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**WSJ.com** 

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**DJIA** 34792.76 ▼ 368.03 1.0%

NASDAQ 13174.65 ▼ 2.1%

**STOXX 600** 461.57 ▲ 0.3%

**10-YR.TREAS.** ▼ 21/32, yield 2.917%

**GOLD** \$1,944.90 ▼ \$7.40

**EURO** \$1.0835 **YEN** 128.39

### What's

#### Business ヴ Finance

M usk said he has lined up \$46.5 billion to fund his bid for Twitter, answering the biggest question that had loomed over his takeover offer for the social-media platform. A1

- ◆ CNN is shutting down its streaming service CNN+ about a month after it launched, a sign of its new owners' lack of faith in the viability of a subscription-based stand-alone news platform. A1
- ◆ Fed chief Powell signaled that the central bank was likely to raise interest rates by a half percentage point at its meeting next month. A2 ◆ U.S. stocks fell, with the S&P 500, Nasdag and Dow
- losing 1.5%, 2.1% and 1%, respectively, after a selloff in Treasurys picked up steam. B1 ◆ Toshiba put itself up for auction after pressure from foreign shareholders and said

it would solicit bids from in-

- vestors including those who want to take it private. **B1** ♦ Meta's Sandberg is facing internal scrutiny over two occasions in which she pressed a U.K. tabloid to shelve a potential article about her thenboyfriend, Activision CEO
- close to the executives. B1 ♦ American Airlines said that its sales hit a record in March, the first month since the pandemic began in which the carrier's total revenue surpassed 2019 levels. **B1**

Kotick, according to people

♦ French prosecutors issued international arrest warrants for Ghosn as well as four individuals who are alleged to have helped the fallen auto titan funnel millions of euros from Renault. B2

#### World-Wide

- ◆ Russia said it had taken control of Mariupol, presenting it as one of its first victories in the conflict after weeks of setbacks, though Ukrainian forces on Thursday were still blockaded inside a vast steel plant in the city and said they were continuing to launch attacks on Russian positions. A1, A7-9
- ♦ Florida lawmakers gave final approval to a bill that would end a special tax district that allows Disney to govern the land housing its theme parks, escalating a dispute with the company. A1
- **♦** The American Petroleum Institute has drafted a proposal urging Congress to adopt a carbon tax, which would put a surcharge on gasoline and other fossil fuels to discourage greenhouse-gas emissions. A4
- ◆ State governments will be able to spend \$6.4 billion on cleaner transport projects under new Biden administration guidelines for use of federal infrastructure money aimed at cutting carbon emissions. A4
- ◆ A federal judge temporarily halted enforcement of a new Kentucky abortion law that local clinics said had forced them to stop performing the procedure. **A6**
- **♦ The Supreme Court**, in an 8-1 ruling, upheld Congress's authority to deny some federal benefits to residents of Puerto Rico. A4
- ◆ Public-health authorities in the U.S., the U.K. and elsewhere in Europe are investigating dozens of mysterious cases of severe hepatitis among young children. A6

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A woman from Mariupol arrived Thursday at a refugee center in Zaporizhzhia, Ukraine, as residents fled the Russian attack.

### Russia Claims Mariupol Victory As Ukrainian Troops Hold Out

By Thomas Grove AND MATTHEW LUXMOORE

KYIV, Ukraine—Russia said it had taken control of Mariupol, presenting it as one of its first victories in the conflict after weeks of setbacks, though Ukrainian forces on Thursday were still blockaded inside a vast steel plant in the city and said they were continuing to launch attacks on Russian positions.

Defense Minister Sergei Shoigu of Russia said in a meeting at the Kremlin with President Vladimir Putin that Russian troops were in control of the strategic port city and that the Azovstal plant in the south where Ukrainian forces were holed up had been blocked off.

A spokesman for President Volodymyr Zelensky of Ukraine said that almost all of Mariupol was under Russian control, but a fight for the plant continued.

As Washington and its allies race to resupply outgunned Ukrainian troops, President Biden said Thursday that the U.S. would send another \$800 million in military assistance, including heavy artillery, and \$500 million in economic aid

Mr. Biden also said that the U.S. would ban Russianaffiliated ships from its ports and launch a new refugeesponsorship program to take in up to 100,000 Ukrainians who fled their country after Russia's invasion.

Russia has tightened its grip on Mariupol since the first weeks of the invasion, pushing out pockets of resistance in residential areas. In recent weeks, it has focused on the remaining Ukrainian troops still fighting from the steel plant. There were conflicting reports around how

many Ukrainian troops remained at the plant, with Russia saying some 2,000 were there.

In a nod to the heavy losses Russian armed forces sustained in the first weeks of the conflict, Mr. Putin dismissed a suggestion by Mr. Shoigu to storm the plant, saying it would unnecessarily endanger Please turn to page A8

- ♦ U.S. adds \$800 million in
- military aid...... Russian oil flows under the
- radar...
- A harrowing escape out of Mariupol....

### Musk Lines Up **Funding** To Buy **Twitter**

In filing, entrepreneur says he is weighing a tender offer, which would bypass board

By Liz Hoffman AND CARA LOMBARDO

Elon Musk said he has lined up \$46.5 billion to fund his bid for Twitter Inc., answering the biggest question that had loomed over his takeover offer for the social-media platform.

In a regulatory filing, Mr. Musk also said he was considering taking his offer straight to Twitter shareholders, bypassing a board that appears dug in. Twitter said Thursday it was reviewing the newly detailed proposal.

The financing commitments—about half in bank debt and half in cash promised by Mr. Musk himself—lend credibility to an offer that lacked the details that usually accompany

a bona fide takeover play. When he lobbed in his bid last week, Mr. Musk didn't say how he planned to pay for the deal, which is expensive even for the world's richest person.

Now he said he has lined up more than \$25 billion in debt from a group of banks led by Morgan Stanley, Bank of America Corp. and Barclays PLC. He would personally commit \$21 billion in equity, the deal-making equivalent of a down payment on a home.

Please turn to page A4 ◆ Tesla stock climbs after

record earnings..

### Florida Bill Ending Disney's Tax District Goes to Governor

By Arian Campo-Flores AND ROBBIE WHELAN

Florida lawmakers gave final approval to a bill that would end a special tax district that allows Walt Disney Co. to govern the land housing its theme parks, escalating a weekslong dispute with the company over its public opposition to a separate bill that limits classroom instruction on gender and sexuality.

The tax-district measure now goes to Gov. Ron DeSanmade clear he would sign it.

The GOP-led House passed the bill 70-38 on Thursday, a day after the Republican-controlled Senate approved it 23-16. Mr. DeSantis called for lawmakers to take up the measure in a special session he convened this week, after sparring with Disney for weeks over the classroom-instruction bill, which Mr. De-Santis signed into law last

Stripping Disney of a key operating advantage represents tis, a Republican who has one of the more high-profile

backlashes in recent memory against a company for a political stance. Companies have increasingly faced pressure by employees and others to stake positions on hot-button social and political issues, but have rarely, if ever, faced such pointed censure for doing so.

The move also reflects a growing populist, anti-company strain, particularly around cultural issues, in the GOP, tradi-Please turn to page A6

◆ Florida's new political map gives GOP more power.....

#### **Fed Signals Half-Point Increase**



Fed Chairman Jerome Powell indicated the central bank was likely to raise interest rates by a half percentage point at its meeting next month, sending stocks lower. A2 and B1

### **CNN Shuts New Streaming Service**

By Joe Flint

CNN is shutting down its streaming service CNN+ about a month after it launched, a sign of its new owners' lack of faith in the viability of a subscription-based stand-alone news platform.

The decision to pull the plug on CNN+, which was off to an underwhelming start, came less than two weeks af-

**INSIDE** 

**MANSION** 

Superyachts are

gaining in popularity

during the

pandemic. M1

ter CNN ownership shifted from AT&T Inc. to a newly created company called Warner Bros. Discovery Inc., the result of a merger of the entertainment and news assets of the telecom giant and Discovery.

Addressing CNN employees during an at-times emotional town hall meeting Thursday, CNN Chairman and Chief Executive Chris Licht—who hasn't even officially assumed his role yet—said the decision to shut down CNN+ so soon after its March 29 launch created a uniquely bad situation, according to an attendee. Mr. Licht and others at Warner Bros. Discovery pointed fingers at AT&T and its former entertainment unit WarnerMedia Please turn to page A11

◆ AT&T posts strong growth in wireless business.

### Filmmaker Plunders History to Recast 10th-Century Pillage Life

Viking experts help Robert Eggers re-create hazy past of 'The Northman'

By John Jurgensen

Filmmaker Robert Eggers wants everybody talking about Vikings ahead of Friday's premiere of "The Northman," a violent revenge tale distilled from Viking legends. He didn't, though, want anybody saying 'Vikings" in the movie itself.

simple for a filmmaker to

plunder history for a movie.

The term Viking wasn't used

It turns out it isn't that

to describe what was a varied group of people until well after the heyday of the Scandinavian raiders, whose voyaging and pillaging spanned the eighth through 11th centuries. Some referred to themselves as Northmen, hence the movie Mr. Eggers, the movie's di-

Please turn to page A2

◆ Review: 'The Northman' has good lore, gore galore...... A12

### Stunned Netflix Vows to Curb Profligate Spending

Streaming giant will add fewer titles, revamp production deals as growth slows

By Joe Flint

For Netflix Inc., the era of carefree spending is over. The streaming giant ran

up a huge bill over the past several years as it expanded across the globe and produced a mountain of programming, prioritizing growth over cost efficiency. Now the company is imposing more financial discipline. according to senior execu-

The shift comes as competition from an array of streaming rivals begins to take a toll, a new reality that was evident in first-quarter results announced Tuesday. The company lost subscribers for the first time in over a decade, and revenue grew at its slowest pace in years. Shares plunged 35%, the stock's second-worst one-day

decline ever, erasing \$54 billion in market value. 'Well, it's a bitch," Netflix

Chairman and Co-Chief Executive Reed Hastings said of the results while addressing employees in a town hall on Wednesday afternoon, according to people familiar with his remarks.

After churning out over 500 original programs last year, Netflix is looking to add fewer new titles, with a greater emphasis on quality, people familiar with the company's strategy said. It is revamping production deals to limit its risk, and prioritizing programs with the biggest return, not the greatest reach, the people said. A key internal metric: the ratio of a program's viewership to its budget.

"We should right-size Please turn to page A11 **A2** | Friday, April 22, 2022

### Powell Signals Half-Point Hike in May

Central banker seals expectations on rates and indicates similar rises could follow

By NICK TIMIRAOS

Federal Reserve Chairman Jerome Powell signaled the central bank was likely to raise interest rates by a half percentage point at its meeting next month and indicated similar rate rises could be warranted after that to lower inflation.

A rate increase in May, following the Fed's decision to lift rates from near zero by a quarter percentage point last month, would mark the first time since 2006 that the central bank increased its policy rate at back-to-back meetings. A half-point increase would be the first such move since 2000.

The Fed has indicated it will also formally announce plans at the May 3-4 meeting to begin shrinking its \$9 trillion asset portfolio in June, a double-barreled effort to remove stimulus to curb price pressures that are at a four-decade high.

"It is appropriate in my view to be moving a little more

quickly" than the Fed has in the recent past, Mr. Powell said Thursday. "I also think there's something in the idea of frontend loading" those moves.

Mr. Powell spoke Thursday afternoon at a panel discussion with European Central Bank President Christine Lagarde hosted by the International Monetary Fund. It was his last scheduled public appearance before the central bank's policy meeting next month.

Mr. Powell's top lieutenants on the central bank's rate-setting committee had already cemented market expectations of a half-point rate increase at the May gathering. Fed officials including governor Lael Brainard, who is awaiting Senate confirmation to serve as the central bank's vice chair, have almost unanimously signaled a desire to raise rates expeditiously to a more neutral setting that no longer provides stimulus. New York Fed President John Williams said last week that a halfpoint rate rise in May was a very reasonable option."

Investors in interest-rate futures markets have in recent weeks bet on increases of a half percentage point, or 50 basis points, at each of the Fed's next

#### **Chicago Fed Chief** To Retire in 2023

The Federal Reserve Bank of Chicago said Thursday it would begin a search for a new president because its current leader, Charles Evans, will retire early next year.

Mr. Evans, who has led the regional Fed bank since September 2007, is the longesttenured reserve bank president. He turns 65 years old in January. Fed presidents can generally serve terms that run up to 10 years or until they turn 65. Mr. Evans began his career at

two meetings. "Markets are

processing what we're seeing. They're reacting appropriately,

generally," Mr. Powell said,

though he said he wasn't en-

dorsing any particular market

pricing. Still, he concluded.

Fifty basis points will be on

the table for the May meeting."

expects global economic

growth to slow significantly

this year as the repercussions

of the war in Ukraine spread

The IMF said Tuesday that it

world-wide, a setback for many countries already grappling with the pandemic and rising inflation and interest rates.

the Chicago Fed in 1991.

retirement at that time.

tem has 12 regional banks

mittee. The New York Fed

president and up to seven

Washington-based governors

committee, while four of the

presidents vote on a rotating

basis. The Chicago Fed presi-

dent has a vote on the com-

mittee in 2023.

remaining 11 reserve bank

have a permanent seat on the

Kansas City Fed President

Esther George also turns 65 in

The Federal Reserve sys-

whose presidents participate in

the Federal Open Market Com-

the rate-setting meetings of

January, which will force her

The IMF expects the world's economy to grow 3.6% this year, down from 6.1% last year. The new forecast is 0.8-percentage-point lower than its projection in January and a 1.3point cut from October 2021.

The multilateral group, in its flagship World Economic Outlook report, also reduced its to 3.6%, down 0.2 point from its January forecast.

emerging-market Many economies that aren't major commodity exporters and that took on bigger debt burdens after the pandemic in 2020 are increasingly vulnerable to a triple whammy of higher food and energy prices, supply-chain disruptions as China resumes lockdowns to contain new virus strains, and now tighter monetary policy from the Fed.

Europe, meanwhile, faces potentially severe fallout from Russia's invasion of Ukraine and steps by the West to isolate Moscow with financial sanctions. Eurozone energy prices rose 12.5% in March from February and were 44.7% higher than a year earlier, according to the European Union's statistics agency. Food prices are also rising, up 0.9% in March and 5% from a year earlier, partly driven by concerns about a shortage of wheat and vegetable oil, which Russia and Ukraine produce.

U.K. consumer prices were 7% higher in March than a year earlier, a pickup from the 6.2% rate of inflation in February. and the highest since March

2023 global growth projection 1992, London's Office for National Statistics said last week.

Ms. Lagarde, the ECB president, refused on Thursday to endorse the prospect that the central bank might raise rates in July. "That is going to be determined by the data," she said. She drew a contrast between high inflation in Europe and the U.S., saying that the labor market in the U.S. is far stronger.

Mr. Powell warned of growing supply-and-demand imbalances in the U.S. labor market that some economists worry could fuel a wage-price spiral that drives inflation higher as workers bid up wages.

In July 2019, as the unemployment rate was falling to a half-century low of 3.5% but inflation drifted below the Fed's 2% target, Mr. Powell dismissed concerns that the labor market might be overheating, "To call something hot, you need to see some heat," he said.

Today, wage growth is running at its highest levels in years and the labor market has tightened rapidly, with the unemployment rate falling to 3.6% in March from 5.9% last June.

◆ U.S. stocks finish lower as bond vields rise.....



Director Robert Eggers during the filming of 'The Northman,' a Viking movie that opens Friday.

### New Movie PlundersThe Past

Continued from Page One rector and co-writer, is a stickler, and he set out to make the most historically accurate Viking movie ever. That quest guided him in everything from picking the clothes for an initiation ritual to staging a proper berserker spear dance. "I hate making [stuff] up," he said. "I hate it."

It wasn't easy to avoid, given the scant evidence the so-called Vikings left behind. Much of what forms their image in popular culture is of relatively recent vintage, like the Wagner operas that helped make horned helmets famous; the swashbuckling of Kirk Douglas and Tony Curtis in the 1958 movie "The Vikings"; and hit TV shows like the History channel's action drama "Vikings" and its Netflix spinoff "Vikings: Valhalla."

Mr. Eggers described those Vikings as "science-fiction rock stars," yet he credits the popularity of the TV shows for helping get his film financed.

True fidelity is impossible, according to Justin Pollard, the historical consultant for the Netflix and History Viking dramas. "Anyone who says, 'This is accurate' about a historical piece is either trying to kid you or they are successfully kidding themselves," he

The patchy documentation of the Viking age left a lot of questions for Mr. Eggers: What kind of mask should Willem Dafoe wear as the fool/shaman? Did people really believe Iceland's Hekla volcano was a gateway to hell? Just how brutal was knattleikr, a ballgame vaguely similar to lacrosse?

For grounding on such matters, Mr. Eggers invoked the help of consultants in Viking archaeology, folklore, handicrafts and other specialties, including people in re-enactcommunities who practice living out the ways of ancient Scandinavians.

Nille Glaesel, a re-enactor in Tønsberg, Norway, has been making Viking-style garments of wool, silk and linen for nearly 30 years and was recruited to help the movie's costume designer. At the premiere of "The Northman" in Norway last week, she wore a dress colored with blue dye extracted from the woad plant with fermented urine.

The film team nixed sewing machines for most of the movie's costumes, even for the internal stitching of garments

worn by actors seen only at a distance. Mr. Eggers worried machine stitching would make the clothing move differently than handmade garb, Ms. Glae-

sel said. "The Northman," a Hamletin-Iceland saga, focuses on an exiled prince, Amleth, played by Alexander Skarsgård. Amleth is obsessed with avenging the murder of his father (Ethan Hawke) by his uncle (Claes Bang). A seeress (Björk) urges Amleth on his quest. The hulking Northman travels to Iceland and infiltrates his un-

#### The director wanted the most historically accurate Viking movie ever made.

cle's farming fiefdom where, with help from an enslaved woman (Anya Taylor-Joy), he lays plans to kill his uncle and save his mother (Nicole Kid-

Mr. Eggers wrote "The Northman" with an Icelandic poet, novelist and screenwriter named Sjón. The first step was acknowledging the many mysteries surrounding people whose sagas weren't written down until centuries

#### CORRECTIONS ど **AMPLIFICATIONS**

Halliburton Co. paid a fee to extinguish \$600 million of notes earlier than their 2025 maturity date. A Heard on the Street column on Wednesday about the oil-field-service company incorrectly said the company extinguished \$1 billion of notes due in 2025.

Readers can alert The Wall Street Journal to any errors in news articles by emailing **wsj.contact@wsj.com** or by calling 888-410-2667.

"We talked about the inevitability of gaps, speculation, educated guesses," said Neil Price, an archaeologist whose book of Viking history, "Children of Ash and Elm," served as a compass for cast and

Another consultant, Terry Gunnell, a professor of folkloristics at the University of Iceland, said he was surprised to hear the director cite academic articles that Mr. Gunnell had published about rituals as a form of dramatic performance.

Unlike the busty Valkyries pictured in comic books and heavy metal album art. Mr. Eggers went with a more severe look for a shrieking maiden who rides a horse to Valhalla. "I was very emphatic that Valkyries are kind of scary," said consultant Jóhanna Katrín Fridriksdóttir, historian and author of 'Valkyrie: Women of the Viking World." She cited the Valkyries in an Old Norse poem who weave the entrails of men on a loom.

Mr. Eggers's previous films were set in rigorously researched chapters of the 1630s, "The Witch," and the 1890s, "The Lighthouse." Back in high school in New Hampshire, he staged a production based on the century-old German vampire film "Nosferatu." What followed was a fetishistic approach to historical detail that also serves a practical purpose: It was more efficient to re-create Viking buildings, swords and war dogs, he said, than to invent a world from scratch.

"I'm trying to create an atmosphere, which is an accumulation of details," he said. "And I can get a lot more details when they're all just there already at my finger-

Still, he acknowledged that making a movie about an obscure era leaves much to the imagination. "It's a thousand years ago," he said. "What else can you do?"

### Mortgage Rates Rise, Hitting 5.11%

By Orla McCaffrey

Mortgage rates jumped again heading into the year's busiest stretch for home sales.

The average rate for a 30year fixed-rate mortgage rose to 5.11%, mortgage-finance giant Freddie Mac said Thursday. The rate hit 5% last week for the first time since 2011, up from 3.22% at the beginning of 2022.

The Federal Reserve's pullback from the mortgage-bond market has helped drive up interest rates on home loans in recent months. So too has its posture on interest rates. The Fed is expected to raise its benchmark rate again at its meeting early next month, and it has signaled that more increases are likely this year. That has driven up yields on the 10-year Treasury note, to which mortgage rates are closely tied.

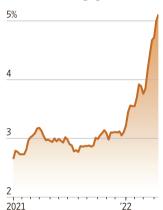
The combination of rising rates and record home prices has started to weigh on demand. Sales of existing homes dropped 4.5% in March from a year earlier, according to the National Association of Realtors. Purchase mortgage applications last week fell 3% from the prior week and 14% from a vear earlier, according to the Mortgage Bankers Association.

"While springtime is typically the busiest home buying season, the upswing in rates has caused some volatility in demand," said Sam Khater, Freddie Mac's chief economist.

The monthly payment on a \$405,000 home with an interest rate of 5% is 38.1% higher than the payment on a similarly priced home would have been a year ago, according to Realtor.com data.

With a 20% down payment, that would boost monthly mortgage payments by \$481. News Corp, parent of The Wall Street Journal, operates Real-

#### Average rate on a 30-year fixed-rate mortgage



Source: Freddie Mac

### Jobless Claims Stay Near 50-Year Low

By Sarah Chaney Cambon

New applications for U.S. unemployment benefits fell slightly last week as employers clung to workers in a tight labor market.

Initial jobless claims, a proxy for layoffs, decreased to 184.000 last week from 186,000 a week earlier, the Labor Department said Thursday.

Jobless claims have hovered around half-century lows since late 2021 as the labor market has continued to improve during the economic recovery. The four-week average for claims, which smooths out volatility, nudged up to 177,250 from 172,750 a week earlier.

Continuing claims, a proxy for the total number of people receiving payments from state unemployment programs, declined to 1.42 million for the week ended April 9 from the previous week's total of 1.48 million. Continuing claims are reported with a one-week lag.

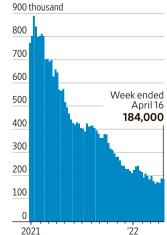
Other signs of labor-market strength abound. The unemployment rate fell to 3.6% last month, and is just above a halfcentury low touched before the pandemic. Employers have added an average of nearly 600,000 jobs each month this year through March.

Competition for workers has driven up wages, especially in industries facing the worst shortages, such as lei-

sure and hospitality. Average hourly earnings grew 5.6% in March from a year earlier. Still, that gain is less than the 8.5% increase in consumer prices over that time.

High employer demand for labor and rising wages are helping draw sidelined workers into the labor force, economists say. The labor-force participation rate-the share of adults working or looking for work-remains below prepandemic levels, but is rising. It increased to 62.4% in March, up from 62.3% in February and from a pandemic low of 60.2% in April 2020.

#### Initial jobless claims, weekly



Note: Seasonally adjusted Source: U.S. Employment and Training

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### New Map In Florida Aids GOP Prospects

THE WALL STREET JOURNAL.

By Alexa Corse

Florida lawmakers approved a congressional map proposed by Republican Gov. Ron DeSantis that is expected to add four GOP seats to their House delegation and could counter Democrats' gains in other states this redistricting cycle.

The Republican-led Florida House approved the map Thursday, sending it to the governor, after the proceedings were delayed by Democrats who protested on the House floor and a day after the state Senate passed the map in a party-line vote. Legal challenges are expected, though little time remains for any potential changes to the map before Florida's August primary and the November elections.

The map will give Republicans a boost nationally in a political climate that is already favoring them retaking the House next year. The GOP needs to net five seats to win a majority in the chamber. Recent polls have shown higher voter enthusiasm among Republicans than Democrats, a majority of Americans disapproving of President Biden's performance and widespread dissatisfaction with inflation.

The map could add four GOP seats to Florida's U.S. House delegation, which would result in 20 Republican and eight Democratic representatives, according to an analysis by David Wasserman of the nonpartisan Cook Political Report. Florida now has 27 U.S. House seats, with 16 Republicans and 11 Democrats. The state is adding one more U.S. House seat based on 2020 census results. In the 2020 presidential election, former President Donald Trump won Florida with 51.2% of the vote compared with 47.9% for Mr. Biden.

One of the biggest changes is that Mr. DeSantis's map would break up the plurality Black Fifth Congressional District in northern Florida and replace it with a district that leans Republican. The district is now represented by Democratic Rep. Al Lawson. Mr. De-Santis has said that the district represented a racial gerrymander that was based too much on race at the expense of other considerations such as geographic boundaries.

The governor's office said the map wasn't based on racial or partisan data.

Florida Democrats nounced the new map, saying it would reduce the representation of Black voters and violated the federal Voting Rights Act and state constitutional provisions against gerrymandering.

### For Top Students, Rejections Pile Up

By Douglas Belkin

Kaitlyn Younger has been an academic standout since she started studying algebra in third grade.

She took her first advanced-placement course as a freshman, scored 1550 on her SATs as a junior at McKinney High School near Dallas and will graduate this spring with an unweighted 3.95 gradepoint average and as the founder of the school's accounting club. Along the way she performed in and directed about 30 plays, sang in the school choir, scored top marks on the tests she has so far taken for 11 advanced-placement classes, helped run a summer camp and held down a part-time job.

"She is extraordinary," said Jeff Cranmore, her guidance counselor at McKinney.

Ms. Younger, 18, was cautiously optimistic when she applied to top U.S. colleges last fall. Responses came this month: Stanford, Harvard, Yale, Brown, Cornell, University of Pennsylvania, University of Southern California, University of California, Berkeley, and Northwestern all rejected her.

"I expected a bunch wouldn't accept me," she said. "I didn't expect it to be this

The responses are part of a wave of rejections swamping top students who applied to many highly selective schools during the most competitive year on record. Now, students have until May 1 to let schools know where they will attend.

Harvard received a record 61.220 applications during the current admissions year and accepted 1,954 (3.2%). Brown received a record 50,649 applications and offered admission to 2,546 (5%). Yale received 50,015 applications and admitted 2,234 (4.5%). The University of California, Los Angeles received a record 149,700 applications, 10,000 more than last year; the school's acceptance rate wasn't available.

A reason applications were so inflated is because more than three-quarters of colleges and universities have stopped mandating entrance exams. With that barrier removed, more students tried their luck at selective schools that placed greater emphasis on



After Ivy League rejections, Kaitlyn Younger plans to attend Arizona State. Below, a library at Penn, where nearly 55,000 students applied this year, some 15,000 more than two years ago



grades, academic rigor and racial and socio-economic diver-

The result is that while many less prestigious schools are struggling to fill their classes, the most selective U.S. schools are drawing from a broader applicant pool—and that is driving the bar for admission higher than in past

High volume means admissions officers at some elite colleges spend just a few minutes reviewing individual applications. This places enormous pressure on students to stand out, and not just among their own high-school class-

Nearly 55,000 students applied to the University of Pennsylvania—about 15,000 more than applied two years ago. Many applications contained "national and international accolades for research that is already pushing the boundaries of academic discovery." wrote Whitney Soule. vice provost and dean of admissions on the school's web-

For students such as Ms. Younger, the odds are particularly long. She is a middleclass white female from a public high school in Texas who wants to study business. Each characteristic places her in an overrepresented group, said Sara Harberson, a former admission officer at University of Pennsylvania and now a private college-admissions coun-

Nearly half of white students admitted to Harvard between 2009 and 2014 were recruited athletes, legacy students, children of faculty and staff, or on the dean's interest list—applicants whose parents or relatives have donated to Harvard, according to a 2019 study published in the

National Bureau of Economic Research.

At Harvard, low-income students with top academic scores had an admit rate of 24% compared with 15% for all other applicants, according to a 2013 study by the school. Harvard has said it believes enrolling a diverse student body is important because the school wants students to learn to work with people from different backgrounds.

"The middle class tends to get a little bit neglected," said Hafeez Lakhani, a private college counselor in New York who charges \$1,200 an hour. "Twenty years ago, Ms. Younger would have had a good shot at an Ivy League school.'

College rejection letters don't come with a detailed explanation. Schools typically don't discuss their decisions on individual applications because of privacy rules. The schools that rejected Ms. Younger declined to comment on her application, and most declined to comment on their acceptance rate.

Jon Burdick, vice provost for enrollment at Cornell, said the school is working to increase its undergraduate population by 1,000, but still doesn't have enough slots for all the qualified students who apply.

"In the end we know that most of those we couldn't admit would have been capable of achieving excellence at Cornell, and we regret having to disappoint them," Mr. Burdick

Ms. Younger said she doesn't know why she was rejected but thinks her two B's during sophomore year were problematic, along with her demographic profile.

Gender also matters. Women now apply to college in much larger numbers than men. Schools seek to maintain gender parity in enrollment, which means young women often face higher standards and greater competition.

Of the 12 schools to which Ms. Younger applied, she was wait-listed at Rice University and accepted at the University of Texas, Austin-but not to the business school. She plans on attending Arizona State University to study business on an academic scholarship. The acceptance rate there last

### Philadelphia to Lift Its Reimposed Mask Mandate

By Scott Calvert

Philadelphia is lifting its citywide indoor mask mandate just days after becoming the first major U.S. city to reimpose such a requirement, officials

The city's Board of Health voted Thursday evening to rescind the mandate, citing improvements in local Covid-19

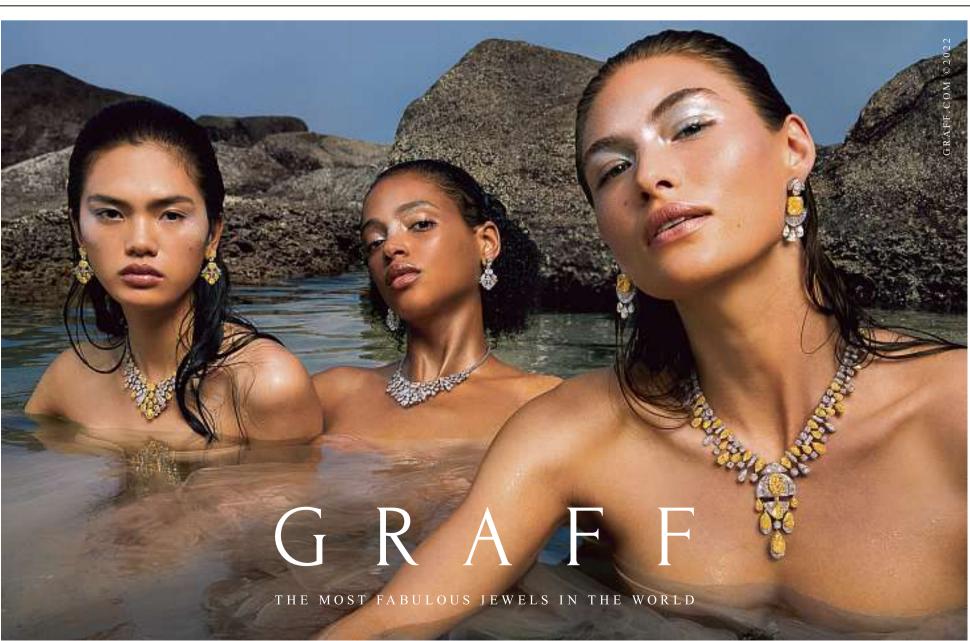
"Due to decreasing hospitalizations and a leveling of case counts, the City will move to strongly recommending masks in indoor public spaces as opposed to a mask mandate," a spokesman for Mayor Jim Ken-

further details would be provided Friday.

The health board's vote follows Monday's ruling by a federal judge in Florida that the Biden administration's Covid-19 mask mandate for public transportation was unlawful. The Justice Department has said it

ney said in an email. He said would appeal the decision. After the ruling, the Transportation Security Administration said it would stop enforcing mask mandates, as did major U.S. airlines on domestic flights. Some public transit agencies ended their mask mandates, while others including New York City's Metropoli-

tan Transportation Authority kept theirs in place. Philadelphia's reimposed mask requirement had just taken effect on Monday. At the time, Philadelphia Health Commissioner Cheryl Bettigole said that again requiring masks would give the city a chance to get ahead of rising Covid-19 cases.



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P2JW112000-5-A00400-17FFF5178F

### U.S. NEWS

### Oil Group Drafts Proposal For Carbon Tax on Fossil Fuels

Ву Тімотну Рико AND TED MANN

WASHINGTON-The nation's biggest oil industry trade group has drafted a proposal urging Congress to adopt a carbon tax, which would put a surcharge on gasoline and other fossil fuels to discourage greenhouse-gas emissions.

The draft proposal was approved by the American Petroleum Institute's climate committee last month, according to a document reviewed by The Wall Street Journal. The measure must still be approved by the group's executive committee.

A carbon tax would raise gasoline prices and other energy costs for consumers. Some API members want to delay action on the proposal amid nearrecord prices at the pump, contending it could alienate not only voters but Republican lawmakers friendly to the oil industry ahead of midterm elections, according to people involved in the discussions or who were briefed on them.

"The worst case is not get the policy, and lose the friends," one of the people said. "Today, that's probably the most likely possibility."

Rep. Garret Graves of Louisiana, lead Republican on the House Select Climate Committee, said Thursday the idea of a carbon tax "is just idiotic right now" given Russia's invasion of Ukraine and high energy prices.

"It is mind-boggling that anyone could look at the current state of affairs and conclude that putting an additional tax on American gasoline and energy is a solution for anything," he said.

The API proposal calls for assessing gasoline wholesalers, power plants and others a tax starting at \$35 to \$50 a ton for carbon dioxide generated by the fossil fuel they sell or use, with annual adjustments for inflation and other factors, according to the document reviewed by the Journal.

Some Democrats who once supported a carbon tax now oppose it, on grounds that the costs are passed on to consumers, including many who can't afford it.

The proposal suggests rebating some of the revenue collected by the carbon tax to households and investing the rest in new technology

The draft proposal says a carbon tax is "the most impactful and transparent way to achieve meaningful progress on the dual goals of reducing greenhouse gas ("GHG") emissions while simultaneously ensuring continued economic growth."

The measure is a follow-up to last year's decision by API to push Congress for legislation to price carbon emissions across the economy, in what was a policy turnabout a decade after the organization helped to kill a similar plan.

API spokeswoman Megan Bloomgren said the proposal was under a routine review by the organization, which she said was "focused on the most transparent and impactful ways to reduce emissions at the lowest cost for American families.'

### Justices Back Power to Curb Puerto Rico Aid

By Jess Bravin

WASHINGTON—The preme Court upheld the government's power to deny some federal benefits to residents of Puerto Rico, finding 8-1 that Congress' constitutional power to administer territories provides wide authority for treating them differently than Americans living in the 50 states.

Separately, a divided court rejected advertising companies' challenge to local billboard regulations, ruling that the First Amendment's freespeech guarantee is no bar to longstanding laws designed to limit visual blight.

The Puerto Rico case involves the Supplemental Security Income program, created in 1972 to provide benefits for low-income Americans who are older than 65 years, blind or disabled. Under current law, it covers residents of the 50 states, the District of Columbia and the Northern Mariana Islands but not those in Puerto Rico or other U.S. territories.

The Biden administration defended the current law as constitutional, but the president has called on Congress to extend SSI benefits to Puerto Rico residents. Under federal law, since 1899 people born in Puerto Rico are U.S. citizens.

According to the government, nearly eight million Americans receive an average monthly SSI payment of \$585; if Puerto Ricans were eligible for the program, more than 300,000 would qualify. Instead, they are covered by an older and more limited program that provides an average monthly benefit of \$82 to 34,000 island residents.

Jose Luis Vaello Madero, who in 1985 moved from Puerto Rico to New York, began collecting SSI benefits in 2012. The next year, he moved back to Puerto Rico, but the Social Security Administration didn't learn of the relocation for several years. After it did, the government sued Mr. Vaello Madero for repayment of \$28,000 plus interest and other costs.

In defense, Mr. Vaello Madero argued that the Fifth Amendment's due-process guarantee prohibited denial of SSI benefits to otherwise eligible Americans because they

reside in Puerto Rico.

Federal district and appellate courts agreed, but not the Supreme Court. Writing for the majority, Justice Brett Kavanaugh said that Congress has long made legislative decisions based on the "unique histories, economic conditions, social circumstances, independent policy views, and relative autonomy of the individual Territories." Puerto Ricans, for example, "are typically exempt from most federal income, gift, estate, and excise taxes," he wrote, while they pay Social Security, Medicare and unemployment taxes and are eligible for those programs.

Justice Kavanaugh cited Supreme Court precedents from 1978 and 1980 permitting Congress to "treat Puerto Rico differently from States so long as there is a rational basis for' doing so.

#### The court, 8-1, finds that Congress has wide say in how to administer benefits.

Justice Neil Gorsuch agreed that exclusion of Puerto Ricans from the program was rational. But he wrote separately to challenge the so-called Insular Cases, the precedents dating from 1901 that affirmed differential treatment of Puerto Rico and other territories the U.S. took from Spain in an 1898 treaty. "The Insular Cases have no foundation in the Constitution and rest instead on racial stereotypes," Justice Gorsuch wrote.

Justice Sonia Sotomayor agreed that the Insular Cases rested "on beliefs both odious and wrong" and should be overruled. But she dissented from the majority, arguing that Mr. Vaello Madero should prevail even under the rational-basis standard Justice Kavanaugh cited.

In the billboard case, the justices affirmed the longstanding practice of more strictly limiting off-premises signs from those affixed to the business they advertise.

### States Get Money to Curb Emissions

By Katy Stech Ferek

WASHINGTON-State governments will be able to spend \$6.4 billion on electric-vehicle charging stations, bike trails, energy-efficient streetlights and other projects under new guidelines issued by the Biden administration for use of federal infrastructure money aimed at reducing carbon emissions.

The guidelines, released Thursday by the U.S. Transportation Department, will help state governments determine projects that are eligible for funding under the roughly \$1 trillion bipartisan infrastructure legislation passed last year.

Of that total, \$6.4 billion is aimed at reducing carbon-dioxide emissions from on-road transportation through a new DOT funding program over the next five years.

The money will help expand transportation options for Americans who are struggling to afford higher gas prices, Transportation Secretary Pete Buttigieg told reporters.

The funding program is "designed to help states create cleaner transportation systems while also creating new jobs, giving the public new



The \$6.4 billion in infrastructure funds is destined for projects to reduce carbon-dioxide emissions.

ways to get around that can vehicles burn gasoline. help save people money on gas and creating healthier communities," he said.

The U.S. transportation sector is the country's largest source of carbon dioxide, which is released into the atmosphere when passenger cars, freight trucks and other

In a 16-page memo about the program, transportation officials said the money can be used to build dedicated bus lanes, electric-vehicle charging infrastructure and highway projects that use sustainable pavement.

State and local officials can

ects that cut road and highway congestion, such as by increasing vehicle-occupancy rates or reducing road demand through The program also requires

also spend the money on proj-

states to come up with ways to reduce their transportation emissions.

#### U.S. WATCH

HIGHWAY SAFETY

#### **Road-Death Signs Cause More Crashes**

Digital highway signs displaying year-to-date road fatalitiesintended to boost safer drivingcan backfire, causing an uptick in crashes in the segment of road following the messages, according to a new study.

The research, based on several years of crash and road-sign data from Texas, shows the number of vehicle crashes increased, on average, by 4.5% in the 6.2 miles following a fatality-statistic message. Such death-toll messaging on dynamic signs—the kind that typically show travel times or crash alerts-is distracting, the study authors said. They theorize that the signs put excessive demands on drivers' attention and information-processing abilities, what's known as cognitive load.

Cognitive overload can affect drivers' abilities to respond to changes in traffic conditions. causing them to make small errors that may result in multivehicle crashes, like getting too close to the car in front of them or drifting out of their lane, the au-

-Aylin Woodward

#### **Spring Storm Helps Following Dry Winter**

Heavy snow and rain fell across Northern California on Thursday as a substantial spring storm added to late-season precipitation totals after a dry winter.

Winter storm warnings were in effect from the Oregon border and down through the southern Cascades and the northern Sierra Nevada. An avalanche warning was issued for the central Sierra, including the Lake Tahoe

—Associated Press

**OBITUARY** 

#### Robert Morse, Tony Winner, Dies at 90

Actor Robert Morse, who won a Tony Award as a hilariously brash corporate climber in "How to Succeed in Business Without Really Trying" and a second one a generation later as the brilliant, troubled Truman Capote in "Tru," has died. He was 90 years old.

Mr. Morse died at his home Wednesday after a brief illness. -Associated Press



HEROES' WELCOME: Family and friends greet military veterans returning to Owensboro, Ky., after an Honor Flight trip. The trips bring former service members to war memorials in Washington, D.C.

### Musk Lines Up **Funding**

Continued from Page One While Mr. Musk surprised

doubters by actually coming up with the money—in contrast to his infamous "funding secured" tweet in 2018 that hinted at an ultimately nonexistent bid to take Tesla Inc. private—he is risking a considerable part of his fortune doing so.

Under the plan disclosed Thursday, he will hock \$62.5 billion of Tesla stock, onethird of his stake in the world's



**Elon Musk of Tesla** 

most-valuable car company, as collateral for bank loans. He would need to come up with \$21 billion more in cash, which

would likely mean selling Tesla stock or whittling his stakes in his privately held ventures, SpaceX and Boring Co.

And it leaves little margin for error at Twitter, which would be saddled with a heavy debt load under a new owner who has said he doesn't care whether the company makes money.

People familiar with the matter said Mr. Musk is still considering bringing in potential equity partners and has had conversations with some, which would lighten his own financial burden. He is also in line to receive billions of dollars in Tesla stock options after the company reported record quarterly earnings this week.

Twitter shares were little changed Thursday, closing at \$47.08. They have been trading

well below Mr. Musk's offer of other investor cheap shares \$54.20 a share, a sign that investors are skeptical.

Twitter is still likely to reject his bid, which he described as "best and final," in the coming days, people familiar with the matter said.

Mr. Musk said Thursday he is considering a so-called tender offer to shareholders that sidesteps the board. In a series of not-so-cryptic tweets-Is the Night" and "Love Me \_"—he has hinted as Tender much in recent days.

That effort would be complicated by a defensive move that Twitter's board made last week. It adopted a so-called poison pill, a legal maneuver that prevents Mr. Musk from amassing more than 15% of the company by offering every

that would dilute his stake.

Mr. Musk is a Twitter power user, with more than 82 million followers and a long history of espousing his views on everything from space travel to cryptocurrencies. In January, he began buying Twitter stock, becoming the single-largest individual investor with a more

than 9% stake by April. Since then, he has used his Twitter account to criticize the company, especially its approach to content moderation, which he believes impedes free speech. Twitter and other social-media platforms banned then-President Donald Trump, for example, shortly after Jan. 6, 2021, when his supporters—echoing many of his false claims about election fraudstormed the U.S. Capitol, seeking to overturn his 2020 loss.

Still unknown is whether other suitors might emerge for Twitter. The Wall Street Journal reported last week that private-equity firms including Apollo Global Management Inc. and Thoma Bravo LP are kicking the tires, and corporate suitors including Walt Disney Co. and Salesforce Inc. have made bids in the past.

But the fact that nearly every global blue-chip investment bank is participating in Mr. Musk's bid—except for the two, Goldman Sachs Group Inc. and JPMorgan Chase & Co., advising Twitter in its responsesuggests there isn't a rival bidder waiting to surface.

-Will Feuer contributed to this article.

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### Hepatitis Cases Emerge in Children

Health authorities are studying instances of the liver illness in the U.S. and Europe

By Denise Roland

Public-health authorities in the U.S., the U.K. and elsewhere in Europe are investigating dozens of mysterious cases of severe hepatitis among young children.

The U.S. Centers for Disease Control and Prevention has said it is working with publichealth officials in Alabama to probe the cause of nine cases of hepatitis in children ages 1 to 6 years old that have been reported in the state since October. In the U.K., public-health authorities are probing 108 cases since January, all in children ages 10 and younger. Cases have also been reported in Denmark, Ireland, the Netherlands and Spain, according to the European Center for Disease Prevention and Control.

Hepatitis, or inflammation of the liver, is most commonly caused by an infection—usually due to the hepatitis viruses or by high levels of alcohol consumption. It is very rare in children. Scotland, for instance, typically records fewer than four cases in a year, according to a paper published in the journal Eurosurveillance. Since January, 14 children in Scotland have suffered with hepatitis of unknown cause.

an extraordinary event," said Will Irving, professor of virology at the University of Nottingham, of the spate of cases around the world. "We certainly haven't got to the bottom of it."

Symptoms of hepatitis include dark urine and pale feces, vomiting, fatigue and, as the disease progresses, a yellowing of the eyes and skin known as jaundice. In the most serious cases, patients require a liver transplant. Of the 108 cases in the U.K., eight have required a transplant, the U.K. Health Security Agency\said on Thursday. Two of the nine cases in Alabama required a transplant, according to the state's public health department. As of April 11, no deaths had been reported, the World

Health Organization said.

The children in the U.K. tested negative for known hepatitis viruses. One possible cause, according to the UKHSA, is an infection by a type of adenovirus. Adenoviruses are responsible for common illnesses from colds to bladder infections. But none of the several dozen adenoviruses known to infect humans usually affect the liver in otherwise healthy people. The UKHSA said it was investigating whether the ade-

novirus genome had mutated. Adenovirus infection was detected in around three-quarters of the U.K. cases. The U.S. CDC said all nine cases in Alabama tested positive for adenovirus.

The UKHSA said it was still investigating other potential causes including the coronavirus that causes Covid-19, which was detected in some of the recent hepatitis cases. Other possible sources include other infections, or noninfectious causes such as toxins from food or the environment, the agency said. It has ruled out a link with Covid-19 vaccination because none of the cases in the U.K. was in an immunized person. Scottish researchers said they were exploring the possibility that the Omicron BA.2 variant or an as-yet uncharacterized coronavirus variant could lead to the inflammation.

Some of the cases in the U.K. tested positive for Covid-19, but high background infection levels mean those infections could be incidental. Even if investigators rule out the coronavirus that caused

the pandemic, it might still be playing an indirect role by altering the immune response to a subsequent, normally trivial

adenovirus infection. "It's possible that less exposure to infections over the last two years followed by increasing mixing now might mean some children are encountering infections for the first time in a while," said Alastair Sutcliffe, professor of general pediatrics at the University College London Great Ormond Street Institute of Child Health, who wasn't involved in the Scottish research.

Of the 13 Scottish patients described in the paper, all were hospitalized for at least six days. At the time of its publication on April 14, five remained hospitalized, including one who successfully underwent a liver transplant at a hospital in England. All but one of the children had no known underlying conditions and all were previously in good health.

### Judge Pauses Kentucky Abortion Law

By Laura Kusisto

A federal judge temporarily halted enforcement of a new Kentucky abortion law that local clinics said had forced them to stop performing the procedure.

Kentucky's Republican legislature passed the law last week, overriding a veto by the state's Democratic governor, and it took effect immediately.

The bill imposes additional reporting requirements on abortion providers, mandating that physicians who provide medication abortions register with the state and requiring facilities to report adverse events resulting from medication abortions.

U.S. District Judge Rebecca Grady Jennings in Louisville, Ky., issued a temporary restraining order against the law Thursday, granting a request by a Planned Parenthood affiliate that filed suit against the state.

Judge Jennings, a Trump appointee, said there appeared to be multiple provisions of the law for which the state hadn't yet created the forms or programs needed for abortion providers to comply. By making it impossible for providers to legally perform the procedure, the law was placing an undue burden on women seeking to exercise their federal constitutional right to terminate a pregnancy, the judge said.

