirement. It increases flexibility and decreases the size of the required minimum distributions you must take from your tax-deferred accounts starting at age 73. Lower RMDs means less taxable income and a lower tax bill. Establishing a bucket of tax-free money could be its own goal for a Roth conversion.

Another goal is to leave tax-free money to heirs. IRAs inherited by most nonspouse beneficiaries must be drained within 10 years, but money from Roth accounts isn't taxed upon withdrawal. Murray has clients who are taking a tax hit now to spare their heirs from one later.

When Do You Plan to Retire? The time after you retire but before RMDs kick in at age 73 is a sweet spot for Roth conversions. Many retirees experience a drop in income during this time, and are thus in a lower tax bracket than when they were working. If you know this will be the case for you, it might make sense to wait until then to convert.

Keep in mind that your income at age 63 and beyond will affect what you pay starting at age 65 for Medicare Part B and Part D. Higher-income beneficiaries must pay a surcharge known as the income-related monthly adjustment amount. Doing a Roth conversion may bump up your premiums two years later, but the increase won't be permanent if your income falls below the surcharge threshold in subsequent years. B

MAILBAG

Overcapacity and Overcompensation

To the Editor:
This article is spot on ("Plastic Is Everywhere. Now Big Oil Companies Are Producing Even More of It," Cover Story, April 12). Companies like Chevron and Phillips 66 (owners of the 50-50 joint venture Chevron Phillips Chemical) are actually generating less profit for their chemicals segments after spending billions of shareholder capital to expand chemicals capacity into an already oversupplied market. And they aren't done yet, as they have two new big plants coming on-line in the coming years.

It makes no sense, and yet the chief executives keep getting huge increases in their compensation. When will shareholders stand up against this malinvestment?
Michael Fitzsimmons
On Barrons.com

Sports: A Bad Bet

To the Editor:
Andy Serwer lays out a compelling case for the business of athletics and briefly touches on what I believe is its biggest risk ("The Sports Business Is Growing Faster—and Attracting More Money—Than Anyone Imagined," Up & Down Wall Street, April 12).

With sports gambling now widely available, the focus on betting has become almost as important as the game itself. Every pregame show now has a plethora of "analysts" offering tips, best bets, and other can't-miss angles. Play-by-play announcers now include real-time odds within their calling of the game. Fans can place bets on virtually every individual statistic within a game for a single player.

These wagers threaten the very integrity of the game. Stories of players being suspended for violating league rules against sports betting on legal sites now hit the headlines on a weekly basis. It isn't a stretch to envision an environment where athletes, coaches, or officials thus turn to illegal sources in order to continue placing bets. When they inevitably get in too deep with these nefarious bookmakers, how do you think the wiseguys will collect?

Get ready for the point-shaving scandals that will make the 1978-79 Boston College basketball scheme look like jaywalking.
Steve Klouda
Sugar Grove, Ill.

What Is Bitcoin?

To the Editor:
The assertion of Barry Bannister, Stifel's chief equity strategist, that "to be a real asset, you have to generate cash flow" is striking ("Bitcoin Was Left for Dead. Why Wall Street Is Bringing It Back to Life," April 9).

However, if we adhere strictly to this definition, we'd have to reconsider what we classify as assets: cars, artwork, jewelry, gold, undeveloped land, collectibles, patents, non-dividend-paying stocks, and capital equipment—all of which lack direct cash-flow generation. When Bannister labels Bitcoin as "more of a speculative instrument," he hits the nail on the head. It's about time we clarified this distinction.
Stephen Axel
La Jolla, Calif.

Send letters to Mail@Barrons.com. To be considered for publication, correspondence must bear the writer's name, address, and phone number. Letters are subject to editing.

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BARRON'S

Barron's Roundtable



Planning for Retirement in a High Inflation Environment

Monday, April 29 | 12PM ET

Multiple forces, from government policy to demographics, suggest we are entering an era of structurally higher inflation. That's no cause for alarm, however, so long as companies and investors are prepared. We'll speak with market strategists and investors about how different sectors are positioned to cope with price growth, and explore the best ways to manage inflation's impact in a retirement portfolio.

Scan to Register

events.barrons.com/retirement-roundtable

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