"Because plaintiff cannot comply with [the law] and thus cannot legally perform abortion services, its patients face a substantial obstacle to exercising their rights to a previability abortion," she said.

The judge halted enforcement of the law for up to two weeks to allow for a more thorough hearing on the issue.

The state's two providers said they plan to begin offering abortion care again based on the court order.

"This is a win, but it is only the first step. We're prepared to fight for our patients' right to basic health in court and to continue doing everything in our power to ensure abortion access is permanently secured in Kentucky," said Rebecca Gichief executive of Planned Parenthood Great Northwest, Hawaii, Alaska, Indiana, Kentucky.

The law's supporters said the regulations were commonsense requirements to protect women's health.

Kentucky Attorney General Daniel Cameron, a Republican, said he was disappointed with the court's decision. "This law is constitutional, and we look forward to continuing to defend it," he said.

Kentucky is one of several states where the governor and state legislature are divided on abortion rights, setting up pitched legislative and legal battles while the Supreme Court is considering a blockbuster case from Mississippi that could determine the future of abortion rights. A ruling in that case is expected by the end of June.

### **New Jersey Starts Legal Sales of Recreational Cannabis**

Recreational marijuana sales began Thursday in New Jersey, marking the first time cannabis is legally available for nonmedical purposes in the New York City and Philadelphia regions.

Thirteen outlets around the Garden State that were already selling medical cannabis products are authorized to serve all customers at least 21 years old.

New Jersey could see around \$500 million in recreational marijuana sales this year, estimated Adam Goers, a senior vice president for corporate affairs at the cannabis company **Columbia** 

**Care**. The company operates two of the dispensaries selling recreational marijuana as of Thursday. "It's a long time coming," he said.

Marijuana is still considered a banned controlled substance by the U.S. government, but its recreational use is legal in 18 states and the District of Columbia, according to the Marijuana Policy Project. New Jersey voters approved a 2020 referendum allowing recreational cannabis and lawmakers ratified enabling legislation in 2021. Right, a dispensary in Bloomfield, —Jimmy Vielkind



### Nassar Assault Victims File Claims Against FBI

By Louise Radnofsky

Thirteen women sexually assaulted by the former USA Gymnastics doctor Larry Nassar after he was reported to the Federal Bureau of Investigation in the summer of 2015 have filed administrative tort claims against the agency over its failure to follow up on the allegations.

Nassar continued to see patients for more than a year after the FBI was alerted to complaints from Olympic gymnasts about the treatment he had given them. He was publicly accused of assault in the fall of 2016, and by early 2018 had been sentenced to an effective life sentence in prison on sexual abuse and child-pornography charges.

The Justice Department's inspector general detailed flaws in the FBI's response, in a report released last summer. Indianapolis agents who reUSA Gymnastics on July 28. 2015, didn't take the claims seriously, document the evidence they received or transfer the allegations to the FBI's resident agency in Lansing, Mich., and later made false statements to cover their mistakes,

the report found. The tort claims are the first civil action brought against the FBI over the Nassar case. Victims are each seeking \$10 million, arguing they were harmed by Nassar as a direct result of FBI agents' negligence and failure to follow Justice Depart-

ment procedures and policies. "Nobody should have been assaulted after the summer of 2015, because the FBI should have done its job," said Grace French, one of the 13 women who filed a claim on Wednesday. Most of the women filing the claims have chosen not to

publicly identify themselves. Jamie White, a lawyer for

ceived the initial report from the women, said the claims fol- that the claims rested heavily uty Attorney General Lisa Moagainst the FBI by victims of the shooting at Marjory Stoneman Douglas High School in Parkland, Fla. They argued that the FBI had failed to act on tips submitted to it and

#### Justice Department inspector general found agents ignored gymnast complaints.

reached an agreement for the U.S. government to pay \$127.5 million to families of students

and staff killed, and survivors. "This is the largest failure on the part of law enforcement in the history of the world as it pertains to the protection of children." Mr. White said of the gymnastics case. He also said

lowed an approach taken on the findings of the inspec- naco said in testimony before tor general's report.

A spokeswoman for the FBI didn't comment on the claims. The agency said when the inspector general report was released that it accepted its recommendation in full and took the findings against the agents "especially seriously."

The FBI's response was the subject of a congressional hearing in which the star gymnasts whose complaints were disregarded gave searing testimony and FBI Director Christopher Wray apologized for what had happened. The Justice Department subsequently said it was reviewing its decision not to prosecute the FBI agents, both of whom have since left

the agency. "I want the survivors to understand how exceptionally seriously we take this issue and believe that this deserves a thorough and full review," Dep-

the Senate Judiciary Committee last October. The case has also involved

settlements between hundreds of women and girls abused by Nassar and the organizations that employed him: Michigan State University, USA Gymnastics and the U.S. Olympic & Paralympic Committee.

Other lawyers who represented many of the women in those settlements haven't ruled out pursuing their own claims against the FRL "At this time we are continuing to investigate the FBI's major role in conspiring to hide Nassar's crimes from young gymnasts and their parents, " said John Manly, a lawyer for many other Nassar victims.

The FBI spokeswoman didn't comment on the status of the review.

–Omar Abdel-Baqui contributed to this article.

### Disney Bill Heads to Governor

Continued from Page One tionally seen broadly as the party of big business. Mr. De-Santis, a popular governor with possible presidential aspirations, is taking on an iconic U.S. company that for decades has brought significant revenue to his state.

The special district, created in 1967 and known as the Reedy Creek Improvement District, exempts Disney from numerous regulations and certain taxes and fees. It has permitted the company to manage its theme parks and resorts in the state with little red tape for more than 50 years.

"I think it's time Disney had to follow the same rules as everyone else," said Spencer Roach, a Republican state member from Lee

County, who was one of the original supporters of the idea of ending Reedy Creek. "Disney will finally be put on an even regulatory and taxing playing field with other theme parks."

Disney declined to comment and has so far not publicly responded to the special-district legislation.

The squabbling between Florida Republican lawmakers and Disney began when the entertainment company spoke out against the Parental Rights in Education law, which critics call the "Don't Say Gay" legislation. The measure bars classroom instruction on sexual orientation and gender identity through third grade, and limits it for older students to material that is "age-appropriate."

Disney initially didn't comment on the legislation, but came under pressure from employees to oppose it. After it passed, the company pledged to push for its repeal and to fight similar bills in other states.

On Thursday, the White House weighed in against the special-district legislation. "We oppose the governor taking ac-



Florida Gov. Ron DeSantis, a Republican, has made clear he would sign the bill ending Disney's special tax district.

tion against a company because of their opposition to that bill," White House spokeswoman Karine Jean-Pierre said while traveling with the president, referring to the Parental Rights in Education law that Disney opposed.

Ending the district could be a complicated process, and is likely to provoke a legal battle that could prolong the public dispute between Disney and Mr.

DeSantis. According to a bill analysis by legislative committee staff, dissolving the district could require approval by a majority of the resident electors or landowners of the district.

Reedy Creek's two residential communities, Bay Lake and Lake Buena Vista, have about 50 permanent residents in total, most of them Disney employees. As primary landowner in the district, Disney controls

most of the votes to elect Reedy Creek's board of supervisors, giving the company strong influence over any vote within the community.

David Ramba, executive director of the Florida Association of Special Districts, said that the bill will almost certainly draw lawsuits, and that Disney could argue that the legislature doesn't have the power to dissolve the district with a general law because it was originally created by a special act of the legislature.

"There could be challenges to the constitutionality of the law that was passed if the parties don't work out some agreement on how to implement the law before June of next year." Mr. Ramba said.

Under the bill passed by lawmakers Thursday, any special district established before the ratification of the Florida Constitution in 1968, and not renewed since then, would be dissolved on June 1, 2023. Disney could seek to re-establish a special district after its dissolution.

If the district is dissolved, responsibility for Reedy Creek's governance would likely fall to Orange County and to a lesser extent Osceola County, according to Mr. Ramba.

Orange County Mayor Jerry Demings said Thursday that lawmakers "have not adequately contemplated the ramifications of what they have proposed" and that county taxpayers could end up on the hook for public safety and other costs.

An Osceola County spokeswoman said Thursday that officials would begin analyzing potential financial impacts to the Disney currently pays prop-

erty and other taxes to both counties. In addition, the company, as the primary landowner at Reedy Creek, provided most of the \$153 million in revenue from taxes and fees that the district collected in fiscal 2021. That money covers all of the district's governing expenses, including paying about 400 employees' salaries. It is also used to service about \$977 million in long-term bond debt that Reedy Creek has issued over the years.

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### THE UKRAINE CRISIS

### U.S. Adds \$800 Million in Military Aid

Administration also bans Russian ships and launches program for Ukrainian refugees

WASHINGTON-President Biden said the U.S. would send more military and economic assistance to Ukraine, ban Russian-affiliated ships from U.S. ports and launch a refugee program for Ukraini-

> By Tarini Parti, Andrew Restuccia and Michelle Hackman

The latest roughly \$800 million military package will include heavy artillery weapons, such as 72 155mm howitzers, 144,000 rounds of artillery and dozens of tactical drones, the Pentagon said. It comes days after Russian forces began a fresh offensive in eastern Ukraine.

Mr. Biden met in person Thursday at the White House with Ukrainian Prime Minister Denys Shmyhal before his remarks, the White House said.

The new aid follows a previous \$800 million package in weapons to Kyiv that included artillery, armored personnel carriers and helicopters. That package, which was announced last week, marked the first time the U.S. sent 155mm artillery to Ukraine. It also included equipment that required training, such as the howitzers, as well as the sophisticated air-defense surveillance systems and counterbattery radars, which would be used to pinpoint the source of enemy artillery fire.

The two batches of aid announced over the past week will provide Ukraine with enough artillery systems to equip five battalions, the Pentagon said. The U.S. has sent roughly \$3.4 billion in security assistance to Ukraine since the



The U.S. has already provided Kyiv with a previous \$800 million package of weapons, including these Javelin antitank missiles.

start of Russia's invasion.

"Now we have to accelerate that assistance package to help prepare Ukraine for Russia's offensive that's going to be more limited in terms of geography, but not in terms of brutality," Mr. Biden said.

A senior U.S. defense official said the first flights carrying the latest \$800 million aid would leave the U.S. in the next 24 to 48 hours and would be in Ukrainian hands by the end of the weekend.

The president, in remarks at the White House, also said the U.S. would ban Russian-affiliated ships from its ports.

"That means no ship, no ship that sails under the Russian flag, or that is owned or operated by Russian interests U.S. ports, he said.

Enforcing such a ban on Russian ships could be difficult. Ships change flags and registries easily and this has created problems with some vessels being stuck at European ports while customs check their ownership papers and cargo.

The cargo volumes moved by Russian ships to the U.S. is less than 1% of total incoming cargo, according to Gene Seroka, executive director at the Port of Los Angeles.

In addition to the military aid, the U.S. will send an additional \$500 million in economic assistance for Ukraine, the president said. Treasury Secretary Janet Yellen told top

funding was to help the country pay general government expenses, according to a Treasury official. Ukraine has told the International Monetary Fund that it needs \$5 billion a month to keep its government and economy functioning after Russia's invasion.

Mr. Biden said the administration will ask Congress next week to authorize more funding for aid to Ukraine. He didn't say how much the administration would request, explaining that he is working with Defense Department officials to come up with a figure.

Congress previously approved \$13.6 billion in aid for Ukraine. Roughly half of the funds for Ukraine were allo-

will be allowed to dock" in Ukrainian officials that the cated for humanitarian and economic aid and the other half for defense in Ukraine as well as U.S. allies in the Baltics and Central and Eastern Europe.

The president said the U.S. had the capacity to maintain its current level of military aid for a long time.

Russia said Thursday it had taken control of Mariupol. Asked about the significance of that development, Mr. Biden said there was no evidence that the city had completely

"It's questionable whether [Putin] does control Mariupol," he said.

Mr. Biden called for a humanitarian corridor for Ukrainian forces that are still blockaded inside a Mariupol steel

plant and other parts of the

Mr. Biden also announced a new refugee-sponsorship program, which will launch Monday. The program will become the main path the administration hopes to use to fulfill its promise of taking in 100,000 Ukrainian refugees who fled after the invasion.

Under the program, called Uniting for Ukraine, U.S. citizens and groups will be required to attest to their financial ability to sponsor Ukrainian refugees, and Ukrainians must apply to the program already paired with a private sponsor.

If approved, Ukrainians will be allowed into the country on temporary humanitarian grounds under a program known as Humanitarian Parole for up to two years. Unlike the traditional refugee program, this new process won't automatically allow refugees to become U.S. permanent residents. That reflects a belief among Biden administration officials that most Ukrainian refugees want to return to their country as soon as possible and aren't looking for permanent resettlement.

Once Uniting for Ukraine is up and running, Ukrainians should be able to come to the U.S. about a week after applying, officials with the Department of Homeland Security have estimated. In addition to having an approved sponsor, the refugees must have several vaccinations including for Covid-19 and undergo basic security vetting.

More than five million Ukrainians have fled into neighboring Eastern European countries, triggering one of the largest and fastest refugee emergencies in recent decades, according to the United Nations refugee agency.

—Costas Paris and Nancy A. Youssef contributed to this article.

Average daily crude-oil exports from Russian ports to

**European ports** 

Netherlands

Estonia

### Of Further Actions **Against Moscow**

By Amara Omeokwe AND ANDREW DUEHREN

WASHINGTON—The U.S. and its allies are constrained in efforts to further punish Russia for its invasion of Ukraine because some potential steps lack international consensus and present risks to the global economy, Treasury Secretary Janet Yellen said.

Ms. Yellen committed to providing an additional \$500 million to help Ukraine pay general government expenses, adding to the roughly \$500 million the U.S. already provided in nonmilitary aid to Ukraine. Ms. Yellen said the Biden administration soon would request more funds from Congress for the aid.

As to further sanctions, Ms. Yellen said that some of them-such as a ban of Russian energy imports by European countries—would be difficult to enact. European countries are far more reliant than the U.S. on Russian energy. The U.S. already has banned imported oil and other energy sources from Russia.

"We need to be careful when we think about a complete European ban on, say, oil imports," Ms. Yellen said, speaking at a news conference. "That would clearly raise global oil prices, it would have a damaging impact on Europe and other parts of the world, and counterintuitively it could actually have very little nega-



Janet Yellen on Thursday

tive impact on Russia because although Russia might export less, its price for its exports would go up."

The U.S. rolled out a new round of sanctions Wednesday, targeting another bank, firms owned by a blacklisted Russian oligarch and a cryptocurrency mining company. As the U.S. and its allies consider next steps, Ms. Yellen said they should consider how to reduce Russia's revenues from energy sales without completely cutting Europe off from a critical energy supply.

"If we could figure a way to do that without harming the entire globe through higher energy prices, that would be ideal, and that's a matter that we're all trying to think through together," she said.

Ms. Yellen has recently said one alternative to banning energy imports outright would be to place energy payments in escrow and limit Russia's ability to use the revenue. European officials have reviewed the possibility of a phased-in oil embargo, a tariff on Russian oil, as well as the possibility of placing payments in an escrow account. Russia has warned it would stop delivering energy if payments are held in escrow.

Asked about the possibility of using Russia's frozen centralbank reserves to support Ukraine, Ms. Yellen said that Russia should eventually support Ukraine's rebuilding, without committing to such a step.

"I'd say that's a very significant step, and it's one that we would carefully need to think through the consequences of before taking it," she said.

Some observers have said that the decision by the U.S. and its allies to freeze many of Russia's foreign-currency reserves could cause other countries to become more hesitant to keep their reserves in dollars and erode the supremacy of the dollar in global trade and finance.

Ms. Yellen spoke to reporters during the spring meetings of the International Monetary Fund and World Bank

### Yellen Cites Limits Russian Oil Flows Under the Radar

By Anna Hirtenstein

Russia ramped up oil shipments to key customers in recent weeks, defying its pariah status in world energy markets. One increasingly popular method for delivery: tankers marked "destination unknown."

Oil exports from Russian ports bound for European Union member states, which historically have been the biggest buyers of Russian crude. have risen to an average of 1.6 million barrels a day so far in April, according to Tanker-Trackers.com. Exports had dropped to 1.3 million a day in March following the Ukraine invasion. Similar data from Kpler, another commodities data provider, showed flows rose to 1.3 million a day in April from 1 million in mid-March.

But an opaque market is forming to obscure the origin of that oil. Unlike before Russia invaded Ukraine, oil buvers are worried about the reputational risk of trading crude that is financing a government that Western leaders accuse of war crimes.

Oil from Russian ports is increasingly being shipped with its destination unknown. In April so far, over 11.1 million barrels were loaded into tankers without a planned route, more than to any country, according to TankerTrackers.com. That is up from almost none before the invasion.

The use of the destinationunknown label is a sign that the oil is being taken to larger ships at sea and unloaded, analysts and traders said. Russian



The U.K. is phasing out Russian oil, such as this diesel delivery.

ship's cargo, blurring where it came from. This is an old practice that has enabled exports from sanctioned countries such as Iran and Venezuela.

The Elandra Denali ship was off the coast of Gibraltar last week when it received three loads of oil from tankers that left from the Ust-Luga and Primorsk ports in Russia, according to the vessel operators, people involved in the transshipment and two shiptracking companies. The ship records show that it departed from Incheon, South Korea, crude is then mixed with the and is planning to arrive in mestic oil industry.

Rotterdam, a key refining port in the Netherlands.

New grades of refined products dubbed the Latvian blend and the Turkmenistani blend are also being offered in the market, according to traders, with the understanding that contain substantial amounts of Russian oil, they said.

Oil sales are the lifeblood of Russia's economy and government spending. It has struggled to sell oil at the same volumes and prices as before the war, causing backups in its do-

Romania March Greece April Bulgaria Poland Spain Croatia

Note: Data is through April 17

200,000 400,000 600,000

BARRELS A DAY

The U.S., U.K., Canada and

Australia have banned imports of Russian oil. The EU is more dependent on Russian energy, importing 27% of its oil from the country. European leaders have debated whether to impose an embargo as well, but have yet to act, as they balance the desire to isolate Russia without inflicting pain on their own economies through higher energy prices. Despite the lack of sanctions, many European energy companies self-restricted in the weeks following the invasion.

—Benoit Faucon contributed to this article.

### U.S. Says Blacklist Hits Weapons Technology

By Yuka Hayashi

WASHINGTON-Export controls implemented by the U.S. and its allies have cut Russia's imports of high-tech goods by more than half-and more export restrictions are being readied, U.S. Commerce Secretary Gina Raimondo said.

The blacklist—which covers products such as semiconductelecommunications equipment, lasers, avionics and maritime technologieshas left the Russian military struggling to find parts for

launching systems, the commerce secretary said. Russia is also short of semiconductors it needs for night-vision goggles and avionics, she said.

Industrial operations, such as auto factories, have been shut down for lack of parts, she said. "The export controls are having their desired effects, thanks to this unprecedented cooperation between the U.S. and the EU," Ms. Raimondo said.

Ms. Raimondo and European Commission Executive

tanks, satellites and rocket Vice President Valdis Dombrovskis spoke to reporters Thursday evening following their meeting to discuss sanctions against Russia. The two officials also discussed cooperation under the U.S.-European Union Trade and Technology Council, a bilateral forum launched in September.

Ms. Raimondo said the U.S. is likely to expand the list of blacklisted products heighten pressure on Moscow, without giving specifics.

In addition, Ms. Raimondo said the U.S. would seek reper-

cussions against companies that supply Russia with products that contain components on the U.S. export control list as an end-run around the U.S. ban. She didn't say what actions the U.S. may take against the companies.

The International Monetary Fund said Tuesday Russia's economy is expected to shrink by 8.5% this year, compared with 4.7% growth last year, hurt by reduced energy exports to Western Europe, as well as other sanctions targeting its economy.

### THE UKRAINE CRISIS

### A Harrowing Escape Out Of Mariupol

Civilians long trapped in besieged city make life-or-death decisions to leave homes, family

By Vivian Salama

"Are you a sniper?" the heavily armed Russian soldier manning a checkpoint on the outskirts of Mariupol asked, peering into the car at Alina Beskrovna, a 31-year-old trying to flee the city.

"No," she responded, looking down at her fingers, blackened from weeks of sheltering underground.

For more than a month—from late February until the end of March—Ms. Beskrovna and 31 others, including six children, crowded into a friend's basement, she recalled in a recent interview. They took shelter there to hide from the rockets and bullets that have rained down on Mariupol, a city in southeastern Ukraine that has been the center of some of the war's heaviest fighting.

They huddled away from the doorway when low-flying warplanes bombarded the city, terrified that the faintest light would give away their position and make them a target. They used old doors for beds and buckets for toilets, and slow-cooked pasta on open fires in subzero temperatures.

No one is sure precisely how many of Mariupol's 430,000 prewar residents remain inside the city—estimates range from 130,000 to 200,000 people—and efforts to evacuate them through humanitarian corridors have been slow, and many of them lack the money and other resources needed to get to safety

In a plea Wednesday, Mariupol Mayor Vadym Boychenko urged the remaining residents to flee as Russia's complete takeover of the coastal city appeared imminent. Russia the next day claimed complete control of Mariupol, while the last remaining Ukrainian fighters remain holed up in a steelworks.

Ms. Beskrovna's escape from the besieged city is an example of why so many civilians remained for so long: staying could mean getting killed, but leaving also comes with high risks.

In the lead-up to the war, Ukrainian officials sought to play down the growing concern of their Western supporters that Moscow could launch an attack from the Black Sea into the strategic Sea of Azov, on which Mariupol is located. In 2014, Russia annexed the Crimean Peninsula, which sits

between the two bodies of water, and some feared that the port cities of Mariupol and Odessa were all that stood in its way of securing a coastline corridor in Ukraine.

Evacuating Mariupol or other cities close to Ukraine's border with Russia was out of the question for officials in Kyiv who argued that the country's prosperity was at stake, and that fearmongering would lead to economic turmoil. So most of Mariupol's residents remained in place until the first Russian missiles hammered their city.

Russian forces sabotaged Mariupol's cellular grid almost as soon as they arrived, cutting it off from all outside communication. The city quickly became too dangerous and remote for many journalists to document the atrocities in real time.

Within weeks, the city became a symbol of the price Ukrainians would pay for their defiance, unrecognizable after relentless and indiscriminate shelling and bombing.

Before this latest war, Avenue of Peace, once Mariupol's busiest stretch renamed from the Soviet-era Lenin Avenue, had been lined with buildings standing nearly a dozen stories high. It was home to many of the city's residents, and included a series of affordable housing complexes for many of the local steel factory workers.

Many of the city's buildings are now gone. Others are so damaged that they will need to be demolished. In certain areas near the city center, craters mark where restaurants, coffee shops and hair salons once stood.

Mr. Boychenko estimates that at least 10,000 people are dead, and some 90% of the city's buildings are damaged or destroyed.





Hearing that Russian snipers were everywhere, Ms. Beskrovna, who worked briefly before the war assisting a reporter with The Wall Street Journal, and the others in the shelter were too terrified to step foot outside the basement, but passersby would bring news. First, a school was bombed, and then a hospital maternity ward. On March 16, the city's historic theater,

which served as a shelter for

hundreds, including many children, was flattened.

Ukrainian officials estimate that some 300 people died in that attack alone.

that attack alone.

After the Russian assault on the city started, Tatyana Burak and her husband scrambled from one basement to another in search of safety as the Russian mortars got closer and louder. On one trip outside to get supplies, Ms. Burak was shot in the arm and her hus-

band, Valeriy, was shot in the left cheek, a wound that shattered his jaw.

Ms. Burak, who escaped in mid-April, said she remembered graves in front of people's homes and apartment complexes, where they buried their dead for fear of venturing out any further.

The news from friends and relatives grew chilling: The Russians had a mobile crematorium, allegedly driving through the streets of Mariupol to burn the bodies of the dead.

With no end in sight, Ms. Beskrovna made the life-or-death decision on March 23 to flee. In two cars—one that uses diesel gas and one regular, to create "a division of risks"—they plotted their getaway, Ms. Beskrovna behind the wheel of one car, her neighbor at the other.

With five adults and four cats packed tightly into a Dacia Logan-model sedan, Ms. Beskrovna drove westward toward the cities of Yalta and Berdyansk, with the intention of continuing northwest toward Poland. As they drove, they could see charred buildings and the occasional victim of snipers' bullets strewn on the city's streets.

Sixteen Russian military

Above: Alina Beskrovna, at the wheel, made her getaway from Mariupol along with 5 adults and 4 cats. Left: Inside the basement where Ms. Beskrovna and 31 other people hid for more than a month.

checkpoints stood between them and relative safety. Along the way, they passed tanks with the Russian military's trademark "Z" written on the side.

"These are things I never imagined I would see in my life, and definitely not in Mariupol," she recalled.

"Are you sneaking any Ukrainians out in the trunk?" one of the Russian soldiers asked as he searched the vehicle, using an ethnic slur for Ukrainians. The slur, said Ms. Beskrovna, was a reference to anyone the Russians might detain: men of fighting age, those deemed to be helping the Ukrainian government, and anyone else found to be suspicious.

Most of the Russian soldiers let Ms. Beskrovna through the checkpoints without incident, she said. Both women left family and friends behind to a fate unknown. Ms. Beskrovna failed to persuade her father to join her and her mother, and they don't know if he is alive. She made it to Poland and from there, successfully traveled with her mother to Copenhagen.

"People in Mariupol don't have access to any information," said Ms. Burak, who also escaped Mariupol. She and her husband made it this week to Lviv, in western Ukraine, where they are being treated for their wounds. She worried that with Russia's takeover of the city now imminent, time may be running out for any remaining residents to escape.

"A lot of people didn't leave because they didn't know how," Ms. Burak said. "It's not that they didn't want to leave or to stay with their apartments. They didn't know how to leave, when to leave and if it would be safe to leave."



An emergency team Thursday transporting the body of a person killed in the conflict in Mariupol.

### Russia Claims Mariupol

Continued from Page One the lives of Russian soldiers.

"This is one of those times when we should think...about safeguarding the life and health of our soldiers and officers," he said. "Block this industrial zone so that not even a fly can enter."

Mr. Putin appealed to Ukrainian soldiers at the plant to lay down their weapons and said they would be dealt with according to international law.

While Russian troops won't be storming the plant, an operation that could take three to four days, Mr. Shoigu said, they will still likely be engaging with Ukrainian troops who continue to fire on Russian positions.

Ukraine's Azov regiment said Thursday that "despite the extremely difficult situation," it had managed to destroy three Russian tanks and two armored personnel carriers in the past two days.

On Wednesday, Major Serhiy Volyna, commander of the 36th Marine Brigade defending the steel plant, said in a video

recording that time was running out for his troops and they had only hours or days left to live.

"The enemy forces exceed

"The enemy forces exceed ours 10-fold," he said, dressed in fatigues and a head cover, his beard long and scraggly. "They dominate the skies, have the upper hand in artillery, in terms of groups operating on land, as well as in military equipment and tanks."

An effective blockade of the steel plant would free up Russian troops that have been fighting there for weeks, giving Moscow latitude to focus on taking other parts of southern Ukraine, where its troops have made the most territorial gains. A capture of the city would also secure a land bridge between Russian-controlled areas and Crimea, which Moscow annexed from Ukraine in 2014.

On Thursday, Deputy Prime Minister Iryna Vereshchuk of Ukraine called on Russia to allow a humanitarian corridor from the steel plant for troops and civilians who are sheltered

"They all need to be pulled out of Azovstal today!" she said in a Facebook post.

Elsewhere in Ukraine, the Russian Defense Ministry said it had hit more than 1,000 military objects across the country overnight, including 58 command posts and 162 artillery

positions.

Weeks after Russian troops pulled out of the areas around Kyiv, following a disastrous assault on the capital, Mr. Zelensky said authorities were working to restore order but warned that the situation still remained dire as Moscow was expected to make a more concerted push for land in the country's east.

"The situation in the east and south of our country remains as severe as possible," Mr. Zelensky said in an address late Wednesday. "The occupiers do not give up trying to gain at least some victory for themselves through a new large-scale offensive."

Russia's deputy envoy to the U.N., Dmitry Polyansky, dismissed a cease-fire plan put forward by U.N. Secretary-General António Guterres, saying it looked like an attempt to give Ukrainian forces a chance to rearm and regroup.

arm and regroup.
"I won't hide the fact that

#### Moscow Bans Certain Americans

Russia banned Vice President Kamala Harris, other top U.S. officials, chief executives and journalists from entering the country, citing the expanding list of anti-Russian sanctions under the Biden administration

The Kremlin's latest round of travel restrictions includes 29 people, and Russia's foreign ministry said the measures could be expanded.

The foreign ministry said that it also sanctioned Pentagon spokesman John Kirby, State Department spokesman Ned Price, Facebook founder Mark Zuckerberg and Bank of America Corp. Chief Executive Brian Moynihan.

The list also includes Bianna Golodryga, senior global affairs analyst at CNN, and Kevin Rothrock, managing editor of the English version of the Meduza media outlet.

The foreign ministry said in a separate statement that it is banning 61 Canadian citizens from entering Russia, citing discriminatory measures it said Ottawa was taking against Moscow.

The Canadian list includes Premier of Ontario Doug Ford, Premier of Alberta Jason Kenney, Premier of Saskatchewan Scott Moe and Toronto Mayor John Tory.

Moscow had already banned President Biden and Canadian Prime Minister Justin Trudeau from entering Russia.

—Mauro Orru

the calls to a truce and ceasefire sound very duplicitous and low," said Mr. Polyansky, speaking at the U.N.

The roughly \$800 million in additional U.S. military aid made public by Mr. Biden on Thursday will include 72 155mm howitzers, 144,000 artillery rounds, and dozens of tactical drones, the Pentagon said.

An aid package from the U.S. on April 13 also included heavy artillery: 18 howitzer guns. The two batches of aid announced over the past week will provide Ukraine with enough artillery systems to equip five battalions, the Pentagon said.

"Now we have to accelerate that assistance package to help prepare Ukraine for Russia's offensive that's going to be more limited in terms of geography, but not in terms of brutality," Mr. Biden, a Democrat, said.

The U.S. has sent about \$3.4 billion in security assistance to Ukraine since the start of Russia's invasion.

In addition to the military aid, the U.S. will send an additional \$500 million in economic assistance for Ukraine, the president said. Treasury Secretary Janet Yellen told top Ukrainian officials that the funding was to help the country pay general government expenses, according to a Treasury official.

Mr. Biden said the administration would soon ask Congress to authorize more funding for Ukraine, but didn't say how much the administration would request.

Enforcement of the Russian ship ban outlined by Mr. Biden could be difficult because ships change flags and registries easily. The cargo volumes moved by Russian ships to the U.S. is less than 1% of total incoming cargo, according to Gene Seroka, executive director at the Port of Los Angeles.

The new refugee-sponsorship program, which is slated to launch on Monday, will become the main path the Biden administration hopes to use to fulfill its promise of taking in 100,000 Ukrainian refugees.

Under the program, U.S. citizens and groups will be required to attest to their financial ability to sponsor Ukrainian refugees. If they are approved, Ukrainians will then be allowed into the country on temporary humanitarian grounds

—Tarini Parti and Andrew Restuccia contributed to this article.

### Watch a Video 「これます」 Scan this code



for a video on the battle for Mariupol, Ukraine.

### Private Comments Put Dissenter in Jail

Driver who worked for Moscow police runs afoul of Russian law limiting speech on war

THE WALL STREET JOURNAL.

By Evan Gershkovich

It was week three of Russia's invasion of Ukraine and Sergei Klokov, a driver at Moscow's police headquarters, was increasingly uneasy with Russian President Vladimir Putin's war and the way it was being portrayed in the country's state media. He telephoned a former colleague.

"We think we are fighting fascism, but there isn't fascism there. There isn't," Mr. Klokov, who is Russian-Ukrainian, told his friend. Concerned that Russian soldiers and Ukrainian civilians were dying for no reason, he implored, "Get the information out to people."

What Mr. Klokov didn't know was that his phone was tapped by Russian authorities.

The March 9 call was the first of three he placed to friends that day that investigators later cited in a criminal complaint against him, one of the first known cases under a new Russian law that prohibits spreading information on the war that goes against the Kremlin line.

Roughly a week after those phone calls, the 37-year-old father of two was arrested and locked up in the building where he worked, and where his wife, currently on maternity leave, also has a job as a security guard. He now faces up to 10 years in prison if convicted.

Mr. Klokov's predicament highlights the heightened risks for ordinary Russians of challenging the state—even in their private conversations—since the start of the war.

It also offers a glimpse into the conflicted feelings of many thousands of people whose families were formed when Russia and Ukraine were part of the Soviet Union and who have heritage on both sides of

the conflict.

"My husband has Russian roots, I have Ukrainian. But nationality had absolutely no meaning for us," Mr. Klokov's mother, Lyudmila Klokova, said. "We are all one...We didn't even talk about it."

Mr. Klokov's case files—reviewed by The Wall Street Journal—include call logs and transcripts of investigators questioning Mr. Klokov and his friends and colleagues. The files, along with interviews with his family and lawyers, reveal a man who proudly viewed himself as Russian and served the state for nearly two decades until the war made him question his identity.

Mr. Klokov, who is now being held in Moscow's Detention Center No. 4, couldn't be reached for comment. His lawyer, Daniil Berman, said he is innocent of the charges against him because any comments he made were in private conversations and not disseminated to the public.

Among Mr. Klokov's alleged crimes, according to investigators, were saying Russia was evacuating wounded troops to Belarus and hiding the true death toll among soldiers; that Ukraine isn't run by Nazis; and that Russian soldiers were killing Ukrainian civilians.

The morning after Mr. Klokov's arrest on March 16, he told investigators that he misspoke about the military operation and could have been misled by information he had received, according to a transcript prepared by investigators. During a second conversation, he confessed.

"I made a mistake while in an emotional and anxious state," he told police, according to the transcript.

The case files don't indicate whether authorities had a court order to tap Mr. Klokov's phone. Mr. Klokov's lawyer, Mr. Berman, said an investigator told him in early April that they had procured a court order, but he said he hasn't seen it.

The Investigative Committee, which is responsible for in-





vestigating major cases in Russia, didn't respond to requests for comment for this article. The Moscow branch of the Interior Ministry, which oversees the police, also didn't respond to requests for comment.

Born into a Russian-speaking family, Mr. Klokov spent the first years of his life in the Kyiv suburb of Bucha, where Ukrainian authorities say hundreds of civilians were killed by invading Russian troops. His father, Valentin Klokov, born in Ukraine to a Russian family, served as an officer in the Soviet army, and spent

four years in Afghanistan. The younger Mr. Klokov, who holds both Russian and Ukrainian passports, studied to be a car mechanic at two vocational schools while working as a driver for Moscow's police headquarters.

The family has long been comfortable with one foot in each country. When the war started on Feb. 24, Valentin was in Nizhyn, a city east of the capital Kyiv, spending a few weeks at a family apartment. Valentin spent his nights in the apartment building's basement. "The fighting I saw was worse than in Afghanistan," he said.

He sent images, viewed by the Journal, of burned-out ar-

Above: A portrait of Sergei Klokov that hangs at his home near Moscow. Left: Mr. Klokov's

mother, Dr. Lyudmila Klokova

mored vehicles and tanks to his son. Dr. Klokova, Sergei Klokov's 65-year-old mother, who works at a state hospital in Moscow, said the family also received photos from former neighbors in Bucha, Ukraine. The family had always gotten its news from Russian state television, which wasn't showing an offensive on Kyiv and surrounding areas.

"It hurt to see, but I can't help but believe it," Dr. Klokova said.

Back in Moscow, Mr. Klokov grew concerned about an elderly couple stranded in Bucha who were family friends. He called a police officer in Kyiv his father knew to see if he could help the couple, according to the case file. The police officer said he couldn't help because Bucha was in Russian hands. The police officer in Kyiv didn't respond to calls and messages from the Journal.

In calls to the Ukrainian policeman, Mr. Klokov struck up a regular conversation about what was really happening in the war, according to tran-

scripts of the calls. Mr. Klokov, in a subsequent phone call with a former colleague at the Moscow police headquarters, said he wanted to set up a call between his Moscow colleagues and the officer in Kyiv, so he could explain what was really happening.

In addition to the police officer in Kyiv, Mr. Klokov was also getting information from channels on Telegram and YouTube, according to transcripts of his conversations with his friends.

He passed that information to colleagues and friends. "They destroyed my city. Killed kids. Maternity wards," Mr. Klokov told one friend, according to a transcript of the call recorded by Russian authorities.

He urged his friends to trust the same sources, but transcripts of the calls show they doubted most of Mr. Klokov's claims. The more pressing topic for them was rising food prices.

Mr. Klokov also began talking politics with colleagues at work, which they told investigators he had never done until the war. All said they had tried to convince him he was wrong.

On March 18, Moscow's Presnensky district court approved a request by investigators to place Mr. Klokov in pretrial detention, saying he posed a "high degree of danger to the public."

Mr. Berman said he wasn't allowed to meet his client without police officers present for three weeks after his arrest. When they met without officers, he said, Mr. Klokov told him a court-appointed lawyer had urged him to plead guilty.

Mr. Klokov has since dropped the court-appointed lawyer, Vladimir Makarov. Reached by phone, Mr. Makarov declined to comment on whether he had suggested Mr. Klokov plead guilty, but said his former client "had lost his mind" because of "all the information that had been pumped into him from Ukraine."

#### WORLD WATCH



EXTRADITED: Former Honduras President Juan Orlando Hernández is escorted by police agents in Tegucigalpa. Mr. Hernández boarded a plane to the U.S. on Thursday to stand trial on drug trafficking and weapons charges. The U.S. indicted him on Jan. 27, hours after he left office.

UNITED KINGDOM

#### Johnson Faces Probe Over Covid Remarks

British lawmakers on Thursday ordered a parliamentary investigation into Prime Minister Boris Johnson for allegedly lying about whether he broke coronavirus restrictions by attending illegal gatherings during the pandemic.

Parliament's Committee of Privileges will investigate whether Mr. Johnson knowingly misled Parliament—historically a resigning offense if proven.

The probe piles more pressure on a Conservative prime minister whose grip on power has been shaken by claims he flouted the pandemic rules he imposed on the country, then repeatedly failed to own up to it.

The move was instigated by the opposition Labour Party and passed after the government abandoned efforts to get Conservative lawmakers to block it.

—Associated Press

EGYPT

### Ex-Lawmaker Jailed In Antiquities Case

An Egyptian court sentenced a former member of Parliament and others to 10 years in prison on Thursday for smuggling antiquities out of the country, as part of

a campaign to stop the trade. Egypt's state news agency

said that former member of Parliament Alaa Hassanein and four others would serve 10 years. Hassan Rateb, a prominent businessmen, and 17 others will face five years in prison. All were fined 1 million Egyptian pounds, or about \$54,000.

Egypt has drastically stepped up efforts in recent years to stop the trafficking of its antiquities, which flourished in the turmoil following a 2011 uprising that toppled longtime autocratic leader Hosni Mubarak.

The state news report didn't specify what kind of antiquities were being smuggled—but it said that in some cases those convicted had organized and funded secret excavations.

—Associated Press

NIGERIA

#### Suspected Rebel Attack Kills Nine

An attack by suspected Islamic extremist rebels killed nine people in northeast Nigeria, police and witnesses said Thursday, one of several deadly attacks this week in the troubled region. At least 15 people have been killed in attacks in the region this week.

The suspected Boko Haram members stormed Geidam, a border town in Yobe State, and opened fire on residents, according to witnesses. Those killed include two women and a retired inspector of police, said Dungus Abdulkareem with the Yobe State Police Command.

The militants came on foot and "began to shoot," resident Babagana Umar said.

No group claimed responsibility for the attack.

—Associated Press

AFGHANISTAN

#### String of Explosions Leaves 10 Dead

A series of explosions across Afghanistan on Thursday killed at least 10 people and wounded scores more, according to police and hospital officials.

No one took responsibility for the deadly explosions, but they mostly targeted minority Shiite Muslims and had all the hallmarks of an Islamic State affiliate, Islamic State in Khorasan Province.

The worst of the three attacks occurred in northern Mazar-e-Sharif, where at least 10 worshipers were killed as they knelt in prayer, said Dr. Ghawsuddin Anwari, head of the main hospital in northern Mazar-e-Sharif. Forty others were injured. They were brought to the hospital in ambulances and private cars.

—Associated Press

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### WORLD NEWS



Palestinian Muslim women prayed Wednesday in front of the Dome of the Rock mosque as three Jewish men visited the Temple Mount.

### Israeli-Palestinian Clashes **Increasing Focus on Holy Site**

By Dov Lieber

A wave of clashes between Israeli authorities and Palestinians in Jerusalem has brought renewed attention to the growth in religious Jewish visitors to the city's holiest site and escalating fears among Muslims that they are losing control of sacred ground.

After a week of near-daily violence on the site known to Jews as the Temple Mount and Muslims as the Noble Sanctuary, Israeli police said there were more skirmishes with Palestinians around the Al Aqsa mosque Thursday morning, as dozens of masked men tried to prevent Jewish visitors from visiting the area by throwing stones and shooting fireworks. The Palestinian Red Crescent said 20 Palestinians were injured during the clashes.

Violent eruptions on the site are becoming a more frequent occurrence, especially around religious holidays, as Muslims and some Israelis see a change in a set of unwritten rules around access to Jerusalem's holy ground.

Tensions in Jerusalem are running higher than usual this vear because of a rare overlapping of religious holidays that have brought tens of thousands of worshipers to Jerusalem's Old City, as Muslims observe Ramadan and celebrate Passover.

Israeli officials also blame the tensions on an incitement campaign by Islamist groups. including Gaza's rulers Hamas, designed to make Muslims feel they may lose access to the Al Aqsa mosque.

Jewish visitors to the site would accompany the groups cal preservation and excavawere once rare. Israel's rabbinical leadership had long said the site where the ancient temples once stood was considered too holy for Jews to walk upon, but over the past two decades, many nationalist religious Jewish leaders shifted their position and now encourage visits.

In 2014, there were 650 religious Jewish visitors to the site during Passover, according to the Temple Mount Heritage Foundation, a Jerusalem-based Jewish organization that encourages Jewish visitation to the site. In 2019, that number increased to 2,438 such religious visits and this year the number swelled to at least 4,625, the foundation said.

With more Jewish visitors, Israeli police enter the site more often and take measures that limit access to the site for some groups of Muslims and Jews during times of tension. Yitzhak Reiter, a professor at

Reichman University in Herzliva. Israel, said earlier in the Covid-19 pandemic—when the mount was less populated—a significant change occurred when Israeli police began taking up large groups of religious Jewish visitors and turning a blind eye when the groups prayed, even though Israel's police say prayer there is forbidden to anyone but Muslims. In the past, according to Mr. Reiter, this wouldn't have been possible because only small, easily monitored groups of up to nine Jewish visitors were allowed up at a time. Representatives from the Waqf, the Muslim officials who manage civilian affairs on the site, along with police to make sure the rules weren't broken.

"This is a dramatic change of the status quo," said Mr. Reiter.

Firas al-Dibs, a spokesman for the Waqf, said increased visits by religious Jews under police protection, Jewish religious practice, and the forceful eviction of Muslim worshipers and Waqf employees from the compound, were among the most serious Israeli infractions.

"I think that everything that has happened in the past days is all a reaction to the dangerous attacks against [Al Aqsa] mosque," he said.

A set of unwritten rules guides access to Jerusalem's holy ground.

For decades, Israeli and Muslim officials have communicated and coordinated with each other about their interpretations of the situation, a series of unwritten understandings between Israel and Jordanian and Palestinian officials that date to Israel's capture of the

holy site in 1967 from Jordan. The most agreed-upon issue has been that only Muslims can pray there while non-Muslims can visit during longagreed upon daily times. Yet the status quo also encompasses nearly everything on the massive complex, including construction, archaeologition, vetting and controlling visitors, policing and security, and dress codes and behavior.

When Israel signed a peace treaty with Jordan in 1994, it recognized the Hashemite Kingdom's role as custodian of the site. Yet disagreements still continue over how Israel and Jordan split control.

"Israel is preserving and will continue to preserve the status quo on the Temple Mount," said Israeli Foreign Minister Yair Lapid in a tweet. "We have no intention of changing it whatsoever."

The Israeli police deny allowing Jewish prayer on the mount and say they are ensuring freedom for Jews to tour and Muslims to pray.

In response to being shown video evidence by The Wall Street Journal of Jewish prayer on the site from December, the Israeli police said that "according to the guidelines, only Muslims are allowed to hold prayers on Temple Mount, and any deviation from the rules is treated accordingly.'

Jerusalem's Deputy Mayor Fleur Hassan-Nahoum said Thursday that limited Jewish prayer on the Temple Mount over Passover has been customary for several years.

"It's not a change to the status quo," she said, adding, "Hundreds of thousands of Muslims are praying on the [Al Aqsa compound], and a few tens of Jews can't worship on the Temple Mount during their holy days?"

-Yardena Schwartz and Fatima AbdulKarim

### China Advances Its Influence in Africa With Weapons Sales

By GORDON LUBOLD

WASHINGTON—China's arms sales, military training and investment in African infrastructure projects are increasingly giving Beijing a foothold on the continent, according to a new analysis by an open source intelligence company.

"The trend is clearly upward and what that arms sales diplomacy gives China is a lot more influence, a lot more power, over those African states," said Dylan Lee Lehrke, a lead analyst at Jane's. "It's a military dependency."

Nearly 70% of the 54 countries on the African continent possess Chinese armored military vehicles, and nearly 20% of all military vehicles in Africa are imported from China, according to the new analysis by Jane's, a company known for its publications on global weapons. The study shows sharp increases over the past two decades in Chinese military equipment sales to Africa, compared with the continent's traditional benefactor, Russia.

The top importers of Chinese armored equipment include Tanzania, Nigeria, Sudan, Cameroon, Zimbabwe, Zambia, Gabon, Algeria, Namibia, Ghana and Ethiopia, according to the study.

About 50% of Tanzania's military inventory is Chinese in origin, while U.S.-supplied equipment makes up about 11%. Soviet-era materiel, much of which is outdated, represents about 32% of the overall inventory, which includes armored vehicles, tanks and aircraft, according to Jane's.

The U.S. sees China as a global competitor in both the economic and security sectors, as Beijing expands its influence around the world through a variety of means, including its so-called Belt and Road Initiative, a global campaign to invest in countries. particularly in infrastructure.

Africa may find China's soft power approach more appealing in some respects than the U.S. model, said Lina Benabdallah, an assistant professor for politics at Wake Forest University, N.C.

Chinese soft power initiatives include high-level exchanges when African commanders travel to China to build military networks, said Ms. Benabdallah. That creates goodwill among many in Africa, and where there are Chinese bases, like in Djibouti, the Chinese businesses and contributed to this article. other facilities attempt to be

part of the community, offering a local benefit.

In contrast, she said, the American base in Djibouti is closed off to locals.

"I would not say these countries are co-opted by China," she said. The Chinese model "is a lot more attractive, and people think that there is a show of interest in blending these commercial deals with the security deals so everyone gets something out of it."

The Biden administration has tried to focus its military resources to compete with China by taking capabilities like jet fighters, air-defense systems and personnel out of the Middle East, so they can be repositioned in Asia. But government officials also believe that competition with China means the U.S. must also put some of those same capabilities in other places around the world, like Africa.

The Pentagon is grappling with its long-term posture on the continent after the Trump administration attempted to pull forces out of Africa following a tragic incident in Niger, in which four soldiers were killed after a deadly am-

There are about 6,000 military personnel assigned to U.S. Africa Command, the military command that oversees the continent. That includes uniformed military, civilian and contractors, according to the command.

Former Defense Secretary Mark Esper, who served under former President Donald Trump, had proposed pulling American forces out of Africa, but the decision was never acted on. Weeks before leaving office, Mr. Trump pulled about 700 American commandos and other troops out of Somalia, where they had been training local forces to fight al-Shabaab, an al Oaeda affiliate. President Biden has yet to rule on the Pentagon's request to return special operations troops to bases in the country.

Even as the U.S. has been pulling back from Africa. China appears to be expanding its military presence there.

American intelligence officials have expressed alarm over China's intentions to establish its first permanent military presence in the Atlantic Ocean, in the small Central African country of Equatorial Guinea. In February, a senior U.S. delegation traveled there to help persuade top officials against allowing Beijing to establish a base in the country.

Prime Minister Fumio Kishida, in a tank last year during a review.

### Tokyo Panel Seeks Rise In Defense Spending

By CHIEKO TSUNEOKA

TOKYO-Japan should aim to nearly double its defense spending over the next five years to 2% of gross domestic product and ease restrictions on arms exports, a rulingparty panel said Thursday, citing threats from China.

The ruling Liberal Democratic Party of Prime Minister Fumio Kishida had mentioned the 2% level in its election platform last year, but the latest proposal was the first time party policy makers gave a specific time frame, highlighting how the emergence of a Russia-China authoritarian axis has spurred U.S. allies to revise their defense thinking.

Japan only recently boosted defense spending beyond 1% of GDP, which was a longstanding informal cap.

Germany, which like Japan has had strong pacifist leanings since defeat in World War

II, helped motivate Tokyo's reevaluation when Chancellor Olaf Scholz said in late February that he aimed for defense spending to exceed 2% of GDP. In a policy proposal released

Thursday, the Japanese rulingparty panel cited the 2% target shared by North Atlantic Treaty Organization countries including Germany. It also observed that China's defense budget in fiscal 2021 was about

four times as big as Japan's. The panel said North Korea's acceleration of missile and nuclear programs represented a "grave and pressing threat," and it criticized China's assertive stance toward Taiwan. Beijing describes Taiwan, a democratically selfruled island, as part of China and hasn't ruled out the use of force to gain control over it.

The Japanese panel said the nation must "comprehensively strengthen its defense forces within five years."

### Inflation in Japan Finally Surfaces

By Megumi Fujikawa

TOKYO—In Japan, where prices have been roughly flat for decades, inflation is finally taking off. But unlike the Federal Reserve in the U.S., the Bank of Japan has resolved to keep interest rates low, helping drive a fall in the yen.

On Thursday, the Japanese central bank resumed another bond-buying move aimed at keeping a lid on rates. It promised to purchase unlimited quantities of government bonds to cap the yield at 0.25%—less than one-tenth the return on the equivalent U.S. Treasury bonds. The notice of intent, which lasts until Tuesday, was enough to push the yield below the cap without any actual purchases Thursday.

The Bank of Japan's unusual stance has propelled the yen to its weakest level against the dollar in two decades, jumbling the calculus that underpins hundreds of billions of dollars in annual trade and investment flows between Japan and the U.S.

The weak yen is one reason prices are rising in Japan, with consumer-price inflation expected to approach the central bank's longstanding 2% target in the next month or two. Japan is paying more in yen terms for imports such as oil and food, while global energy shortages and supplychain bottlenecks also push prices higher.

The normal central-bank

playbook in such a situation would be to prepare for higher interest rates to control inflation. That would also tend to draw investor money into the yen and relieve the pressure on import prices.

But the Bank of Japan, led by Gov. Haruhiko Kuroda, says it isn't ready to follow the Fed, which is preparing for multiple interest-rate increases this year. BOJ officials believe the current inflation is a one-time phenomenon driven by factors

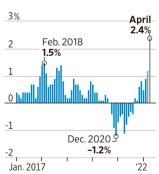
outside of Japan's control. In the BOJ's mind, such 'cost-push" inflation contains the seeds of its own demise because it is likely to tamp down demand and cool the economy.

"Cost-push inflation caused by rising energy prices has negative effects on the Japanese economy by reducing households' real income and companies' earnings," Mr. Kuroda said in parliament on Monday. "It is appropriate to continue easy monetary policy so we can achieve the 2% inflation target in a stable and sustainable manner."

Government numbers released Friday showed overall consumer-price inflation rose to 1.2% in March. Economists say the figure is likely to reach 2% in April or May, when the effects of price cuts last year for cellphone service taper off.

Except for brief intervals, Japan hasn't seen such numbers since the 1990s. The situation is a far cry from the U.S. The difference isn't just in the extent of inflation—consumer

Japan consumer prices, year-over-year change



Note: Figures cover all prices including food and energy. March and April 2022 figures are forecasts. rces: Statistics Bureau of Japan;

NLI Research Institute (forecasts)

prices in the U.S. rose 8.5% in March-but also in the attitudes of consumers.

U.S. consumers have helped accelerate price increases by snapping up houses, cars and electronics, even if they cost more. In Japan, price increases are mainly triggered by companies trying to preserve profit margins amid higher costs for inputs such as fuel and raw materials. The economy remains smaller than its prepandemic level.

"We cannot raise prices easily, considering Japan's current economic conditions," said Tadashi Yanai, head of Uniqlo clothing-store operator Fast Retailing Co., at a news conference April 14.

Some supermarket chains including **Seiyu** Co., in which Walmart Inc. holds a minority stake, have promised not to raise prices of their storebrand products until at least June 30, seeking to steal market share from brands that are raising prices.

The BOJ's Mr. Kuroda said he didn't like to see the yen rapidly weaken because smaller companies have trouble passing on the cost of higher import prices and would see their profits decline. On Wednesday, a dollar bought as much as ¥129.40the weakest level for the yen since April 2002—compared with around ¥115 at the beginning of this year.

Japan is closed to tourists because of Covid-19 restrictions, so a typical benefit of a cheap currency-luring bargain-hunting foreignersdoesn't apply at the moment. Finance Minister Shunichi Suzuki labeled the recent moves a "bad weakening of the yen."

Nonetheless, people familiar with the BOJ's thinking say policy makers are reluctant to raise interest rates purely as a response to exchange rates. A small rate increase might not impress markets much when the Fed moves are so much bigger, they say.

Analyst Kota Nakayama of Nowcast Inc., which tracks minute-by-minute purchases at supermarkets, said Japan's chief economic concern now was weak demand, not an overheating economy where prices could get out of control. The modest price increases so far have already hit demand in recent weeks, he said.

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### FROM PAGE ONE

### Netflix Scrutinizes Spending

Continued from Page One budgets depending on what the creative dictates, and what the size of the audience is," Bela Bajaria, the head of global TV for Netflix, said in a recent interview.

She said when Netflix first started making original programs it had no track record and had to make outsize bids to land "House of Cards" and other high-profile shows. "That was the cost of entry, the cost of doing business," Ms. Bajaria said.

Netflix executives said the company expects to continue to grow spending on content to more than \$20 billion this year while scrutinizing it more closely. Ms. Bajaria said that doesn't mean the service will cheap on production. "We're always going to make great shows and have the amount of money needed for the creator's vision," she said.

As it looks to rein in costs, Netflix is also exploring new ways to boost revenue. In January, the company said it was raising prices in the U.S. and Canada. On Tuesday's earnings call, Mr. Hastings said Netflix is exploring adding a lowerpriced, ad-supported version of the service to court costconscious viewers. And, after blaming password-sharing for limiting its growth, Netflix savs it is looking to "monetize" the practice.

#### Hollywood tensions

The newfound focus on content costs is causing tensions with Hollywood's producers and show runners, who have benefited from the streamer's largess. Netflix's tendency to give shows a quick hook when it believes they aren't delivering a return is another sore spot with producers and creators. Some producers say Netflix needs to be more aware of its competitive environment, and factor in the programming rivals are launching when deciding when to release its own shows.

"If there is anything I would say is a fault of Netflix, it is that they are so insular. They may not see what's going on outside their walls or they know and the hubris is so great they don't care," said Jeff Fierson, whose credits for Netflix include the movie 'Sweet Girl" and the short lived series "Daybreak."

Mr. Fierson noted that "Daybreak"—a show about teens in a post-apocalyptic Los Angeles—made its debut close to the premiere of Disney+'s "The Mandalorian" and the debut of the Apple TV+ streaming service.

Netflix still leads the pack in streaming video with more than 220 million subscribers. But its recent turbulence has rattled Wall Street, causing investors to question how big the pot of gold is in the streaming wars.

Disney+, Netflix's closest rival with 130 million subscribers globally, is starting to feel some pressure as well. The company launched a low-cost, ad-supported tier to boost subscribers. It is broadening beyond the "Star Wars" and "Marvel" programming that has anchored Disney+, hoping to reach new audiences and be better positioned to achieve its target of between 230 million and 260 million subscrib-

ers by the fall of 2024. The ABC show "Dancing with the Stars," which appeals primarily to an older audience, will move exclusively to Disney+ starting this fall.

All streaming players are learning that adding new subscribers is getting much harder, especially in the mature U.S. market. Every service is under pressure to create a steady flow of new shows and movies to draw in new subscribers and retain existing ones. The hope is that every once in a while they'll score a big hit like Netflix did with "Squid Game," "Tiger King" and "Queen's Gambit."

#### 'Capital-intensive'

Veteran media analyst Michael Nathanson, who has raised concerns about the prospects for major players in streaming, said consolidation that reduces the number of competitors might relieve some pressure, but "for the time being, this is a pretty capital-intensive business."

Some producers and writers say they are frustrated by inconsistent guidance from streaming services, which are always looking for a new formula to attract more subscribers. "As creative people we are getting whipsawed. There is not a mission statement that sticks around for more than a couple of months," said producer Mike Royce, whose credits include the Netflix reboot of "One Day at a Time."

When Netflix first introduced original programming to its platform a decade ago, its pitch to creators was that there would be little interference from the "suits" and no worries about ratings.

In recent years the company has spent hundreds of millions of dollars signing superstar producers including Shonda Rhimes and Ryan Murphy, setting off a talent arms race among Hollywood stu-

Now, the service has a never-ending conveyor belt of new content. Shows have a window of several weeks to find their audience or they are canceled, meaning they usually aren't promoted on the home page and become harder for viewers to find. Netflix executives say the company's cancellation rate is on par with that of rival streamers, and of broadcast and cable networks.

Producers say the short window for shows to prove themselves is unrealistic. A recent show that fell victim to a quick hook was "Cowboy Bebop," a bounty-hunter drama



Netflix users with low-cost plans and younger subscribers tend to cancel more than others.

Netflix average monthly churn' Netflix subscribers, change By age group By plan type from previous quarter 15 million **18-34** Basic Standard 35-50 Premium 50+ -2 million '21 '22 ′19 '20 2019 2019 20 '21 2017 '18 '20 '21 '22

\*Data is not available for 100% of subscribers. Excludes involuntary churn, such as when a credit card is declined Sources: Antenna (churn); the company (subscribers)

heavily on the show, betting it ranking of top-ten shows in the streamer's efficiency meawould appeal to the same audience that loved the hit show "Squid Game."

The streaming giant was so confident it ordered a second season before the first one had even made its debut. But just five weeks after "Cowboy Bebop" premiered on Nov. 19, Netflix pulled the plug. It simply wasn't gaining traction fast enough. The cancellation left the show's producers dumbfounded, according to a person close to the show.

"We always take big risks and big swings and sometimes, you know, many times they work and sometimes they don't," Ms. Bajaria said of Netflix's expensive misses. "It's a creative endeavor and it's not a science."

Sometimes, even coming out of the gate strong isn't animated series. Netflix spent chive 81" landed in Netflix's much, say people familiar with budgets on new shows by as

the U.S. soon after its January debut, even reaching No. 1 briefly. Two months later it was canceled.

Shows that Netflix spent heavily on, and which aren't resonating, will be canceled quickly. That was the case with last year's sci-fi drama "Jupiter's Legacy" and the spy series "Hit and Run," which were each canceled after about a month on the service.

The holy grail for Netflix is to find shows like "Squid Game" that are inexpensive and yet become hits. "Virgin River," at a cost of roughly \$3 million per episode, is a relatively low-budget soap opera with no big stars, but has been a huge success for Netflix.

That means it is more efficient than pop-culture hit "Bridgerton," which costs surement.

Under-the-radar, relatively low-cost hits are necessary to balance out the costs for bigticket programming such as the special-effects-filled show "Stranger Things," whose new season has a per-episode cost of \$30 million, according to people close to the show.

Netflix also places a high value on shows that appeal to less-frequent users of the service, who are the most in danger of canceling their subscription, compared with heavy users, company executives said.

Netflix is looking to lower its costs when licensing shows it doesn't own from outside studios and production companies. One studio executive with multiple shows at the streamer said in some cases based on a popular Japanese enough. The sci-fi drama "Ar- more than three times as Netflix is looking to reduce

much as 25%.

In addition, Netflix is seeking to change the formula it uses to license content. Typically, Netflix pays a premium to outside suppliers above the cost of production in return for having long-term rights to a show or movie. That premium has usually been a percentage of a show's budget ranging between 20% and as much as 35%

Now Netflix is seeking to shift to a flat fee model for those premiums so they don't rise if a show's production budget goes up.

Netflix is also re-evaluating the big production contracts it has made to star producers to make shows exclusively for their service as the streamer's results with such deals have been mixed, talent agents said.

Certain genres of programming have fallen out of favor at Netflix. The company has moved away from talk shows and musicals, after they failed to perform, executives said. By contrast, the company is investing in more documentaries and unscripted fare, which are cost-efficient and tend to perform well.

#### Plots and scripts

In Hollywood, Netflix has been known for giving creators a long leash. Now, the company expects to be more hands-on in the development of shows and movies, weighing in on scripts and plot points, company executives said.

Those practices are standard at traditional networks and studios. "Having more development is an evolution of the maturity of the business," said Ms. Bajaria, who before joining Netflix in 2016 was a top executive at Comcast Corp.'s NBCUniversal.

Producers say Netflix is also lowering costs by reducing the number of episodes it orders for shows for their second and third seasons.

The second season of the dark comedy "Russian Doll" has one less episode. The coming season of "Firefly Lane," a drama about two lifelong friends, is likely to have two fewer than its first season, people close to the show said.

Ms. Bajaria said shorter episode orders are "always about the creative" and not econom-

Another area where Netflix is tinkering is scheduling. The streamer recently hired Andy Kubitz, a former ABC and CBS programming executive, to the newly created position of "director of programming and launch analytics.'

Netflix doesn't plan on making any dramatic changes to its custom of releasing a season's worth of episodes at once. Other streamers have opted for a more traditional approach of spreading out the release of episodes so they can build buzz, a strategy some producers wish Netflix would embrace.

"There are so few Netflix shows that get what [producer] David Kelley used to call water cooler treatment you know, where he'd have an episode of 'Ally McBeal' and people would talk about it the next day," said Marty Adelstein, chief executive of Tomorrow Studios. He predicted Netflix will eventually shift to a model of releasing three episodes at a time.

Ms. Bajaria said the company's approach of allowing full-season binges is about customer freedom, adding: "I still think that our members, by and large, want to watch what they want, as many as they want, when they want."

Netflix quickly pulled the plug on 'Cowboy Bebop,' a bounty-hunter drama based on a popular Japanese animated series.

### CNN Shuts Streaming Service

Continued from Page One for launching the service on the eve of new management

coming in. We have to own what happened, even though it's not a result of what we did," Mr. Licht said. CNN+ will shut down on April 30, he wrote in a memo earlier Thursday.

The demise of CNN+ shows the unique challenges of building a streaming-news business, which can't feature a live feed of the TV network or its highest-profile content without running afoul of contractual obligations with pay-TV providers. Instead of offering access to CNN shows like "The Lead with Jake Tapper" and "Anderson Cooper 360°," CNN+ featured less newsy fare such as "Jake Tapper's Book Club" and "Parental Guidance With Anderson Cooper." CNN also wooed big-name

outside talent for its streaming service, including former Fox News anchor Chris Wallace. With backing from former WarnerMedia CEO Jason Kilar, CNN's previous regime spent \$300 million on developing CNN+ with plans of investing an additional \$750 million in the next few years, people familiar with the operation said.

Following its launch, CNN+ attracted fewer than 100,000 subscribers, a person familiar with the operation said, and its \$5.99-a-month price was seen as prohibitive by Discovery executives who questioned the viability of the service before the launch.

Some of the content from town hall meeting that he CNN+ will move to other platforms at parent Warner Bros. Discovery, including CNN, Mr. Licht told employees during the meeting. The HBO Max streaming service also is a potential landing spot for some of that content, he said.

In the memo to staff, Mr. Licht said the decision to shut down the CNN+ service was difficult but necessary.

"It is the right one for the long-term success of CNN," Mr. Licht said in the memo, which was reviewed by The Wall Street Journal. "It allows us to refocus resources on the core products that drive our singular focus: further enhancing CNN's journalism and its reputation as a global news

Thursday's decision was telegraphed last week by David Zaslav, the chief executive of Warner Bros. Discovery, who said at a companywide would rather have all the content from the sprawling entertainment and news company on one platform than launching individual services for various channels. As part of the shake-up, An-

drew Morse, the CNN executive who oversaw CNN+, is leaving the company. Mr. Morse couldn't be reached for comment. Mr. Licht said CNN executive Alex MacCallum would oversee CNN's digital operations. A CNN veteran with previous stints at the New York Times and Washington Post, Ms. MacCallum was most recently general manager of CNN+ and head of product for CNN Worldwide.

Mr. Licht said CNN+ employees would be paid and receive benefits for three months and can explore jobs elsewhere at the company.

The news of the closing was earlier reported by Variety.

During Thursday's town hall, JB Perrette, the Discovery executive named chief executive of the Warner Bros. Discovery streaming and interactive operations, said the company was unable to get information about CNN+ before it launched because of legal restrictions limiting their access to the planning on the service.

"The prior leadership just kept going," he said. "It makes it worse for us coming in here."

Mr. Kilar didn't respond to a request for comment. A former senior WarnerMedia executive said Discovery was wellbriefed on CNN+ and it raised no red flags.

Because of its relationships with pay-TV distributors, CNN was limited in the amount of live news and content it could put on its CNN+ platform. Without the urgency of breaking news, the site was seen as a tough sell by Discovery executives, a person close to the operation said. The majority of the content was softer fare such as Mr. Wallace's interview shows.

Rival Fox News has had more success in the direct-toconsumer streaming business. Its service Fox Nation has more than one million subscribers, a person familiar with that operation said.

But Fox News is also known for a very loyal audience, and the service offers both entertainment fare as well as content from some of its biggest names including Tucker Carlson. Fox News owner Fox Corp. and Wall Street Journal parent News Corp share common ownership.

There is a possibility Mr. Wallace's show could migrate to CNN, people familiar with the matter said.

Neither Mr. Wallace nor his agent responded to requests for comment.

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### ARTS IN REVIEW



obert Eggers isn't one for brightness, but the brooding images he favors are more than a matter of photography. They evoke darkness in the human soul. In his startling 2015 debut feature, "The Witch," a fanatically religious farmer in 17th-century New England inflicts his obsession with sin on his loved ones like a plague. In the filmmaker's 2019 "The Lighthouse," an enthralling-and funny-nightmare fantasy set a couple of centuries later, a veteran lighthouse keeper and his young assistant struggle toward symbolic and literal enlightenment on a desolate island off the coast of Maine while driving each other crazy. Yet neither film fully prepares us for "The Northman," a Viking action extravaganza that begins in A.D. 895, depicts battles and rituals of surpassing ghastliness, and—love it or leave it—constitutes a horror classic.

Loving it is not the issue, of course—the level of amputating, eviscerating, decapitating violence transcends good nasty fun. The challenge is taking it in, watching it without averting your eyes—I can't say mine stayed fixed on the screen—and seeing it for what it is, a tumultuous, graphically gorgeous entertainment for our time as well as an ineffably somber meditation on our species' seemingly inexhaustible reservoir of savagery.

At its simplest the screenplay, by the Icelandic writer Sjón and Mr. Eggers, is a chronicle of revenge. It's also modeled on Shakespeare's "Hamlet," the hero of which is a Danish prince with intricate antecedents and an obvious anagram in one Prince Amleth of Old Norse mythology.

Never mind the murky intricacies of this new version, or the inand-out audibility of febrile mutters that pass for dialogue (which FILM REVIEW | JOE MORGENSTERN

### 'The Northman': Good Lore and Gore Galore





Clockwise from top: Ethan Hawke, at left; Alexander Skarsgård; and Nicole Kidman

is mostly in English, with a sprinkling of Old Norse), or the dramatic tone that's sustained on a battle ax's edge between solemnity and absurdity. Just focus on revenge as Alexander Skarsgård's current Prince Amleth does—it's the only thing he thinks about after witnessing, as a loving young son, the death of his father, King Aurvandil War-Rayen (Ethan

Hawke), at the hands of Fjölnir (Claes Bang), Aurvandil's brother and Amleth's uncle. (Mr. Skarsgård's performance is a marvel of compressed energy.) Amleth's mother, Queen Gudrún, is played by Nicole Kidman with great intensity, a zest for incest and a rich smorgasbord of accents. Björk provides the voice behind the garish mask of a seeress who tells the re-

lentlessly impassive Amleth that "it is not enough to be the man

who never cries."

Which is all well and good, except that Mr. Eggers and his colleagues—among them the production designer Craig Lathrop and the cinematographer Jarin Blaschke—are less interested in Amleth's inner life, a modern concept with little or no counterpart in

ancient times, than in his unconscious mindset as a warrior who, for all his ferocity and purpose, must find ways to assuage his fears and keep plunging his vulnerable body into battle.

The process begins when he's still a lad, guided by his father the king through an initiatory ritual that I couldn't help seeing as a bar mitzvah featuring flying embers. It continues after Amleth flees the site of the regicide, is found by a band of Vikings, and joins their ranks as a berserker-a warrior fighting in a trance-like state that may have been induced by drugs or alcohol. Regardless of cause, this state becomes a dominant motif, and an edifying one that involves barking like a dog, howling like a bear, foaming at the mouth, doing whatever it takes for a sentient man to transform himself into a mindless killer beast.

The film grows more conventional after Amleth meets and falls in love with a beautiful Slavic slave, Olga of the Birch Forest (Anya Taylor-Joy), who claims to be a sorceress, and comes on as a shrewdie. "You have the strength to break men's bones," she tells him. "I have the cunning to break their minds." The silliness isn't Ms. Taylor-Joy's fault. She's skillful, quick and resourceful. The movie is a commercial venture—very possibly a smart one—and a love story helps sell the gore.

That said, "The Northman" has

much more than gore to offer—momentous and horrific events playing out at a barely imaginable time in a remote place (the film was actually shot in Ireland, not Iceland), yet reminding us of images on the nightly news. Mr. Eggers has summoned up a powerful saga about primitive men. Just as powerfully, though, he has made a film about the primitivism that we keep thinking we've left behind.

THEATER REVIEW | CHARLES ISHERWOOD

### An Honorable Death

### A dark comedy follows an executioner

New York
or Harry (David Threlfall), the
likably pompous central character in Martin McDonagh's
"Hangmen," executing people wasn't
just a living. It was a noble calling.
Putting convicts to death by means
of a rope around the neck was, he
firmly believes, superior to the more
barbaric methods used in other
countries.

The electric chair? "When that goes wrong they come out sizzling like a bloody steak! No thank you! I'll have my executions without the need for fried onions." The guillotine? "Messy and French."

Alas for Harry, by the second scene of this darkly hilarious play, set in the 1960s, hanging has been outlawed as a criminal punishment in the U.K. Mr. McDonagh, the Anglo-Irish writer who has specialized in acrid comedy deftly blended with often lurid and spectacular violence, has mellowed—marginally—in recent years. His movie "Three Billboards Outside Ebbing, Missouri" was hardly family fare, but still a far cry from the gore-fests of his early

plays. And in "Hangmen" we witness but two deaths—both carried out in the genteel fashion Harry prefers.

But Mr. McDonagh has not sanded down the serrated-knife edges of his comedy. Even when the play's tone darkens, the regulars at the pub Harry now runs continue to dole out generous doses of humor. Mr. McDonagh is incapable of writing a dull character or a flaccid line of dialogue, and "Hangmen" is peopled with a savory array of misfits and idlers propping up Harry's bar, drawn in bold but never garish comic colors, unwittingly dispensing wit.

Mr. McDonagh also includes a character, Shirley (Gaby French), the 15-year-old daughter of Harry and his wife, Alice (Tracie Bennett), whose pathos, while played for gentle humor, is unrestrainedly affecting. So shy she seems to tread the floors of the pub with a nervous sense of trespassing, Shirley, imbued with a softly glowing radiance in Ms. French's lovely turn, is drawn out of her shell by a newcomer, the aggressively outgoing Mooney



Alfie Allen and David Threlfall in Martin McDonagh's 'Hangmen'

(Alfie Allen, hiding a shiv beneath the charm). The jovial mood that usually reigns in the pub grows gloomier when Shirley leaves for an outing in the company of this suspicious fellow.

"Hangmen" has been directed by Matthew Dunster with an expert sense of balance, the humor bubbling on a low simmer even when tragedy seems to beat against the pub windows like the driving rain. Each of the ensemble cast precisely etches his or her neatly defined character.

Ms. Bennett is particularly fine as Alice, a leather-tough woman who reveals a frantic maternal anxiety when Shirley is out of her sight. As Harry's onetime assistant Syd, Andy Nyman gives an endearingly funny performance, his long-festering resentment of his treatment by Harry blending with the vestiges of a puppyish worship.

And Mr. Threlfall is superb as Harry, who presides over his pub with a puffed-up sense of importance derived from his notable career, needling and mocking his customers, at least until the unexplained absence of his daughter shakes him into an awareness-possibly a passing one-of what he had long kept out of his moral vision: the harsh re-

ality of death and the suffering that invariably accompanies it.

#### Hangmen

Golden Theatre, 252 W. 45th St., New York \$59-\$179, 212-239-6200, closes June 18

Mr. Isherwood is the Journal's theater critic.



The Russian opposition politician Alexei Navalny, who survived an assassination attempt

**TELEVISION REVIEW | JOHN ANDERSON** 

### A Thriller Flies Documentary's Flag

t the outset of the firstrate "Navalny," just before his return to Russia from Germany in 2021, Alexei Navalny tells documentary director Daniel Roher that because he was "famous" (air quotes implied), he always thought "it would be problematic for them to kill me"—"them" meaning Vladimir Putin. Boy, were you wrong, Mr. Roher replies. "Yes," says Mr. Navalny, "I was very wrong."

The Russian opposition leader, currently the guest of a Putin penal colony, is a charming, natural performer, something that's helped make him an international online sensation and prominent thorn in the side of the charisma-free Russian president, who dismisses his opponent as insignificant by refusing, with considerable effort, to utter the name Navalny in public—the results being quite the reverse of the intention. This is an example of what Mr. Navalny shorthands as "moscow4": According to the now-45-year-old anticorruption activist, when a high-ranking intelligence officer under Mr. Putin was hacked—his password was moscow1-he changed it to moscow2. When that was hacked, he changed it to moscow3. It's a story that doesn't need the punchline. But it illustrates Mr. Navalny's position that the brutality of the Kremlin is a byproduct of basic incompetence and stupidity, something its current conduct in Ukraine seems to be confirming.

The timing of "Navalny" is neither good nor bad—no crimes of the Putin regime can eclipse Ukraine, but Mr. Roher indicts the former KGB agent as a murderer on both a macro and micro level. In late 2020, Mr. Navalny was poisoned with what was determined to be the Novichok nerve agent (the same substance used on ex-military officer Sergei Skripal in

London and in other more successful attacks ascribed to Mr. Putin); his plane made an emergency landing in Siberia and his family was kept from him for days. That he lived at all is credited to the quick work of the hospital team, but as established later in the film there were also parties at work there making sure any traces of Novichok had dissipated or been erased

#### CNN's profile of Alexei Navalny reveals a man unafraid to stand up to tyranny at any cost.

Mr. Navalny tells Mr. Roher early on that he doesn't want to make a message movie. "Come on, Daniel," he faux-moans, "let's make a thriller out of this movie and in the case I will be killed let's make a boring movie of memory." A thriller is what they make—Mr. Navalny's confrontational campaign against the Russian president, which we watch in flashback, is the stuff of Hollywood, except that the hero is flirting with actual death. (He is so self-assured you sometimes forget that.)

Leading up to the assassination attempt, Mr. Rohr's interview and Mr. Navalny's return to Moscow in January 2021 (and his immediate arrest), we get to watch investigative journalism in action: Christo Grozev, of bellingcat.com, poses some important questions about Mr. Navalny's credentials, wondering what it means that the movie's hero of liberty has appeared in public beside "sieg heilers" and Russian nationalists. Mr. Navalny chalks this up to realpolitik and the extraordinary situation in Russia, and Mr. Grozev evidently comes around, because he contributes the intelligence that really does make "Navalny" into a nail-biter.

Mr. Grozev is quietly funny: On the dark web, he tells us, data is just a commodity and he has spent more than \$100,000 collecting it. (If his wife knew how much he'd spent, he says, "she wouldn't be my wife.") By cross-referencing passport entries, texts, travel itineraries and phone records, the reporter-detective ("just a Bulgarian nerd with a laptop," Mr. Navalny says admiringly) narrows down the list of suspected hitmen among Putin henchmen to four individuals.

Mr. Navalny calls them. "This is Alexei Navalny. Why did you want to kill me?" he asks one. A couple hang up. But things then get more humorous-and much more serious: One member of the murder team that trailed Mr. Navalny to Siberia, a chemist, buys into Mr. Navalny's impersonation of a Russian higher-up, talks about the attempted assassination very matter-of-factly, and confirms everything his prank callers suspect. "They'll kill him," says Mr. Navalny afterward. "Or he'll be president," says Mr. Grozev.

There's a "hot-mic" moment in "Navalny," which isn't embarrassing, but is revealing: Maria Pevchikh, head of the investigative unit of Mr. Navalny's Anti-Corruption Foundation and identified here as his press secretary, can be heard asking her colleague if he's OK with Mr. Roher's questions, some of which are delicate, personally and politically. He says he is. "He's filming it all." Mr. Navalny says of the director, "for the movie he's going to release if I get whacked." The attitude of Mr. Navalny and his colleagues is fearless, in a country governed by fear. Thrillers are rarely so inspiring.

**Navalny** Sunday, 9 p.m., CNN FILM REVIEW | JOE MORGENSTERN

### 'The Duke': Performances That Steal the Show

he title of "The Duke" refers to a Goya painting of the Duke of Wellington—it was stolen in 1961, under whimsical circumstances that made headlines at the time, from London's National Gallery. But there's contemporary royalty in the cast: Jim Broadbent as a fictionalized but far from airbrushed version of Kempton Bunton, the humble British eccentric who admits to having stolen it (and its frame), and Helen Mirren as Dorothy Bunton, Kempton's loyal, longsuffering, cleaning-woman wife. One of the pleasures-even privileges—of watching a film like this is seeing what superb actors are able to do with material that doesn't aspire to greatness. The story is charming, the performances are exceptional.

The director was Roger Michell ("Notting Hill"), who died a few weeks after "The Duke" was shown at the Telluride Film Festival last fall; he worked from a script written by Richard Bean and Clive Coleman. Part of the pull of the true story must have been its period. Mr. Michell and his colleagues, including the cinematographer Mike Eley, play with then-fashionable split screens, contrasting them to the touching plainness of the Buntons' working-class flat. (Fionn Whitehead is Jackie, the couple's son.) The main appeal, though, was clearly the hero's quixotic soul. Kempton has been a lifelong failure as a breadwinner: He even manages to get fired from a menial job at a commercial bakery. Yet he's an idealist who's always invoking the greater good. At one point we see him reading George Orwell's "Coming Up for Air," a classic comic novel about the struggles of a common man.

Having focused his sense of injustice as best he can, Kempton does what he did in real life. He calls attention to what he considers an unfair tax on ordinary people-requiring British owners of TV receivers to buy licenses to watch the BBC. He has a set, but insists that he has removed the BBC coil from its turret tuner and watches only the independent channel. No matter. The law is the law, and this outlaw of the emergent video age must serve a short jail term for his offense. Only after that does his obsession become a crusade to be financed by ransom from Gova's portrait.

Mr. Broadbent has long been one of those British prodigies who swings easily between starring and character roles. He was peerless as W.S. Gilbert, of Gilbert and Sullivan, in Mike Leigh's 1999 masterpiece "Topsy-Turvy." Here he's a star playing a familiar character-think half a dozen old Alec Guinness films—but with distinctive twists, even if the material sometimes wears thin. Kempton is buoyant in his denunciations, and when he has his day in court—the real case never went to trial—he's given a feel-good Capraesque speech that is readily identifiable for the contrivance that it is, yet manages to be stirring as well. (The script also gives Kempton a distinguished barrister, the real-life Jeremy Hutchinson, who's portrayed by Matthew Goode with airy and winning bemusement.)

And what of poor Dorothy in all of this? Not for a moment does she join the charm game. Ms. Mirren's choice, a wonderfully astringent one by a star with extraordinary resources, is to take her character with the utmost seriousness, except for occasional interludes when she dispels her grief—a death in the family has undone her—long enough to reveal the bright spirit she once was. Finely tuned to the screwiness of her husband, Dorothy keeps him, and the film, almost grounded.



Jim Broadbent as Kempton Bunton and Helen Mirren as Dorothy Bunton

Down

1 Warty hopper

2 "I really doubt

3 The Amer. prez,

4 Gave gambling

6 Opposite of "alt"

militarily

money to

5 Extra pds.

9 Not clerical

11 Rosary unit

12 Middy's sch.

15 "High Hopes"

lyricist Sammy

20 World Car of the

24 SUV featured in

Year winner in

14 Big racket

2020

23 Dr. of rap

27 It's opposite

28 "Very funny!"

30 Mythological

maiden

pronoun

31 Potsdam

29 Organic radicals

NNW

\_ facto

7 Spoil 8 Crumb carrier

10

#### Weather AccuWeather | Discover our app Shown are today's noon positions of weather systems and precipitation. Temperature bands are highs for the day 40s 0s . Calgary 30s 10s 50s 20s 30s 40s Mpls./St. Paul 50s 60s Cleveland 60s 70s 80s 90s St. Louis 100+ 80s na City Little Rock Warm Rain T-storms Stationary Snow Flurries Forecasts and graphics provided by AccuWeather, Inc. ©2022

#### **U.S. Forecasts**

		Today	V	To	morr	ow
City	Hi	Lo	W	Hi	Lo	٧
Anchorage	49	38	c	50	36	c
Atlanta	81	59	S	80	58	S
Austin	87	67	рс	85	68	р
Baltimore	73	50	S	66	52	C
Boise	60	35	рс	60	35	р
Boston	64	43	S	59	45	p
Burlington	55	32	рс	51	38	p
Charlotte	83	59	S	82	57	s
Chicago	59	57	r	82	65	р
Cleveland	59	51	pc	78	61	S
Dallas	85	67	pc	86	68	р
Denver	81	40	рс	58	33	C
Detroit	59	48	sh	78	61	р
Honolulu	85	73	sh	84	71	S
Houston	84	70	рс	84	70	р
Indianapolis	74	59	c	82	60	p
Kansas City	82	67	рс	73	50	t
Las Vegas	69	54	рс	76	56	S
Little Rock	83	65	рс	82	67	S
Los Angeles	66	51	рс	73	57	S
Miami	81	74	sh	82	74	S
Milwaukee	49	47	r	72	63	C
Minneapolis	53	52	r	72	46	t
Nashville	83	62	рс	82	64	р
New Orleans	82	66	рс	82	70	p
New York City	68	48	s	60	51	D

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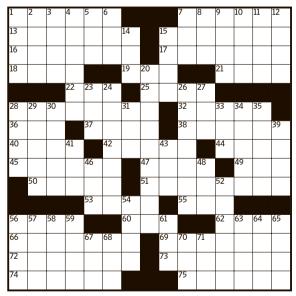
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		Paris	67	50	pc	67	50	r		
		Rio de Janeiro	85	72	S	91	75	pc		
orr		Riyadh	96	75	рс	96	78	pc		
Lo	W	Rome	64	49	sh	67	55	pc		
47	S	San Juan	83	73	sh	83	73	pc		
58	S	Seoul	65	47	рс	75	49	S		
63	S	Shanghai	87	67	рс	74	63	pc		
82	t	Singapore	89	78	t	88	77	t		
55	S	Sydney	68	61	sh	69	58	r		
43	pc	Taipei City	88	71	t	88	73	t		
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#### The WSJ Daily Crossword | Edited by Mike Shenk



#### DUDE, WHERE'S MY CAR? | By Matt Gaffney

/
The answer to this week's contest crossword is a note American car of the past or present.

**Across** 

1 Crossover SUV since 2005 7 Car in 1970s Nascar races 13 Left out

15 Party bites 16 Perennial participant in New York's Fashion Week

17 Crafty person 18 Marina structure 19 Utmost degree

21 Musical finish 22 Mag employees 25 Winds up 28 It runs up a staircase

32 Function 36 Amusing Schumer 37 Abbr. on a letter 38 Go back up 40 Holy number

42 "And \_\_\_ legend was born" 's Deli (Bia

birthday?

Void where prohibited. U.S. residents 18 and over only.)

Apple landmark) 45 Llama's cousin 47 Melon protector 49 Called on one's

as a goal 51 One who consumes something 53 Abbr. on a

50 Barely missing,

rubber stamp 55 Have a tab 56 Desire

60 Venerable reference bk. 62 Walkway

66 Of the open seas 69 "Just kiddina!" 72 The tiniest bit 73 Manny with 555 homers

74 Minivan recently

renamed as

Carnival ► Email your answer—in the subject line—to **crosswordcontest@wsj.com** by 11:59 p.m. Eastern Time Sunday, April 24. A solver selected at random will win a WSJ mug. Last week's winner: Dennis Berg, Rochester Hills, MI. Complete contest rules at WSJ.com/Puzzles. (No purchase necessary.



33 Boat with animals

34 Humongous

35 Lauder of cosmetics 39 1990s Israeli

president Weizman

41 Vote against

43 Wrath, for one

\_\_\_ anglais

(English horn)

48 Drops at dawn

52 Tank or system preceder

54 Andean stimulant

56 Courts

57 Dermatologist's concern

58 Have to have 59 Cruz with the 2010 #1 hit "Break Your

ads during 2013's Heart" Super Bowl 61 Way to go: Abbr. 26 Midsize SUV since 1998

63 High: Pref.

64 Not us 65 Israeli singer Ofra

67 Part of NGO 68 "Give \_\_\_ rest!" 70 Gangster's gun

71 Granny, in Germany



### **SPORTS**

POWERHOUSE. Jugger-

naut. Behemoth. Beast. Patty Gasso, who knows them better than anyone, uses a much more evoca-

homa softball team. This wonderful monster," says the Hall of Fame coach.

tive term to describe the 39-1 Okla-

See? That sounds much cooler. Gasso's Monster-er, Sooners-are the defending NCAA Division I softball champions and the nation's topranked team. They began the season with a record 38-game winning streak until an unexpected loss last weekend at rival Texas.

Gasso—always the coach—saw a silver lining to the defeat.

"At times, we were taking winning for granted," she says.

After all, the Sooners don't just beat teams. They crush souls. Thirtytwo of the club's 39 wins, including Wednesday's 10-0 blanking of North Texas, have come via the "run rule," a device that ends a game early if one team takes an eight-run lead after five or more equal innings.

Just going the distance with the Sooners is a kind of moral victory. The pitching staff—led by freshman phenom Jordy Bahl (168 strikeouts in 104 innings) and transfer Hope Trautwein, who threw a strikeoutsonly perfect game last year for North Texas-holds a filthy, nationleading 0.68 ERA. Oklahoma's .375 team batting average

sion I. Home runs? Sure. Plenty. The Sooner offense is anchored by Jocelyn Alo, aka college softball's Babe Ruth, who recently broke former Oklahoma star Lauren Chamberlain's career record of 95 home runs-and has now pushed on to 109.

is also tops in Divi-

It doesn't stop there. The Sooners have *four* players (Alo, Bahl, Jayda Coleman and Grace Lyons) named as finalists for National

Player of the Year. They're so stacked, some of their most competitive games wind up being against themselves. Alo vs. Bahl, at practice? Good stuff.

"I wish I could have that televised," says Gasso. "Our intersquads look like two top-10 teams playing against each other."

Oklahoma is the most prominent team riding a boom time for college softball. Television ratings for last year's Women's College World Series, in which the Sooners defeated Florida State, vastly outperformed the men's baseball tournament, averaging more than a million viewers per contest.

With its shorter games, snappier play, and packed, compact stadiums—to say nothing of the amusing JASON GAY

### College Softball's 'Wonderful Monster'

The defending champion Oklahoma Sooners might be the most dominant team in sports



The Oklahoma Sooners are the defending NCAA Division I softball champions and the nation's topranked team. Left, coach Patty Gasso transformed OU into one of the best programs in college sports.

chatter from players on the field and

"I've said many times in our administrative meetings—baseball should pay attention to what's going on," says Oklahoma's athletic director, Joe Castiglione.

in the dugout—college softball can

hit like a double espresso next to

The softball Sooners are a hot ticket wherever they play. Everyone wants to see them, beat them, or watch them be great. There are vibes of other sports phenomena, like the peak Golden State Warriors. At home in Norman, games are standing room only, with overflow fans stuffed into the outfield.

"Fans are crazy for their Sooners," says Alo.

"There are *scalpers* outside of our

stadium," Gasso says, incredulously.

The coach remembers far humbler days. When Gasso

started in Oklahoma 28 seasons ago, the Sooners were lucky to get 50 people to show up-"just parents," she says. Players didn't get dressed in a locker room; they arrived for games in uniform, and left in uniform, too.

Now there are five national championships, and an expectation to compete for the title every season.

Alo, who hails from Hauula, Hawaii, fell in love with Sooner softball on a visit to Norman, and smacked 30 home runs in her 2018 freshman debut. Now a "super senior"—she earned extra eligibility after Covid abruptly ended the 2020 seasonshe's soaking up the atmosphere, and feeling bittersweet about the end. "I'm genuinely trying to enjoy every moment I have with this

team," Alo says.

Alo is among the growing number of college athletes who've been able to capitalize on new "name, image and likeness" rules that allow them to receive money for endorsements.

The Sooners are a hot ticket. Everyone wants to see them, beat them, or watch them be great.

You can buy "HOME RUN QUEEN" T-shirts with Alo's picture and number on them—they're co-branded with Oklahoma-and this week, she announced a partnership with a local car dealership.

"I'm excited to see companies take a chance with women's athletes," she says.

Navigating all of this from the dugout is Gasso, the 59-year-old California native who has won more than 80% of her games and transformed OU into one of the best programs in all of college sports.

"She is 100% a boss lady," says Alo. "I would run through a brick wall for her."

Gasso sees progress all aroundin the level of talent, the media attention, and the rising public interest. "There's kind of a 'wow' factor, what's happened," she says.

Later this year, the softball Sooners will break ground on a new stadium, with a budget reported to be close to \$30 million. Oklahoma intends to keep its foot on the pedal.

"They're pushing the limits—in a positive way—of how far they can take the sport," says Castiglione.

But first, the "Wonderful Monster" wants to win the season's last game. "They want those rings," says Gasso. "That's what they're about."

### The NHL Rookie Whose Trick Shot Has Divided the League

By Laine Higgins

**ANAHEIM DUCKS** rookie Trevor Zegras is ending his first National Hockey League season as either one of the game's most exciting new players or a flashy kid lacking respect for the game's traditions—depending on your point of view.

His divisive status is thanks to a

lacrosse-style trick shot that Zegras has made a regular part of his arsenal. The shot involves catching a puck on the blade of the hockey stick before flinging it toward the goal. It's been around since the mid-1990s, when it was dubbed "The Michigan" for the college team that first scored with it at a major level. It's perfectly legal, but rare

enough that it usually prompts a few questions.

Zegras, however, has taken it into the stratosphere, deploying it three times on plays that resulted in goals this season. And that's creating an uncomfortable debate for a league that is desperate to appeal to a wider, younger fan base, and a sport whose unwritten rules can sometimes stifle innovation. Zegras is suddenly an idol to young hockey players—and getting hit more on

the ice by unamused opponents. "Is it a 'hot dog move' where you're trying to embarrass your opponent, or is it a once-in-a-lifetime move where you pull it out of your bag of tricks?" asked Red Berenson, the former longtime Michigan hockey coach who vividly remembers watching Mike Legg score the

first such goal in 1996. "We're at a moment in time where the game is evolving a little bit. And Trevor seems to be on the front line with it," said Gary Zegras, the rookie's father who has watched his son unsuccessfully try "The Michigan" at every stop of his hockey career from PeeWee to Anaheim. "The first time it worked was in an NHL game, which is hysterical."



Anaheim Ducks center Trevor Zegras passes the puck from behind the net.

Zegras's first lacrosse-style highlight in early December was actually an assist. With a Buffalo defender incoming, Zegras scooped the puck on to his stick and lofted it over the back of the net to his slightly stunned teammate Sonny Milano, who poked the puck in over Sabres goaltender Ukko-Pekka Luukkonen's shoulder.

"I expected him to do 'The Michigan' by himself before I even called for it," Milano said after the game.

Only one person more dumbfounded by the ludicrous pass than

"I still can't believe it worked," Zegras said at the time. "I tried it a couple times and haven't even come close. For him [Sonny] to whack it out of the air and keep it under the crossbar is pretty incredible."

The goal was so jaw-dropping that it got celebrities far removed from the hockey bubble, like actor Michael B. Jordan, sharing the highlight on Instagram.

Zegras's crazy assist isn't how "The Michigan" goal is usually drawn up. Legg's iconic 1996 goal was a solo effort during the regional round of the NCAA Tournament against Minnesota. Tied at 2 in the second period, a Michigan skater lost the puck while sliding behind the net. Legg was there to steady it on his stick. He crouched low and the Golden Gophers' goalie snapped his head to the front of the goal, where he was expecting Legg to pass. Instead, Legg twirled his stick around and guided the puck into the top right corner of the net.

"I was there and I was shocked," Berenson recalled. "Like Holy Jeez he's going to pull it off."

Legg's stick has been enshrined in the Hockey Hall of Fame. But the most famous goal in college hockey might not have happened if Legg hadn't gotten a gentle nudge from Berenson.

"One day I saw him do this move [after practice] and I said to him,

Legger, when are you going to pull that off in a game?" Berenson said. Until that moment, Legg said he wasn't even sure if the

move was legal. (It is.) Years later, Zegras started toying with replicating the goal as a middle schooler.

"It was sort of like a progression: he'd come up with stuff in his bedroom, he'd work on it in the driveway on Rollerblades and then he would practice it on the ice," said Gary Zegras. "He would do that nonstop every day until he perfected it."

His father suspects his son first saw Legg's goal on YouTube and was inspired to try it because he already had

a decent handle for that motion: Born and raised in Bedford, N.Y., in the lacrosse hotbed of Westchester County, Zegras played the sport from age 6 through freshman year of high school.

Zegras didn't score any "Michigans" during his sole season for Boston University in 2019-20. But he has suddenly found the groove in the NHL. After his spectacular assist on Dec. 8, Zegras netted a solo "Michigan" against the Montreal Canadiens on Jan. 27, albeit in an empty Bell Center due to health restrictions in Canada. Then on April 1, he did it again against Arizona—this time wrapping the puck not only around the post, but also the back of Milano.

The last time was controversial because it came on the road against the moribund Coyotes with the Ducks already up 2-0 halfway into the first period. Anaheim paid for it late in the third period, when Arizona's Jay Beagle cross checked

Zegras and threw punches at Troy Terry, the Ducks' leading scorer. Terry left Phoenix with an ugly shiner. Beagle didn't explicitly say that he was trying to send Zegras a message, but justified the tussle by alleging that Zegras bumped into Arizona's goalie, a big no-no per hockey's unwritten rules of decorum that usually begets a fight. Zegras said he was merely chasing a loose puck and ripped Beagle for his "humiliating" behavior.

Zegras's father has said he's noticed his son has been getting tossed around more. Data backs this up: Zegras went from being hit about once per game prior to scoring a "Michigan" against Montreal to 1.48 times per game since. Some NHL veterans see the up-

side of a new kind of excitement in the league.

"I think it's pretty damn good," Andrei Svechnikov said earlier this month before his Carolina Hurricanes defeated the Ducks. "Younger guys, they have more skill and I think we're going to see that more and maybe some new things as

Svechnikov would know: He's one of the few active players to successfully score a "Michigan" in the NHL. The right wing has actually scored two, most recently in 2019, despite growing up in Russia and never having watched Legg's iconic goal.

John Gardener, Zegras's former coach at Avon Old Farms, a Connecticut prep school where Zegras spent one year, had once tried to get Zegras to leave "The Michigan" alone, but now recognizes that what his former player is doing with the Ducks is having a positive impact.

At a skills clinic he hosted last month in Connecticut, Gardener said that dozens of kids asked him whether it was true that he once coached Zegras.

"[To] any young kid, he's like their idol," Gardener said.

### **OPINION**

### Fusion GPS's 'Privilege' Cover



By Kimberley A. Strassel

Fritsch. 0 p p o — t h e country's newest, if not its most prestigious, law firm. At least that's what the purveyors

of the Russia collusion hoax are now peddling to the judiciary, part of a last-ditch effort to conceal the truth of their actions.

Readers are familiar with Glenn Simpson and Peter Fritsch as the co-founders of Fusion GPS, the opposition-research firm hired by the Hillary Clinton campaign and **Democratic National Commit**tee (via law firm Perkins Coie) in 2016 to concoct the infamous "dossier" against Donald Trump. A grand jury impaneled by special counsel John Durham indicted Perkins Coie partner Michael Sussmann last vear on a false-statement charge related to his effort to feed such dirt to the FBI. Mr. Sussmann pleaded not guilty.

This month Mr. Durham asked a federal judge to compel Fusion, the DNC and the Clinton campaign to hand over documents for the judge to review in chambers. The filing says Fusion GPS is sitting on some 1.455 documents covered by his subpoena. The Clinton campaign and DNC are asserting privilege over communications between Fusion and Rodnev Joffe, a tech executive. who the Durham team says used his position to access

America, meet nonpublic internet data to pro- as well as on state election Simpson, Trump.

On what grounds do the parties refuse to produce the documents? In a flurry of filings Tuesday by Fusion GPS, the Clinton campaign, the DNC, Mr. Joffe and Perkins Coie, they explain that-contrary to public record, sworn testimony, news articles, books and the findings of federal investigators-Fusion was retained not to do oppo-research, but to "support" Perkins Coie's "legal advice" to Democrats, and its documents are therefore covered under attorney-client privilege.

That absurd claim is the only refuge left to the first high-level campaign called out for funneling its political operations through a law firm. For years Democrats and Republicans alike have listed controversial contractors as "legal services" to avoid disclosure, and the practice is now on display given the Clinton campaign's reckless decision to push the tactic to extremes by wrapping in the FBI and provoking a national crisis. Mr. Durham is performing the dual service of unraveling the Russia hoax and exposing a longtime Washington

Which leaves the document hiders in a tough legal spot. Not every communication that emanates from a lawyer is privileged. As the Durham team notes, Perkins Coie was retained by the Clinton campaign and the DNC to advise on compliance with Federal Elec-

duce allegations against Mr. matters and potential recounts. Nowhere in the agreements is a provision for the services of oppo research or relations—activities that aren't privileged and that Mr. Durham says were among the law firm's billed time.

Then there's the long record of Fusion's actual work, documented by Fusion itself. Mr. Simpson, when asked in an August 2017 Senate hearing to describe his campaign work, notably didn't respond "legal advice." He said he'd been

The oppo-research firm tries to dodge a subpoena by claiming it aided legal advice.

hired to take an "unlimited look" at Mr. Trump's "business," "finances" and "associations." He said he wasn't given "specific tasking." This is backed by dozens of ensuing media stories—many of which quote members of the Fusion-Perkins-Clinton orbit—describing Fusion's work to assemble and publicize the dossier. Mr. Durham notes that of the 1,455 documents Fusion refuses to turn over, only 18 even "involve an attorney.

In their 2019 book, "Crime in Progress," Messrs. Simpson and Fritsch brag that Perkins Coie had hired them to dig into Mr. Trump. Which flags another problem: It's tough for Fusion go. tion Commission regulations and others to claim their work

product is privileged when they ladled it out to the press and agencies and profited from a book that openly describes internal discussions with Perkins

These are a few of the diffi-

culties the parties face in trying to pound the oppo-research peg into the legalservices hole. Mr. Durham also got an assist from federal regulators. Last month the FEC fined the Clinton campaign and the DNC \$8,000 and \$105,000, respectively, for violating strict rules on disclosure. The FEC noted that Perkins Coie in 2016 hired Fusion to "provide research services" and improperly reported the work as "legal services." The campaign and DNC made the same argument—that Fusion's work was in support of legal advice—but settled with the FEC. (A DNC spokesperson told the Washington Post it had agreed to settle "silly complaints from the 2016 election.")

Perhaps the strongest indication of weakness is the desperate effort by all parties this week to stop the judge from seeing the documents. Parties with valid attorney-client privilege don't fear such a process, which shields the communications from prosecutors (or another adversary) unless the judge holds they aren't privileged.

It also shows that there are communications that Mr. Durham's targets are afraid of letting him see. The dossier story may still have a long way to

Write to kim@wsj.com.

### Jesus a Socialist? That's a Myth

**HOUSES OF** WORSHIP Bv Alexander William Salter

that the teachings of Jesus are akin to socialism has

been spreading around the internet for years in the form of memes, chain emails and Facebook posts. Some elected officials have a history of supporting the idea: The Rev. Raphael Warnock, a U.S. senator from Georgia, contended years ago that "the early church was a socialist church." He's not alone in holding this misguided belief.

A much-cited passage from the Acts of the Apostles, the has strong socialist overtones. Christian socialists use this passage to argue socialism was a historical reality for the followers of Christ. If they're right, that has huge implications for a country that remains majority Christian. Fortunately, they're wrong.

Acts 4:32-35 gives believers a picture of a highly egalitarian church. Among the believers, "no one claimed private ownership of any possessions." Those who had property sold it and brought it to the church. The proceeds were "distributed to each as any had need." This sounds almost like the classic Marx line-"from each according to his ability, to each according to his needs"—but read a little

Acts 5 contains a harrowing account of two church members, Ananias and Sapphira, nomic systems like socialism

who sold their property but and capitalism are orders. lied about the price. Confronted in their deceit by St. Peter, they suddenly perish. The passage states they were not punished merely for holding back their wealth. "Were not the proceeds at your disposal?" St. Peter asks, indicating the property and its fruits were theirs. The real lesson is the imperative of absolute truth before God. For those who have received the Holy Spirit, falsehood is perilous.

Later, Acts tells of St. Paul's missionary journeys, during which he worked as a tentmaker to support his ministry. While not motivated by first work of church history, private profit, Paul nevertheless made recourse to the marketplace. Also, we know from his letters he solicited financial support for the Jerusalem church throughout his Christians travels. Early wouldn't have been able to donate without producing and trading. There's scant biblical evidence for a wholesale condemnation of ownership and commerce.

Ultimately claims of early church socialism miss the mark because they conflate two kinds of communities: organizations and orders. Organizations are consciously crafted to achieve the goals of their members. Orders are spontaneous and emergent, arising out of the interactions between organizations. Businesses, educational institutions, charities and communes are organizations. But eco-

Calling the church an organization in no way diminishes its divinity. It simply means one can think about the church, in part, as an intentional community with its

own canons and customs. This matters greatly for interpreting early church history. Whether discussing a 21stcentury business corporation or a first-century religious society, who gets what is deter-

mined by purposefully de-

signed rules. Those rules can

The early church was egalitarian, but it wasn't committed to an economic system.

be meritocratic (bonuses and stock options) or egalitarian (relief for widows and orphans). They can be consensual (committees, voting) or hierarchical (executives, commands). But they aren't socialistic. Neither are they capitalistic. Those terms refer to

orders, not organizations. Markets didn't allocate resources inside the church, but that's true of any organization. In fact, the whole point of organizations, for-profit or not, is to avoid markets. against the fickle forces of supply and demand. If we call suppress the market allocation of resources, then even nomic Research.

the most profit-hungry firm you can think of is socialist. Zoom in close enough and all organizations look like central

It's foolish to apply the categories of economic systems to the church. Socialism regiments society, an unplanned give-and-take among countless organizations, according to an all-encompassing economic blueprint. That isn't the church's mission. Reconciling all of creation to God in Christ is. While the church has a strong communitarian ethos, it isn't committed to a specific set of economic institutions. Exploring the church's internal constitution can be fascinating, and the generosity of the earliest Christians should serve as an example for us. But this has no relevance to the merits of single-payer healthcare or nationalizing railroads.

Knowing whether an economic system comports with Christianity requires careful study of the church's social teachings, but church history matters too. Historical memory and interpretation are powerful forces for shaping contemporary beliefs. A socialist can be a good Christian, but the narrative of early church socialism is a myth.

Mr. Salter is an economics They're temporary shelters professor at Texas Tech University, a research fellow at TTU's Free Market Institute, "socialism" all attempts to and a senior fellow at the American Institute for Eco-

### Mask Mandates, Authority and Status

**By James Taranto** 

f you think mask mandates still have anything to do with public health, the Biden administration's actions this week should disabuse you of that notion. On Monday, Judge Kathryn Kimball Mizelle vacated the Centers for Disease Control and Prevention's regulation requiring masks in planes, airports and other transportation carriers and hubs. On Tuesday, the Journal reports, the department said it would appeal the ruling "only if the CDC found such an order necessary." On Wednesdav the CDC said it was, and the department filed a notice of appeal.

maneuvering was This nonsensical as a matter of law. Judge Mizelle's ruling noted that the Public Health Services Act authorizes the CDC to order certain types of measures that " 'in [its] judgment are necessary' to prevent the spread of communicable disease."

government characterized the mask mandate as a "sanitation" measure. She held that it didn't fit the definition of "sanitation" (or any other type of measure authorized by the statute), and therefore was illegitimate.

The department's lawyers will argue on appeal that she got the definition wrong and the mask mandate qualifies as a sanitation measure.

#### The government's appeal has nothing to do with public health.

A higher court may agree. But the CDC had already determined that the mandate was necessary to public health—a statutory precondition for all such rules-at least until May 3, the expiration date of its most recent extension. Whether to reiterate that determination on Wednesday was a purely po-The litical decision.

So what's the point of appealing? Scott Gottlieb, a former Food and Drug Administration commissioner (and a contributor to these pages) got it right. "The risks here from this ruling aren't the immediate impact on public health," he told CNBC Wednesday morning. "The risks are longer term and what this does to potentially erode CDC's authority."

About a year ago, mask mandates became a matter less of promoting public health than of imposing authority on people with lower status. That explains why they have lingered far longer schools and colleges, which have the ability to control the behavior of students, than in most adult settings, even though young people are at low risk from Covid. It explains why political officeholders so often flouted their own mask mandates in public. It explains why, during the brief Covid spring of 2021, the CDC depeople needed to keep wearing masks.

It explains why even after the CDC reversed itself in July and returned to urging masks for everyone, major retailers and service establishments required employees but not customers to wear masks. With a notable exception: Many brand-name luxury boutiques continued to demand masks for everyone. Those places sell status and therefore have an interest in taking would-be customers down a notch. Some of them similarly restricted entry on

social-distancing grounds. Medical offices are the one type of establishment where mask requirements are still common. The health rationale is probably stronger there than anywhere else, but it creates an irony. A surgical mask was once a symbol of a physician's authority. It now represents the patient's submission.

Mr. Taranto is the Jourcreed that only unvaccinated nal's editorial features editor. **BOOKSHELF** | By Frank Rose

### Swept Away By the Stream

#### **Binge Times**

By Dade Hayes and Dawn Chmielewski (Morrow, 355 pages, \$28.99)

hen reading about the media business these days, there are some things you know without being told. You can be pretty sure that when a bunch of conglomerates come together to create something they call TV Everywhere, it will end up delivering TV nowhere. Or that when the head of a mighty corporation says, of a pint-size digital competitor, "It's a little bit like, is the Albanian army going to take over the world?"—the answer is going to surprise him.

That was Jeffrey L. Bewkes, Time Warner's CEO, famously dismissing the threat of Netflix in 2010. Ten years before, Time Warner had been the biggest media conglomerate of them all. But having sold itself to AOL in 2000 in a near-disastrous attempt to achieve digital competence, it went on to shed its



cable-system subsidiary, its music colossus, its magazine empire and AOL itself before Mr. Bewkes, in 2018, sold what was left to AT&T for \$85.4 billion. This month, AT&T offloaded WarnerMedia to Discovery Inc. for barely half that

The men who ran these conglomerates were a hubristic lot, chasing dominance in an analog industry while remaining utterly clueless about the coming digital tsunami. It was only a matter of file size: Music labels were already being gutted by the early

aughts, but movie studios and television networks, whose output requires vastly more bandwidth, had another decade to contemplate the inevitable—not that it did them much good.

What happened when they met the Albanian army is the subject of Dade Haves and Dawn Chmielewski's "Binge Times Inside Hollywood's Furious Billion-Dollar Battle to Take Down Netflix." Mr. Hayes is the business editor at Deadline; Ms. Chmielewski is an entertainment-business correspondent for Reuters.

The story begins in 1997, when a Silicon Valley computer scientist named Reed Hastings and a marketing manager named Marc Randolph launched a movie-rental company. Initially, customers would make their selections online and receive DVDs by mail. But when the dot-com bubble burst in 2000, Netflix was in trouble. As Mr. Randolph reported in his 2019 memoir "That Will Never Work," he and Mr. Hastings were prepared to sell Netflix to Blockbuster—the Viacom subsidiary that dominated the U.S. movie-rental business at the time—for \$50 million. That deal didn't happen. A decade later, Blockbuster filed for bankruptcy.

At first, media executives saw Netflix as just another revenue stream, a distribution outlet along the lines of in-flight movies and pay-per-view. But after Netflix began offering a streaming option in 2007, and especially after it started commissioning original programming in 2013, they began to view it as a competitor. What they failed to see was that streaming changed the game completely: Suddenly "appointment TV" was a relic.

"Binge Times" has its moments, as when the authors describe John Stankey, the AT&T lifer who engineered the Time Warner purchase and is now AT&T's chief executive. Stiff as a board in a business defined by schmooze, Mr. Stankey, the authors note, "hardly endeared himself to the creative community by casually referring to the films and TV shows they made as 'tonnage.'

Then there was film executive Jeffrey Katzenberg's bungled attempt to capitalize on millennials' perceived appetite for super-short-form entertainment. Known as Quibi (short for "quick bites") and funded to the tune of \$1.75 billion. Mr. Katzenberg's startup offered "snackable content" in the form of high-production-value videos. Viewable only on cellphones,

#### Old-media conglomerates famously dismissed Netflix when it was a fledgling startup. Time Warner, Blockbuster: Where are they now?

lacking the spontaneity and free-spiritedness of TikTok and plainly created by people with no feel for the target audience, Quibi became what the authors describe as "the app equivalent of New Coke: a vigorously marketed product that no one wanted." But at least Mr. Katzenberg was trying something new. Until declining cable and satellite subscriptions and competition from Netflix forced their hand, most of the media executives you meet here were too busy trying to protect expiring business models to think about the future.

The story of Netflix barging into Hollywood's china shop is one that cries out for a big, sweeping treatment that leverages the clash of outsize personalities. Unfortunately, "Binge Times" lurches from one company to another and one time period to another in a way that's confusing, disjointed and strangely inert. When we do see people interacting with one another, it's often to watch them scarf down canapés at a party.

And while the book can be good at pointing out less-thanobvious motivations—the role of executive bonuses in driving bad business decisions, for example—the authors show some peculiar lapses in judgment. Yes, the media moguls were wrong to set up executive fiefdoms that pitted one arm of the company against another, and Time Warner is a textbook example. But what are we to conclude when the example on offer is a lukewarm review of a "Harry Potter" movie from Warner Bros. that ran in Time Inc.'s Entertainment Weekly magazine? That the job of a magazine is to tout its corporate sibling's films? Even at their worst, the people who ran Time Warner knew better than that.

Yet earlier this week, when Netflix stock dropped 35% in a single day on news that the service was losing subscribers, the schadenfreude was on full display in some quarters of Hollywood. The celebrants, many of whom had recently launched their own streaming operations, might have done better to wonder what a stumble by the market leader portends for their own services, most of them lackluster by comparison. Maybe people won't want to pay for a host of me-too offerings from conglomerates they can't even keep track of? It's a scary thought, almost as scary as having to fend off an outfit from Silicon Valley that doesn't do business the way you've come to expect.

Mr. Rose is a senior fellow at the Columbia University School of the Arts and the author, most recently, of "The Sea We Swim In: How Stories Work in a Data-Driven World."

#### Coming in BOOKS this weekend

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### Revolt in Disney's Florida Kingdom

warning for other CEOs.

he Walt Disney Co. needs Florida more said. The voting law "does not match Delta's valthan Florida needs Walt Disney. That's the latest chapter in this tale of a CEO

who followed his woke staff like a lemming off the cliff of cultural politics. Disney employees demanded that Mickey Mouse oppose Florida's misdescribed "don't say gay" bill. Now state lawmakers are re-

acting by putting down a few glue traps.

The Florida Legislature voted this week to abolish the Reedy Creek Improvement District, which in effect lets Disney World run its own private government. Created by the Legislature in 1967, the district covers about 40 square miles and features two water parks and four theme parks, including the Magic Kingdom. Disney essentially controls land use, environmental protection, fire service, utilities, more than 100 miles of roads, and more.

Gov. Ron DeSantis is expected to sign the bill. The Journal cites a source who knows Disney's finances and says the district saves the company tens of millions of dollars a year. Without it, services like fixing potholes could revert to county government.

Disney largely funds the Reedy Creek district, which had about \$150 million in revenue last year. It also carries close to \$1 billion in debt. The mayor of Orange County warned Thursday that if the district goes, then upkeep will "fall to the county's budgets," putting "an undue burden on the rest of the taxpayers." The headaches look large enough that it's difficult not to wonder about the bill's effective date. It dissolves the Reedy Creek district on June 1, 2023—time for Disney and Mr. DeSantis to make up.

Are Florida Republicans engaged in unfair political retaliation? "As a matter of first principle," Mr. DeSantis said last month, "I don't support special privileges in law, just because a company is powerful." Live by the corporate carve-out, die by the corporate carve-out. As a matter of political realism, the Reedy Creek district is a perk the state gave Disney. The mystery is why Disney thought it could push around state lawmakers without any pushback.

One answer is that previous corporate political signaling came with little cost and media hosannas. Recall when Major League Baseball pulled its All-Star Game out of Atlanta, as a punishment for Georgia's new voting law. "Fair access to voting continues to have our game's unwavering support," Commissioner Rob Manfred ues," fretted CEO Ed Bastian.

Did they read the bill? Or did they trust President Biden, who called it "Jim Its alienating push into Crow 2.0"? Voting absentee in Florida politics is a

Georgia is still easier than in New York or Delaware. The political frenzy in Flor-

ida began with a similar dynamic. Early versions of the

state's controversial bill were broader, but here's the key line in the law that passed: "Classroom instruction by school personnel or third parties on sexual orientation or gender identity may not occur in kindergarten through grade 3 or in a manner that is not age-appropriate." That language belies the claim that kids with gay siblings or two moms couldn't talk openly about their families.

At first CEO Bob Chapek told employees that Disney would take no position. "As we have seen time and again, corporate statements do very little to change outcomes or minds," he wrote. But inspired by an earlier tweet from former CEO Bob Iger, Disney employees went into open rebellion. Soon Mr. Chapek was groveling to his underlings and calling Florida's bill a "challenge to basic human rights."

Perhaps he thought this would be a free way to mollify his staff, but Mr. Chapek misjudged the political moment. Republican voters who have watched companies side with the progressive agenda and silence employees who disagree are fed up. Mr. Chapek was right the first time: Disney's political foray didn't stop the Florida law. But it made a lot of people mad, including Disney customers and state lawmakers.

There's a warning here to other companies, especially Big Tech and Wall Street, which are mainly based in liberal states but conduct business everywhere. If they try to impose their cultural values, they risk losing Republican allies on the policy issues that matter most to their bottom lines, such as regulation, trade, taxation, antitrust and labor law. Polls show rising GOP hostility to big business, and that is likely to be reflected when Republicans take power.

If good tax policy can't pass Congress because Republican voters are furious about cultural imperialism from the C-suite, that's bad for the country. It's also bad for business. The Disney lesson for CEOs is to stay out of these divisive cultural fights. The lesson for political partisans in the workplace is that their bosses run the office, but they don't run the country.

### Mississippi Loses Some Licensing Weight

department tyrants.

ississippi residents have the highest obesity rate in the U.S., but the state **II** is about to shed a few regulatory pounds. Raise your protein A dietician wins a legal shake to personal trainer Donna Harris and her lawyers victory over health at the Mississippi Justice In-

ive May 16, the Mis-Effect sissippi State Department of

Health will no longer require residents who don't claim to be dieticians to get a dietician's license before they can offer non-medical weight-control services. The reform is part of a settlement with Ms. Harris, who was targeted by state regulators.

In addition to her personal trainer's certification, Ms. Harris has a bachelor's degree in food science, nutrition and health promotion and a master's in occupational therapy. In early 2020 she debuted a weight loss challenge that included one-on-one coaching and a private Facebook page where participants could swap recipes and cheer for each other. Seventy people paid \$99 for her eight-week program.

Enter the state health department, which

complained that Ms. Harris was working as an unlicensed dietician, though she never claimed to be one. Regulators threatened her with six

months in jail, a fine of up to \$1.000. and criminal and civil actions if she didn't cease and desist. That forced Ms. Harris to cancel her program, and she refunded nearly \$7 those who had signed up.

Ms. Harris sued, claiming that the health department's rules amounted to "government censorship of speech on the age-old topic of weight loss." Under an agreement reached late last year, the health department agreed to tighten its regulatory belt.

The fat old rules were prohibitive. Mississippi's requirements for a dietician's license have fluctuated amid the pandemic, but when Ms. Harris began her program she would have had to undergo 1,200 hours of supervised practice and pay \$300 for exams and fees.

Occupational licensing laws are a form of guild protectionism that reduces competition and blocks millions from making a better living. Congrats to Ms. Harris on this victory over petty government tyranny.

### Student-Loan Reparations

Biden takes another

big step toward mass

debt forgiveness.

he Biden Administration this week announced another installment in its student-loan forgiveness plan to "fix long-

standing failures" in the program. Translation: Taxpayers will pay again for the mistakes of Congress and the Obama Administration.

Congress created incomebased repayment plans in

2007 to help borrowers manage mountains of debt they can't repay. Initially borrowers could cap monthly payments at 15% of their discretionary income and discharge their remaining balance after 25 years. Those who went to work in "public service" had to pay 10% for 10 years.

Democrats made the terms more generous when they nationalized the student-loan market to pay for ObamaCare, reducing payments for new borrowers after June 2014 to 10% of their income and canceling debt after 20 years. In the runup to the 2016 election the Obama Administration expanded these plans to older

Many of the eight million or so borrowers now enrolled in these plans aren't paying enough to reduce their balances and have continued to accrue interest. This is one reason federal student debt has more than doubled since 2010, even though the number of borrowers has increased by only some 25%.

The plans have also been a headache for loan servicers that have to certify income, which can change. Rather than enroll in the plans, many borrowers have opted to pause payments for a time, though this means their loans won't eventually be forgiven. Progres-

sives have lambasted servicers for following borrowers' wishes.

The Education Department is now riding to the rescue by announcing it will credit up to three years of paused pay-

ments toward loan forgiveness—on top of the two-years-and-counting pandemic pause. The Administration is taking the "income" and "repayment" out of income-based repayment.

About 3.6 million borrowers will benefit. Who knows how much it will cost, but an internal Trump Administration analysis projected that the government would lose \$435 billion on the \$1.4 trillion federal loan balance in 2018, mainly due to these loan forgiveness plans. That was before the pandemic pause.

The Administration has already canceled more than \$100 billion in student debt by discrete regulatory actions and extending the pandemic pause through August. None of this has been authorized by Congress or satisfied the demands of progressives. White House Press Secretary Jen Psaki tipped last week that the pause will "be extended again or we're going to make a decision" about "canceling student debt."

Progressives won't sleep until President Biden erases all \$1.6 trillion in federal student debt. As ever, the saps are those who worked to repay their debt on time.

#### LETTERS TO THE EDITOR

#### This Isn't Rep. Kinzinger's America Anymore

Rep. Adam Kinzinger is "homeless" because he has become too moderate for his Republican Party and is not liberal enough for the Democratic Party ("A Political Homeless Shelter," op-ed, April 18). Neither party will countenance less than rigid adhesion to party orthodoxy. He blames this on a public that is "more susceptible than ever" to falling for "untruths," as if the public were sheep that could be herded in the correct political direction by leaders who speak out against the "outrage machine."

Where he goes wrong is assuming that the public is unhappy with our political situation. We have "extreme partisanship" because voters keep electing partisan politicians. The country is divided and partisan; the politicians are a reflection of those views.

Mr. Kinzinger's solution of electing "servant-leaders" who "stand up for our democracy" is laudable but smacks of paternalism. Whose truth would they speak? Is moderation always the correct course?

If Mr. Kinzinger wants more moderates to be elected, Primary First should work to change the state primary systems that elect the partisan candidates. Top two or jungle primaries will force at least one moderate to be on the ballot. Then we'll see what type of politics the public prefers. Joseph P. Petito

Bethesda, Md.

I could not agree more with Mr. Kinzinger. I am a lifelong Republican and have become disenchanted with my party over the past several years. The lack of respect, lies, support for conspiracy theories and unwillingness to work across party lines has made our country a boiling pot. I will have great difficulty supporting Republicans in the midterms who espouse the philosophies exhibited today.

Tom Powell North Myrtle Beach, S.C.

There are many of us on the conservative side who don't want to see former President Donald Trump run again or even be a dominant voice for our party. But to push for the fragmentation of our party when our nation is leaderless isn't a winning strategy. Better to work within the party to raise principled leadership nominees.

ROBERT KAY Austin, Texas

If Rep. Kinzinger doesn't recognize the Republican Party, I suggest he put on a pair of glasses. It is still the party of lower taxes; a strong national defense; a strong border; free, not limited, speech; freedom to practice your religion; getting criminals, not guns, off the streets; insuring parents can imbue their values and not those of some educator to their children; and the sanctity of unborn life. Which of these values does he not recognize? He has let visceral hatred for one man distort his vision of the party.

ED BUTKERA Granger, Ind.

### Mental Illness, Treatment and Open Debate

In "For Mental Illness, Make Pills a ceutical treatments, either. Last Resort" (op-ed, April 5), Erica Komisar writes that ADHD results from trauma, loss and failed relationships but provides no evidence. I have practiced psychiatry for 53 years and have seen over 1,000 patients with ADHD. Almost all respond beautifully to medication. With gratitude, they report a huge improvement in focus, concentration and productivity.

Forget "last resort." The main objective of psychiatric treatment should be to improve the quality of a patient's life and reduce suffering—as quickly, effectively and durably as possible.

ALAN S. RUTTENBERG, M.D. Canoga Park, Calif.

There are good reasons that psychoanalysis, presented by Ms. Komisar as the solution, has gone the way of the buggy whip and, at best, will be a niche luxury for the wealthy. There is no compelling evidence after decades of research that it is uniquely effective. To the extent it helps some people with ordinary life problems, the benefits are most likely due to factors common to most therapies that emphasize empathy and listening.

ASSOC. PROF. TOM O'HARE Boston College School of Social Work

Dr. John Graves suggests research has validated anxiety and depression as "legitimate brain disorders" (Letters, April 14). In fact, decades of research have failed to show any proof of that. There isn't a single abnormal biologic or medical test-blood test, X-ray, biopsy—that psychiatrists use to diagnose "mental illness." No medical tests can fully assess the brain alterations in patients given pharma-

#### *Ever Get the Feeling You've* Been Cheated?' Get in Line

A letter (April 11) argues that U.S. voters didn't really choose the president in 1960. While it is possible that Chicago Mayor Richard Daley fraudulently provided John F. Kennedy the 8,800 votes to carry Illinois, Richard Nixon would have also needed Texas, which he lost by nearly 50,000 votes. Fraudulent voting on that scale would have produced some evidence of irregularities and none was produced.

While Nixon didn't contest the results, the Republican National Committee did. Chairman Thruston Morton secured recounts in New Jersey and Illinois. They were done and, much like in 2020, changed nothing.

Cincinnati

#### How Penitent Was the Thief?

In "I'm Reading Up on the Christian Saints" (op-ed, April 14), Mike Kerrigan writes, "Recognizing his own culpability at the end of a dissolute life, Dismas humbly asked Jesus to remember him in paradise." It occurs to me, a cynical Presbyterian Scot brought up on Staten Island, N.Y., among Irish Catholics, to ask if Dismas simply thought to himself: I'm stuck on this cross, what have I got to lose?

BILL LOGAN Norman, Okla.

Letters intended for publication should be emailed to wsj.ltrs@wsj.com. Please include your city, state and telephone number. All letters are subject to editing, and unpublished letters cannot be acknowledged.

Our society is awash with disor-

ders of all sorts according to psychiatrists. Antidepressants and antipsychotics used to treat these supposed disorders come with warnings that their use, as well as their discontinuation, may cause the very same thoughts and emotions for which they are prescribed, or worse.

Emotional distress is common, and it is sometimes severe. Counseling can be very useful, but drugging people to cloud out thoughts should be short term and reserved for extreme cases, as Ms. Komisar argued.

DANIEL ZEIDNER, M.D. Cheswick, Pa.

I have been delighted to read Ms. Komisar's op-ed as well as the letters to the editor on all sides of the argument. It occurs to me that if Ms. Komisar's recommendation had come from the CDC, perhaps every other opinion would be attacked as disinformation or banned. It is refreshing to see debate in the public square regarding a medical treatment.

LARY SCHULHOF, M.D.

#### Dream Things That Never Were?' I'll Tell You Why Not Your editorial "California's French

Workweek" (April 16) brought back memories from before I retired. We were acquiring a French company. and I was in Lyon for due diligence when one executive told me that they were going to a 35-hour workweek. I said that we could work with that. 'You don't understand," he told me, "we will be working for 35 hours but you will pay us for 40." I told him that if they did that, I would close the factory and move it to China. They did it. Guess what happened?

VINCENT J. PASQUALE Lantana, Texas

#### New Cost of Doing Business I've witnessed "America's Shoplift-

ing Epidemic" (Review & Outlook, April 9) twice in recent weeks at Walmart. The thieves scanned and bagged the items but then walked out without paying. The bags passed inspection at the door, if the guard was even paying attention. Each time I reported the thefts to an employee. "That happens all the time" was the response.

JILL BERRY Joliet, Ill.

#### Pepper ... And Salt

THE WALL STREET JOURNAL



"Above my pay grade what can that possibly mean?"

### The U.N. Is an Enabler of Russian War Crimes

By Oleksii Reznikov

Kyiv, Ukraine he world was horrified by the mass killing of innocent civilians in Bucha. Russian soldiers violated all existing rules and laws of war, raping children and torturing women and men, shooting them execution style. Similar crimes were committed in Kharkiv, Mariupol. Chernihiv and in Kramatorsk, where Russian forces fired a Tochka-U ballistic missile on a railway station filled with 4,000 civilians, mostly women and children.

A permanent member of the Security Council invaded Ukraine. The free world needs to fight back.

Among the casualties of Russia's war on Ukraine has been the postwar system of global order and security. Russia has done everything that the international security institutions were created to prevent. How can the United Nations Security Council, on which Moscow has a permanent seat, live up to its mission to maintain peace? What kind of security and cooperation is possible on the Continent when one participating state of the Organization for Cooperation and Security in Europe has attacked another and killed thousands of civilians? These organizations have failed. Like the League of Nations before them, they must be replaced by a new and more effective set of international institutions capable of serving the interests of all countries, not only those of the great powers.

The architecture of this new system should be based on Ukraine's experience. In 1994 we gave up the world's third-largest nuclear arsenal, hoping that the signatures of world leaders on a document meant something. But in April 2008, Germany and France blocked Ukraine's accession to the North Atlantic Treaty Organization. The Kremlin got the message. In August 2008 Russia invaded Georgia and the world turned a blind eye. In 2014 Russia attacked Ukraine and the world decided not to intervene. Now Russian bombs are erasing our cities from the earth and the world has been unable to stop it.

All this could have been prevented. Had the West imposed preventive sanctions on Russia and provided Kviv with a sufficient number of defensive weapons—primarily air and missile defense systems-tens of thousands of Ukrainians would still be alive today.

The Western response to the invasion has been too slow. As President Volodymyr Zelensky has said, the global response to a crisis of this sort should be immediate, within 24



A fragment of a Tochka-U missile in Kramatorsk, Ukraine, April 8.

hours, not after weeks or months. Any aggressor must face irreversible punishment through a mechanism of preventive measures-so called deferred sanctions that can be approved in peacetime and take effect automatically.

Russia's against aggression Ukraine has created almost four million refugees. We are on the brink of a global food crisis that could destabilize Africa and the Middle East. Until Russia is stopped, the crisis will only grow, pulling in neighbors and contributing to the collapse of economies.

We always hear the echoes of the past in the present. I've never liked traitors or cockroaches. Even when I was a child, both filled me with disgust. Eventually I came to terms with cockroaches and no longer take offense at their existence, but my feelings for traitors haven't changed. This is the core of who I am, and of many people around me these days. You can't go back on your word. You can't run when your country needs you. You can't betray your friends.

I make dozens of calls every day, communicating with friends and colleagues from different countries. I really want to believe that everyone I speak with has values that they won't betray under any circumstances. If you consider friendship one of those values, and you consider yourself a friend of Ukraine, please realize that time is running out. We need your help, and we need it now.

Primarily we need heavy weapons to defend and liberate Russian-occupied territories. I know that these weapons can be sourced quickly from different countries. All that's needed is the will to do so. If you give us these weapons, you will show the world that you are not afraid to confront evil. We also need a total global embargo on Russian oil and gas. We need real sanctions against Russia's banking system and trade.

If you give us all this, Russian invaders will be gone from Ukraine in a few months. If you don't, the war will drag on, and the terrorist state of the Russian Federation will destroy the reputations of global leaders and encourage other rogues to test their strength. The flames of the war can spread to other countries at any moment because Vladimir Putin won't stop in Ukraine.

A Ukrainian victory is the only outcome that will force Russia to rethink its strategy of aggression. We can do it. We have already proved our bravery. We just need the tools. Once the job is done we can get down to the important business of building a new world security architecture free from the structural defects of the past.

Mr. Reznikov is Ukraine's defense

### Will the Mighty Dollar Prevent a Soft Landing From Inflation?



**ECONOMICS** By Joseph C. Sternberg

trying to execute that most delicate of maneuvers, a soft landing by which they can pull inflation back down to earth without crashing the economy into

The Federal Re-

serve and other

central banks are

recession. The danger? That instead they'll thud down onto the hard concrete of an appreciating dollar.

The dollar's phenomenal appreciation of recent months is the biggest business and economic story that is almost nowhere to be seen in the business and economic press, with the exception of this newspaper's editorial column. Compared with its lowest level of the past 12 months, the greenback has risen in value nearly 20% versus the Japanese yen to a 20-year high, and 13% versus the euro to a two-year high. The dollar has risen to around \$1.08 a euro from \$1.22 around a year ago, and "parity" is starting to appear in some discussions.

This is usually framed as the

the real story is the strength of the dollar. Investors are flooding into the greenback because the Federal Reserve seems to be tightening more aggressively than any of its major peers. The risk, and the greatest threat by far to the Fed's aspiration to achieve a soft landing, is that exchange-rate instability will throttle the Main Street economy, first abroad and then at home. The throttling mechanism will be currency mismatch, meaning the accumulation of assets or liabilities in one currency when the things that matter to a company (revenues, book value or the like) are denominated in another.

Within the banking system, the past 15 years have seen a 60% increase in offshore claims denominated in dollars. These are credit arrangements in which neither the lending bank nor the borrower is American, and their value has increased to \$11.1 trillion in the third quarter of 2021 from \$6.9 trillion in mid-2007, according to the Bank for International Settlements. Add to this another \$2.9 trillion in dollardenominated credit extended by U.S.-based banks to foreign borrowpile of debt that is more expensive for borrowers to repay in terms of their local currency as the dollar appreciates.

It's surprisingly hard to say what all this dollar borrowing is for. Research before the pandemic raised the prospect that foreign-listed companies might have borrowed dollars

Managing U.S. demand is only part of the Fed's challenge. Currency swings are the other problem.

not to fund investment but to stockpile cash in a form of carry trade banking on low U.S. interest rates and a declining dollar to deliver returns as their local currencies appreciated. If that exchange-rate trend reverses? We've seen this play before in countless financial crises through the decades.

Meanwhile, don't underestimate the threat to the soft-landing dream posed by domestic developments in economies grappling with local-currency depreciation relative to the greenback. Japan, we're looking at you. As the yen plunges toward ¥130 per dollar (it's currently at around ¥128, and a higher number signifies a weaker yen), Tokyo is belatedly realizing that the old truism about a weak currency boosting its exportdependent economy isn't so true

Partly this is because ever more complex supply chains scramble the effects of a bilateral currency shift. Japan, like most manufacturing exporters, now is only one link in a long international manufacturing chain. And partly it's because the world's third-largest economy is no longer the exporting powerhouse it once was. It has become dependent on energy imports and other goods from abroad. Stifle any 1980s-vintage trade-warring cheer vou might feel at this turn. Under no circumstance is an even more hobbled Japan good for the American economy.

Europe may soon learn a similar lesson. Conventional wisdom used to hold that a weaker euro was good in particular for Germany, Europe's export engine. Is that still true? The greatest threat to Germany's econand its potential scarcity. A recession is unavoidable if voters decide for political reasons to support an embargo on Russian gas. Having to pay more depreciated euros for energy imports from other sources priced in dollars will only deepen and prolong such a downturn.

The U.S. has survived plenty of recessions elsewhere in the world, and maybe this one would be the same. But given Washington's current hostility to productive business investment and consumers' rising distress in the face of inflation, how lucky do we feel?

Fed Chairman Jerome Powell has little choice but to continue with his current tightening track. Runaway inflation is the one ill that could do even more harm than the dollar's uncontrolled rise in value, given the way inflation robs households and makes it impossible to allocate investment efficiently. But when it comes to achieving a soft landing, deft management of demand in the U.S. economy via precise application of the monetary brake isn't the half of it. We may come to rue the day when global monetary and exchange-rate coordination fell out of

### Outdated Nuclear Treaties Heighten the Risk of Nuclear War

By Franklin C. Miller

.S. nuclear deterrence policy and U.S. nuclear arms-control policy have become dangerously disconnected.

Longstanding deterrence policy requires that the U.S. have sufficient capacity to target what potential enemy leaders value most. Arms control is supposed to augment deterrence by limiting, and if possible reducing, the threats while allowing the U.S. to deploy a force that deters an attack on America or our allies. The policies were tightly linked throughout the closing decades of the Cold War, providing the U.S. and its allies with a credible deterrent and producing the Strategic Arms Reduction Treaties, known as Start 1 and Start 2, which were signed in 1991 and 1993 respectively and reduced the levels of U.S. and Soviet strategic nuclear weapons.

Today the U.S. is bound by the "New Start Treaty," an accord signed in 2010, a time when Russia was seen as a competitor rather than a threat. and China was hardly a factor. The world is different now: darker, more dangerous and getting worse.

The Biden administration's 2021 Interim National Security Strategic Guidance notes starkly that "both Beijing

and Moscow have invested heavily in efforts meant to check U.S. strengths and prevent us from defending our interests and allies around the world' and describes China as "increasingly assertive" and Russia as "destabilizing." That was before the invasion of Ukraine and Vladimir Putin's nuclear saber-rattling.

New Start limits the U.S. and Russia to 1,550 accountable traditional strategic nuclear weapons each. Since the treaty's signing Russia has deployed between 2.000 and 2.500 modern shorter-range nuclear systems—the weapons Mr. Putin would use for a nuclear escalation in Ukraine. New Start doesn't constrain these, nor does it cover "nontraditional" strategic nuclear weapons, such as the Poseidon transoceanic nuclear torpedo, which Russia also

Meantime, China's nuclear arsenal has grown significantly, and is projected to grow much larger. In 2011 Beijing was estimated to have about 20 single-warhead intercontinental ballistic missiles, another 100 or so shorter-range nuclear missiles, and no operational ballistic-missile submarines. Today Beijing has nearly 100 ICBMs, many carrying multiple warheads and some that are road-mobile, and is building silos for several hundred more. The Chinese navy has six ballistic-missile subs, and the Chinese air force is equipping long-range bombers with an innovative air-tosurface ballistic missile. A large and growing force of nuclear-capable short- and medium-range missiles supports China's strategic nuclear

Simple logic and arithmetic make clear that the 1,550 accountable warhead cap agreed on in 2010 is inadequate to deal with the growth in Russia's strategic and nonstrategic nuclear forces, let alone the vast increase in China's nuclear arsenal. Since effective deterrence requires targeting what potential enemy leaders value, we must be able to threaten, separately and in combination, both Russia's and China's key assets-including their leaders' ability to command and control the state. their military forces, and the industrial potential to sustain war. New Start constrains U.S. forces below the levels needed in the near future to accomplish this. Arms control, rather than augmenting our ability to deter, is undercutting it.

Fortunately, with the U.S. strategic-forces modernization finally about to begin fielding new forces, Washington is in a position to reset the table, as it was in the 1980s when the Reagan administration began its nuclear-triad modernization effort.

To do so, however, the Biden administration needs to recognize some new realities. The numerical cap of New Start won't serve U.S. nationalsecurity interests in a world with two

U.S. policy makers have lost sight of the crucial link between arms control and deterrence.

nuclear peer states as potential enemies—a first in the nuclear age. Because of the growth of Russian shorter-range nuclear forces in the past 10 years, New Start no longer serves U.S. security interests even in a bilateral U.S.-Russian context.

The administration should provide a year's notice of U.S. intent to exit the treaty to preserve American national interests. That in turn presents two alternatives:

If the U.S.-Russian arms-control dialogue survives Mr. Putin's invasion of Ukraine—a big if—and assuming Mr. Putin doesn't detonate a nuclear weapon, the administration could propose a new U.S.-Russian treaty with a ceiling of 3,000 to 3,500 total nuclear weapons for each side. This would limit the threats to our allies and homeland and also permit a U.S. strategic nuclear capability that would deter both Russia and China. (Including China in a trilateral nuclear arms-control accord is unrealistic. China has rejected participation in such talks as well as the transparency and verification vital to a successful treaty.)

If a new arms-control dialogue is politically unacceptable, the Biden administration should exit New Start after a year and begin building toward the 3,000 to 3,500 force levels to maintain a credible deterrent against Moscow and Beijing. Many members of the Western arms-control community would complain of a "new arms race."

But as former Defense Secretary Ash Carter has observed, that race is already under way; the U.S. simply isn't running. Russia and China have been increasing their new nuclear systems for a decade while the first products of the U.S. triad-modernization program won't be deployed until the mid-2020s. Critics will claim raising the 1,550 limit will send the wrong signal—but continuing to turn a blind eye to the nontraditional and shorter-range Russian systems sends a much worse signal.

Finally, the critics will assert that these steps will hurt arms control. But arms control isn't an end in itself; it is a means to enhance stability. The major reductions in U.S. and Russian strategic arms in 1989-1992 and again in 2002 weren't designed to create arms reductions for reductions' sake but were justified by what the U.S. believed we needed to deter the threats of those times. Times and threats have changed, and our first responsibility must be to ensure we can deter both today's threats and those of tomorrow.

Mr. Miller served for three decades as a senior nuclear policy and arms control official in the Pentagon and on the National Security Council

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### Notable ಲೆ Quotable: Class

From "The New Class Chasm in the Culture Wars" by Batya Ungar-Sargon, RealClearPolitics.com, April 21:

A tiny elite that benefits politically and economically from portraying its opponents as bigots is using every tool at its disposal—social media, liberal legacy media, and executive action—to obfuscate the vast distance between their views and the vast majority of middle- and working-class Americans with normal views....

Liberals had many major wins in the past 50 years. There was a time in the not-so-distant past when average Americans in either political party had little appetite for interracial marriage, let alone gay rights. But those days are long behind us. So why is the left pretending we are still in the midst of these fights? Because if you take away the issues that used to divide them from average Americans and no longer do, all you're left with is what now divides them—the enormous economic, educational, and social capital that sustains the meritocratic liberal elite.

Like so many of our culture wars, this one is about class—and the class chasm separating politicians and pundits and journalists from average Americans.

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### Embattled Toshiba Puts Self Up for Sale

By Megumi Fujikawa

TOKYO-Toshiba Corp. on Thursday put itself up for auction after pressure from foreign shareholders and said it would solicit bids from investors including those who want to take the company private.

The decision came a month after Toshiba's shareholders rejected a plan to split the company into two. Leading shareholders based outside Japan voted against the idea and said

it would be better to sell the ergy arm. The industrial connual shareholder meeting in Japan control roughly half the whole company to a private-equity firm, an idea management had rejected.

In late March, U.S. privateequity firm Bain Capital said it was examining a possible bid for Toshiba. It declined to comment on Toshiba's announcement Thursday.

Toshiba has struggled for the last seven years after an accounting scandal that emerged in 2015 and the 2017 bankruptcy of its U.S. nuclear-en-

glomerate has sold off many of the businesses that made it a recognized consumer name, such as those making televisions and personal computers, but still has sought-after technology in areas such as batteries, semiconductors and eleva-

Toshiba outlined its time line for the sale, saying it would seek nonbinding proposals from bidders and finish an initial evaluation before its anJune. At that point, it will disclose the number of proposals and types of deals being offered by investors, it said.

After the shareholder meeting, Toshiba plans to solicit binding offers and select the best one, the company said. "We are very cognizant of

the company's shareholder requests for clearer value comparisons of strategic alternatives," Toshiba said.

Shareholders based outside

company after injecting capital in 2017 to repair Toshiba's finances. The relationship between Toshiba and foreign shareholders worsened after a report released in June 2021 found evidence of broad collaboration between the Japanese government and the company to prevent foreign shareholders

from exercising their rights. Thursday's announcement amounts to a near-complete concession by management to

the activist shareholders, after it floated various alternatives that they didn't like, including the two-way split and an earlier idea for a three-way split. A new chief executive, Taro Shimada, took over at Toshiba in March. Any purchase by a foreign investor would mark one of the biggest cross-border deals for a Japanese company, but challenges remain, including the treatment of Toshiba businesses that have nationalsecurity implications.

### Stocks Fall As Yields On Bonds Go Higher

By Joe Wallace AND AKANE OTANI

Stocks on Thursday erased their gains from earlier in the day after a selloff in government bonds picked up steam.

Investors this year have had to weigh signs of solid economic activity against fears that the Federal Reserve will tighten monetary policy too quickly, potentially tripping up markets. Many credit stocks' strong run over the past few years in part to extraordinary levels of monetary support from central banks.

With the Fed preparing to raise rates several more times this year and unwind its \$9 trillion balance sheet, some money managers say they worry risky assets will struggle to hold on to the momentum of prior years. Fed Chairman Jerome Powell signaled Thursday that the central bank was likely to raise interest rates by a half percentage point at its meeting next month.

Anxiety over the Fed's projected rate-increase path helped fuel selling in Treasurys. The yield on the 10-year U.S. Treasury note jumped from 2.836% Wednesday to 2.917% Thursday, the highest level since December 2018.

The renewed push higher in bond yields put fresh pressure on the stock market. Higher rates can put pressure on Please turn to page B11

### **Snap Feels** Impact of Ad Changes

By Meghan Bobrowsky

Snap Inc. reported firstquarter results that highlighted how the company is feeling the sting from disruptions in the digital ad market, including the impact of rising inflation on advertisers and privacy policy changes Apple Inc. implemented last spring.

The Santa Monica, Calif., company on Thursday posted sales that narrowly fell short of its forecast and a loss that was wider than Wall Street expected. It issued what it described as a conservative outlook for sales growth in the current quarter that came in shy of estimates as it worried about further setbacks in the ad market.

Chief Executive Evan Spiegel called the quarter "more challenging than we had ex-

pected." Snap is one of the first tech companies with sales focused on the digital ad market to report results for the January through March period. Facebook parent **Meta Platforms** Inc., Twitter Inc. and Alphabet Inc. all report quarterly results

next week. Snap, which logged its firstever quarterly profit in the fourth quarter, reported a net loss of \$360 million for the first three months of this year, including a \$92 million unrealized loss on an investment.



### Airlines Forecast Packed Planes As American Posts Record Month

By Alison Sider AND WILL FEUER

Airlines said they have reached a new juncture in their recovery from the Covid-19 pandemic, anticipating record revenue in the current quarter and a return to profits.

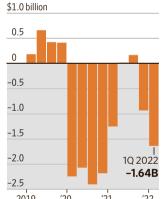
**American Airlines Group** Inc. said Thursday that its sales hit a record in March, the first month since the pandemic began in which the airline's total revenue surpassed 2019 levels.

Airline executives said they expect that momentum to continue, allowing them to raise fares to cover soaring fuel costs without undercutting demand.

"In March we saw what's

♦ Heard on the Street: Business flights get a boost ....

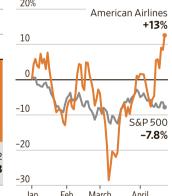
**American Airlines** net profit/loss



-30 2019 '22 Jan Feb. March

rates and relaxed restrictions driving a demand resurgence, American Chief Executive Robert Isom said during a conference call. "Demand is as performance this year

Share-price and index



Sources: S&P Capital IQ, the company (net profit/loss); FactSet (performance)

possible," with falling infection strong as we've ever seen it." **United Airlines Holdings** Inc. also said this week it believes the industry has hit an inflection point and expects record revenue in the current

pass the entire run-up in fuel prices on to consumers. Both airlines said they are

seeing signs that corporate travel—a lucrative segment for airlines—is improving as offices reopen and travel restrictions are lifted. Corporations are resuming

quarter and a profitable year.

United said it has been able to

travel more quickly now, United Chief Commercial Officer Andrew Nocella said. With fares also on the up-

swing, United expects its unit revenue for business travel to return to 2019 levels soon.

"After all the debates about the return to business traffic, it is nice to see this important milestone in sight even with many businesses not fully back in the office," Mr. Nocella said.

Airline executives hope that the easing of a federal require-Please turn to page B2

### Sandberg Pressed **Tabloid** On Kotick Reporting

Meta Platforms Inc. Chief Operating Officer Sheryl Sandberg is facing internal scrutiny over two occasions in which she pressed a U.K. tabloid to shelve a potential article

> By Ben Fritz, Keach Hagey, Kirsten Grind and Emily Glazer

about her then-boyfriend, Activision Blizzard Inc. Chief Executive Bobby Kotick, according to people close to the executives.

In 2016 and 2019, Ms. Sandberg contacted the digital edition of the Daily Mail, which was reporting on a story that would have revealed the existence of a temporary restraining order against Mr. Kotick that had been obtained by a former girlfriend in 2014, according to people involved in the article and the campaigns to stop its publication.

Working with a team that included Facebook and Activision employees as well as paid outside advisers, Ms. Sandberg and Mr. Kotick developed a strategy to persuade the Daily Mail not to report on the restraining order, first when they began dating in 2016 and again around the time they were breaking up in 2019, the people said. Among other concerns, Ms. Sandberg's legal and public-relations advisers, both inside and outside Facebook, worried that a story would reflect negatively on her reputation as an advocate for women.

Facebook recently started a review of Ms. Sandberg's actions and whether she violated Please turn to page B4

### Plaid Co-Founder Takes Aim At Technology for Banking

By Peter Rudegeair

Lots of tech entrepreneurs who strike gold splurge on trophy homes. William Hockey bought a bank.

Northern California National Bank lacks the curb appeal of a mansion in Malibu—its sole branch abuts a sporting-goods store in a squat suburban strip mall in Chico, Calif. Even so,

Mr. Hockey, a co-founder of the billion financial-tech startup Plaid Inc., and his wife, Annie Hockey, plunked down about \$50 million for NorCal last year, then gut-renovated its operating systems.

The couple have big hopes for their tiny lender. They think its technology can power the bank of the future. On the surface, a fintech founder buying a

bricks-and-mortar bank might sound as congruous as an Uber executive hailing a cab.

But nearly every big fintech company has to rely on bank partners for regulated tasks such as holding customers' deposits and issuing debit cards. Giants including JPMorgan Chase & Co. and Bank of America Corp. aren't normally Please turn to page B10



Please turn to page B5 | Annie Hockey, co-CEO of Column, with the office dog at the company's San Francisco site.

### **INSIDE**



Carvana soared but now is falling behind auto-dealer competitors. B2

**AUTOS** 



#### **BUSINESS NEWS** AT&T adds wireless

customers and HBO subscribers, capping its media-giant run. B3

### Meme-Trader Target To Shrink to \$5 Billion

By Juliet Chung

Buffeted by continuing losses, Gabe Plotkin's **Melvin** Capital Management plans to slim down and take the unusual step of starting to charge incentive fees again even though clients remain significantly underwater on their investments.

Melvin, which was burned in the meme-stock rally last year, plans to shrink to \$5 billion

from the \$8.7 billion it managed at the end of March, according to a letter the hedge fund sent to clients Thursday that was viewed by The Wall Street Journal. The fund is making a raft of other changes in the terms of its agreements with investors, Melvin told clients. In what is likely to be the

most controversial of the moves, Mr. Plotkin plans to Please turn to page B10

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### French Issue Arrest Warrants for Ghosn

By NICK Kostov

PARIS—French prosecutors issued international arrest warrants for Carlos Ghosn as well as four individuals they say are linked to an auto dealer in Oman, alleging they helped the fallen auto titan funnel millions of euros from Renault SA, according to people familiar with the matter.

An investigating magistrate issued five international arrest warrants against Mr. Ghosn. the former chief executive of Renault, and the current owners or former directors of the Omani company Suhail Bahwan Automobiles, a vehicle distributor in Oman, the prosecutor's office in the Paris suburb of Nanterre told The Wall Street Journal.

The prosecutors allege Mr. Ghosn funneled millions of dollars of Renault funds through the Omani car distributor for his personal use, including for the purchase of a 120-foot yacht.

Mr. Ghosn fled from a trial on charges of financial wrongdoing in Japan to Lebanon while hidden in a musical equipment box.

After escaping, Mr. Ghosn initially welcomed the French investigation, saying that he believed in the French justice system, which would allow him to establish his innocence. A spokeswoman for Mr. Ghosn declined to comment on the arrest warrants.

The latest arrest warrant won't fundamentally change Mr. Ghosn's personal situation. After fleeing Japan, he remains in Lebanon, where he is living as an international fugitive. in a house that was pur chased for him by the Japanese car maker. Lebanon doesn't extradite its citizens, and Mr. Ghosn has citizenship in Lebanon, France and Brazil.

However, the warrants are another legal blow to Mr. Ghosn's reputation. He has painted himself as the victim of a Japanese justice system, which he said is unfair and presumes guilt. Japanese officials say he would have had a fair trial if he had remained in Japan. People close to Mr. Ghosn don't rule out his going to France to face trial one day, although they say that is complicated by Lebanon holding his passports.

### **BUSINESS & FINANCE**

### Carvana Joins Pandemic Losers

Online used-car retailer failed to upend the industry and now faces slower growth

By Kristin Broughton

Carvana Co. joined the cast of postpandemic losers that includes Netflix Inc. and Peloton Interactive Inc. as investors tossed away the company's ambitious growth targets and dumped its stock.

Shares of the online usedcar retailer are down 20% in the past two days and nearly 80% since their peak last summer. Carvana's earnings on Wednesday laid bare its failure to upend the used-car market despite borrowing billions of dollars to juice growth.

"We built for more than showed up," Ernie Garcia III, the company's chief executive, said during an earnings call.

An expensive deal for a used-car auction company forced Carvana to announce the sale of \$2 billion in common and preferred stock at the current low price. Analysts likened the move to tearing off a Band-Aid to address its rickety balance sheet. Carvana has burned cash for the 10 years it has been in business.

Chief Financial Officer Mark Jenkins said on the earnings call that raising that much capital would allow the company to keep expanding and "to stop having conversations about liquidity and what happens in a deep recession, and a prolonged recession, and all those sorts of things.'

Carvana's sales declined in the past three months compared with last year's fourth quarter and its net loss widened to \$260 million from \$36



Carvana's sales declined in the past three months compared with last year's fourth quarter.

million a year earlier.

The company blamed tough economic factors—rising interest rates, higher gas prices and inflation-weary consumers. Analysts criticized it for spending too much on marketing and labor without planning for the possibility of a slowdown, which Mr. Garcia acknowledged. "The constant pressure of growth often dominates our priorities and slows our progress," Mr. Garcia said on the earnings call.

That obsession with growth puts Carvana in the same bucket as Netflix and Peloton, which are being valued at much slower growth rates. Having failed to disrupt its industry, Carvana now faces serious competition from entrenched players who are performing well despite macroeconomic headwinds.

With inventories on new cars crimped by production challenges, many buyers have been flocking to the used-car

lot, creating a seller's market for dealerships that has resulted in them charging more. The average dealership profit on a used car was about \$3,600 in the first quarter, according to J.D. Power. That is about 39% higher than the average profit from the first quarter of 2021, the research firm's data show.

AutoNation Inc. on Thursday reported net income of \$362 million for the first quarter, up 51% from a year earlier.Revenue for its used-car business was up 47% for the quarter, pushing its overall revenue to \$6.75 billion. Still, used-vehicle gross profit declined to \$1,566 a vehicle, down 10% from the prior year.

Lithia Motors Inc., an aggressive acquirer of car dealerships, said profit more than doubled from a year earlier to \$342.2 million. Average gross profit per unit for used vehicles rose 32%, to \$3,037.

Tina Miller, Lithia's chief financial officer, said her company sidestepped the affordability issue by selling vehicles that are up to 20 years old. That means it can direct customers to cheaper options if they can't afford the model they want.

Carvana is working on plans to improve the selection of more affordable vehicles for customers, Mr. Garcia said on the call Wednesday.

The company boxed itself in with its \$2.2 billion acquisition of auction business Adesa U.S., which is expected to close next month. Carvana in February told investors it had about \$3.3 billion in committed debt financing from JP-Morgan Chase & Co. and Citigroup Inc.

Investors worried that the debt load would be too big and expected the interest rates on the borrowing to be far higher than the company had been paying. The company has just over \$3 billion in longterm debt on its books.

### Gap Replaces Old Navy Chief Executive

By DENNY JACOB

Gap Inc. is replacing the head of its Old Navy business and cutting its first-quarter guidance, as increased competition from low-cost rivals forces the value brand to promote more.

Gap on Thursday said Old Navy President and Chief Executive Nancy Green is departing the business this week and an external search is under way. Gap CEO Sonia Syngal will work with the Old Navy team until a new brand president is found, the company said.

The retailer, known for brands Gap, Old Navy and Banana Republic, lowered its first quarter net sales growth guidance, citing macroeconomic dynamics as well as execution challenges at the Old Navy brand.

It now forecasts low to midteens year-over-year declines compared with its previous



Gap has decided it needs to increase promotional efforts.

guidance of mid to high singledigit declines compared with last year, which was boosted by stimulus spending.

The company said it would provide updated fiscal 2022 guidance when it reports first-

quarter results May 26. Shares fell 11% in afterhours trading after ending Thursday at \$14.29, down 0.6%. Through the close, shares have plummeted 56% over the past 12 months.

The San Francisco-based retailer also said it has decided it needs to increase promotions at Old Navv.

In March, Ms. Syngal said that the company expected a more promotional environment than a year ago, when stimulus checks left shoppers flush with cash. With high inflation, she said that Old Navy could benefit from shoppers trading down for lower-price apparel.

Gap has been working to adjust Old Navy's strategy in recent months. In March, Chief Financial Officer Katrina O'Connell said the brand is adjusting its category mix in the second quarter to be more balanced between "cozy and fash-

She added that the brand has capabilities that allows it to chase fashion trends, but supply-chain bottlenecks have hampered those efforts.

Earlier in the pandemic, Gap said its brands were unable to meet strong demand from shoppers due to pandemic-related factory closures and clogged ports.

### Airlines See Packed Planes

Continued from page B1

ment that passengers wear masks on flights and in airports will tamp down on disruptive behavior from passengers. Carriers including Delta Air Lines Inc., United and American said this week they will start revisiting bans they imposed on passengers who had refused to wear masks, though people whose behavior was especially egregious will likely remain blacklisted.

The carriers' bullish outlook drove stock prices higher. American shares rose 3.8%, and United shares climbed 9.3%. Shares of Alaska Air Group Inc., which also reported quarterly results Thursday, rose 0.2%.

For airlines, the first three months of the year were tumultuous. The spread of the Omicron variant of Covid-19 around the holidays and at the start of the year roiled their operations and cut short a nascent travel rebound as U.S. travelers canceled trips, while businesses canceled convention plans and kept workers

American Thursday reported a \$1.64 billion loss over the three months ended March 31. Stripping out one-time items, the company posted a



American says revenue surpassed 2019 levels in March.

polled by FactSet were expecting an adjusted loss of \$2.39 a

As daily new Covid-19 case numbers began to fall, demand for travel returned even as consumers faced higher fares driven by jet- fuel prices and labor costs.

American's operating revenue rose to \$8.9 billion from \$4 billion a year earlier. Analysts polled by FactSet were anticipating \$8.79 billion.

Now, one of the biggest questions airlines face is whether they can keep their operations on track as travelers pack planes this summer. Several airlines stumbled last summer and some have shown

signs of strain this spring. Carriers including Alaska, **Spirit Airlines** Inc. have cut schedules recently, moves they said would give their operations more flexibility to handle schedule disruptions. Mr. Isom said American has performed well through the spring break period and has 12,000 more employees now than it did last summer.

"We have sized the airline for the resources we have available," Mr. Isom said. American said its capacity this vear will be a bit lower than it had previously projected due to delays in deliveries of its Boeing 787 jets, but it hasn't had to throttle back its schedule to adjust for staffing or other constraints. American plans to fly as much as 94% of its 2019 capacity in the current quarter.

United, which has kept its schedule smaller throughout the pandemic, said it would increase it gradually to give priority to reliability.

United Chief Executive Scott Kirby said that while United is meeting its pilot hiring goals-bringing in some 200 new pilots each month an industrywide shortage will be a major hindrance to growth among small and midsize airlines, including the regional airlines that fly to small markets for United.

"This is not a temporary is-

sue," Mr. Kirby said. Jet-fuel costs roughly doubled since last April across the country, as Russia's invasion of Ukraine drove up crude-oil

American Airlines reported a 64.7% increase in jet-fuel prices for the first quarter to \$2.80 a gallon and the airline is assuming fuel prices of \$3.59 to \$3.64 a gallon during the current quarter.

Airfares have started to climb in tandem as carriers pass those higher costs on to consumers. Domestic ticket prices in March were 20% higher than 2019 levels and up 15% from February, according to the Adobe Digital Economy Index

Adobe said this week that there are signs that the higher fares are starting to curb travel appetite. In the first half of April, domestic bookings online were down 2% from the first two weeks for March, though flight bookings are still ahead of prepandemic levels.

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### AT&T Gains More Wireless Customers

Heavy investment in networks and 3G shutdown expenses squeezed earnings

By Drew FitzGerald

AT&T Inc. posted strong customer growth in its core wireless business during the first quarter as it capped its run as a modern media company.

The Dallas telecom giant reported a net gain of 691,000 postpaid phone connections in the three months through March, topping the 413,000 target on average of Wall Street analysts polled by Fact-Set. Investors often value postpaid lines that represent dependable revenue from customers under contract. Those phone connections, along with prepaid subscribers, topped 86 million at the end of March.

"The customer response in the industry was stronger than we expected," said Jeff McElfresh, chief of the company's communications business, referring to the wireless market. "It's a positive sign that the industry is healthy.

The period was AT&T's final



The Dallas company reported a net gain of 691,000 postpaid phone connections in the quarter.

quarter in charge of an entertainment business spanning CNN, HBO and the Warner Bros. studios, which it spun off last week into a new media company combined with competitor Discovery Inc. AT&T had acquired the media business in 2018 before the company decided to unwind the transaction

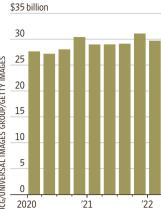
and cut its dividend.

The entertainment company's HBO unit posted a gain of three million subscribers in the March quarter and ended the period with 76.8 million subscribers, including 48.6 million in the U.S. Those tallies suggested its HBO Max service still had room to grow

in a market that pushed rival Netflix Inc. to its first quarterly customer decline in more than a decade.

Growth from both segments-cellular service and show business—came at a cost to AT&T. The company invested heavily in media production, smartphone promo-

Standalone AT&T's revenue, quarterly



Note: Excludes DirecTV, WarnerMedia, Xandr, Playdemic and other divested businesses.

tions and network upgrades to support its next-generation wireless service, squeezing overall earnings. Expenses from the February shutdown of its 3G wireless network to make room for newer fifthgeneration technology also cut into the bottom line.

The media division's operating income fell 33% to \$1.32 billion, a result the company attributed to higher marketing and programming costs for HBO Max and its new CNN+ streaming news service. New owner Warner Bros. Discovery Inc. on Thursday said it would scrap CNN+, an unusually quick reversal announced less than a month after its launch. The direct-to-consumer service's previous owners had invested about \$300 million to get it off the ground

AT&T's reported profit fell to \$4.81 billion from \$7.55 billion a year earlier, a decline to 65 cents from \$1.02 on a pershare basis that reflected business lines no longer part of the slimmed-down telecom company. Excluding its now-divested media and advertising businesses, the DirecTV interest it dropped in late 2021 and other one-time expenses, the remaining company's core pershare earnings rose to 63 cents from 58 cents a vear earlier.

During the quarter, revenue from the phone and internet operations that remain with AT&T rose 2.5% to \$29.7 billion, fueled by wireless growth. Wireless-service margins fell to 53.7% from 57.4% a year earlier as the cellphone carrier offered discounts to attract new subscribers and retain existing ones.

### Nestlé Sales Rise as Shoppers Shrug Off Higher Prices

By Saabira Chaudhuri

Nestlé SA said consumers continued to snap up Nescafe coffee and Purina pet food, even as the packaged-food giant raised prices again to offset rampant cost inflation.

Companies have been grappling with sharp rises in the cost of energy, packaging and transport as the pandemic eases. Russia's invasion of Ukraine has further stoked the cost of inputs like cooking oil and grains. U.S. inflation hit a 40-year high in March, while consumer prices in the European Union hit a record peak.

On Thursday, Nestlé reported

first-quarter results showing shoppers so far haven't been deterred by its efforts to offset those cost increases. The Swiss company said sales on an organic basis, which strips out currency changes and the impact of mergers and acquisitions, climbed 7.6% in the first three months of the year. That figure excluded its business in Russia, where it halted sales of

some products. Overall, reported sales rose 5.4% to 22.2 billion Swiss francs, equivalent to about \$23.4 billion. Nestlé—which doesn't give profit figures in the first quarter—said overall prices rose 5.2%, while volumes climbed 2.4%.

Chief Executive Mark Schneider said Nestlé so far had enjoyed "sustained consumer demand," but that it would raise prices further this year because of the continued sharp increase in inflation, in part driven by the war in Ukraine.

Mr. Schneider said Nestlé did expect some moderation in demand later this year as a result of higher prices. "When you stack all of these price increases on top of each other, it does have some impact on what the consumer has to pay for the basket," he said.

Price growth was highest in North America, up 8.5%, where

volumes rose 1.4%. The company said its Purina pet food brand was the largest growth contributor in the region, driven by upscale brands and online sales.

Mr. Schneider said Nestlé could have sold more in North America had it not been for supply-chain constraints on raw materials, labor and distribution. "Distribution capacity is super, super tight," he said.

Nestlé shares closed up slightly on Thursday. The update from Nestlé is

the latest indication that shoppers have been willing to stick with big brands despite rising prices. Procter & Gamble Co. posted Wednesday its biggest

quarterly sales gain in decades. However, the maker of Tide detergent and Gillette razors warned that shoppers may yet balk at rising prices for household staples. French beauty giant L'Oréal SA reported Tuesday strong firstquarter sales, saying consumer purchasing behavior so far had been unaffected by inflation.

Nestlé's earnings offered further clues as to how some pandemic-era consumer behavior is shifting, as people return to eating out. Nestlé said in North America, its professional business and its Starbucks outof-home products—both of which supply places like offices and hotels-reported double-digit sales growth.

By contrast, sales of frozen ready meals in North America, which performed well at the height of the pandemic, declined. Nestlé's vitamins, minerals and supplements business grew only slightly after a strong run through the pandemic amid heightened consumer concerns about health.

#### Watch a Video



Scan this code for a video on how stores use algorithms to adjust prices.

### New York Pensions Take Aim At Amazon Board, Safety

By Dana Mattioli

A group of New York City and state pension funds that collectively own more than \$5 billion of Amazon.com Inc. stock are urging fellow shareholders to vote against re-election of two board members for what the institutions say are failures to adequately protect worker safety.

New York City's pension fund, which represents the teachers, police department, fire department and other unions, has paired up with New York state's pension fund and the office of the Illinois state treasurer to vote against the re-election of Amazon directors Daniel Huttenlocher and Judith McGrath.

The two directors sit on a committee on Amazon's board that oversees leadership development.

New York City Comptroller Brad Lander, a Democrat, said Amazon's directors have repeatedly declined requests to meet and discuss Amazon's treatment of its workers, which the groups say "violate state and federal law and also conflict with Amazon's own human-rights policy.

The funds allege that Amazon's board hasn't adequately overseen the health and safety of its workers and expressed concern about the rate of worker injury and turnover at Amazon workplaces.

Asked for comment, an Amazon spokesman provided the company's safety report. "In 2021, we invested \$300 million in safety improvements such as capital improvements, new safety technology, vehicle safety controls, and engineering ergonomic solutions.

Institutional investors have asked for shareholder proposals urging better workplace conditions in the past, but it is rare for an investor to urge other shareholders to vote directors out over the issue.

The funds hold just over \$5.3 billion in shares of Amazon, or about 0.3% of the company's

\$1.6 trillion market value. Mr. Lander plans to encour-



Amazon urging better workplace conditions.

#### Other Sites to **Offer Prime Service**

Amazon.com Inc. is extending some of the offerings of its popular Prime membership program to merchants off its platform with a new service that embeds the online retailing giant's payment and fulfillment options onto third-party sites.

Called Buy with Prime, the service will allow merchants to show the Prime logo and offer Amazon's speedy delivery options on products listed on their own websites.

Amazon also Thursday said it would launch a \$1 billion venture program that will invest in fulfillment, logistics and supply chain. Combined, the two initia-

tives pose a greater threat to incumbent delivery giants like FedEx Corp. and United Parcel Service Inc. as Amazon tries to tie itself deeper into other ecommerce seller delivery operations and steps up investment in logistics.

The company said the Buy with Prime offer will be rolled out by invitation only through 2022 for those who already sell on Amazon and use the company's fulfillment services. Later, Amazon plans to extend Buy with Prime to other merchants, including those that don't sell on its platform.

Participating merchants will use the Prime logo.

–Denny Jacob

age other pension funds and investors to join the campaign to vote against the directors.

The New York state pension fund is overseen by New York state Comptroller Thomas Di-Napoli, a Democrat.

Amazon workers last year suffered serious injury at twice the rate of non-Amazon warehouses, according to a study published this month by the Strategic Organizing Center, a coalition of four labor unions.

Amazon has said its rate of injury has been slightly above that of warehouses peers and slightly below that of peers in the courier and delivery business, putting it on par with others overall.

Some Amazon employees say the company has unrealistic expectations for the pace at which they want workers to sort packages. In some locations, they are expected to prepare hundreds of packages an hour to support the company's quick-delivery apparatus, according to interviews.

For workers seeking to organize, those performance quotas are usually among the top issues they feel like a union could help address, employees said.

–Sebastian Herrera contributed to this article.



**B4** | Friday, April 22, 2022

### Tesla Stock Climbs on Record Earnings

Electric-vehicle maker signals production will grow despite China's Covid shutdowns

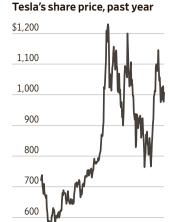
By Joe Wallace

Tesla Inc. shares climbed Thursday after the electric-vehicle maker posted its highest quarterly profit to date.

The stock closed up \$31.58, or 3.2%, at \$1,008.78 a share. Shares traded as high as \$1,092.22 earlier in the session, gaining nearly 12%, before backing off alongside the broader market.

Tesla late Wednesday reported a record profit of \$3.3 billion for the first three months of the year and signaled that vehicle production would keep growing despite shutdowns in China. Chief Executive Elon Musk said the company likely would produce more than 1.5 million vehicles in 2022, up 60% over last year.

The results pointed to progress in Tesla's business, but also challenges posed by the

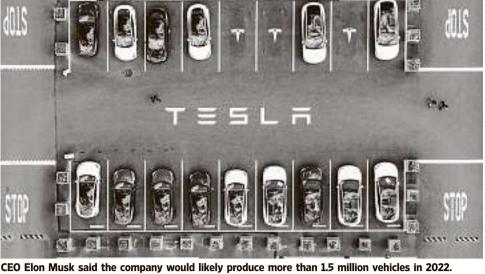


Source: FactSet

500

stop-start emergence of the world economy from Covid-19 lockdowns and the supply-chain snarl-ups that have accompanied the unusual recovery.

Tesla delivered around 310,000 vehicles globally in the first quarter, up from 184,877 a year earlier. Mr. Musk said rising input costs causing difficulties



though, after a surge in prices for raw materials from lithium to nickel. "I think the official numbers actually understate the true magnitude of inflation," he said.

Daniel Ives, an analyst at Wedbush Securities, said investors were relieved by Mr. Musk's upbeat comments about production in Shanghai.

Manufacturing in Tesla's Shanghai factory was suspended in late March after the city imposed shutdowns to curb the spread of coronavirus.

Tesla shares have long been driven by a fervor for the company and its chief executive, who has garnered a loyal following on Twitter.

The stock charged higher

when a collapse in interest rates pushed investors into more speculative corners of financial markets during the pandemic. The gains mystified some investors, who said they were unhinged from Tesla's performance as a business, and made Mr. Musk by some mea-

sures the world's richest man. The stock got another boost

when it joined the S&P 500 in December 2020, prompting money managers tracking the index to buy Tesla shares. Tesla hit its highest closing price of \$1,229.91 in early November 2021. Shortly afterward, the shares dropped when Twitter users voted for Mr. Musk to sell part of his stake in the firm.

Tesla has drifted lower since then, but held up better than many other stocks into which investors piled during Covid-19 shutdowns. Its share price is down 4.5% in 2022 so far, better than the S&P 500's 7.8% decline.

Mr. Musk has again used Twitter to unusual effect in recent days, sending cryptic tweets that hinted at the prospect of a tender offer to buy the social-media company. Twitter is expected to rebuff his existing \$43 billion bid, which came after Mr. Musk built a big stake in the company and criticized its moderation policies.

◆ Heard on the Street: Buying a Tesla remains a luxury...... B12

### Activision to Add Two Women to Its Board

By WILL FEUER AND SARAH E. NEEDLEMAN

Activision Blizzard Inc. said it is moving to add two women to its board, months after allegations of workplace discrimination and a toxic culture at the videogame company led to lawsuits and federal investigations.

The company said it elected Lulu Cheng Meservey, a communications executive at newsletter platform Substack, to the board and plans to nominate Bacardi Ltd. executive Kerry Carr to the board at the company's 2022 annual meeting. Current board members Hendrik J. Hartong III and Casey Wasserman won't stand for reelection, the company said.

Activision Chief Executive Bobby Kotick said in a statement that the two new additions bring important skills and experience to the videogame maker.

In joining Activision's board, Ms. Meservey was given a seat



Activision plans to nominate Bacardi executive Kerry Carr.

on its new workplace responsibility committee. Activision formed the committee in November, saying at the time that it was created to oversee the company's progress in implementing new policies, procedures and commitments to improve its workplace culture and eliminate all forms of harassment and discrimination.

Last month, a judge approved an \$18 million settlement between Activision and the Equal Employment Opportunity Commission, which had been investigating the company for allegations of sexual harassment and retaliation. Activision continues to face a lawsuit over similar claims by the California Department of Fair Employment and Housing. The company has said it disputes the state's allegations and is fighting the case.

Mr. Kotick knew for years about sexual-misconduct allegations at Activision, The Wall Street Journal previously reported, though he didn't inform the board about everything he knew. Mr. Kotick has said he has been transparent with the company's board, and Activision has called the Journal's reporting "misleading.'

Activision is in the process of being acquired by Microsoft Corp. in an all-cash deal valued at roughly \$75 billion. The companies have said they expect it to close next year, though the Federal Trade Commission is reviewing the potential transaction over whether it would substantially lessen competition within the videogame industry.

### Sandberg Pressed **Tabloid**

Continued from page B1

the company's rules, according to people close to her and to Mr. Kotick. The review started after The Wall Street Journal began reporting on the incidents late last year, those people said.

The digital edition of the Daily Mail, which is called the MailOnline and operates separately from the print publication, never published a story. Its reporting stemmed from 2014 court filings it had obtained that showed that an exgirlfriend of Mr. Kotick's had received a temporary restraining order against him after alleging that he harassed her at her home, according to people familiar with the situation and documents reviewed by the Journal.

The woman had initially petitioned for a longer-lasting order, but three weeks later the matter was removed from the court calendar at the request of both parties, and the temporary restraining order ended and the petition was dismissed, according to Los Angeles County Superior Court records. The accuser later told people that the declaration she filed for the restraining order included many allegations that were either exaggerated or untrue, according to some of the people with knowledge of the matter. The Mail, while pursuing a potential article about the restraining order, was aware that she had taken back at least some of her allegations, these people said.

Sandberg told the Mail that the former girlfriend had retracted the allegations, according to some of the people with knowledge of the matter.

In both 2016 and 2019, Ms.

#### **Dissuasion effort** In the first instance, discus-

sions in 2016 about how to dissuade the Mail from publishing an article about the restraining order included Ms. Sandberg, Mr. Kotick, Activision and Facebook employees, outside public-relations advisers and lawvers in the U.S. and U.K., according to people with knowledge of the conversations. The group discussed what information they believed the Mail had obtained and whether they could persuade the publication's leadership that Mr. Kotick had been wrongfully accused, one of the people said.

There are conflicting accounts about what Ms. Sandberg said and whether she directly invoked Facebook in her communications with the Mail. Mr. Kotick has told people that Ms. Sandberg threatened the Mail in 2016 by saying that such an article, if published, could damage the news organization's business relationship with Facebook, according to people familiar with his comments.

In a written statement, Mr. Kotick told the Journal: "I never said anything like that." He also said that the Journal's other reporting about the mat-



providing further details. He said it was his understanding story because it was untrue. Asked about the restraining order and his ex-girlfriend, he said that the matter had been put to rest long ago and that they remain friends.

People who worked closely with Ms. Sandberg at the time said a direct threat would have been out of character, but that even a phone call from her would have likely been viewed with alarm given Facebook's influence in the news business. Some executives inside Facebook assert that any intervention by Ms. Sandberg over a news article, no matter her specific words, could well be perceived as a threat, given the social-media giant's power over web traffic and Ms. Sandberg's power and influence, according to people with knowledge of these incidents.

A spokeswoman for Meta, the corporate name that Facebook adopted last year, said: Sandberg "Sheryl threatened the MailOnline's business relationship with Facebook in order to influence an editorial decision."

At one point in 2016, Martin Clarke, then editor in chief of the MailOnline, told employees that the publication wouldn't be running an article about the restraining order, and that he had heard from Ms. Sandberg, according to another person familiar with the incident.

In the second instance, in 2019, when the publication was once again looking into the matter, Ms. Sandberg emailed Jonathan Harmsworth, also known by his aristocratic title Viscount Rothermere, the great-grandson of the Daily Mail's founder and chairman of its parent company, with concerns about the potential article, according to people familiar with the communication. She wrote that she appreciated the Mail's "commitment to getting the facts right," the people said.

#### Email exchange

Lord Rothermere, who has a policy of not getting involved in editorial matters, referred the issue to Mr. Clarke, some of those people said. Mr. Clarke and Ms. Sandberg exchanged emails in 2019, according to a person familiar with the exchange. Mr. Clarke left the Mail in February 2022.

One person with knowledge of the situation inside the Mail said those who interacted with Ms. Sandberg at the publication didn't feel threatened.

The MailOnline is one of the most-trafficked Englishlanguage news websites, and like many publishers relies on Facebook for a portion of its traffic. In 2010, Facebook delivered 10% of MailOnline's U.K. traffic, according to the publication. By 2019, in part because of changes to Facebook's algorithm, its referrals delivered 3.86% of such traffic, according to web analytics firm SimilarWeb.

In 2016, Facebook announced two new formats for video ads, citing the Mail as one of the premium publishers

#### started a review of Ms. Sandberg's actions.

Facebook recently

who had received advance access to them. Using those new video-ad formats required publishers to use two other Facebook products, Facebook **Audience Network and Instant** Articles, both of which the Mail had access to.

News Corp, owner of the Journal, has a commercial agreement to supply news through Facebook.

#### PR advice

During the three years in which they dated, Mr. Kotick and Ms. Sandberg regularly tapped employees at one another's companies for publicrelations advice, according to people close to the couple at the time. In 2016, Mr. Kotick forwarded an inquiry from a Journal reporter to a Facebook employee who worked for Ms. Sandberg, among others. He inadvertently copied the Journal reporter on the email.

Ms. Sandberg has been No. 2 at Meta, and its predecessor company, Facebook, since 2008. She also has championed women in the workplace in a book, "Lean In," and through a nonprofit organization. LeanIn.Org.

Given her prominent public profile, Ms. Sandberg's advisers outside Facebook worked

with Facebook employees on some of her personal public relations, according to people familiar with the matter.

Mr. Kotick has led Activision since 1991. Recently, the videogame giant agreed to be acquired by Microsoft Corp. for about \$75 billion. Mr. Kotick has come under pressure from shareholders, employees and business partners after a July lawsuit by the state of California alleged widespread sexual harassment and discrimination, which Activision has disputed.

The Journal reported in November that Mr. Kotick knew of misconduct allegations for years and didn't report them to the board of directors. Activision's board said at that time that it has been "informed at all times with respect to the status of regulatory matters." A California iudge in late March approved an \$18 million settlement between Activision and the Equal Employment Opportunity Commission, and Mr. Kotick said he was committed to making the company a model for the industry in eliminating harassment and discrimination from the workplace. The public case file in Los

Angeles County Superior Court related to the March 2014 restraining order, which court officials said would typically include all relevant documents, doesn't currently contain a copy of the sworn declaration made by Mr. Kotick's ex-girlfriend. The Journal reviewed a transcript of her declaration. In the declaration, she said

she informed Mr. Kotick their relationship was over because of what she said was his bullying and controlling nature. He then showed up at her Los Angeles home uninvited and tried to get in, prompting her to call the police, according to the declaration. She said the police gave her an emergency protective order. The subsequent temporary restraining order blocked Mr. Kotick from coming within 100 yards of her or contacting her, according to court records. It was dissolved on April 17, 2014. On Thursday, after an on-

line version of this article was published, a representative for his ex-girlfriend provided a written statement on her behalf: "The statements I made about Bobby, over eight years ago, are false."



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#### **BUSINESS NEWS**



Offering classes has helped spur sales for the brand's clothing.

### Lululemon Is Set To Launch Paid Membership Plans

By Joseph Pisani

**Lululemon Athletica Inc.** is launching membership plans later this year in an effort to maintain customer loyalty and sell more workout gear.

One plan will be free and give members early access to new products. Another will cost \$39 a month and have additional perks, such as in-person events and online exercise classes.

Lululemon's new memberships are part of its plan to double its annual revenue to \$12.5 billion by 2026. The company, which has maintained a dominant position in athleisure, plans to grow its men's clothing line, expand in China and Europe and sell clothing for more types of activities, such as tennis and golf.

Offering workout classes in the past helped spur sales for the athletic-apparel brand, whose yoga pants are priced at around \$100. "The more they sweat, the more they spend," said Lululemon Chief Executive Calvin McDonald during the company's analyst day meeting Wednesday.

Those who sign up for the \$39-a-month membership will need a Mirror device, a \$1,400 tech-enabled mirror that lets users take classes at home. Those who already have a Mirror pay a \$39-a-month subscription and will be automatically added to the new

membership for no additional cost. Lululemon bought Mirror for \$500 million in 2020.

Lululemon said it is building a way for paying members that don't have a Mirror to watch workouts on their laptops, phones and other devices. It plans to launch that service at the end of the year or next year. A company spokesman didn't give an exact date.

Neil Saunders, managing director of GlobalData Retail, said Lululemon's \$39-a-month membership gives the company another stream of revenue, but that it is likely many customers already pay to go to yoga classes and it remains to be seen if people will pay for another membership. The free version will give Lululemon a database of customers it can market it to, he said.

Smaller rivals, including Alo and Fabletics, offer workout guides on their apps for additional fees. Mr. Saunders said Lululemon will face competition from Apple Inc.'s fitness app and from Peloton Interactive Inc., which sells workout clothing.

Offering memberships to shoppers doesn't always work out for apparel sellers, said Mr. Saunders. Under Armour Inc. bought nutrition-tracking app MyFitnessPlan in 2015 for \$475 million and sold it five years later to an investment firm for \$345 million.



The number of daily active users to 332 million in the first quarter.

### Snap Feels Impact of Ad Shifts

Continued from page B1 Sales jumped 38% from a year earlier to \$1.06 billion.

Snap shares, which closed down 4.4% Thursday before the results, rose less than 1% in after-hours trading.

The company also signaled sales growth this quarter could surpass its forecast.

For the current quarter, sales have seen growth so far of around 30%, Chief Financial Officer Derek Andersen said, slightly ahead of the 20% to 25% guidance the company is giving for the period.

"We are concerned that the operating environment ahead could be even more challenging, leading to further campaign pauses or advertiser budget reductions," he said.

Russia's assault on Ukraine that began Feb. 24 also had an impact on its business, Snap

Some advertisers paused spending after Russia's offensive began, though resumed spending within 10 days, the company said.

Snap also said it incurred about \$5 million in costs for efforts to support team mem-

bers affected by the war.
"Our brand advertising
business grew at a relatively

business grew at a relatively slower rate," Mr. Andersen said. He added that advertisers

He added that advertisers across numerous industries have expressed concerns about everything from rising costs and interest rates to supplychain disruptions.

Digital ad sales at Snap and other companies were hit after Apple introduced software changes last year that started requiring apps to ask users whether they wanted to be tracked.

Many users opted out, making it more difficult for advertisers to target their ads to demographic groups and limiting their ability to determine whether ad campaigns were working.

Snap last year warned revenue growth would slow as a result, sending its shares tumbling. Shares in Snap are down about 50% over the past year.

The company said it has been developing new tools to help advertisers resolve those issues and is focused on persuading brands to use them.

Snap increased its number of daily active users to 332 million in the first quarter, up 18% from the year-ago period and slightly ahead of expectations.

The company plans to host its annual partner summit next week where it said it plans to unveil new products and features.

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Net Sym Close Chg

**SIVB** 503.13 -14.94

Net Sym Close Chg

TDG 634.16 -9.18

### **BIGGEST 1,000 STOCKS**

Net Sym Close Chg

Net Sym Close Chg

Stock Sym Close Chg
LibertyBraves A BATRA 27.68 -0.35
LibertyBraves C BATRK 26.45 -0.36

Net Sym Close Chg

OtisWorldwide OTIS 75.21 -0.31 SVB Fin

Stock

Stock

How to Read the Stock Tables
The following explanations apply to NYSE, NYSE
Arca, NYSE American and Nasdaq Stock Market
listed securities. Prices are composite quotations
that include primary market trades as well as
trades reported by Nasdaq BX (formerly Boston),
Chicago Stock Exchange, Cboe, NYSE National and
Nasdaq ISE.
The list comprises the 1,000 largest companies
based on market capitalization.
Underlined quotations are those stocks with
large changes in volume compared with the
issue's average trading volume.
Boldfaced quotations highlight those issues
whose price changed by 5% or more if their
previous closing price was \$2 or higher.

Footnotes:
I-New 52-week high.
I-New 52-week low.
dd-Indicates loss in the most recent four

dd-Indicates loss in the most recent four quarters.

FD-First day of trading.
h-Does not meet continued listing standards
If-Late filing
q-Temporary exemption from Nasdaq requirements.
t-NYSE bankruptcy
v-Trading halted on primary market.
vj-In bankruptcy or receivership or being reorganized under the Bankruptcy Code, or securities assumed by such companies.

Wall Street Journal stock tables reflect composite regular trading as of 4 p.m. and

	changes in the closing prices from 4 p.m. the previous day.													
	Thursday,	-		Net		Stock	Sym	Close	Net Chg		Stock	Sym	Close	Net Chg
=	Stock	Sym	Close	Chg		Atlassian		253.82			CIBC	СМ		-0.98
ı	Α	В	C			AtmosEnergy Autodesk		121.16 195.13			CanNtlRlwy CanNaturalRes	CNI	127.46 66.15	-1.28 -2.63
	ABB	ABB	32.70	0.90		ADP		230.18			CanPacRlwy	CP	77.58	
	AECOM	ACM	76.34	-1.71	٨	AutoZone		2233.31 256.01			Canon	CAJ	23.38	
	AES	AES				Avalonbay Avangrid	AGR	48.83	2.51 -0.39		CapitalOne Capri	COF CPRI	139.98 50.69	-1.87
•	Aflac AGCO	AFL AGCO	65.50 141.67	-1.12 -3.09		Avantor	AVTR	31.32	-1.41		CardinalHealth	CAH	63.75	-0.11
	AMC Ent	AMC	16.85	-0.49		AveryDennison		172.54 308.82	1.46		Carlisle	CSL	254.52	
	Ansys APA	ANSS APA	284.19	-7.06 -2.01		AvisBudget AxonEnterprise			-3.99		<b>Carlyle</b> CarMax	CG KMX	<b>41.46</b> 90.67	
•	ASETech	ASX		-0.15		BCE	BCE	58.16	-0.86		Carnival	CCL	19.51	-0.11
	ASML		619.98			BHP Group BJ'sWholesale	BHP	<b>71.46</b> 69.98	<b>-5.44</b> 0.14		Carnival CarrierGlobal	CUK	17.88	
	AT&T AbbottLabs	T ΔRT	20.21 123.37	0.78 0.73		BP	BP	30.81			Carvana		83.14	<b>-9.36</b>
	AbbVie	ABBV	158.52	1.82		Baidu		115.97	-6.34		CaseysGenStores			-2.55
	Abiomed		315.64 322.31			BakerHughes Ball	BKR	<b>32.91</b> 88.63	<b>-2.42</b> -0.37		Catalent Caterpillar	CTLT	92.28 232.57	-3.87 -2.51
	Accenture ActivisionBliz		78.90			BancoBilbaoViz			-0.03		Celanese	CE	148.04	-0.30
	Adobe	ADBE	417.48	-10.63		BancoBradesco			-0.11		CenovusEnergy Centene	CVE	17.42 87.84	
	AdvanceAuto AdvDrainageSys			-2.46 -3.75		BancodeChile BancSanBrasil		21.75 7.42	-0.16 -0.22		CenterPointEne		32.26	
	AdvMicroDevices		89.85	-4.17		BcoSantChile	BSAC	20.67	0.04		CentraisElBras		8.74	-0.38
	Aegon	AEG	5.73	-0.10		BancoSantander		3.42			CeridianHCM Cerner		58.13 93.34	-1.39 -0.08
	AerCap AffirmHldgs	AER AFRM	53.01 <b>32.90</b>	0.06 <b>-1.86</b>	1	BanColombia BankofAmerica		42.64 38.91	-0.84 -0.75		CharlesRiverLabs	CRL	292.00	-4.85
	AgilentTechs	Α	125.29	-4.08		BankofMontreal	вмо	116.00	-1.41		CharterComms			
	agilon health		19.47	-2.22	1	BankNY Mellon BkNovaScotia		46.15 68.73	-0.87 -0.19		CheckPoint CheniereEnergy		140.56 136.58	
	AgnicoEagle AirProducts	AEM APD	61.76 251.14	-3.13 2.40		Barclays	BCS	7.82	-0.03		CheniereEnerPtr	CQP	55.89	-1.20
	Airbnb	ABNB	157.91	-6.64		BarrickGold	GOLD		-1.03		ChesapeakeEne		91.14	
ı	AkamaiTech		119.96 207.24	-1.96 -9.95		Bath&BodyWks BauschHealth		55.43 22.23	-1.40 -0.55		ChewyA		164.58 <b>37.13</b>	<b>-7.95</b>
	Albemarle Albertsons	ACI	33.88	0.59		BaxterIntl	BAX	77.98	-0.58		ChinaEastrnAi	CEA	15.97	-0.60
	Alcoa	AA	72.20	-14.73		BectonDicknsn			-2.76		ChinaLifeIns ChinaPetrol	LFC SNP	7.46 49.28	-0.18
	Alcon AlexandriaRIEst	ALC	79.41			BeiGene BentleySystems		164.72 43.54	-7.29 0.04		ChinaSoAirlines		27.54	
	Alibaba		85.99		٨	Berkley	WRB	69.52	-1.53		Chipotle	CMG	1521.11	
	AlignTech		383.63			BerkHathwy A					ChoiceHotels Chubb	CHH CB	144.54 211.53	
	Alleghany Allegion	Y Alle	836.00 112.09			BerkHathwy B BerryGlobal		59.15	-5.22		ChunghwaTel		44.34	
	AlliantEnergy			-0.66		BestBuy	BBY	93.64	-0.76		Church&Dwight			
ı	Allstate		141.13			Bilibili	BILI BILL	21.00	-1.19 -17.38		ChurchillDowns Ciena	CIEN		
	AllyFinancial AlnylamPharm			0.80		Bill.com Bio-Techne		412.09			Cigna	CI	264.61	-4.26
	Alphabet A	GOOGL	2496.29	-64.51		Bio-RadLab B					CincinnatiFin Cintas		140.28 418.89	-0.97 -2.57
	Alphabet C Altria	GOOG MO	2498.75 56.53	-66.16 1.16		Bio-RadLab A Biogen		545.24 218.40			CiscoSystems			-0.24
•	AlumofChina		<b>12.67</b>	<b>-1.16</b>		BioMarinPharm			-0.11		Citigroup	C	52.63	-0.47
	Amazon.com	AMZN	2965.92-	114.04		BioNTech		147.84			CitizensFin CitrixSystems	CFG	43.03 101.56	
	Ambev Amcor	ABEV	3.11 11.93	-0.07 -0.08		BlackKnight BlackRock	BKI BLK	67.26 681.46			Clarivate	CLVT		
1	Amdocs	DOX	83.15	0.02		Blackstone	BX	112.62			Cleveland-Cliffs		29.58	
	Amerco		556.37	-6.89		Block	SQ		-6.81		Clorox <b>Cloudflare</b>	CLX NET	148.15 <b>98.49</b>	1.95 <b>-5.21</b>
•	Ameren AmericaMovil A	AEE AMOV		-0.70 -0.79		BlueOwlCapital Boeing	BA	181.02	<b>-0.80</b> -2.53	Å	Coca-Cola	ко	66.21	0.25
	AmericaMovil	<b>AMX</b>	21.22	-0.27		BookingHldgs	BKNG	2239.32	-12.48		Coca-ColaEuro Cognex	CCEP CGNX		0.54
	AmerAirlines	AAL ACC	20.22	0.74	٨	BoozAllen	BAH	89.90 38.74	0.05 -0.02		CognizantTech			0.21
	AmCampus AEP	AEP	64.75 102.12	-0.71		BorgWarner BostonProps	BWA BXP		-0.02		CoinbaseGlbl			
	AmerExpress	AXP	185.74	-2.72		BostonSci	BSX	46.31	-0.79		ColgatePalm Comcast A		82.10 46.94	0.57 -0.46
1	AmericanFin AmHomes4Rent		147.79	-1.19 -0.27	,	BrightHorizons BristolMyers			-1.69 0.28		Comerica	CMA		<b>-4.37</b>
ı	AIG	AIG	63.13	-1.28	l.	BritishAmTob		43.52	-0.04		CommerceBcshr			-0.07
	AmerTowerREIT			-0.84	٨		BRX	26.48	-0.37		ConagraBrands Concentrix	CNXC	36.56 154.50	0.02
	AmerWaterWorks Ameriprise		165.31 291.71		1	Broadcom BroadridgeFinl		592.73 154.47			Confluent	CFLT	35.83	-2.29
i	AmerisourceBrgn	ABC	165.02	-0.71	1	BrookfieldMgt	BAM	54.41	-1.14		ConocoPhillips ConEd	COP	98.67 98.19	
	Ametek Amgen		132.25 255.46	0.14		BrookfieldInfr BrookfieldRenew			-1.08 -1.05	٨	ConstBrands A	STZ	254.21	
	Amphenol	APH	71.62	-0.92		Brown&Brown	BRO	70.68	-0.38		ConstellationEne		62.67	
	AnalogDevices Anaplan		158.71 65.03			Brown-Forman B			-0.51		ContinentalRscs Cooper		62.34 409.45	-2.82 -9.13
	Anapian AngloGoldAsh			-0.23 -0.92	1	Brown-Forman A Bruker		64.87 60.88			Copart	CPRT	118.85	-1.91
	AB InBev	BUD	61.44	-0.05		BuildersFirst	BLDR	62.39	-2.60		Corning Corteva	GLW	34.64 60.21	
	AnnalyCap AnteroResources	NLY		-0.04 <b>-2.08</b>	٨	Bunge BurlingtonStrs	BG	122.33			Corteva Cosan		18.82	
1	Anthem		522.87			CBRE Group					CoStar		62.00	
ı	Aon	AON	333.46	0.24	1	CDW	CDW	176.41	-2.59		Costco CoterraEnergy		591.74 29.97	
1	AptincmREIT ApolloGlbMgmt		55.04 <b>56.16</b>			CF Industries CGI	CF GIB	<b>99.36</b> 82.57	<b>-6.78</b> 0.87		Coupang	CPNG	14.43	-1.39
	Apple	AAPL	166.42	-0.81		CH Robinson	CHRW	103.24	0.04		Credicorp CreditAcceptance		153.84	
	ApplMaterials				ļ,	CMS Energy		228.37			CreditAcceptance CreditSuisse			-0.15
	Applovin Aptargroup	APP ATR	<b>43.12</b> 118.94			CMS Energy CNA Fin	CMS		-0.20 -0.10		CrowdStrike	CRWD	209.85	12.64
	Aptiv	<b>APTV</b>	109.46	-1.58	١	CNH Indl	CNHI	15.66	-0.16		CrownCastle CrownHoldings	CCI	196.40	-1.53
	Aramark ArcelorMittal		38.92 32.47	0.76 -0.04		CRH CSX	CRH	41.76 36.30	-0.72 1.00		CubeSmart	CUBE	53.63	-0.83
ı	ArchCapital		49.25			CVS Health		105.18			Cullen/Frost	CFR	142.06	-3.36
	ArcherDaniels				1	CableOne		1356.39			Cummins		206.86	2.05
	AresMgmt arGEN-X		<b>77.61</b> 315.85		1	CadenceDesign CAE	CDNS CAE		-5.27 -0.72		D	Е	F	
	AristaNetworks	ANET	120.19	-6.97		CaesarsEnt	CZR	68.11	-3.59		DCP Midstream		37.57	
	AspenTech		162.06			CamdenProperty		170.63			DISH Network			
•	Assurant AstraZeneca		190.33 67.39			Cameco CampbellSoup	CCJ	<b>28.29</b> 47.48			DTE Energy DXC Tech	DXC		-0.84 -1.18

Exchange-Traded Por	rtfolios   wsJ.com/ETFresearch
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Largest 100 exchange-traded funds, latest session												
Thursda	y, April	21, 2022			ETF	Symbol	Closing Price	Chg (%)	YTI (%)			
ETF	Symbo	Closing I Price	(%)	YTD (%)	iShUSTreasuryBdETF		24.17	-0.33				
CnsmrDiscSelSector	XLY	180.00	-0.97	-12.0	JPM UltShtIncm	JPST	50.20	-0.04				
CnsStapleSelSector	XLP	80.50	-0.09	4.4	ProShUltPrQQQ	TQQQ	45.09	-5.87	-45.			
DimenUSCoreEa2	DFAC	26.96	-1.68	-6.9	SPDRBlm1-3MTB	BIL	91.43					
EnSelectSectorSPDR	XLE	78.11	-3.17	40.7	SPDR Gold		182.06	-0.36				
FinSelSectorSPDR	XLF	37.28	-1.58	-4.5	SPDRS&P500Value	SPYV	42.06	-1.08				
HealthCareSelSect	XLV	138.73	-1.10	-1.5	SPDRPtfS&P500	SPLG	51.53	-1.43				
IndSelSectorSPDR	XLI	100.91	-1.02	-4.6	SPDRS&P500Growth		61.77	-1.84				
InvscQQQI	QQQ	334.15	-2.07	-16.0	SchwabIntEquity	SCHF	35.74	-1.16				
InvscS&P500EW	RSP	156.66	-1.45	-3.7	SchwabUS BrdMkt	SCHB	51.58	-1.68				
iShCoreDivGrowth	DGRO	53.17	-0.97	-4.3	SchwabUS Div	SCHD	79.55	-0.86				
iShCoreMSCIEAFE	IEFA	67.69	<b>-0.9</b> 8	-9.3	SchwabUS LC SchwabUS LC Grw	SCHX SCHG	52.08 69.28	-1.62 -2.15				
iShCoreMSCIEM	IEMG	52.91	<b>-1.</b> 84	-11.6								
iShCoreMSCITotInt	IXUS	64.50	-1.35	-9.1	SchwabUS SC Schwab US TIPs	SCHA SCHP	45.91 59.57	-2.28 0.39				
iShCoreS&P500	IVV	440.09	-1.45	-7.7	SPDR DJIA Tr		347.71	-1.09				
iShCoreS&P MC	IJH	264.55	-1.79	-6.5	SPDR DJIA 11 SPDR S&PMdCpTr	MDY		-1.81				
iShCoreS&P SC	IJR	105.85	<b>-1.5</b> 8	-7.6	SPDR S&P 500		438.06	-1.50				
iShS&PTotlUSStkMkt	ITOT	97.63	<b>-1.6</b> 8	-8.7	SPDR S&P Div		436.06 131.39	-0.69				
iShCoreTotalUSDBd	IUSB	47.79	-0.50	-9.7	TechSelectSector		147.20	-1.70				
iShCoreUSAggBd	AGG	103.04	-0.55	-9.7	UtilitiesSelSector	XLU	75.52	-1.65				
iShSelectDividend	DVY	131.08	-0.80	6.9	VanEckGoldMin	GDX	38.09	-5.08				
iShESGAwareUSA	ESGU	97.76	-1.62	-9.4	VangdInfoTech		383.24	-1.92				
iShEdgeMSCIMinUSA		77.76	-0.92	-3.9	VangdSC Val		175.04	-1.80				
iShEdgeMSCIUSAQua	QUAL	130.26	-1.70	-10.5	VangdExtMkt		157.74	-2.58				
iShGoldTr	IAU	37.09	-0.35	6.5	VangdSC Grwth		235.52	-2.56				
iShiBoxx\$HYCpBd	HYG	79.74	-0.69		VangdDivApp		161.87	-1.00				
iShiBoxx\$InvGrCpBd	LQD	113.55	-1.06		VangdFTSEDevMk	VEA	46.81	-1.18				
iShJPMUSDEmgBd	EMB	93.08	-0.90		VangdFTSE EM	vwo	43.93	-1.81				
iShMBSETF	MBB	97.86	-0.65	-8.9	VangdFTSE Europe	VGK	61.51	-0.93				
iShMSCI ACWI	ACWI	96.55	-1.55	-8.7	VangdFTSEAWxUS	VEU	55.74	-1.35	-9.			
iShMSCI EAFE	EFA	71.64	<b>-1.0</b> 8	-8.9	VangdGrowth	VUG	267.23	-2.08	-16.			
iShMSCIEmgMarkets		42.76	-1.93		VangdHlthCr	VHT	255.86	-1.35	-4.			
iShMSCIEAFEValue	EFV	49.73	-1.05	-1.3	VangdHiDiv	VYM	113.45	-0.98	1.			
iShNatlMuniBd	MUB	106.89	-0.31	-8.1	VangdIntrCorpBd	VCIT	81.98	-0.86	-11.			
iSh1-5YIGCorpBd	IGSB	50.92	-0.39	-5.5	VangdLC	vv	201.06	-1.61	-9.			
iShPfd&Incm	PFF	34.56	-1.26		VangdMC	vo	232.94	-1.90	-8.			
iShRussell1000Gwth	IWF	259.58	-1.90		VangdMC Val		151.57	-1.04				
iShRussell1000Val	IWD	166.24	-1.29	-1.0	VangdRealEst		111.72	-0.69				
iShRussell2000	IWM	197.80	-2.24		VangdS&P500ETF		402.65	<b>-1.4</b> 8				
iShRussell2000Val	IWN	158.45	-1.85	-4.6	VangdST Bond	BSV	76.98	-0.30				
iShRussellMid-Cap	IWR	76.63	-2.01	-7.7	VangdSTCpBd	VCSH	76.82	-0.40				
iShRussellMCValue	IWS	119.81	-1.50	-2.1	VangdShtTmInfltn	VTIP	50.76	0.24				
iShRussell1000	IWB	242.20	-1.56	-8.4	VangdSC		207.56	-2.13				
iShS&P500Growth	IVW	71.31	-1.86		VangdTaxExemptBd	VTEB	50.26	-0.34				
iShS&P500Value	IVE	156.82	-1.07	0.1	VangdTotalBd	BND	76.40	-0.53				
iShShortTreaBd	SHV	110.18	-0.03	-0.2	VangdTotIntlBd	BNDX	51.12	-0.37				
iShTIPSBondETF	TIP	121.90	0.40	-5.7	VangdTotIntlStk	VXUS	57.91	-1.30				
iSh1-3YTreasuryBd	SHY	82.90	-0.17	-3.1	VangdTotalStk		220.22	-1.63				
iSh7-10YTreasuryBd	IEF	102.69	-0.55		VangdTotIWrld	VT	98.00	-1.53				
iSh20+YTreasuryBd	TLT	120.75	-0.74	-18.5	VangdValue	VTV	149.20	-1.06	1.			

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Decrey   D	- 11	_				_						_				_	_	
Deltaring professor   Delta   19.00   19.15   1.00   1.0																		OtisV
Davida																		Ovint Ower
Decreso Decreto Decr																		PG&E
Deletich															148.22			PLDT
Delichar															289.61 133.16			PNC POSC
Denticychemy RRAY   429   -328   Goldmarscher GS   394.39   -307   Linhaholfors   LAD   25   Land   Concentration   10   Land   10   Lan															67.54	-1.13		PPG
Development															324.37			PPL
Decomember   Decome   Decome															106.76			PTC Pacca
Decomposition   Programmer							_									-0.02		Packa
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10															41.10			Pepsi
10   Dover												١.						Perfor Perki
1   Downstripy   DOV   9-12   1-97												1			34.83 <b>42.44</b>	-0.21		Petro
Mary   Dicks   Argon   Program   Mary   Program   Mary	94																	Petro
1														MMP	52.33	-0.70		Petro Pfize
180   Dispose   Dest   2.201   0.48   HighlywoodsProg   HilW   48.87   0.01   Hill   Microsoft   Hill   H																-0.97		Philip
Marathonoli MRO   Marathonol	18		Dropbox													-0.20		Phillip
Dotto:   D													MarathonOil	MRO	26.09	-1.56		Pind
The content of the												Å			88.74			Pinna Pinte
20	37		DutchBros	BROS	52.07	-2.23	Н	londaMotor	HMC	26.45	-0.31	ı				<b>2.13</b> -14.18		Pione
BOOR RSS   EOG   119,49   -320												ľ						Plains
12   PAM Systems EPAM 286.84   -2.77   OR Horton   DR Horton   D				_									Marriott	MAR	184.17	-6.13		Plain: Plane
Second   Color   Col	17		EPAM Systems	EPAM	286.84	-2.77	D	R Horton	DHI	73.26	-1.33	١				4.29 -4.20		Plugi
Bastorwestern   Sept   1333   23   Halamengase   Hamp   122   -0.92												ĺ						Pool
Marging   Marg												ĺ	Masco	MAS	52.16	0.30		Princi Procte
Separa			EastmanChem	EMN	110.46	-0.54					-3.08	١,			364.44	-0.85 <b>-6.96</b>		Procte
												ľ			22.93	<b>-6.96</b> -0.27	٨	Prolo
11   Ecopetrol   EC   17.47   -0.97   BHUIT   J.BH   17.134   -1.22   McCormick   MCD   2.																0.85		Prude
Macking   Maching   Mach																0.28		Prude Public
February   1988   Elanconimal   ELAN   26.05 - 0.23   Hyarthiotes   H   27.96 - 3.24   Hyarthiote												1				-0.60 -0.09		Publi
Bellatist												ľ				0.14		Pulte
Second																0.09		Pures Qiage
Emersonicies   EMIX   96.71   -0.43	60		ElbitSystems	ESLT	217.35	-7.22				19.64	-0.07							Qorve
Mather   M												,			188.07			Qual
Table   Tabl															71.58			Qualt Quant
			Endeavor	EDR	25.32	-0.51										-36.22 -1.53		Ques
Separate   Separate																-2.28	Г	
12   Entegris															280.81	-5.55	H	
			Entegris	ENTG	115.60	-3.08	10	DEX	IEX	196.03						1.97		RELX RPM
Fequinx																0.28		Ralph
Company   Comp														MFG	2.49	-0.03		Range
Equitylife   ECH   31.86   0.44	97		Equinix	EQIX	757.63	-10.54	Ir	ncyte	INCY							-5.62		Raym
Faculty   Facu												1						Rayth Realt
Part																-0.91		Rega
EssentialUtil   WT8K   49.22   -0.61	29	ı	EquityResdntl	EQR	93.24	0.46												Rege
EssexProp   ESS 359.31   3.33   InterContinent   IHG   68.99   -0.44   MonsterBev   Monogard   Mo																		Rege Regio
Stete-lauder   EL   27.95   6.31   Stete-lauder   EL   27.95   6.31   Stete-lauder   Expression   Expressio												ĺ	MonolithicPower	MPWR	415.56	-16.63		Reins
Evergy   E																	-	Relia
EversourceEner ES   93.10   -0.16					101.79	-5.62	Ir	ntlFlavors	IFF	124.85	-0.30	ı				-5.12 -1.70		Repli Repu
EversourceEner ES   93.10   0.16																		ResN
Exelon												ĺ	Mosaic	MOS	68.66	-7.11		Restau
Expedition   Expellas3.39   -2.48   IronMountain   RM   57.58   -0.14   NOV   NOV   NOV   Available   Role   Rol	21		ExactSciences	EXAS	60.98	-4.58	In	ntuitiveSurgical	ISRG	294.57	-8.33	ı						Rexfor
ExpeditorsInt   EXPD   99.53   -0.03												ĺ			205.14 <b>17.15</b>			Ring( RioTi
Stratspacest EXR 21.7.01												ı	NOV	NOV	19.45	-0.68	1	Rivia
PS	37		ExtraSpaceSt	EXR	217.01	-2.94						ĺ			39.74 4411 74			Robe Robir
FMC											-	ĺ						Robic
Fairsac   Fico   Sask6   7-14.9   Jabil   JBL   59,16   0.44   NatiRetailProp NNN   A JackHenry   Fairsac   Fico   Sask6   7-14.9   JackHenry   Jack	51		FMC	FMC	137.01	-2.48						ı	Nasdaq	NDAQ	169.44	-3.37		Rock
Partisade	29		FactSet	FDS	438.41	-4.99						ĺ			75.39 48.05			Rock
FederalRealty   FRT   125.29   -1.19   JacobsEngg   Jaks.16   0.75   NatWest   NWG							J	ackHenry	JKHY	203.65	1.86	ı			65.16			Roger Roku
Additional Content												ĺ	NatWest	NWG	5.89	-0.03		Rollin
	74		FedEx	FDX	206.86	-2.33						ĺ						Rope
FichWattin   FINF   41.69   -1.19   1.19							J	efferiesFin	JEF	33.25	-1.08	1						Ross: Royal
13												ĺ	Neurocrine	NBIX	95.76	-2.36		Royal
12	)3		FidNatlInfo	FIS	103.00							ı			<b>41.15</b>			Roya
FirstHorizon   FHN   23.03   -0.09     KB Fin   KB   48.38   -0.76     NewsCorp   NWS   2.09   FirstRepBank   FRC   15.93   -4.82   NewsCorp   NWS   2.09   FirstSolar   FSLR   74.43   -2.50   KLA   KLA   S3.89   -9.60   NewsCorp   NWS   2.09   KLA   KLA   S3.89   -9.60   NewsCorp   NWS   2.09   KLA   KLA   KLA   S3.89   -9.60   NewsCorp   NWS   2.09   KLA   KLA   KLA   KLA   S3.89   -9.60   NewsCorp   NWS   2.09   KLA   KLA   KLA   KLA   KLA   S3.89   -9.60   NewsCorp   NWS   2.09   NewsCorp   NewsCorp   NewsCorp   NewsCorp   NewsCorp   NewsCorp   Ne							Ju	uniperNetworks	JNPR	36.15	-0.35	ĺ						Royal Ryan
FirstIndRty												ĺ	NewsCorp B	NWS	21.71	-0.48		Ryan
Second   S	79		FirstIndRIty	FR	64.02	-1.30						ı						SAP
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Second Column   Second Colum	54		Fiserv	FISV	101.44	-0.05						ı	NiSource	NI	31.39	-0.71		SK T
Flex   Flex   17.21   -0.41   -0.45												ĺ				-0.06 -0.03		SS&C
Silfork\(\)							K	eysightTechs	KEYS	149.35	-1.87	ı						STAG
NorthernTrust NTRs 11   NorthernTrust NTRs 13	38		Floor&Decor	FND	84.41	-2.73						ĺ	NorfolkSouthern	NSC	269.82	1.91	ĺ	
Fortise   FTNT 321.26-19.32   Fortise   FTS 50.85 - 0.34   Fortive   FTV 59.70 - 0.26   Fortise   FTS 50.85 - 0.34   Fortive   FTV 59.70 - 0.26   FordsandsHome   FBHS 72.71 - 0.18   Fords   FOXA 38.93 - 0.63   FOXA 50.85   FOXA 50.85   FOX 50.8	33		FomentoEconMex		77.70	-0.70						ĺ					ĺ	_
Fortis FTS 50.85 -0.34   KinrossGold KgC 5.72 -0.28   NorwegCruise NCLH 2 Kinght-Swift KNX 49.00 0.84   Novartis NVS 15   Fortise FBMS 72.71 0.18   Kinght-Swift KNX 49.00 0.84   Novartis NVS 15   Kohl's KSS 58.61 0.97   NovoNordisk NVO 11   NovoNordisk NVO 11   NovoNordisk NVO 11   Novartis NVS 16   Novartis NVS 18   Novartis NVS 18							١K	(inderMorgan	KMI	19.79	0.02	ı					ĺ	c-
Fortive   FTV   59,70   0.26   Knight-swift   KNX   49,00   0.84   Novartis   NVS   Rother   FMS   72,71   0.18   FoxA   FOXA   38,93   0.63   FoxA   FOXA   38,93   0.63   FoxA   FOXA   38,88   0.00   FoxA   Fo												ĺ	NorwegCruise	NCLH	21.84	-0.18	ĺ	Cā
Fox   Fox   Fox   Sass   Fox   Fox   Sass   Fox   Fox   Sass   Fox   Sass   Fox   Sass   Fox			Fortive	FTV	59.70	-0.26						ĺ			89.95		ĺ	The
FoxB   Fox   35.88   -0.00   NoreaElcPvr   KEP   8.65   -0.01   NuHoldings   Nu							K	ConinklijkePhil	PHG	30.46	0.57	ĺ					ĺ	con
Franco-Nevada FNV   162,56   5,45   Krattleinz   KHC   44,00   0.65   Nucor   NUE   17   Nucor   NUE   18   NUCor   NUE   18   NUCor   NUE   18   NUCor   NUE   18   NUCor   NUE   NUCOR   NUCOR   NUE   NUCOR   N			FoxB	FOX	35.88	-0.60	K	CoreaElcPwr	KEP			ĺ	NuHoldings	NU	6.89	-0.27	ĺ	
FreeportMM FCX 44,95 -4,95   LKQ   LKQ   49,98 - 0,76   LPL Financial LPLA 201,96-15,94   NVDIA   NVDIA 213HarrisTech LHX 246.09-11.73					162.56	-5.45						٨					ĺ	exc
FreseniusMed <b>FMS</b> 34.14 -0.07 LPL Financial LPLA 201.96-15.94 NVIDIA NVDA 2							L	KQ	LKQ	49.98	-0.76	ĺ					ĺ	mo
L3HarrisTech <b>LHX</b> 246.09 -11.73	-											ı					ĺ	_
	-	J										ı	0				ĺ	

FreseniusMed FM			LPL Financial LPL	<b>A</b> 201.96 -:	15.94	NVIDIA	NVDA	201.83	-12 99
rreseniusivieu riv	3 34.14	-0.07	L3HarrisTech LHX	246.09 -	11.73	ITTIDIA	HVDA	201.05	12.77
G H			LabCorp.ofAmerica <b>LH</b>	276.30		0	Р (	Q	
			LamResearch LRC)						
GFLEnvironmental <b>GF</b>	L 33.21	-0.32	LamarAdv <b>LAMF</b>	R 116.64	-0.71	I OGE Energy	OGE	42.28	-0.05
Gallagher AJ	<b>G</b> 184.15	0.25	LambWeston LW	68.66	-0.49	I ONEOK	OKE	71.47	-2.15
GameStop GN	IE 141.56	-7.29	LasVegasSands LVS	37.21	-1.30	OReillyAuto	ORLY	728.15	-15.71
Gaming&Leisure GL	PI 47.49	-0.39	Lear <b>LEA</b>	134.08	0.03	I OccidentalPetro	OXY	59.20	-2.27
Garmin GRI	<b>MN</b> 113.23	-1.45	Leidos LDOS	109.78	-0.09	Okta	OKTA	138.77	-5.99
Gartner IT	304.76	-5.25	Lennar B LEN.E	67.12	-0.90	Olaplex	OLPX	13.92	-1.63
Generac GN	RC 241.00	-18.73	Lennar A LEN	79.02	-0.79	OldDomFreight	ODFL	275.08	-1.82
GeneralDynamics GD	242.06	-5.63	LennoxIntl LII	252.28	1.51	Olin	OLN	57.03	-2.27
GeneralElec GE	91.72	0.32	LeviStrauss LEVI	19.78	-0.06	Omnicom	OMC	81.42	-3.00
GeneralMills GIS	73.19	0.36	LiAuto LI	22.47	-1.02	OnHolding	ONON	26.14	0.09
GeneralMotors GN	40.71	-1.01	! LibertyBroadbandC LBRD!	(131.40	-3.83	ON Semi	ON	53.26	-2.14
Genmab GM	<b>AB</b> 37.48	-0.52	LibertyBroadbandA LBRDA	126.43	-4.49	OpenText	OTEX	42.10	-0.41
Genpact G	42.12	-0.54	LibertyGlobal A LBTYA	24.39	-0.67	Oracle	ORCL	79.48	-0.81
GenuineParts GP	C 138.13	0.46	LibertyGlobal C LBTY	25.20	-0.73	Orange	ORAN	11.94	-0.17
Gerdau GG	<b>B</b> 6.03	-0.22	1 LibertyFormOne A FWON	63.15	0.87	Organon	OGN	32.77	-0.58
GileadSciences GIL	<b>.D</b> 63.75	0.15	1 LibertyFormOne C FWONI	69.35	0.72	Orix	IX	92.69	-1.66
						-			

#### **Borrowing Benchmarks**

March index Chg From (%) level Feb. '22 March '21

wsj.com/market-data/bonds/benchmarks

#### **Money Rates**

Key annual interest rates paid to borrow or lend money in U.S. and international markets. Rates below are a don't always represent actual transactio

U.S. consumer price index												
All items Core		.504 .305	1.34 0.43	8.5 6.5								
International rates												
	Latest	Week ago	<sup>—</sup> 52- High	Week – Low								
Prime rate	s											
U.S.	3.50	3.50	3.50	3.25								
Canada	3.20	2.70	3.20	2.45								
Japan	1.475	1.475	1.475	1.475								
Policy Rate	es											
Euro zone	0.00	0.00	0.00	0.00								
Switzerland	0.00	0.00	0.00	0.00								

0.75 0.10 0.10 0.10 0.10 Overnight repurchase **0.27** 0.28 0.30 -0.02 U.S. government rates

Britain

0.75 0.75 0.10

Discount **0.50** 0.50 0.50 0.25 Federal funds Effective rate **0.3500** 0.3400 0.3500 0.0500 High **0.4500** 0.4000 0.4500 0.0700 **0.3300** 0.3000 0.3300 0.0100

**U.S. prime rate** is the base rate on corporate loans posted by at least 70% of the 10 largest

U.S. banks, and is effective March 17, 2022. Other prime rates aren't directly comparable; lending practices vary widely by location; **Discount rate** is effective March 17, 2022. Secured Overnight Financing Rate is as of April 20, 2022. DTCC GCF Repo Index is Depository Trust & Clearing Corp.'s weighted average for overnight trades in applicable CUSIPs. Value traded is in billions of U.S. dollars. **Federal-funds** rates are Tullett Prebon rates as of 5:30 p.m. ET Sources: Federal Reserve; Bureau of Labor Statistics; DTCC; FactSet; Tullett Prebon Information, Ltd.

re a guide ctions.	e to general levels but
	Week —52-WEEK— Latest ago High Low
Bid	<b>0.3200</b> 0.3300 0.7000 0.0300
Offer	<b>0.3400</b> 0.3500 0.3800 0.0500
Treasury	bill auction
4 weeks	<b>0.500</b> 0.370 0.500 0.000
13 weeks	<b>0.860</b> 0.785 0.860 0.015
26 weeks	<b>1.250</b> 1.220 1.250 0.030
S	econdary market
Fannie M	ae

30 days **4.646** 4.394 4.646 2.216 **4.735** 4.463 4.735 2.261 60 days Other short-term rates Week Latest ago high

**2.25** 2.25 2.20

1.55671 1.72157 0.14663

30-year mortgage yields

Call money

Six month

Commercial paper (AA financial) **1.09** 0.86 1.12 0.04 90 days Libor 0.66786 0.59443 0.66786 0.07263 Three month 1.18400 1.06271 1.18400 0.11413

2.22157 2.44043 0.21950 One year 2.44043 **Secured Overnight Financing Rate** 0.27

1.72157

Value – 52-Week – Traded High Low Latest **DTCC GCF Repo Index 0.254** 23.180 0.307 -0.006 **0.304** 26,500 0.328 0.004 MBS Weekly survey

Latest Weekago Yearago

Freddie Mac 30-year fixed 15-year fixed 5.11 5.00 4.38 4.17 Five-year ARM 3.75 3.69

OtisWorldwide			-0.31		IVB 503.13		TransDigm		634.16	-9.18
Ovintiv	ovv	53.58			RM 177.23		TransUnion	TRU	91.17	-4.26
OwensCorning		87.47			NY 55.23		Travelers		176.26	
PG&E	PCG	12.37				-0.39	Trimble		68.95	-1.41
PLDT	PHI PNC	36.06		Schlumberger SI			Trip.com		21.55 52.11	
PNC Fin POSCO	PKX	177.58 58.54			CHW 73.27		TruistFinl Twilio	TFC	124.84	
PPG Ind		133.15	1.45	Sea Si Seagate S'	E 91.22 TX 84.25		Twitter		47.08	0.36
PPL	PPL	30.37	0.20		GEN 141.44		TylerTech		396.85	
PTC	PTC	101.45			EE 68.18		TysonFoods	TSN	97.79	
Paccar	PCAR	88.10	0.50		RE 170.43		UBS Group	UBS	17.49	
PackagingCpAm	PKG	166.03	-0.94	SensataTechs S			UDR	UDR	59.45	0.39
PalantirTech	PLTR	12.33	-0.46	SentinelOne S			UGI	UGI	37.35	-0.09
PaloAltoNtwks	PANW	592.00	-34.17		CI 70.81		US Foods	USFD	38.35	0.69
ParamountA	PARAA	34.47	-0.90	ServiceNow N	<b>IOW</b> 491.67	-13.55	Uber		31.68	-1.53
		32.31		ShawComm B S.	JR 30.82	-0.23	Ubiquiti		291.14	
ParkerHannifin		286.97			<b>HEL</b> 56.71		! UiPath		18.04	-1.05
Paychex		138.32		SherwinWilliams SI			1 UltaBeauty		421.43	
PaycomSoftware			-8.01			-0.45	Unilever	UL	45.54	0.12
Paylocity		190.90			HOP 481.00		UnionPacific		244.40	
PayPal		89.40	-5.50	Sibanye-Stillwater SE			UnitedAirlines			4.33
PembinaPipeline			-1.01	SignatureBank SI			UnitedMicro	UMC		-0.11
PenskeAuto Pentair	PAG PNR	97.69 53.39	-3.81 -0.72	SimonProperty SI		-1.74	UPS B UnitedRentals		188.80 337.72	
Penumbra		197.40			IRI 6.35 WKS 118.13	-0.06		USB	52.64	
PepsiCo	PEN	174.84			OS 66.30	-2.00	US Steel	Х	34.67	-2.24
PerformanceFood				Smith&Nephew S		1.17	UnitedTherap			2.96
PerkinElmer	PKI	159.47			JM 143.66	0.02	UnitedHealth			
PetroChina	PTR	48.99			NAP 29.42		UnitySoftware		78.70	-5.07
PetroleoBrasil		14.58			NA 226.19		UniversalHealthB			
PetroleoBrasilA	PBR.A	13.11	-0.57		NOW 175.14		VF	VFC	56.49	
Pfizer	PFE	49.11	-0.64	SOQUIMICH S	QM 78.82	-7.43	VICI Prop	VICI	30.12	-0.05
PhilipMorris	PM	105.06	2.01	SolarEdgeTech SI			VailResorts	MTN	255.81	-4.57
Phillips66	PSX	85.95			ONY 88.15	-0.92	Vale		17.65	
Pinduoduo	PDD	34.75	-2.56	Southern So	O 76.46		ValeroEnergy			
PinnacleWest		77.90			CCO 68.17	-3.62	VeevaSystems			
Pinterest	PINS	20.23		SouthwestAir LI		1.05	Ventas	VTR	60.02	
PioneerNatRscs				SouthwesternEner S		-0.44	VeriSign		212.55	-6.88
PlainsAllAmPipe PlainsGP			-0.09		PLK 125.86		VeriskAnalytics			-1.95
PlainsGP PlanetFitness	PAGP				POT 112.62		Verizon VertxPharm	VZ	55.01 281.71	0.60
PlugPower		22.85	-1.97 -3.78	StanleyBlackDck S		-0.03	Viatris		10.65	
PiugPower Pool		427.19			BUX 78.96	-1.21	Visa		216.45	
PrincipalFin	PFG	75.02			TT 74.58		Vistra	VST	25.74	
Procter&Gamble		162.61		SteelDynamics S		1.75	VMware		110.32	
Progressive		113.02			TLA 14.38 TE 247.91		Vodafone	VOD	16.82	-0.12
Prologis	PLD	170.78			TM 38.18		VornadoRealty		41.93	-0.20
PrudentialFin		119.86			YK 270.03		VulcanMatls		181.37	-1.26
Prudential	PUK	27.92		SumitomoMits SI			347			
PublicServiceEnt	PEG	74.67	-0.06		UI 190.59		W 2	<u> </u>	Z	
PublicStorage	PSA			SunLifeFinancial SI			WEC Energy	WEC	105.76	0.36
PulteGroup	PHM	43.31		SuncorEnergy SI	<b>U</b> 33.30	-1.22	WEX		169.94	
PureStorage		30.20		Suzano SI	<b>UZ</b> 10.97	-0.35	W.P.Carey	WPC	85.40	
Qiagen		46.24			WCH 30.19		WPP	WPP	65.85	0.39
Qorvo		113.59		SynchronyFin S	<b>YF</b> 39.80		Wabtec	WAB	92.52	-1.34
		12/11								
Qualcomm		136.11		SyneosHealth S			WalgreensBoots	WBA	46.81	0.27
QualtricsIntl	XM	24.34	-1.24	Synopsys SI	NPS 295.50	-10.76	Walmart	WMT	159.87	0.24
QualtricsIntl <b>QuantaServices</b>	XM PWR	24.34 <b>125.27</b>	-1.24 <b>-12.57</b>	Synopsys SI			Walmart WarnerBrosA	WMT WBD	159.87 <b>21.45</b>	0.24 <b>-1.56</b>
QualtricsIntl	XM PWR	24.34	-1.24	Synopsys Si Sysco Si	NPS 295.50 YY 89.74	-10.76	Walmart WarnerBrosA WarnerMusic	WMT WBD WMG	159.87 <b>21.45</b> 31.88	0.24 <b>-1.56</b> -0.79
QualtricsIntl <b>QuantaServices</b>	XM PWR DGX	24.34 <b>125.27</b>	-1.24 <b>-12.57</b>	Synopsys Si Sysco Si T U	NPS 295.50 YY 89.74	-10.76 0.64	WarnerBrosA WarnerMusic WasteConnections	WMT WBD WMG WCN	159.87 <b>21.45</b> 31.88 139.37	0.24 <b>-1.56</b> -0.79 -0.60
QualtricsIntl <b>QuantaServices</b> QuestDiag	PWR DGX	24.34 125.27 141.64	-1.24 <b>-12.57</b> 3.19	Synopsys Si Sysco ST U	NPS 295.50 YY 89.74 J V RP 58.15	-10.76 0.64 0.34	Walmart WarnerBrosA WarnerMusic WasteConnections WasteMgt	WMT WBD WMG WCN WM	159.87 <b>21.45</b> 31.88 139.37 161.16	0.24 <b>-1.56</b> -0.79 -0.60 0.57
QualtricsIntl QuantaServices QuestDiag RELX	PWR DGX RELX	24.34 125.27 141.64 30.96	-1.24 - <b>12.57</b> 3.19 -0.39	Synopsys Si Sysco Si T U  TC Energy TD Synnex Si	NPS 295.50 YY 89.74 J V RP 58.15 NX 103.28	-10.76 0.64 0.34 -1.27	Walmart  WarnerBrosA  WarnerMusic  WasteConnections  WasteMgt  Waters	WMT WBD WMG WCN WM WAT	159.87 <b>21.45</b> 31.88 139.37 161.16 307.38	0.24 <b>-1.56</b> -0.79 -0.60 0.57 -6.26
QualtricsIntl QuantaServices QuestDiag RELX RPM	PWR DGX S RELX RPM	24.34 125.27 141.64 30.96 87.43	-1.24 -12.57 3.19 -0.39 -0.79	Synopsys Sill Sysco State Connectivity Till Synnex TE Connectivity Till Synopsys TE Connectivity Till Synopsys Sill Synopsys Sil	NPS 295.50 YY 89.74 J V RP 58.15 NX 103.28 EL 126.02	-10.76 0.64 0.34 -1.27 -0.65	Walmart WarnerBrosA WarnerMusic WasteConnections WasteMgt Waters Watsco	WMT WBD WMG WCN WM WAT WSO	159.87 <b>21.45</b> 31.88 139.37 161.16 307.38 299.34	0.24 <b>-1.56</b> -0.79 -0.60 0.57 -6.26 12.76
QualtricsIntl QuantaServices QuestDiag  RELX RPM RalphLauren	XM PWR DGX RELX RPM RL	24.34 125.27 141.64 30.96 87.43 114.24	-1.24 -12.57 3.19 -0.39 -0.79 -1.14	Synopsys Sill Sysco Sill T U  TC Energy TI TD Synnex Sill TE Connectivity TI Telus Till Telus	NPS 295.50 YY 89.74 J V RP 58.15 NX 103.28 EL 126.02 U 26.80	-10.76 0.64 0.34 -1.27 -0.65 -0.35	Walmart     WarnerBrosA     WarnerMusic     WasteConnections     WasteMgt     Waters     Watsco     Wayfair	WMT WBD WMG WCN WM WAT WSO	159.87 <b>21.45</b> 31.88 139.37 161.16 307.38 299.34 92.72	0.24 -1.56 -0.79 -0.60 0.57 -6.26 12.76 -4.37
QualtricsIntl QuantaServices QuestDiag  RELX RPM RalphLauren RangeResources	PWR DGX RELX RPM RL RRC	24.34 2 <b>125.27</b> 141.64 30.96 87.43 114.24 31.66	-1.24 -12.57 3.19 -0.39 -0.79 -1.14 -1.31	Synopsys SI Sysco S' T U TC Energy TI TD Synnex SI TE Connectivity TI Telus Ti Ternium T	NPS 295.50 YY 89.74 J V RP 58.15 NX 103.28 EL 126.02 U 26.80 X 46.09	-10.76 0.64 0.34 -1.27 -0.65 -0.35 -1.60	I Walmart  WarnerBrosA WarnerMusic WasteConnections WasteMgt Waters Watsco  Wayfair WebsterFin	WMT WBD WMG WCN WM WAT WSO W	159.87 <b>21.45</b> 31.88 139.37 161.16 307.38 299.34 92.72 51.86	0.24 <b>-1.56</b> -0.79 -0.60 0.57 -6.26 12.76 -4.37 -1.09
QualtricsIntl QuantaServices QuestDiag RELX RPM RalphLauren RangeResources RaymondJames	PWR DGX RELX RPM RL RRC RJF	24.34 125.27 141.64 30.96 87.43 114.24 31.66 109.76	-1.24 -12.57 3.19 -0.39 -0.79 -1.14 -1.31 -4.03	Synopsys Silvers Sysco S'S'  T U  TC Energy TI TD Synnex Silvers Silve	NPS 295.50 YY 89.74 J V RP 58.15 NX 103.28 EL 126.02 U 26.80 X 46.09 FFII 86.25	-10.76 0.64 0.34 -1.27 -0.65 -0.35 -1.60 -0.80	I Walmart  WarnerBrosA WarnerMusic WasteConnections WasteMgt Waters Watsco  Wayfair WebsterFin WellsFargo	WMT WBD WMG WCN WM WAT WSO W WBS WFC	159.87 21.45 31.88 139.37 161.16 307.38 299.34 92.72 51.86 47.78	0.24 <b>-1.56</b> -0.79 -0.60 0.57 -6.26 12.76 -4.37 -1.09 -0.87
QualtricsIntl QuantaServices QuestDiag RELX RPM RalphLauren RangeResources RaytheonTech	PWR DGX RELX RPM RL RRC RJF RTX	24.34 125.27 141.64 30.96 87.43 114.24 31.66 109.76 101.73	-1.24 -12.57 3.19 -0.39 -0.79 -1.14 -1.31 -4.03 -3.24	Synopsys Silvers Sysco Silvers Sysco Silvers Sysco Silvers Silvers Sysco Silvers Silvers Sysco Silvers Sysco Silvers Sysco Silvers Sysco Silvers Sysco Silvers Sysco Silvers Silvers Sysco Silvers Sysco Silvers Sysco Silvers Sysco Silvers Silvers Silvers Silvers Sysco Silvers	NPS 295.50 YY 89.74 J V RP 58.15 NX 103.28 EL 126.02 U 26.80 X 46.09 FII 86.25 JX 65.94	-10.76 0.64 0.34 -1.27 -0.65 -0.35 -1.60 -0.80 -0.84	I Walmart  MarnerMusic WasteConnections WasteMgt Waters Watsco  Wayfair WebsterFin WellsFargo Welltower	WMT WBD WMG WCN WM WAT WSO W WBS WFC	159.87 21.45 31.88 139.37 161.16 307.38 299.34 92.72 51.86 47.78 97.30	0.24 <b>-1.56</b> -0.79 -0.60 0.57 -6.26 12.76 -4.37 -1.09 -0.87 -0.21
QualtricsIntl QuantaServices QuestDiag  RELX RPM RalphLauren RangeResources RaymondJames RaytheonTech RealtyIncome	RELX RPM RL RRC RJF RTX	24.34 125.27 141.64 30.96 87.43 114.24 31.66 109.76 101.73 74.56	-1.24 -12.57 3.19 -0.39 -0.79 -1.14 -1.31 -4.03 -3.24 -0.37	Synopsys Signature System System Signature System Signature Signat	NPS 295.50 YY 89.74 J V RP 58.15 NX 103.28 EL 126.02 U 26.80 X 46.09 FII 86.25 JX 65.94 MUS 132.10	-10.76 0.64 0.34 -1.27 -0.65 -0.35 -1.60 -0.80 -0.84 -0.60	I Walmart  WarnerBrosA WarnerMusic WasteConnections WasteMgt Waters Watsco  Wayfair WebsterFin WellsFargo	WMT WBD WMG WCN WM WAT WSO W WBS WFC WELL WFG	159.87 21.45 31.88 139.37 161.16 307.38 299.34 92.72 51.86 47.78 97.30 87.64	0.24 -1.56 -0.79 -0.60 0.57 -6.26 12.76 -4.37 -1.09 -0.87 -0.21 -1.15
QualtricsIntl QuantaServices QuestDiag RELX RPM RalphLauren RangeResources RaytheonTech	RELX RPM RL RRC RRC RTX O	24.34 125.27 141.64 30.96 87.43 114.24 31.66 109.76 101.73 74.56 142.94	-1.24 -12.57 3.19 -0.39 -0.79 -1.14 -1.31 -4.03 -3.24 -0.37 -1.09	Synopsys Since Sysco Since Sysco Since Since Sysco Since Sin	NPS 295.50 YY 89.74 J V RP 58.15 NX 103.28 EL 126.02 U 26.80 X 46.09 FII 86.25 JX 65.94 MUS 132.10 PG 27.02	-10.76 0.64 0.34 -1.27 -0.65 -0.35 -1.60 -0.80 -0.84 -0.60 <b>-1.50</b>	I Walmart  WarnerMosia WarnerMusic WasteConnections WasteMgt Waters Watsco  Wayfair WebsterFin WellsFargo WellsFargo WeltraserTimber	WMT WBD WMG WCN WM WAT WSO W WBS WFC WELL WFG	159.87 21.45 31.88 139.37 161.16 307.38 299.34 92.72 51.86 47.78 97.30 87.64 365.14	0.24 <b>-1.56</b> -0.79 -0.60 0.57 -6.26 12.76 -4.37 -1.09 -0.87 -0.21 -1.15 -6.61
QualtricsIntI QuantaServices QuestDiag RELX RPM RalphLauren RangeResources RaytheonTech RealtyIncome Regal(Rexnord RegencyCtrs RegencyCtrs RegencyCtrs	RELX RPM RL RRC RJF RTX O RRX REG REGN	24.34 2 125.27 141.64 30.96 87.43 114.24 31.66 109.76 101.73 74.56 142.94 72.51 706.11	-1.24 -12.57 3.19 -0.39 -0.79 -1.14 -1.31 -4.03 -3.24 -0.37 -1.09 -0.21 -13.51	Synopsys Si Sysco S'	NPS 295.50 YY 89.74 J V RP 58.15 NX 103.28 EL 126.02 U 26.80 X 46.09 FII 86.25 JX 65.94 MUS 132.10	-10.76 0.64 0.34 -1.27 -0.65 -0.35 -1.60 -0.80 -0.84 -0.60	I Walmart WarnerBrosA WarnerMusic WasteConnections WasteMgt Waters Waters Watsco I Wayfair WebsterFin WellsFargo Welltower WestFaserTimbe WestPharmSvcs WestAllianceBgc WesterDigital	WMT WBD WMG WCN WM WAT WSO WBS WFC WELL WFG WST WAL	159.87 21.45 31.88 139.37 161.16 307.38 299.34 92.72 51.86 47.78 97.30 87.64 365.14 76.20 50.24	0.24 -1.56 -0.79 -0.60 0.57 -6.26 12.76 -4.37 -1.09 -0.87 -0.21 -1.15 -6.61 -2.56 0.74
QualtricsIntl QuantaServices QuestDiag  RELX RPM RalphLauren RangeResources RaytheonTech RealtyIncome RegalRexnord RegenPharm RegionsFin	RELX RPM RL RRC RJF RTX O RRX REG REGN RF	24.34 125.27 141.64 30.96 87.43 114.24 31.66 109.76 101.73 74.56 142.94 72.51 706.11 21.54	-1.24 -12.57 3.19 -0.39 -0.79 -1.14 -1.31 -4.03 -3.24 -0.37 -1.09 -0.21 -13.51 -0.43	Synopsys Si Sysco S'	NPS 295.50 YY 89.74 J V RP 58.15 NX 103.28 EL 126.02 U 26.80 X 46.09 FII 86.25 JX 65.94 MUS 132.10 PG 27.02 ROW 139.58 97.66	-10.76 0.64 0.34 -1.27 -0.65 -0.35 -1.60 -0.80 -0.84 -0.60 <b>-1.50</b> -3.82	I Walmart I WarnerBrosA WarnerMusic WasteConnections WasteMgt Waters Waters Watsco I Wayfair WebsterFin WellsFargo Welltower WestFraserTimbe WestPharmSvcs WestAllianceBcp WesternDigita	WMT WBD WMG WCN WM WAT WSO WES WFC WELL WFG WST WAL WDC	159.87 21.45 31.88 139.37 161.16 307.38 299.34 92.72 51.86 47.78 97.30 87.64 365.14 76.20 50.24 26.16	0.24 -1.56 -0.79 -0.60 0.57 -6.26 12.76 -4.37 -1.09 -0.87 -0.21 -1.15 -6.61 -2.56 0.74 -0.65
QualtricsIntl QuantaServices QuestDiag  RELX RPM RalphLauren RangeResources RaymondJames RaytheonTech RealtyIncome RegalRexnord RegencyCtrs RegencyCtrs RegensFin RelinsGrp	RELX RPM RL RRC RJF RTX O RRX REG REGN RF	24.34 125.27 141.64 30.96 87.43 114.24 31.66 109.76 101.73 74.56 142.94 72.51 706.11 21.54 116.26	-1.24 -12.57 3.19 -0.39 -0.79 -1.14 -1.31 -4.03 -3.24 -0.37 -1.09 -0.21 -13.51 -0.43 -2.75	Synopsys Si Sysco S'  T U TC Energy TD Synnex Si TE Connectivity Ti Telus TErnium T: TEINIUM TI TYJX T. T-MobileUS TI TROwePrice Ti TakeTwoSoftware Ti TakeTwoSoftware Ti TakedaPharm Ti TakedaPharm Ti	NPS 295.50 YY 89.74 J V RP 58.15 NX 103.28 EL 126.02 U 26.80 X 46.09 FII 86.25 JMUS 132.10 PG 27.02 ROW 139.58 STOROW 139.58 TWO 131.53 AK 14.55	-10.76 0.64 0.34 -1.27 -0.65 -0.35 -1.60 -0.84 -0.60 <b>-1.50</b> -3.82 -1.35 -5.81 -0.13	I Walmart  WarnerBrosA WarnerMusic WasteConnections WasteMgt Waters Watsco  I Wayfair WebsterFin WellsFargo Welltower WestFraserTimbe WestPharmSvcs WestAllianceBcp WesternDigital WesternMidstrm I Westlake	WMT WBD WMG WCN WM WAT WSO WES WFC WELL WFG WST WAL WDC WES WLK	159.87 21.45 31.88 139.37 161.16 307.38 299.34 92.72 51.86 47.78 97.30 87.64 365.14 76.20 50.24 26.16 130.52	0.24 -1.56 -0.79 -0.60 0.57 -6.26 12.76 -4.37 -1.09 -0.87 -0.21 -1.15 -6.61 -2.56 0.74
QualtricsInt1 QuantaServices QuestDiag  RELX RPM RalphLauren RangeResources RaymondJames RaymondJames RaymondJames RaymondJames RayneonEne RegalRexnord RegalRexnord RegensQtTs RegensQtTs RegensPharm RegionsFin ReliansGrp RelianceSteel	RELX RPM RL RRC RJF RTX O RRX REG REGN RF RGA RS	24.34 125.27 141.64 30.96 87.43 114.24 31.66 109.76 101.73 74.56 142.94 72.51 706.11 21.54 116.26 197.23	-1.24 -12.57 3.19 -0.39 -0.79 -1.14 -1.31 -4.03 -3.24 -0.37 -1.09 -0.21 -13.51 -0.43 -2.75 -3.40	Synopsys Si Sysco S  T  TC Energy TC Energy TC Synnex Si TE Connectivity Ti Telus TE-Intul TFI Intul TJX T-MobileUS TPG TalwanSeen Ti TalwanSeen Ti TakedaPharm Ti	NPS 295.50 YY 89.74 J V  RP 58.15 NX 103.28 EL 126.02 U 26.80 X 46.09 SIJX 65.94 MUS 132.10 PROW 139.58 SM 97.66 TWO 131.53 AK 14.55 PR 34.54	-10.76 0.64 0.34 -1.27 -0.65 -0.35 -1.60 -0.80 -0.84 -0.60 <b>-1.50</b> -3.82 -1.35 -5.81 -0.13 -0.42	I Walmart WarnerBrosA WarnerMusic WasteConnections WasteMgt Waters Waters Watsco I Wayfair WebsterFin WellsFargo Welltower WestFaseTimbe WestPharmSvcs WestAllianceBgc WesternDigita WesternMidstrm I Westlake WestBlace WestBlace WestBlace WestBlace WestBlace WestRock	WMT WBD WMG WCN WM WAT WSO WFC WELL WFC WST WAL WDC WES WLK WRK	159.87 21.45 31.88 139.37 161.16 307.38 299.34 47.78 97.30 87.64 365.14 76.20 50.24 26.16 130.52 52.20	0.24 -1.56 -0.79 -0.60 0.57 -6.26 12.76 -4.37 -1.09 -0.87 -0.21 -1.15 -6.61 -2.56 0.74 -0.65 0.32
QualtricsInt1 QuantaServices QuestDiag  RELX RPM RalphLauren RalphLauren RangeResources RaymondJames RaytheonTech RegengCtrs RegengPharm RegionsFin RelinsGrp RelinaceSteel Repligen	RELX RPM RL RRC RJF RTX O RRX REG REGN RF RGA RS	24.34 125.27 141.64 30.96 87.43 114.24 31.66 109.76 101.73 74.56 142.94 72.51 706.11 21.54 116.26 197.23 153.47	-1.24 -12.57 3.19 -0.39 -0.79 -1.14 -1.31 -4.03 -3.24 -0.37 -1.09 -0.21 -0.43 -2.75 -3.40 -2.72	Synopsys Si Sysco S'  T U  T C Energy TI TO Synnex Si TE Connectivity TI Telus TEILIST TI TEILIST TI TIFI Intl TI TIYA T. T-MobileUS TI TIPG TI TIAE Was Ordoware TI Takeda Pharm TI Takeda Pharm TI Takestry TI Targa Resources TI Targa Resourc	NPS 295.50 YY 89.74  J V  RP 58.15 NX 103.28 EL 126.02 U 26.80 X 46.09 FII 86.25 JJX 65.94 MUS 132.10 PG 27.02 RPM 97.66 TWO 131.53 AK 14.55 PR 34.54 RGP 78.63	-10.76 0.64 -1.27 -0.65 -0.35 -1.60 -0.80 -0.84 -0.60 -1.50 -3.82 -1.35 -5.81 -0.13 -0.42 -2.00	I Walmart  WarnerBrosA WarnerMusic WasteConnections WasteMgt Waters Watsco I Wayfair WebsterFin WellsFargo WeltTower WestFraseTimbe WestPharmSvcs WestAllianceBcp WesternDigita WesternDigita WesterNDigita WesterNidstrm WestRock WestRock Weyerhaeuser	WMT WBD WMG WCN WM WAT WSO WESL WFC WELL WFG WST WAL WDC WES WLK WKK WKK	159.87 21.45 31.88 139.37 161.16 307.38 299.34 92.72 51.86 47.78 97.30 87.64 365.14 76.20 50.24 26.16 26.16 26.16 27.16 28.16 29.16 20.	0.24 -1.56 -0.79 -0.60 0.57 -6.26 12.76 -4.37 -1.09 -0.87 -0.21 -1.15 -6.61 -2.56 0.74 -0.65 0.32  -0.40
Qualtrissinti QuantaServices QuestDiag RELX RPM RalphLauren RangeResources RaymondJames RaytheonTech RegalRexnord RegalRexnord RegencyCtrs RegencyCtrs RegencyCtrs RegensPharm RegionsFin RelianceSteel Repligen RepublicSvcs	RELX RPM RL RRC RJF RTX O RRX REG RF RGA RS RGEN RSG	24.34 125.27 141.64 30.96 87.43 114.24 31.66 109.76 101.73 74.56 142.94 72.51 706.11 21.54 116.26 197.23 153.47 134.81	-1.24 -12.57 3.19 -0.39 -0.79 -1.14 -1.31 -4.03 -3.24 -0.37 -1.09 -0.21 -1.51 -1.51 -2.75 -3.40 -2.75 -3.40 -2.72	Synopsys Si Sysco S  T  T  TC Energy TO Synnex Si TE Connectivity Ti Telris TE- Ternium T: TEINIUM TI TY TY TY TY TAMOBILEUS TI TROWEPTICE TI TakedaPharm Ti TakedaPharm Ti TakedaPharm Ti TakedaPharm Ti TagaResourcs Ti 1 TargaResourcs Ti	NPS 295.50 YY 89.74 J V RP 58.15 NX 103.28 EL 126.02 U 26.80 X 66.94 MUS 132.10 PG 27.02 ROW 139.58 SM 97.66 TWO 131.53 AK 14.55 PR 34.54 AK 14.55 PR 34.54 AK 14.55	-10.76 0.64 -1.27 -0.65 -0.35 -1.60 -0.80 -0.84 -0.60 -1.50 -3.82 -1.35 -5.81 -0.13 -0.42 -2.00 -1.15	Walmart     WarnerBrosA WarnerMusic WasteConnections WasteMgt Waters Waters Watsco      Wayfair WebsterFin WellsFargo WeltDwer WestPharmSves WestAlliansves WestAllian	WMT WBD WMG WCN WM WAS WFC WELL WFG WST WAL WDC WES WLK WRK WY	159.87 21.45 31.88 139.37 161.16 307.38 299.34 92.72 51.86 47.78 97.30 87.64 365.14 76.20 50.24 26.16 130.52 52.20 41.73 49.12	0.24 -1.56 -0.79 -0.60 0.57 -6.26 12.76 -4.37 -1.09 -0.87 -0.21 -1.15 -6.61 -2.56 0.74 -0.65 0.32  -0.40 -2.59
DualtricsInt1 QuantaServices QuestDiag  RELX RPM RalphLauren RangeResources RaymondJames RaytheonTech RegelRexnord RegencyCtrs RegensFin RelinsGrp RelinsGrp RelinsGrp RepublicSvcs RepublicSvcs ResMed	XM i PWR DGX  RELX RPM RL RRC RRC RTX O RRX REG REGN RF RGA RS RGEN RSG RMD	24.34 125.27 141.64 30.96 87.43 114.24 31.66 109.76 101.73 74.56 142.94 72.51 706.11 21.54 116.26 197.23 153.47 134.81 239.00	-1.24 -0.39 -0.79 -1.14 -1.31 -4.03 -3.24 -0.37 -1.09 -0.21 -13.51 -0.43 -2.75 -3.40 -3.40 -3.24 -0.49 -0.49 -0.49 -0.49 -0.40	Synopsys Si Sysco S  T U  TC Energy TC Energy TG Synnex Si TE Connectivity Ti Telus TE-Intil TJX TFI Inti TJX T-MobileUS TFG TRowePrice TalwanSemi TakeRwoSoftware TakeRwoSoftware Tapestry Tapaestry Tagagesources Ti Target Target Targat Targat Targat Targat TataMotors T	NPS 295.50 YY 89.74  J V  RP 56.12 126.02 U 26.80 X 46.09 FFII 86.25 JX 65.94 MWS 132.10 PG 27.02 RS M 97.66 TWO 131.53 AR 14.55 PK 34.54 RGP 78.63 GT 248.17 TTM 28.91	-10.76 0.64 0.34 -1.27 -0.65 -0.35 -1.60 -0.80 -0.84 -0.60 -1.50 -3.82 -1.35 -5.81 -0.13 -0.42 -0.42 -0.42 -0.08	I Walmart WarnerBrosA WarnerMusic WasteConnections WasteMgt Waters Waters Watsco I Wayfair WebsterFin WellsFargo Welltower WestFaseTimbe WestPharmSvcs WestAllianceBgc Westernbligital Westernblidstrm I Westlake WestRock Weyerhaeuse WheatonPrecMel	WMT WBD WMG WCN WMS WSO WBS WFC WELL WFC WST WAL WDC WES WLK WWY WPM WHR	159.87 21.45 31.88 139.37 161.16 307.38 299.34 92.72 51.86 47.78 97.30 87.64 365.14 76.20 50.24 26.16 130.52 52.20 41.73 49.12 178.10	0.24 -1.56 -0.79 -0.60 0.57 -6.26 12.76 -4.37 -1.09 -0.87 -0.21 -1.15 -6.61 -2.56 0.74 -0.65 0.32  -0.40 -0.87
QualtrissInt1 QuantaServices QuestDiag  RELX RPM AlalphLauren AangeResources RaymondJames Raytheon Tech RealtyIncome RegalRexnord RegalRexnord ReginSFin ReliansGrip ReliansGrip ReliansCSteel RepublicSvcs RepublicSvcs ReseMed RestMed RestMed RestMed RestMed RestMed RestMed RestAurantBrands	XM PWR DGX RELX RPM RL RRC RJF RTX O RRX REG REGN RF RGA RS RGEN RSG RMD QSR	24.34 125.27 141.64 30.96 87.43 114.24 31.66 109.76 142.94 72.51 706.11 21.54 116.26 197.23 153.47 134.81 134.81 239.00 60.53	-1.24 -0.39 -0.79 -1.14 -1.31 -4.03 -3.24 -0.37 -1.09 -0.21 -13.51 -0.43 -2.75 -3.40 -2.75 -3.40 -0.49 -0.49 -0.49 -0.49	Synopsys Si I Sysco  T  TC Energy TD Synnex Si TE Connectivity Ti Telus TErnium TF Intl TIX T-MobileUS TIROwePrice TalwanSemi TakeTwoSoftwar TakedoPharm TaleRedoSpharm TeleResses TaleRedoSpharm TaleRed	NPS 295.50 YY 89.74 J V  RP 58.15 NX 103.28 EL 126.02 U 26.80 X 46.09 KJ 46.09 HMUS 132.10 PG 27.02 ROW 139.58 SM 97.66 11.53 AK 14.55 PR 34.54 ROW 139.58 GT 248.17 THE COM 40.55	-10.76 0.64 -0.34 -1.27 -0.65 -0.35 -1.60 -0.80 -0.84 -0.60 -1.50 -3.82 -1.35 -5.81 -0.13 -0.42 -2.00 -0.10 -0.08	i Walmart VarnerBrosA WarnerMusic WasteConnections WasteMgt Waters Watsco Vayfair WebsterFin WellsFargo WeltDwer WestPharmSvcs WestAllianceBcp WesterDligita WestRock WestRock Weyerhaeuser WheatonPrecMet Whirlpool Williams	WMT WBD WMG WMM WMT WSO WWMS WFC WELL WSO WELL WWSO WSS WFC WELL WWSO WWS WWS WWS WWS WWS WWS WWS WWS WW	159.87 21.45 31.88 139.37 161.16 307.38 299.34 92.72 51.86 47.78 97.30 87.64 365.14 76.20 50.24 26.16 130.52 52.20 41.73 49.11 49.11 49.11 130.52 52.20 41.73 49.11 4	0.24 -1.56 -0.79 -0.60 0.57 -6.26 12.76 -4.37 -0.21 -1.15 -6.61 -2.56 0.74 -0.65 0.32  -0.40 -0.22 -0.21 -0.25 -0.21 -0.25 -0.21 -0.25 -0.21 -0.25 -0.21 -0.25 -0.21 -0.25 -0.21 -0.25 -0.21 -0.25 -0.21 -0.25 -0.21 -0.25 -0.21 -0.25 -
QualtricsInt1 QuantaServices QuestDiag  RELX RPM RalphLauren RangeResources RaymondJames RegundJames R	XM i PWR DGX RELX RPM RL RRC RJF RTX O RRX REG REGN RF RGA RS RGEN RS RGEN RS RGEN RS RGEN RS RGEN RF RGA RS RGEN RG	24.34 125.27 141.64 30.96 87.43 114.24 31.66 109.76 101.73 74.56 142.94 72.51 706.11 21.54 116.26 197.23 153.47 134.81 239.00 60.53 82.65	-1.24 -0.39 -0.79 -1.14 -1.31 -4.03 -3.24 -0.37 -1.09 -0.21 -13.51 -0.43 -2.75 -3.40 -2.75 -3.40 -0.49 -0.49 -0.49 -0.49	Synopsys Si Sysco S  T  TC Energy TC Energy TD Synnex Si TE Connectivity TI Telus TT Ternium TF Intl TT TJJX T-MobileUS TR TR TROwePrice TI TalwanSemi TakedaPbane TakedaPbane Talaedatos Target Target Target Target TeckRscsB TeladocHealth TI TELEARCHEALTH TI TELEARCH TI TE	NPS 295.50 YY 89.74  J V  RP 58.15 RP 58.15 RE 126.02 U 26.80 X 46.09 FII 86.25 JX 65.94 MUS 132.10 PG 27.02 ROW 139.58 SM 97.68 FIWO 131.53 AK 14.55 PR 34.54 RGP 78.63 GT 248.17 TM 28.91 EGT 248.17 TM 28.91 DDC 59.05	-10.76 0.64 -1.27 -0.65 -0.35 -1.60 -0.80 -0.84 -0.60 -1.50 -3.82 -1.35 -5.81 -0.13 -0.42 -2.00 -1.15 -1.01 -2.20 -1.20	I Walmart WarnerBrosA WarnerMusic WasteConnections WasteMgt Waters Waters Watsco I Wayfair WebsterFin WellsFargo Welltower WestFaseTimbe WestPharmSvcs WestAllianceBgc Westernbligital Westernblidstrm I Westlake WestRock Weyerhaeuse WheatonPrecMel	WMT WBD WMG WMG WMM WAT WSO WWM WSO WFCL WFG WST WML WWS WKK WKK WWK WWM WHK WWM WMM WMM WMM WMM WMM WMM WMM WMM WM	159.87 21.45 31.88 31.88 299.34 92.72 51.86 47.78 365.14 76.20 50.24 1.73 49.12 178.10 178.10 35.68 140.35	0.24 -1.56 -0.79 -0.60 0.57 -6.26 12.76 -4.37 -0.87 -0.21 -1.15 0.74 -0.65 0.32  -0.40 -0.40 -0.24 -0.24 -0.24 -0.24
QualtrissInt1 QuantaServices QuestDiag  RELX RPM AlalphLauren AangeResources RaymondJames Raytheon Tech RealtyIncome RegalRexnord RegalRexnord ReginSFin ReliansGrip ReliansGrip ReliansCSteel RepublicSvcs RepublicSvcs ReseMed RestMed RestMed RestMed RestMed RestMed RestMed RestAurantBrands	XM PWR DGX RELX RPM RL RRC RJF RTX O RRX REG REGN RF RGA RS RGEN RSG RMD QSR	24.34 125.27 141.64 30.96 87.43 114.24 31.66 109.76 101.73 74.56 142.94 72.51 706.11 21.54 116.26 197.23 153.47 134.81 239.00 60.53 82.65	-1.24 -0.39 -0.79 -1.14 -0.37 -1.31 -4.03 -3.24 -0.37 -1.09 -0.21 -1.351 -0.43 -2.75 -3.40 -2.72 0.49 -2.74 -6.04 -6.04 -6.04 -6.04	Synopsys Si Sysco S  T U  TC Energy TD Synnex Si TE Connectivity TI Telus TE Fernium T. TFI Intl TI TJX T-MobileUS TI TROWEPrice TI AliwanSemi T-AliwanSemi T-AlexanSemi T-Ale	NPS 295.50 YY 89.74  J V  RP 56.12 86.25 126.02 U 26.80 X 46.09 PG 27.02 ROW 131.53 AW 97.66 TWO 131.53 AW 78.66 TWO 134.54 RGP 78.63 GT 248.17 TTM 28.91 TTM 28.91 TECK 40.05 DOC 59.04	-10.76 0.64 0.34 -1.27 -0.65 -0.35 -1.60 -0.80 -0.60 -1.50 -3.82 -1.35 -5.81 -0.13 -0.42 -2.00 -1.15 0.08 -3.43 -3.43 -2.64	I Walmart WarnerBrosA WarnerMusic WasteConnections WasteSconnections WasteMgt Waters Watsco I Wayfair WebsterFin WellsFargo WeltDwer WestPharmSves WestAlliacet WestAlliacet WestAlliacet WestAlliacet WestAlliacet WestAlliacet WestRock Weyerhaeuset WheatonPrecMet Whirlpool I Williams Williams	WMT WBD WMG WM WMT WSO WW WBS WFC WFLL WFG WST WKK WKK WK W	159.87 21.45 31.88 31.88 299.34 92.72 51.86 47.78 365.14 76.20 50.24 1.73 49.12 178.10 178.10 35.68 140.35	0.24 -1.56 -0.79 -0.60 0.57 -6.26 12.76 -4.37 -0.21 -1.15 -6.61 -2.56 0.74 -0.65 0.32  -0.40 -0.22 -0.21 -0.25 -0.21 -0.25 -0.21 -0.25 -0.21 -0.25 -0.21 -0.25 -0.21 -0.25 -0.21 -0.25 -0.21 -0.25 -0.21 -0.25 -0.21 -0.25 -0.21 -0.25 -
Qualtrissinti QuantaServices Questivi guantaServices Questivi guantaServices Questivi guantaServices RELX RPM RalphLauren RangeResources Raymond James Raytheon Tech Realty Income RegallRexnord RegencyCtrs RegenPharm Regions Fin Reins Grp Republic Secs Republic Secs Republic RestaurantBrands Res	XM i PWR i PWR i PWR i PWR i RTA i RRC i RJF i RTA i RTA i RRC i RJF i RTA i R	24.34 125.27 141.64 30.96 87.43 114.24 31.66 109.76 101.73 74.56 142.94 116.26 172.51 116.26 60.53 153.47 134.81 239.00 60.53 82.65 93.12	-1.24 -12.57 3.19 -0.39 -0.79 -1.14 -1.31 -4.03 -3.24 -0.109 -0.21 -13.51 -0.43 -2.75 0.49 -6.04 -0.83 -3.40 -0.83 -3.40 -1.70	Synopsys Si Sysco S'  T U  TC Energy TD Synnex Si TE Connectivity Ti Telus TI Ternium TI TEI Intl TI TIX TI TAMOBILEUS TI TROWEPTICE TI TakeTWSOFWare TI TakeTWSOFWare TI TakeTWSOFWare TI TargaResources TI Target TI TargaResources TI TargaResource	NPS 295.50 YY 89.74  J V  RP 56.12 86.25 126.02 U 26.80 X 46.09 PG 27.02 ROW 131.53 AW 97.66 TWO 131.53 AW 78.66 TWO 134.54 RGP 78.63 GT 248.17 TTM 28.91 TTM 28.91 TECK 40.05 DOC 59.04	-10.76 0.64 0.34 -1.27 -0.65 -0.35 -1.60 -0.80 -0.60 -1.50 -3.82 -1.35 -5.81 -0.13 -0.42 -2.00 -1.15 0.08 -3.43 -3.43 -2.64	I Walmart  WarnerBrosA WarnerBrosA WarnerMusic WasteConnections WasteMgt Waters Watsco I Wayfair WebsterFin WellsFargo Welttower WestPharmSvcs WestAllianceBcp WesternDigita WestRock WestAlke WestRock Weyerhaeuser WheatonPrecMet Whirlpool I Williams Williams-Sonoma Willis Towers	WMT WMG WMM WAT WSO WW WBS WFC WELL WML WSO WWLK WKK WKK WW WWM WWW WWW WWW WWW WWW WWW	159.87 21.45 31.88 31.88 299.34 47.78 97.30 50.24 26.20 40.75 50.24 40.75 50.24 40.75 50.24 40.75 50.24 40.75 50.24 40.75 50.24 40.75 50.24 60.75	0.24 -1.56 -0.79 -0.60 0.57 -6.26 12.76 -4.37 -1.09 -0.87 -0.21 -1.15 -6.61 -2.56 0.320.40 -2.59 0.01 -0.24 -2.47 2.85 -0.12
QualtrissIntl QuantaServices QuantaS	XM  PWR  PWR  RELX  RPM  RL  RRC  RJF  RTX  O  RRX  REGN  RF  RGA  RS  RGER  RS  RGER  RS  RS  RES  RS  RI  RNG  RS  RI  RNG  RNG  RNG  RNG  RNG  RNG  RNG	24.34 125.27 141.64 30.96 87.43 31.66 109.76 114.24 72.51 74.56 142.94 72.51 116.26 115.34 134.81 239.00 60.53 60.53 93.12 74.81 151.74 151.74 151.74 151.74 151.74 151.74 151.74 151.74 151.74 151.74 151.74 151.74 151.74	-1.24 -1.257 3.19 -0.39 -0.79 -1.14 -1.31 -4.03 -2.24 -0.37 -1.09 -0.21 -1.15 -3.40 -2.75 -3.40 -2.72 0.604 -0.83 -1.21 -6.22 -3.24 -0.37 -2.75 -3.40 -2.72 -3.40 -3	Synopsys Si Sysco S'  T U  TC Energy TD Synnex Si TE Connectivity Ti Telus TI Ternium TI TEI Intl TI TIX TI TAMOBILEUS TI TROWEPTICE TI TakeTWSOFWare TI TakeTWSOFWare TI TakeTWSOFWare TI TargaResources TI Target TI TargaResources TI TargaResource	NPS 295.50 YY 89.74  J V  RP 58.15 RP 58.15 RP 16.02 U 26.80 X 46.09 FII 86.25 SM 97.66 ROW 139.58 SM 97.66 TWO 131.53 AK 14.55 PR 34.54 RGP 78.63 GT 248.17 TM 28.91 ECK 40.05 DOC 59.05 DY 479.41 RICK 38.51 RICK 8.52	-10.76 0.64 -1.27 -0.65 -0.35 -1.60 -0.84 -0.60 -1.50 -3.82 -1.35 -5.81 -0.13 -0.42 -0.40 -1.15 0.08 -3.43 -2.64 -2.62 -7.53	I Walmart  WarnerBrosA WarnerMusic WasteConnections WasteMgt Waters Watsco I Wayfair WebsterFin WellsFargo WeltOwer WestFhareSTime WestPharmSvcs WestAllianceBcp WesternDigita WesternDi	WMT L WBO WMM WAT WSO WWS WFC WELL WSC WEST WWS WFC WSC WEST WWS WFC WWS WWS WWS WSC WWS WWS WSC WWS WWS WSC WSC	159.87 <b>21.45</b> 13.45 81 139.37 161.16 307.38 299.34 292.72 51.86 47.78 365.14 76.20 426.16 130.52 52.20 427.3 49.12 178.10 35.43 542.73 37.35 6.87 6.87 6.87 107.28	0.24 -1.56 -0.79 -0.60 0.57 -6.26 12.76 -4.37 -1.09 -0.87 -0.21 -1.15 -6.61 -2.56 0.320.40 -2.47 -2.85 -1.85 -1.85 -2.52
QualtricsInt1 QuantaServices QuestDiag  RELX RPM RalphLauren RangeResources RaymondJames RaytheonTech RealtlyIncome RegalRexnord Regions/Fin Regions/Fin RelianceSteel Repligen RepublicSvcs ResWhed RestaurantBandt RevordindiReadt RingCentral RingC	XM FPWR DGX  RELX RPM RL RPM RL RRY RF RGA REGN RF RGEN RS RGEN RS RGEN RS REXR RNG RIVN RHI HOOD	24.34 125.27 141.64 30.96 87.43 31.14.24 31.66 1010.73 74.56 142.94 116.26 197.23 153.47 116.26 197.23 153.47 1239.00 60.53 82.65 74.81 33.76 110.44	-1.24 -12.57 -0.39 -0.79 -1.14 -1.31 -0.37 -1.09 -0.21 -13.51 -0.43 -2.75 -0.49 -6.04 -2.72 -6.04 -2.72 -3.77 -2.47 -2.47 -2.41 -2.2	Synopsys Si I Sysco  T  TC Energy TD Synnex Si TE Connectivity TI Telus TEINIM TI THINIM TI THINIM TI TYIX TI T-MobileUS TI TAKE TI TA	NPS 295.50 YY 89.74  J V  RP 58.15 RP 58.15 RE 126.02 U 26.80 X 46.09 FII 86.25 JX 65.94 MUS 132.10 PG 27.02 ROW 139.58 SM 97.66 TWO 131.53 AK 14.55 PR 34.54 RGP 78.63 GT 248.17 TM 28.91 EGT 248.17 TM 28.91 EGT 479.41 FR 78.43 EGT 78.53 EGT 479.41 EGT 38.51 EGT 38.51 EGT 38.51 EGT 38.51 EGT 38.51	-10.76 0.64 -1.27 -0.65 -0.35 -1.60 -0.84 -0.60 -1.50 -1.35 -5.81 -0.13 -0.42 -2.00 -1.15 -2.00 -3.82 -2.64 -9.22 -7.53 -0.25	I Walmart  WarnerBrosA WarnerMusic WasteConnections WasteMgt Waters Waters Watsco  I Wayfair WebsterFin WellsFargo WeltDwer WestFraseTimbe WestPharmSvc WestAllanceEcp WestermDigital WestermMidstrm I Westlake WestRock Weyerhaeuser WheatonPrecMet Whiripool I Williams Williams-Sonoma Willis Towers Wills Towers Will Towe	WMT WMG WMG WMM WAT WSO WW WBS WFC WILL WFG WST WALK WY WW WMR WHR WMM WHR WMM WHR WMM WMW WMW WW WW WW WW WW WW WW WW WW	159.87 161.16 181.88 139.37 161.16 181.88 139.37 161.16 181.88 139.37 38 269.34 92.72 51.86 565.14 76.20 50.24 12.130.52 52.20 41.73 41.73 130.52 52.20 141.73 173.56 181.73 173.56 181.24 181.24	0.24 -1.56 -0.79 -0.60 0.57 -6.26 12.76 -4.37 -0.21 -1.15 -6.61 -2.56 0.74 -0.65 0.32 -2.59 0.01 -2.47 2.85 -1.85 -0.12 -0.14 -2.47
QualtrissInt1 QuantaServices QuestDiag  RELX RPM RalphLauren RangeResources RaymondJames RaytheonTech RealtyIncome RegalRexnord RegencyCtrs RegencyCtrs RegencyCtrs RegencyCtrs RegensFin RelianceSteel Repligen ReplintScrs ReplintScrs ResMed RestaurantBrand RestaurantBrand RestaurantBrand RestaurantBrand RestaurantBrand RestaurantBrand RestaurantBrand RobertHalf RobertHalf Robinhood Robloox	XM  PWR  PWR  RELX  RPM  RL  RC  RC  RF  RTX  O  RRX  REGN  RF  RGA  RSG  RGEN  RSG  RIV  RIV  RIV  RIV  RHI  HOOD  RBLX	24.34 125.72 141.64 125.73 141.64 87.43 114.24 116.26 109.76 101.73 74.56 101.73 74.56 106.11 125.37 134.81 1239.00 82.65 93.12 115.17 115.17 115.17 115.14 116.44	-1.24 -0.39 -0.79 -1.14 -0.37 -1.31 -4.03 -3.24 -0.37 -0.21 -13.51 -0.43 -2.75 -3.40 -0.83 -1.21 -0.49 -2.75 -3.40 -0.37 -2.75 -3.40 -0.37 -2.75 -3.40 -0.37 -2.75 -3.40 -0.37 -2.75 -3.40 -0.37 -2.75 -3.40 -0.39 -2.75 -3.40 -0.39 -2.75 -3.40 -0.39 -2.75 -3.40 -0.39 -2.75 -3.40 -0.39 -2.75 -3.40 -0.39 -2.75 -3.40 -0.39 -2.75 -3.40 -0.39 -2.75 -3.40 -0.39 -2.75 -3.40 -0.39 -2.75 -3.40 -0.39 -2.75 -3.40 -0.39 -2.75 -3.40 -0.39 -1.21	Synopsys Si Sysco  T U  T C Energy TD Synnex Si TE Connectivity TI Tellus TEILUS THEN THEN THEN THEN THEN THEN THEN THEN	NPS 295.50 YY 89.74  PN 103.28 EL 126.02 U 26.80 X 46.09 FII 86.25 JJX 65.94 MUS 132.10 PG 27.02 ROW 139.58 SM 97.66 ROW 139.58 ROW 13	-10.76 0.64 -1.27 -0.65 -0.35 -1.60 -0.80 -0.84 -1.35 -0.60 -1.50 -1.38 -0.13 -0.42 -2.00 -0.88 -3.43 -2.64 -2.00 -0.89 -1.15 -0.13 -0.42 -2.00 -0.89 -1.15 -0.13 -0.42 -2.00 -1.15 -0.13 -0.25 -0.15 -0.15 -0.15	I Walmart  VarnerBrosA WarnerMusic WasteConnections WasteMgt Waters Watsco I Wayfair WebsterFin WellsFargo Welttower WestPharmSvcs WestAllianceBcp WesternDigita WesternDi	WMT WMG WMG WMM WAT WSO W WS WFC WELL WFG WFC WELL WDC WWL WMG WWK WMM WMM WHM WHM WMM WMM WMM WMM WMM WMM	159.87 21.45 31.88 139.37 161.16 307.38 92.72 51.86 47.78 97.30 87.64 365.14 365.14 130.52 26.16 130.52 26.16 130.52 26.16 130.52 26.16 130.52 107.28 1107.28 1107.28 137.35	0.24 -1.56 -0.79 -0.60 0.57 -6.26 12.76 -4.37 -0.21 -1.15 -6.61 -2.56 0.32 -0.40 -2.47 -0.65 -0.12 -2.47 -0.12 -2.48 -0.12 -5.28
Qualtrissinti QuantaServices QuantaS	XM PWR DGX  RELX RPM RL RRY REG REGN RF RTX  O REGN REGN RF RGA RS RGEN RS RGEN REGN RIO RIVN RHI HOODD RIVN RHI HOODD RIVN RKT	24.34 125.27 141.64 87.43 114.24 31.66 109.76 101.73 74.56 107.23 116.26 197.23 116.26 197.23 116.26 197.23 33.47 133.47 134.81 1299.00 60.53 33.76 115.17 10.44 34.61 9.24	-1.24 -0.39 -0.79 -1.14 -1.31 -4.03 -3.24 -0.37 -1.09 -0.21 -13.51 -0.43 -2.75 -3.40 -2.72 -6.04 -0.83 -1.21 -6.22 -0.27 -0.21	Synopsys Si Sysco Si T U TC Energy TC Synnex Si TE Connectivity TI Telus TE- Ternium T: TEI Intl TI TX T. T-MobileUS TI TROwePrice TI TakedaPharm TI TakedaPharm TI Tapestry Ti TargaResources T	NPS 295.50 YY 89.74  J V  RP 58.15 RE 126.02 U 26.80 X 46.09 FII 86.25 SM 97.66 ROW 139.58 SM 97.66 ROW 131.53 ROW 134.54 ROP 34.54 ROP 78.63 ROP 34.54 ROP 78.63 ROP 49.41 FIX M 49.41 FI	-10.76 0.64 -1.27 -0.65 -0.35 -1.60 -0.80 -0.84 -1.35 -0.60 -1.50 -3.82 -1.35 -0.13 -0.42 -2.00 -1.15 -0.08 -3.43 -2.64 -2.07 -5.31 -0.13 -0.42 -2.00 -1.15 -0.08	i Walmart VarnerBrosA WarnerMusic WasteConnections WasteMgt Waters Watsco Vayfair WebsterFin WellsFargo WeltDwer WestPharmSucs WesterDligita WesterDligita WestRock WestRock Weyerhaeuser WheatonPrecMet Whirlpool Villiams-Sonom WillisTowers WillscottMobile Wijpro Wolfspeed Woodward WoorlFin Workday	WMT WMG WMG WMM WAT WSO WW WMS WFC WELL WMFG WWSL WMFC WWSC WWK WWK WWW WMG WMM WHW WMM WHW WMM WMM WMM WWW WW WWS WWSC WWDAY WWDAY WMDAY	159.87 16.1.16 13.1.88 139.37 16.1.16 13.07 38 299.34 92.72 51.86 97.30 87.64 47.78 97.30 87.64 14.78 15.20 14.78 15.20 14.78 10.52 17.81.10 35.68 16.87 107.28 118.24 37.35 12.24.73 37.35 12.24.73 107.28 118.24 37.35 12.24.73 107.28 118.24 37.35 12.24.75 107.28 118.24 37.35 12.24.75 107.28 118.24 37.35 12.24.75 107.28 118.24 37.35 12.24.75 112.24 12.24	0.24 -1.56 -0.79 -0.60 -0.57 -6.26 12.76 -4.37 -1.09 -0.87 -0.21 -1.15 -1.661 -2.56 0.74 -0.65 0.320.40 -2.47 -2.85 -0.12 -5.28 -4.96 -0.76 -7.69
QualtrissInt1 QuantaServices QuestDiag  RELX RPM AlalphLauren AangeResources AaymondJames RegalRexnord RegalRexnord RegalRexnord RegencyCtrs RegencyCt	XM PWR DGX RELX RPM RL RRC RJF RTX O RRX REGN RF RGA RS RGEN RSG REGN RSG REST RIVN RIVN RHI HOODD RBLX RKT ROK	24.34 125.77 141.64 30.96 87.43 31.66 109.76 101.73 74.56 101.73 74.56 101.73 142.94 72.51 197.23 153.47 134.81 197.23 153.47 134.81 197.23 153.47 134.81 101.44 434.61 49.42 101.44 46.14	-1.24 -12.57 3.19 -0.39 -0.79 -0.79 -1.14 -1.31 -4.03 -3.24 -0.37 -1.09 -0.21 -0.43 -2.75 -3.40 -0.83 -2.75 -3.40 -0.83 -2.75 -3.40 -0.83 -0.27 -2.049 -0.83 -0.27 -2.049 -0.83 -0.27 -2.049 -0.83 -0.27 -2.049 -0.83 -0.27 -2.049 -0.83 -0.27 -2.045 -0.27	Synopsys Si I Sysco Si T U TC Energy TC Energy TE Connectivity TI Telus TE Connectivity TI Ternium T: TEI Inti TI TY TY TY TY TY TY TY TAMOBILEUS TI TAGNES TI TELAGOCHEA	NPS 295.50 YY 89.74  J V  RP 8 103.28 RE 1 26.02 U 26.80 X 46.09 FII 86.25 JX 65.94 MUS 132.10 ROW 139.58 SM 97.66 ROW 139.58 ROW 139.	-10.76 0.64 -1.27 -0.65 -0.35 -1.60 -0.80 -0.84 -1.50 -3.82 -1.35 -0.13 -0.42 -2.42 -7.53 -0.25 -7.53 -0.25 -0.15 -0.13 -0.22 -7.53 -0.25 -0.15 -0.13 -0.29 -0.23	I Walmart  WarnerBrosA WarnerMusic WasteConnections WasteSo Waters Waters Watsco I Wayfair WebsterFin WellsFargo WeltDwer WestPharmSvcs WestAllace WestPharmSvcs WestAllace WesterMightar I Westlake WestRock Weyerhaeuse WheatonPrecMet Whirlpool I Williams Williams Williams Williams Williams Williams World Woodward WooriFin Workday I WyndhamHtis	WMTT WBD WWW WBS WFC WELL WSC WELL WSC WELL WSC WELL WSC WELL WWS WHR WWB WSC WIT WWWD WF WWD WWD WWD WWD WWD WWD WWD WWD	159.87 21.45 31.88 139.37 161.16 46 47.78 97.30 47.78 26.16 130.52 42.73 49.12 175.68 140.35 242.73 56.87 49.12 130.52 242.73 16.18 140.35 242.73 38.75 212.45 89.60 89.60	0.24 -1.56 -0.79 -0.60 0.57 -6.26 -1.09 -0.87 -0.21 -0.15 -6.61 -2.56 0.320.40 -2.59 0.01 -0.24 -2.47 -2.85 -1.85 -0.74 -0.65 -0.76 -0.74 -0.74 -0.74 -0.75 -0.74 -0.74 -0.75 -0.74 -0.74 -0.75 -0.74 -0.75 -0.76 -0.76 -0.769 -1.04
QualtrissInt1 QuantaServices QuestDiag  RELX RPM RalphLauren RangeResources RaymondJames RaytheonTech RealtyIncome RegalRexnord RegencyCtrs RegencyCtrs RegencyCtrs RegencyCtrs RegensFin RelinaceSteel Repligen ReplineSteel Repligen RepublicSvcs ResMed RestaurantBrand RestaurantBrand RestaurantBrand RobertHalf RobertHalf Roberthalf Robertook Robinhood Roblox Rockwell RogersComm B	XM PWR DGX RELX RPM RL RRC CRJF RTX O RRX REG REGN REGN RF RGA RS RGEN RIV NN RHI HOOD RBLX RKT ROK RCI CRJ ROK ROK RCI CRJ ROK ROK RCI CRJ ROK ROK RCI CRJ ROK ROK RCI CRJ ROK ROK ROK ROK RCI CRJ ROK ROK RCI CRJ ROK	24.34 125.27 141.64 30.96 87.43 114.24 31.66 109.76 101.73 74.56 142.94 72.51 115.27 115.47 115.47 10.44 15.17 10.44 9.24 271.76 9.24	-1.24 -12.57 3.19 -0.39 -0.79 -1.14 -1.31 -4.03 -3.24 -0.79 -0.21 -13.51 -3.40 -2.75 -3.40 -0.43 -2.75 -3.40 -0.83 -2.75 -3.40 -0.83 -2.72 -2.41 -0.53 -0.13 -0.27 -2.14	Synopsys Si I Sysco  T  T  TC Energy TD Synnex Si TE Connectivity TI Telus TE Connectivity TI Telus TFI Intl TTI TYIX T-MobileUS TI TROWEPrice TalwanSemi Ti Take Mosoftware TakedaPharm Ti Take TakedaPharm Ti Tapestry Ti Targae Ti Teledmer Ti Teledmer Ti Telefonica Ti Teledmicasas Ti Teledmicasas Ti TenetHealthcare Ti TenetHealthcare Ti Tereradyne Ti Teradyne T	NPS 295.50 YY 89.74  J V  RP 58.15 NX 103.28 EL 126.02 U 26.80 X 46.09 X 46.09 K 46.25 MUS 132.10 PG 27.02 ROW 139.58 AK 14.55 PR 34.54 ROM 14.55 PR 34.54 ROM 15 13.53 K 14.55 ROM 17 14.55 ROM 17 15 15 15 15 15 15 15 15 15 15 15 15 15	-10.76 -0.64 -0.34 -1.27 -0.65 -1.60 -0.80 -0.80 -1.50 -1.35 -5.81 -0.13 -0.42 -2.00 -1.15 -0.84 -0.42 -2.00 -1.55 -0.13 -0.59 -0.89 -0.49 -0.49	i Walmart  VarnerBrosa WarnerBrosa WarnerMusic WasteConnections WasteMgt Waters Watsco  I Wayfair WebsterFin WellsFargo WeltOwer WestPharmSvcs WestAllianceBcp WesternDigita Woorlin Workday  I WyndhamHtis WynnResorts Walnesorts Walnesorts Walnesorts Wannesorts Wannesorts Wannesorts	WMTT WBD WWW WBS WFC WELL WSO WWIT WWD WWS WWK WWW WWS WWW WWS WWW WWS WWW WWS WWT WWW WWS WWW WWW	159.87 21.45 31.88 139.37 161.16 307.38 299.34 92.72 165.16 47.78 97.30 47.70 47.62 151.86 130.52 178.10 178.10 178.10 178.20 178.10 178.20 17	0.24 -1.56 -0.79 -0.60 0.57 -6.26 12.76 -4.37 -1.09 -0.87 -0.21 -1.15 -6.61 -2.56 0.74 -2.59 0.01 -0.24 -2.47 -0.18 -0.18 -0.12 -0.18 -0.18 -0.19 -0.18 -0.19 -0.1
QualtrissInt1 QuantaServices QuantaS	XM  PWR  PWR  RELX  RPM  RL  RRC  RJ  RRC  RF  RS  RGA  RS  RGEN  RSG  RIO  RIVN  RHI  HOOD  RIVN  RHI  HOOD  ROK  RKT  ROK  RC  RC  RC  RC  RC  RC  RC  RC  RC  R	24.34 125.27 141.64 30.96 87.43 114.24 31.66 109.76 101.73 145.64 114.29 72.51 116.26 1197.23 153.47 134.81 137.64 115.17 10.44 34.61 31.76 34.61 37.61 38.61 38.76 99.55	-1.24 -1.257 3.19 -0.39 -0.79 -1.14 -1.31 -4.03 -1.09 -0.21 -1.351 -0.43 -2.75 -0.43 -2.75 -0.43 -1.21 -6.22 -0.83 -1.21 -0.27 -0.83 -0.27	Synopsys Si Sysco Si T U TC Energy TC Synnex Si TE Connectivity Ti Telus TE- Ternium T: TEI Intl Ti TXX T. T-MobileUS Ti TROwePrice Ti TakewanSemi T: TakeTwoShware Ti TakeTwoShware Ti TakedaPharm Ti Tapek Si TakedaPharm Ti Targek Ti Tar	NPS 295.50 Y 89.74  N 89.74  N 103.28  R 126.02 Y 46.09 FII 86.25 Y 46.09 MUS 132.10 FI 27.02 FI 28.21 FI 31.86	-10.76 -0.64 -0.34 -1.27 -0.65 -0.65 -0.35 -1.60 -0.80 -0.84 -0.60 -1.50 -0.13 -0.42 -2.00 -1.15 -0.08 -3.43 -2.20 -0.5 -0.13 -0.42 -7.53 -0.42 -7.53 -0.89	i Walmart VarnerBrosA WarnerMusic WasteConnections WasteMgt Waters Watsco Vayfair WebsterFin WellsFargo WeltDwer WestFnaseTimbe WestPharmSucs WesterDligita WesterDligita WesterDligita VesterMidstrm WestRock Weyerhaeuser WheatonPrecMet Whirlpool Villiams-Sonom WillisTowers WillscottMobile Wipro Wolfspeed Woodward WoorlFin Workday I WyndhamHtis WynnResorts XP	WMTT WBD WMG WMG WMAT WSO W WBS WFC WELL WFC WST WWAT WSO WWAT WSO WHAT WHAT WHAT WHAT WHAT WHAT WHAT WHAT	159.87 21.45 31.88 139.37 161.16 92.72 161.16 161.16 17.88 139.37 161.16 161.16 17.88 17.88 17.80 17.8	0.24 -1.56 -0.79 -6.26 -0.60 0.57 -6.26 -4.37 -1.09 -0.87 -0.21 -1.15 -6.61 -2.56 0.32 -0.40 -2.59 0.040 -2.47 -2.85 -0.12 -5.28 -4.96 -7.69 -7.69 -7.69 -7.69 -1.04
Qualtrissinti QuantaServices QuestDiag  RELX RPM RalphLauren RangeResources RaymondJames RaytheonTech RealtlyIncome RegalRexnord RegalRexnord RegioncyCtrs RegencyCtrs RegncyCtrs RegencyCtrs RegencyCtrs RegencyCtrs RegencyCtrs RegencyC	XM F PWMF DGX RELX RRL RRC RF RF RF RGA RS RGEN RIO RIVIN RHI HOOD RBLX RKT RCK	24.34 125.27 141.64 30.96 87.43 1114.24 31.66 109.76 101.73 74.56 142.94 72.51 74.56 197.23 153.47 123.90.00 60.53 82.65 93.12 239.00 40.53 134.81 134.81 13.76 115.17 10.44 34.61 9.24 99.55 34.51	-1.24 -0.39 -0.39 -1.14 -1.31 -4.03 -1.09 -0.21 -1.351 -0.43 -2.75 -3.40 -2.75 -3.40 -0.83 -1.09 -6.04 -0.83 -1.09 -0.21 -0.27	Synopsys Si I Sysco Si  TC Energy TC Energy TD Synnex Si TE Connectivity Ti Telus Ti Ternium Ti Ternium Ti TFI Intl Ti TJJX T-MobileUS Ti TROwePrice Ti TalwanSemi Ti TakedaPhari TaladedaPhari Target Ti Teladoc-lealth Ti Teledoc-lealth Ti TeleflonicaBras V TelefonicaBras V	NPS 295.50 YY 89.74  J V  RP 58.15 RP 58.15 RE 126.02 U 26.80 X 46.09 FII 86.25 JX 65.94 MUS 132.10 PG 27.02 ROW 130.58 R	-10.76 0.64 0.34 -1.27 -0.65 -0.35 -1.60 -0.80 -0.84 -0.60 -1.150 -5.81 -0.13 -0.42 -2.00 -1.155 -0.13 -0.42 -2.00 -1.155 -0.13 -0.42 -2.00 -1.155 -0.13 -0.42 -2.00 -1.155 -0.13 -0.42 -2.00 -1.155 -0.13 -0.42 -2.00 -1.155 -0.13 -0.59 -0.15 -0.13 -0.59 -0.15 -0.13 -0.59 -0.15 -0.13 -0.59 -0.34 -1.70	i Walmart  VarnerBrosA WarnerMusic WasteConnections WasteMgt Waters Watsco  I Wayfair WebsterFin WellsFargo Welttower WestFharmSvcs WestAllianceBcp WesternDigital WesternDigital WesternDigital WesternDigital WestHake WestRock Weyerhaeuser WheatonPrecMet Whirlpool  I Williams Williams-Sonome Williams-Williams-Sonome Williams-Sonome Williams-Williams	WMTT WBO WMG WWN WSO WWS WFC WELL WSO WWS WFC WWLL WWS WFC WWS WWS WWS WWS WWS WWS WWS WWS WWS WW	159.87 21.45 31.88 139.37 31.88 139.37 61.	0.24 -1.56 -0.60 -0.57 -0.60 -1.76 -0.87 -0.21 -1.15 -0.65 -0.74 -0.65 -0.74 -0.65 -0.32 -0.24 -2.47 -0.185 -0.12 -0.52 -0.12 -0.74 -0.65 -0.74 -0.65 -0.74 -0.65 -0.74 -0.65 -0.74 -0.65 -0.74 -0.65 -0.74 -0.75 -0.10 -0.24 -0.76 -0.10 -0.76 -0.76 -0.76 -0.76 -0.05
QualtrissInt1 QuantaServices QuantaS	XM F PWRX F PWRX RPM RL RRL RTX O RRX REGN RF RGA RS RGEN RIO RIVN RHI LOOK RLX RKT ROKU ROL	24.34 125.27 141.64 212.71 141.64 30.96 87.43 11.66 109.76 142.94 116.26 142.94 116.26 142.94 116.26 197.23 12.54 116.26 197.23 12.54 116.26 197.23 12.54 116.26 197.23 12.54 116.26 197.23 12.54 116.26 197.23 12.54 116.26 197.23 12.54 116.26 197.23 12.54 116.26 197.23 12.54 116.26 197.23 12.54 116.26 197.25 12.54 116.26 197.25 12.54 116.26 12.55 1	-1.24 -0.39 -0.79 -1.14 -1.31 -4.03 -3.24 -0.37 -1.09 -0.21 -13.51 -0.43 -2.75 -3.40 -2.72 -0.49 -0.83 -1.21 -0.83 -1.21 -0.05 -1.27 -0.10 -0.27 -0.21 -0.21 -0.27 -0.21 -0.27	Synopsys Si Sysco  T  TC Energy TD Synnex Si TE Connectivity TI Telus TErnium T. TFI Intl TI TYJX T. T-MobileUS TI TRowePrice TalwanSemi T: TakeTwoSther TakedaPharm Ti TakeAssortes TI Target Si Ta	NPS 295.50 YY 89.74  J V  SN 103.28  RL 126.02 U 26.80 X 46.09 KY 49.01 SN 103.28 SM 97.66 SM 19.58 SM 97.66 14.55 SM 248.17 TEVM 125.28 SM 28.91 ECC 40.05 SM 28.91 ECC 40.05 SM 38.51 ECC 40.05 E	-10.76 -0.64 -0.34 -1.27 -0.65 -0.35 -1.60 -0.80 -0.84 -0.60 -1.35 -1.35 -0.42 -1.35 -0.13 -0.42 -1.35 -0.13 -0.42 -0.13 -0.42 -0.59 -0.15 -0.13 -0.15 -0.13 -0.15 -0.15 -0.13 -0.15 -0.15 -0.13 -0.15	i Walmart  WarnerBrosA WarnerMusic WasteConnections WasteMgt Waters Watsco  I Wayfair WebsterFin WellsFargo WeltOwer WestFhareTine WestPharmSvcs WestAllianceBcp WesternDigital WesternDigital WesternDigital WesternDigital WesternDigital WesternDigital WestPock WestAck WestAck WestAck Weyerhaeuser WheatonPrecMel Whirlpool  Williams Williams-Sonome WillisTowers WillsCotMobile Wipro Wolfspeed Woodward WooriFin Workday  I WyndhamHtis WynnResorts XP  I XcelEnergy XPeng	WMTT WBD WK	159.87 21.45 31.88 139.37 161.16 92.72 161.1	0.24 -1.56 -0.69 -0.60 0.57 -6.266 -0.87 -0.21 -1.15 -6.61 -0.40 -0.59 -0.24 -2.47 -0.40 -0.24 -2.47 -0.18 -0.40 -
Qualtrissinti QuantaServices QuantaS	XM PWM PM	24.34 125.27 141.64 30.96 87.43 114.24 110.73 74.56 142.94 110.73 72.51 706.11 21.54 116.26 197.23 82.65 93.12 74.81 33.76 115.17 43.41 19.24 241.76 59.42 271.76 59.42 271.76 434.51 44.51	-1.244 -0.379 -0.399 -1.144 -1.311 -1.313 -3.244 -0.379 -1.099 -0.211 -13.511 -0.433 -0.275 -3.400 -2.725 -3.400 -	Synopsys Si Sysco Si T U TC Energy TC Energy TE Connectivity TI Telus TE Connectivity TI Telus TE Connectivity TI TEIN TEIN TEIN TEIN TEIN TEIN TEIN TEIN	NPS 295.50 YY 89.74  J V  S	-10.76 0.64 -1.27 -0.65 -0.35 -1.60 -0.80 -1.50 -1.35 -5.81 -0.13 -0.42 -2.00 -1.15 -0.13 -0.59 -0.15 -0.13 -0.59 -0.15 -0.13 -0.59 -0.15 -0.13 -0.59 -0.15 -0.13 -0.59 -0.21 -0.19 -0.34 -1.70 -0.89 -2.34 -1.70 -0.89 -2.34 -1.70 -0.89 -2.34 -1.70 -0.89 -2.34 -1.70 -0.89 -2.34 -1.70 -0.89 -2.34 -1.70 -0.89 -2.34 -1.70 -0.89 -2.34 -1.70 -0.89 -2.34 -1.70 -0.89 -2.34 -1.70 -0.89 -2.34 -1.70 -0.89 -2.34 -1.70 -0.89 -2.34 -1.70 -0.89 -2.34 -1.70 -1.21 -1.21	i Walmart WarnerBrosA WarnerMusic WasteConnections WasteMgt Waters Waters Watsco I Wayfair WebsterFin WellsFargo Weltlower WestFinserTimbe WestPharmSuz WestenDigita WestenDigita WestenDigita Westenbidstm Westenkidstm Westenkidstm Westenkidstm Westenkidstm Westenkidstm Westenkidstm Westenkidstm WillianceBcp WestenDigita Westenbigita Westenbig	WMTT WMG	159.87 21.45 31.88 139.37 929.34 47.78 87.64 47.78 49.12 178.10 50.52 42.73 49.12 41.73 49.12 41.73 49.12 41.73 49.12 41.73 49.12 41.73 49.12 41.73 49.12 41.73 49.12 41.73 49.12 41.73 49.12 42.73 37.35 6.87 75.30 22.84 88.68 88.68 88.68 88.68 88.68 88.68 88.68	0.24 -1.56 -0.79 -0.60 0.57 -0.20 -1.15 -0.87 -0.21 -1.15 -0.66 -0.45 -0.32 -0.45 -0.45 -0.45 -0.45 -0.45 -0.45 -0.46 -0.40 -0.44 -0.44 -0.12 -5.28 -4.96 -7.69 -1.04 -7.69 -1.03 -1.50 -0.05 -0.05 -0.05 -0.05 -0.05
QualtricsInt1 QuantaServices QuestDiag  RELX RPM RalphLauren RangeResources RaymondJames RaytheonTech RegalRexnord RegalRexnord RegalRexnord Regions/Fin Regions/Fin RelianceSteel Repligen RepublicSvcs ResMed RestaurantBrands RevordindifiReall RingCentral Rio Tinto Rivian RobertHalf RobertHalf RobertSel Robinord Robin	XM PWR DGX RELX RES RELX REF RTX O RES REG	24.34 125.27 141.64 30.96 87.43 114.24 30.96 101.73 74.56 142.94 72.51 706.11 21.54 153.47 153.47 115.17 10.44 34.61 9.24 49.28 10.44 49.28 10.10.18	-1.24 -1.257 3.19 -0.39 -0.79 -1.14 -1.31 -0.37 -1.09 -0.21 -1.05 -3.40 -0.27 -2.72 -0.48 -0.27	Synopsys Si I Sysco  T  TC Energy TD Synnex Si TE Connectivity TI Telus Ti Targat Teledenmicors Telefonica Teradyne Teradyne Teradyne Tesla Teradyne Tesla Teradyne Tesla Teradyne Tesla Teradyne Telefonica Teradyne Telefonica Teradyne Telefonica	NPS 295.50 YY 89.74  J V  S 98.74  NS 103.28 EL 126.02 U 26.80 X 46.09 FII 86.25 JUX 65.94 MUS 132.10 PG 27.02 ROW 139.58 AK 14.55 PG 27.02 ROW 139.58 AK 14.55 RGP 78.63	-10.76 0.64 -1.27 0.34 -1.27 -0.65 -0.35 -1.60 -0.80 -0.84 -0.40 -1.50 -3.82 -1.35 -5.81 -0.13 -0.42 -2.00 -1.15 -0.25 -0.15 -0.13 -0.59 -0.89 -0.89 -0.89 -0.17 -0.30 -0.25 -0.15 -0.30 -0.30 -0.30 -0.30 -0.30 -0.31 -0.31	i Walmart  WarnerBrosA WarnerMusic WasteConnections WasteMgt Waters Watsco  I Wayfair WebsterFin WellsFargo WeltOwer WestFhareTine WestPharmSvcs WestAllianceBcp WesternDigital WesternDigital WesternDigital WesternDigital WesternDigital WesternDigital WestPock WestAck WestAck WestAck Weyerhaeuser WheatonPrecMel Whirlpool  Williams Williams-Sonome WillisTowers WillsCotMobile Wipro Wolfspeed Woodward WooriFin Workday  I WyndhamHtis WynnResorts XP  I XcelEnergy XPeng	WMDD WMD WMM WMM WMM WMM WMM WMM WMS WFC WELL WFG WST WFG WST WFG WST WFG WST WFG WST WFG WST	159.87 21.45 31.88 139.37 161.16 92.72 161.1	0.24 -1.56 -0.79 -0.60 0.57 -0.20 -1.15 -0.87 -0.21 -1.15 -0.66 -0.45 -0.32 -0.45 -0.45 -0.45 -0.45 -0.45 -0.45 -0.46 -0.40 -0.44 -0.44 -0.12 -5.28 -4.96 -7.69 -1.04 -7.69 -1.03 -1.50 -0.05 -0.05 -0.05 -0.05 -0.05
Qualtrissinti QuantaServices QuantaS	XM PWM PWM RL RRC RTX O REJF RTX O REG REG REG REG REG REG RES REG RES	24.34 (125.27) 141.64 (125.27) 141.64 (13.26) 142.9	-1.244 -12.57 3.19 -0.39 -0.79 -1.144 -1.31 -1.31 -1.351 -0.21 -13.51 -0.21 -13.51 -0.40 -0.21 -13.51 -0.40 -0.21 -13.51 -0.40 -0.21 -13.51 -0.40 -0.4	Synopsys Si I Sysco  T  TC Energy TD Synnex Si TE Connectivity TI Telus Ti Targat Teledenmicors Telefonica Teradyne Teradyne Teradyne Tesla Teradyne Tesla Teradyne Tesla Teradyne Tesla Teradyne Telefonica Teradyne Telefonica Teradyne Telefonica	NPS 295.50 Y 89.74  NY 89.74  NY 103.28  RL 126.02 V 46.09 FII 86.25 V 46.09 MUS 132.10 PG 27.02 RM 139.58 SM 97.66 THO 131.53 AK 14.55 PR 34.54 RSM 28.91 EK 28.17 EK 40.05 FI 28.17 EK 40.05 FI 38.55 FI 34.54 FI 38.65 FI 31.86 F	-10.76 0.64 -1.27 -0.65 -0.35 -1.60 -0.80 -1.60 -1.50 -0.80 -1.50 -0.80 -1.35 -5.81 -0.13 -0.42 -2.00 -1.55 -0.15 -0.13 -0.42 -2.01 -1.15 -0.13 -0.42 -2.01 -1.15 -0.13 -0.42 -2.01 -1.15 -0.13 -0.42 -2.01 -1.15 -0.13 -0.42 -2.01 -0.13 -0.42 -2.01 -0.13	i Walmart  VarnerBrosa WarnerMusic WasteConnections WasteMgt Waters Watsco  I Wayfair WebsterFin WellsFargo Weltower WestPharmSvcs WestAllianceBcp WesternDigita WestRock WestRock Weyerhaeuser WheatonPrecMet Whirlpool  I Williams Williams-Sonoma Willis Towers Williams William	WMTT WSO	159.87 21.45 31.88 139.37 92.72 51.86 47.78 92.72 51.86 47.78 97.30 87.64 47.78 97.30 47.7	0.24 -1.56 -0.79 -0.60 0.57 -6.26 12.76 -4.37 -0.21 -2.56 0.32 -0.40 -2.59 0.01 -2.47 -2.85 -0.12 -5.28 -0.40 -7.69 -1.04 -2.33 -1.50 -1.04 -2.33 -1.50 -1.03 -0.32 -1.23
QualtrissInt1 QuantaServices QuantaS	XM I PWR DGX RELX RELX REGN RI RTX O RRX REGN RF RGA RS RGEN RI RS RMD RI RI RI RNA RI ROB ROB RI ROB ROB RI ROB	24.34 (125.27) 141.64 (125.27) 141.64 (136.27) 141.64 (146.27) 141.64 (167.27)	-1.244 -1.257 -0.399 -0.799 -0.799 -1.144 -1.311 -0.437 -1.099 -0.211 -0.433 -2.752 -0.499 -0.213 -0.437 -0.277 -0.437 -0.277 -0.437 -0.277 -0.437 -0.277 -0.437 -0.277 -0.131 -0.27 -0.131 -0.27 -0.131 -0.27 -0.140 -0.27 -0.140 -0.27 -0.140 -0.27 -0.140 -0.27 -0.140 -0.27 -0.140 -0.27 -0.140 -0.27 -0.140 -0.27 -0.080 -0.140 -0.080 -0.140 -0.095 -0.041	Synopsys Si Sysco Si  TC Energy TC Energy TE Connectivity TI Telus TI Ternium TI TEIN TERNIUM THEN THEN THOM TI TAROWEPICE TI TIAWANDEN TAROWEPICE TI TAWANDEN TI TAGRESTY TI TECHACES TI TECHACES TI TECHACES TI TECHACES TI TEIN TEIN TEIN TEIN TEIN TEIN TEIN T	NPS 295.50 YY 89.74  PN 103.28 EL 126.02 U 26.80 X 46.09 FII 86.25 JX 65.94 MUS 132.10 ROW 139.58 SM 97.66 ROW 139.58 ROW 1	-10.76 0.64 0.34 -1.27 -0.65 -0.35 -1.60 -0.80 -0.60 -1.50 -1.55 -1.35 -5.81 -0.42 -2.00 -1.15 -0.88 -2.64 -9.22 -1.15 -0.18 -0.59 -0.19 -1.170 -0.38 -1.170 -0.38 -1.170 -0.38 -1.170 -0.31 -0.59 -1.35 -1.73 -1.70 -1.73 -1.70 -1.71 -1.	i Walmart VarnerBrosA WarnerMusic WasteConnections WasteMgt Waters Watsco I Wayfair WebsterFin WellsFargo WeltDewir WestPharmSvcs WestAllanceBcp WesternDigita WesternDigita VesternDigita WestRock WestRock Weyerhaeuser WhatonPrecMel Williams Williams-Sonom WillisTowers WillsCotMobile Wipro Wolfspeed Woodward WooriFin Workday I WyndhamHtls WynnResorts XP I XcelEnergy Xylem YumBrands YumChina	WMDT WMD WM WS WFL WMD WM WHITE WAS WITH WAS WELL WMD WM WHITH WMD	159.87 21.45 31.88 139.37 92.93.4 164.16 307.38 299.34 47.78 87.64 47.78 67.620 50.24 67.620 67.78 67.620 67.78 67.620 67.78 67.620 67.78 67.620 67.78 67.620 67.78 67.620 67.78 67.620 67.78 67.620 67.78 67.620 67.78 67.620 67.78	0.24 -2.45 -0.19 -0.24 -2.47 -0.21 -0.24 -2.47 -0.21 -0.24 -2.47 -0.21 -0.26 -0.76 -0.26 -0.76 -0.26 -0.76 -0.27 -0.27 -0.27 -0.27 -0.27 -0.28 -0.76 -
Qualtrissinti QuantaServices QuantaS	XM i PWR i P	24.34 (125.27) 141.64 (125.27) 141.64 (13.26) 141.64 (13.26) 142.94 (13.26) 142.94 (13.26) 142.94 (13.26) 143.81 (13.26) 143.8	-1.247 -12.57 3.19 -0.39 -0.79 -1.144 -1.31 -4.03 -3.24 -1.31 -0.43 -1.09 -0.21 -1.351 -0.43 -2.75 -2.47 -0.13 -1.21 -6.22 -1.47 -1.0.02 -0.78 -1.47 -1.0.08 -1.12 -1.23 -1.47 -1.0.08 -1.12 -1.23 -1.47 -1.0.08 -1.47 -1.0.09 -1.12 -1.23 -1.144 -0.95 -1.147 -1.10.08 -1.147 -1.10.08 -1.147 -1.10.08 -1.147 -1.10.08 -1.147 -1.10.08 -1.147 -1.10.08 -1.147 -1.10.08 -1.147 -1.10.08 -1.147 -1.10.08 -1.147 -1.10.08 -1.147	Synopsys Si Sysco  T  TC Energy TD Synnex Si TE Connectivity TI Telus TEINIM TI THI INT THI INT THI INT THI INT THI INT THOBILEUS TI TAGARDAN TARABANT TELEFORICA TEL	NPS 295.50 YY 89.74  PN 103.28 EL 126.02 U 26.80 X 46.09 FII 86.25 JX 65.94 MUS 132.10 ROW 139.58 SM 97.66 ROW 139.58 ROW 1	-10.76 0.64 0.34 -1.27 -0.65 -0.35 -1.60 -0.80 -0.60 -1.50 -1.55 -1.35 -5.81 -0.42 -2.00 -1.15 -0.88 -2.64 -9.22 -1.15 -0.18 -0.59 -0.19 -1.170 -0.38 -1.170 -0.38 -1.170 -0.38 -1.170 -0.31 -0.59 -1.35 -1.73 -1.70 -1.73 -1.70 -1.71 -1.	i Walmart WarnerBrosA WarnerMusic WasteConnections WasteMgt Waters Waters Watsco I Wayfair WebsterFin WellsFargo Weltlower WestFinserTimbe WestPharmSus WestemDigita WesternDigita Weste	WMTT WHEN WHEN WHEN WHEN WHEN WHEN WHEN WHEN	159.87 21.45 31.88 139.37 929.34 47.78 92.72 51.86 47.78 36.51 47.78 16.10 16.	0.24 - 1.56 - 0.79 - 0.60 - 0.79 - 0.60 - 0.79 - 0.60 - 0.79 - 0.60 - 0.70 - 0.
QualtrissInt1 QuantaServices QuantaS	XM i PWR DGX RELX RPM RL RRC RJF RTX O RRX REGN RF RGA RS RGEN RGA RS RGEN RIO RBLX RKT ROK RCI ROK RC	24.34 125.27 141.64 30.96 87.43 1114.24 31.66 109.76 101.73 74.56 142.94 72.51 706.11 21.54 169.23 153.47 143.41 134.61 19.24 49.25 49.25 49.25 49.25 49.25 49.25 49.25 49.25 49.25 49.25 49.25 49.26 49.26 40.85 40.85	-1.244 -12.57 3.19 -0.39 -0.79 -1.14 -1.31 -4.03 -3.24 -0.37 -0.21 -1.351 -0.43 -2.72 -1.40 -0.83 -1.04 -0.83 -1.04 -0.83 -1.04 -0.83 -1.21 -1.2	Synopsys Si Sysco Si T U TC Energy TC Synnex Si TE Connectivity Ti Telus TE Connectivity Ti Telus TE Connectivity Ti Ternium TT TFI Intl TI TX T. T-MobileUS Ti Take T	NPS 295.50 YY 89.74  J V  S	-10.76 0.64 0.34 -1.27 -0.65 -0.35 -0.35 -0.36 -0.84 -0.60 -1.50 -0.84 -0.60 -1.50 -0.13 -0.42 -1.35 -0.13 -0.42 -1.55 -0.13 -0.42 -1.55 -0.13 -0.42 -1.55 -0.13 -0.55 -0.13 -0.59 -0.34 -1.70 -0.89 -2.34 -1.70 -0.89 -2.34 -1.70 -0.89 -2.34 -1.70 -0.13 -0.55 -0.13 -0.55 -0.13 -0.59 -0.13 -0.59 -0.13 -0.59 -0.13 -0.59 -0.13 -0.59 -0.13 -0.59 -0.13 -0.59 -0.13 -0.10 -	i Walmart  VarnerBrosa WarnerMusic Wasteconnections Wastes Waters Watsco  I Wayfair WebsterFin WellsFargo Weltower WestPharmSvcs WestAllianceBcp WesternDigita Westalke WestRock Weyerhaeuser WhatonPreMel Williams Williams-Sonome WillisTowers Willis	WMTT WHEN WHEN WHEN WHEN WHEN WHEN WHEN WHEN	159.87 21.45 31.88 139.37 92.72 51.86 47.88 299.34 47.89 365.14 76.20 50.24 47.78 365.14 76.20 50.24 47.78 10.75 50.24 49.12 26.65 61.20 52.20 51.86 47.88 67.62 52.20 5	0.24 -4.35 -0.52 -0.24 -0.55 -0.52 -
Qualtrissinti QuantaServices QuantaS	XM i PWR i P	24.34 (125.27) 141.64 (125.27) 141.64 (13.26) 141.64 (13.26) 142.9	-1.247 -1.257 -0.39 -0.79 -0.144 -0.37 -1.09 -0.21 -1.31 -0.43 -0.27 -0.43 -0.27 -0.49 -6.04 -6.22 -6.083 -1.21 -6.27 -0.78 -1.09 -0.78 -1.09 -0.18 -0.57 -0.78 -0.95 -0.78 -0.95 -0.78 -0.95 -0.78 -0.95 -0.79 -0.95 -0.90 -0.90 -0.90 -0.90 -0.90 -0.90 -0.90 -0.90 -0.90 -0.90	Synopsys Si Sysco  T TC Energy TC Synnex TE Connectivity TI Telus TErnium TT-IIIII TI THINI THINI TIX T-MobileUS TI TAKENOSPICE TalwanSemi TI TakeTwoSthex TakedaPharm TalekedaPharm Telefonica Telefon	NPS 295.50 YY 89.74  J V  SP 89.74  RN 103.28  RL 126.02 U 26.80 X 46.09 FII 86.25 JUX 65.94 MUS 132.10 PG 27.02 ROW 139.58 SM 97.66 11.45 ROW 139.58 ROW	-10.76 0.64 0.34 -1.27 -0.65 -0.35 -1.60 -0.84 -0.60 -1.50 0.84 -0.60 -1.50 0.84 -0.60 -1.50 0.84 -0.60 -1.50 -0.84 -0.60 -1.50 -0.84 -0.60 -1.50 -0.84 -0.60 -1.50 -0.84 -0.60 -1.50 -0.84 -0.60 -1.50 -0.89 -0.24 -0.55 -0.13 -0.59 -0.15 -0.13 -0.59 -0.15 -0.13 -0.59 -0.15 -0.13 -0.59 -0.15 -0.13 -0.59 -0.15 -0.1	i Walmart  WarnerBros WarnerMusic WasteConnections WasteMgt Waters Watsco  I Wayfair WebsterFin WellsFargo WestPharmSvcs WestAllianceBcp WesternDigita Weste	WMTT WMM WAT WSO WWN WAT WSO WWN WAT WSO WWILL WMSC WWILL WMS WHAT WWM WMM WMM WMM WMM WMM WMM WMM WMM WM	159.87 21.45 31.88 139.37 92.72 51.86 47.78 87.64 47.78 67.50 2.4 25.65 52.20 44.73 87.64 47.78 87.64 47.78 87.64 47.78 87.64 47.78 87.64 47.78 87.64 47.78 87.64 47.78 87.60 22.26.65 75.30 86.48 23.79 41.79 41.22.89 41.79 43.42 44.44 41.08 43.79 43.42 43.42	0.24 - 1.56 - 0.79 - 0.60 0.57 - 0.60 0.57 - 0.62 6 12.76 - 0.79 - 0.81 - 0.79 - 0.81 - 0.71
QualtricsInt1 QuantaServices QuantaS	XM i PWR i P	24.34 (125.27) 141.64 30.96 (87.43) 114.24 31.66 (87.43) 114.24 110.173 74.56 142.94 (101.73) 74.56 142.94 (101.73) 72.51 706.11 21.54 142.94 (101.73) 72.51 105.34 (101.73) 72.51 105.34 (101.73) 72.51 105.34 (101.73) 72.51 105.34 (101.73) 72.51 105.34 (101.73) 72.51 106.11 72.51 107.34 (101.73) 72.51 107.34 (101.73) 72.51 107.35 (101.73) 72.51 107.36 (101.73) 72.51 107.37 (101.73) 72.51 107.38	-1.247 -1.257 -1	Synopsys Si Sysco Si  TC Energy TC Energy TE Connectivity TI FI Synnex Si Ti TAIN THO Synnex Si Ti Taivan Semi Ti Takeda Pharm Ti Tapeator Ti Targa Resources Ti Telefonica Ti Telefonica Ti Telefonica Ti Telefonica Ti Telefanis Ti Tenaris Si Tenaris Si Tenaris Ti Texas Ti Te	NPS 295.50 YY 89.74  P	-10.76 0.64 0.34 -1.27 -0.65 -0.35 -0.36 -0.84 -0.60 -1.50 -0.84 -0.60 -1.50 -0.84 -0.61 -0.84 -0.61 -0.84 -0.62 -1.35 -0.84 -0.61 -0.84 -0.61 -0.84 -0.61 -0.84 -0.61 -0.84 -0.61 -0.84 -0.61 -0.84 -0.61 -0.84 -0.61 -0.84 -0.61 -0.84 -0.61 -0.84 -0.61 -0.84 -0.61 -0.84 -0.61 -0.84 -0.61 -0.84 -0.61 -0.84 -0.84 -0.84 -0.84	i Walmart VarnerBrosa WarnerMusic WasteConnections WasteMgt Waters Watsco I Wayfair WebsterFin WellsFargo Weltlower WestFaserImbee WestPharmSvcs WesterDligita WesterDligita WesterDligita WestRock WestRock Weyerhaeuser WheatonPrecMet Whiripool I Williams Williams-Sonoma WillisTowers WillscottMobile Wipro Wolfspeed Woodward WoorlFin Workday I WyndhamHtls WynnResorts XP I XcelEnergy XPeng YumBrands Yumgham ZTO Express ZebraTech Zendesk I Zillow A I Zillow C ZimmerBiomet	WMT WMW WAT WSO WWAT WSO WWAT WSO WELL WAS WFILE WAS WHITE WAS WELL WAS WHITE WAS	159.87 21.45 31.88 139.37 92.72 51.86 47.78 87.64 365.14 41.73 49.12 26.61 61.30.52 52.20 34 41.73 49.12 26.65 75.30 49.12 26.65 37.35 6.87 75.30 87.64 38.75 52.20 37.35 6.87 3	0.24 - 1.56 - 0.79 - 0.60 0.57 - 6.26 12.76 - 0.57 - 6.26 12.76 0.79 - 0.87 - 0.21 - 1.15 - 6.61 1.05 - 0.32 - 0.57 - 0.24 - 2.47 - 0.25 - 0.24 - 2.47 - 0.25 - 0.24 - 2.47 - 0.25 - 0.24 - 2.47 - 0.25 - 0.24 - 2.47 - 0.25 - 0.24 - 2.47 - 0.25 - 0.25 - 0.24 - 2.47 - 0.25 - 0.2
QualtricsInt1 QuantaServices QuantaS	XM i PWR DGX  RELX RPM RL RRC RIF RTX O RRX REG REGN RF RGA RS RGEN RIF ROK RIV ROK RIV ROK RCI ROK ROL ROP ROST RY RCI ROK RY RYANY SAP SPGI SBAC	24.3.4 (125.27) 141.64 30.96 (87.43) 1114.24 31.66 (109.76) 111.74, 174.56 142.94 (11.74.56) 142.94 153.77 (11.54.76) 153.77 (11.54.76) 153.77 (11.54.76) 174.56 174.51 (11.54.76) 174.51 (11.54	-1.244 -12.57 3.19 -0.39 -0.79 -1.14 -1.31 -4.03 -3.24 -0.37 -0.21 -1.351 -0.43 -2.72 -2.47 -0.13 -0.49 -0.21 -1.21 -0.52 -0.49 -0.54 -0.50 -0.78 -0.14 -0.55 -0.78 -0.14 -0.95 -0.78 -0.14 -0.95 -0.78 -0.14 -0.95 -0.78 -0.14 -0.95 -0.78 -0.19 -0.93 -0.54 -0.95 -0.63 -0.57 -0.63 -0.57	Synopsys Si Sysco  T  TC Energy TD Synnex Si TE Connectivity TI Telus TEINIM TFI INI TAREMOSFINATE TakedaPharm TakedaPharm TakedaPharm TakedaPharm TakedaPharm TalaedaChealth Ti TeledyneTech Teleficonica Telefico	NPS 295.50 YY 89.74  J V  SPAN 103.28 EL 126.02 U 26.80 X 46.00 X 46.00 X 140.50 FII 86.25 JU 96.80 X 140.50 K	-10.76 0.64 -1.27 -0.65 -1.27 -0.65 -1.60 -0.80 -0.84 -0.60 -1.50 -1.50 -1.60 -0.80 -1.50 -0.81 -0.13 -0.42 -1.35 -0.13 -0.42 -1.35 -0.13 -0.42 -1.35 -0.13 -0.42 -1.35 -0.13 -0.42 -1.35 -0.13 -0.42 -1.30 -1.51 -0.13 -0.15 -0.13 -0.15 -0.13 -0.21 -0.15 -0.13 -0.21 -0.15 -0.13 -0.21 -0.15 -0.13 -0.21 -0.15 -0.13 -0.21 -0.15	i Walmart  VarnerBros WarnerMusic Wasteconnections Wastes Waters Watsco  Valter WelsFargo Weltower WestPharmSvcs WestAllianceBcp WesternDigita WestRock WestAlke WestRock Weyerhaeuser WheatonPrecMel Williams Williams Williams-Sonome Willis Towers Williams Woorlifin Workday I WyndhamHtis WynnResorts XP I XeelEnergy XPeng Xyleng Xyleng Xyleng Tyners ZTO Express ZebraTech Zendesk I zillow A I zillow C zimmer Blomet ZionsBancorp	WMT WMM WAT WSO WWN WAT WSO WWN WAT WSO WWN WAT WSO	159.87 21.45 31.88 139.37 92.72 51.86 47.78 97.30 87.64 47.78 97.30 85.91 47.78 97.30 49.12 49.12 26.65 87.64 47.78 97.80 97.80 49.12 26.65 87.62 20.63 87.64 40.18 40.1	0.24 -4.37 -1.09 -0.81 -0.24 -2.45 -0.12 -5.28 -1.85 -1.23 -1.24 -2.17 -1.24 -2.17 -1.25 -
DualtricsInt1 Du	XM i PWR i P	24.34 (125.27) 141.64 (125.27) 141.64 (13.26)	-1.247 3.19 -0.39 -0.79 -1.144 -0.37 -1.31 -4.03 -0.37 -1.09 -0.21 -1.351 -0.43 -0.21 -1.351 -0.43 -0.27 -2.47 -0.83 -1.21 -6.22 -0.95 -0.78 -1.09 -0.63 -1.01 -1.23 -1.09 -0.63 -1.09 -0.63 -0.95 -0.19 -0.63 -0.95 -0.19 -0.63 -0.95 -0.19 -0.63 -0.54 -0.95 -0.64 -0.95 -0.63 -0.54 -0.95 -0.63 -0.54 -0.95 -0.63 -0.54 -0.95 -0.63 -0.54 -0.95 -0.63 -0.54 -0.95 -0.63 -0.54 -0.95 -0.63 -0.54 -0.95 -0.63 -0.54 -0.95 -0.63 -0.54 -0.95 -0.63 -0.54 -0.95 -0.63 -0.54 -0.95 -0.54	Synopsys Si Sysco Si T U TC Energy TC Energy TE Connectivity Ti Telus Telus Telus Telus Telus Telus TaketaPosharm Ti TaketaPosharm Ti Target TataMotors Ti Target Ti Target Ti Target Ti Telefenica Ti Telefenica Ti Telefenica Ti Telefenica Ti Telefenica Ti Telefenica Ti Telefania Ti Teleraris Ti TenetHealthcare Ti Teraris TenetHealthcare Ti Tevario Ti Tevasinstruments Ti	NPS 295.50 Y 89.74  NY 89.74  NY 103.28  RN 103.28  RL 126.02 Y 46.09 MUS 132.10 PG 27.02 RM 97.66 RM 139.58  SM 97.66 RM 139.58  SM 97.66 RM 139.58  SM 97.66 RM 149.70 EN 149.	-10.76 0.64 0.34 -1.27 -0.65 -0.35 -0.36 -0.36 -0.84 -0.60 -0.80 -1.50 -0.84 -0.60 -1.50 -0.84 -0.60 -1.50 -0.84 -0.60 -1.50 -0.84 -0.60 -1.55 -0.13 -0.42 -0.13 -0.42 -0.13 -0.59 -0.59 -0.13 -0.59 -	i Walmart VarnerBrosa WarnerMusic WasteConnections WasteMgt Waters Watsco I Wayfair WebsterFin WellsFargo WestPharmSvcs WestAllianceBcp WestPharmSvcs WestAllianceBcp WesternDigita WesternDigita WesternDigita WesternDigita WesternDigita WesternDigita WestPharmSvcs WestAllianceBcp WestPharmSvcs WestAllianceBcp WestPharmSvcs WestAllianceBcp WestPharmSvcs WistAllianceBcp WestPharmSvcs WestAllianceBcp WestPharmSvcs WistAllianceBcp WestPharmSvcs WestPharmSvcs WestPharmSvcs Williams-Sonom	WMTT WMM WAT WSO WWAT WSO WWAT WSO WWAT WSO WWAT WSO WHAT WSO WHAT WSO WHAT WAT WAT WAT WAT WAT WAT WAT WAT WAT W	159.87 21.45 31.88 139.37 92.72 51.86 47.78 97.30 87.64 47.78 67.62 50.24 26.65 50.24 40.78 49.12 11.64 140.78 49.12 21.65 89.60 75.30 88.64 41.73 87.64 41.73 49.12 21.25 89.60 40.75 50.24 40.78 80.60 40.78 80.60 40.78 80.60 40.78 40.78 80.60 40.78 40.78 80.60 40.78 40.	0.24 - 1.56 - 0.79 - 0.60 0.57 - 0.60 0.57 - 0.62 6 12.76 - 0.79 - 0.81 0.57 - 0.21 - 1.15 0.74 - 0.75 0.74 - 0.75 0.74 - 0.75 0.74 - 0.75 0.74 - 0.75 0.74 - 0.75 0.74 - 0.75 0.74 - 0.75 0.74 - 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75
Qualtrissinti QuantaServices QuantaS	XM i PWR i P	24.34 (125.27) 141.64 (125.27) 141.64 (136.26) 141.64 (197.66) 141.64 (197.67)	-1.247 -12.57 -1.247 -0.39 -0.79 -1.14 -0.37 -1.31 -4.03 -3.24 -0.37 -1.09 -0.21 -13.51 -0.43 -2.75 -3.40 -2.75 -3.40 -2.72 -2.47 -0.13 -1.21 -0.43 -1.21 -0.57 -0.14 -0.57 -1.47 -0.68 -0.51 -0.69 -0.14 -0.95 -0.64 -0.95 -0.57 -0.41 -0.95 -0.57 -0.41 -0.95 -0.64 -0.95 -0.93 -0.54 -0.91 -0.63	Synopsys Si Sysco Si  TC Energy TC Energy TE Connectivity Telus TE Connectivity Telus TE Connectivity Telus TE Connectivity Telus TE Connectivity Termium TE Internium TE Inte	NPS 295.50 YY 89.74  J V  RP 51.82 RP 51.82 RP 126.02 U 26.80 X 46.09 FII 86.25 JX 65.94 MUS 122.10 PG 27.02 RR 97.66 RS 97.66 RS 97.66 RS 97.66 RS 97.66 RS 97.66 RS 139.58 RS 97.66 RS 139.58 RS 97.66 RS 139.58 RS 97.66 RS 139.58 RS 138.61 RS 138.66 RS 138.66 RS 138.66 RS 111.20 RS 111	-10.76 0.64 0.34 -1.27 -0.65 -0.35 -1.60 -0.80 -0.60 -1.50 -1.51 -0.13 -0.42 -1.00 -1.15 -0.13 -0.42 -1.15 -0.13 -0.42 -1.15 -0.13 -0.42 -1.15 -0.13 -0.42 -1.15 -0.13 -0.42 -1.15 -0.13 -0.43 -1.15 -0.13 -0.49 -1.25 -0.15 -0.15 -0.13 -0.49 -1.21 -0.30 -1.35 -1.15 -0.40 -	i Walmart  VarnerBrosA WarnerMusic WasteConnections WasteMgt Waters Watsco  I Wayfair WebsterFin WellsFargo Weltbower WestPharmSvcs WestAllianceBcp WesternDigital WesternDigital WesternDigital WesternDigital WesternDigital WesternDigital WesternDigital WestRock Weyerhaeuser WestRock Weyerhaeuser WestRock Weyerhaeuser Williams Williams Williams-Sonome Williams-Sono	WMTT WOM WAT WSO WELL WST	159.87 21.45 31.88 139.37 92.72 51.86 92.72 51.86 97.30 87.64 47.78 97.30 87.64 130.52 41.73 49.12 49.12 40.62 6.87 107.28 89.60 75.42 212.45 6.87 107.28 89.60 75.42 212.45 41.73 40.12 212.45 41.73 41.13 212.45 41.13	0.24 - 4.56 - 6.61 - 2.76 - 0.10 - 2.47 - 2.85 - 1.126 - 2.33 - 1.50 - 2.126 - 2.33 - 1.26 - 2.33 - 1.26 - 2.33 - 1.26 - 2.33 - 1.26 - 2.33 - 1.26 - 2.33 - 1.26 - 2.33 - 1.26 - 2.33 - 1.26 - 2.33 - 1.36 - 2.33 - 1.36 - 2.33 - 1.36 - 2.33 - 1.36 - 2.33 - 2.36 - 2.33 - 2.36 - 2.37 -
Qualtrissinti QuantaServices QuantaS	XM i PWR i P	24.34 (125.27) 141.64 (125.27) 141.64 (125.27) 141.64 (125.27) 141.64 (125.27) 145.66 (125.27) 145.67 (125.27)	-1.24 -1.257 -1.	Synopsys Si Sysco Si T U TC Energy TD Synnex Si TE Connectivity Ti Telus TErnium T. Ternium T. THINI TI THINI TI THINI TI THINI TI THAMBIBLES TI TAKEMSOFTWATE TOO TOO TOO TOO TOO TOO TOO TOO TOO T	NPS 295.50 YY 89.74  J V  S	-10.76 0.64 0.34 -1.27 -0.65 -1.27 -0.65 -1.60 -0.80 -1.50 -0.84 -0.60 -1.50 -0.84 -0.60 -1.50 -0.84 -0.60 -1.50 -0.84 -0.60 -1.50 -0.84 -0.60 -1.50 -0.84 -0.13 -0.42 -1.35 -0.13 -0.42 -1.35 -0.13 -0.42 -1.35 -0.13 -0.59 -0.15 -0.13 -0.59 -0.15 -0.13 -0.59 -0.15 -0.13 -0.59 -0.15 -0.13 -0.59 -0.15 -0.13 -0.59 -0.15 -0.13 -0.59 -0.15 -0.13 -0.59 -0.15 -0.13 -0.59 -0.17 -	i Walmart  WarnerBros WarnerMusic Wasteconnections Wastekonnections Wastes Watsco  Wastes Watsco  WebsterFin WellsFargo Weltower WestFhareTime WestPharmSvcs WestAllianceBcp WesternDigita WesternDigi	WMTT WS	159.87 21.45 31.88 139.37 92.72 51.86 47.78 92.72 51.86 47.78 37.64 47.82 65.16 130.52 52.06 16 130.52 52.06 16 130.52 52.06 178.10 178	0.24 -4.37 -1.09 -0.87 -0.66 -0.65 -
QualtricsInt1 QuantaServices QuantaS	XM i PWR i P	24.34 (125.27) 141.64 30.96 (87.43) 114.24 30.96 (87.43) 114.24 101.73 (74.56) 142.94 101.73 (72.51) 706.11 21.54 (72.51) 706.11 239.00 142.94 (72.51) 706.11 101.44 34.61 101.62 (72.51) 706.11 101.44 34.61 101.18 (83.47) 101.48 101.18 (101.18) 101.18 1	-1.24 -1.257 -1.	Synopsys Si Sysco Si T T TC Energy TC Synnex Si TE Connectivity Ti Telus TE Connectivity Ti Telus TE Connectivity Ti Ternium TT TEI Intl TI TIX T. T-MobileUS Ti Taken Software Ti Telefonica Ti T	NPS 295.50 Y 89.74  P 89.74  N 103.28  R 126.02 Y 46.09 FII 86.25 Y 46.09 FII 86.25 Y 46.09 FII 86.25 FII 86.67 FII	-10.76 0.64 0.34 -1.27 -0.65 -0.35 -0.35 -0.36 -0.84 -0.60 -0.80 -1.50 -0.13 -0.13 -0.42 -0.13 -0.42 -0.13 -0.42 -0.13 -0.42 -0.13 -0.42 -0.13 -0.42 -0.13 -0.43 -	i Walmart VarnerBrosa WarnerMusic WasteConnections WasteMgt Waters Watsco I Wayfair WebsterFin WellsFargo WeltDear WestPharmSvcs WestAllianceBcp Workdalw Williams-Sonom Wi	WMTT WSO WWAT WSO WWAT WSO WWAT WSO WWAT WSO WWAT WSO WILL WMS WFLL WMSC WILL WMSC WMSC WILL WMSC WMSC WILL WMSC WMSC WMSC WMSC WMSC WMSC WMSC WMSC	159.87 21.45 31.88 139.37 92.72 51.86 47.78 97.30 87.64 47.78 67.620 50.24 62.61 630.52 52.20 63.65 6.87 64.73 87.64 64.73 87.64 64.73 87.64 64.73 87.64 64.73 87.64 64.73 87.64 64.73 87.64 64.73 87.64 64.73 87.64 64.73 87.64 64.73 87.64 64.73 87.64 64.73 87.64 64.73 87.64 64.73 87.64 64.73 87.64 64.73 87.64 65.73 87.64 67.73 87.64 87.64 87.64 87.73 87.64 87.64 87.73 87.64 87.64 87.73 87.64 87.74 87.	0.24 - 1.56 - 0.79 - 0.60 0.57 - 0.60 0.57 - 0.62 12.76 - 0.62 12.76 - 0.62 12.76 - 0.62 12.76 - 0.62 12.76 - 0.62 12.76 - 0.62 12.76 12.7
Qualtrissinti QuantaServices QuantaS	XM i PWR i P	24.34 (125.27) 141.64 (125.27) 141.64 (125.27) 141.64 (125.27) 141.64 (125.27) 145.66 (125.27) 145.67 (125.27)	-1.24 -1.257 -1.	Synopsys Si Sysco Si T T TC Energy TC Synnex Si TE Connectivity Ti Telus TE Connectivity Ti Telus TE Connectivity Ti Ternium TT TEI Intl TI TIX T. T-MobileUS Ti Taken Software Ti Telefonica Ti T	NPS 295.50 YY 89.74  J V  S	-10.76 0.64 0.34 -1.27 -0.65 -0.35 -0.35 -0.36 -0.84 -0.60 -0.80 -1.50 -0.13 -0.13 -0.42 -0.13 -0.42 -0.13 -0.42 -0.13 -0.42 -0.13 -0.42 -0.13 -0.42 -0.13 -0.43 -	i Walmart VarnerBrosa WarnerMusic WasteConnections WasteMgt Waters Watsco I Wayfair WebsterFin WellsFargo WeltDear WestPharmSvcs WestAllianceBcp Workdalw Williams-Sonom Wi	WMTT WS	159.87 21.45 31.88 139.37 92.72 51.86 47.78 97.30 87.64 47.78 67.620 50.24 62.61 630.52 52.20 63.65 6.87 64.73 87.64 64.73 87.64 64.73 87.64 64.73 87.64 64.73 87.64 64.73 87.64 64.73 87.64 64.73 87.64 64.73 87.64 64.73 87.64 64.73 87.64 64.73 87.64 64.73 87.64 64.73 87.64 64.73 87.64 64.73 87.64 64.73 87.64 65.73 87.64 67.73 87.64 87.64 87.64 87.73 87.64 87.64 87.73 87.64 87.64 87.73 87.64 87.74 87.	0.24 -4.37 -1.09 -0.87 -0.66 -0.65 -
QualtricsInt1 QuantaServices QuantaS	XM i PWR i P	24.34 (125.27) 141.64 30.96 (87.43) 114.24 30.96 (87.43) 114.24 101.73 (74.56) 142.94 101.73 (72.51) 706.11 21.54 (72.51) 706.11 239.00 142.94 (72.51) 706.11 101.44 34.61 101.62 (72.51) 706.11 101.44 34.61 101.18 (83.47) 101.48 101.18 (101.18) 101.18 1	-1.24 -1.257 -1.	Synopsys Si Sysco Si T T TC Energy TC Synnex Si TE Connectivity Ti Telus TE Connectivity Ti Telus TE Connectivity Ti Ternium TT TEI Intl TI TIX T. T-MobileUS Ti Taken Software Ti Telefonica Ti T	NPS 295.50 Y 89.74  N 58.74  N 68.75  N 7 88.15  N 8.15  N 8.25  N 46.09  N 49.66  N 19.58  N 97.66  N 19.58  N 97.66  N 19.58  N 97.66  N 19.58  N 19.69  N 19.58  N 19.69  N	-10.76 0.64 0.34 -1.27 -0.65 -0.35 -0.35 -0.36 -0.84 -0.60 -0.80 -1.50 -0.13 -0.13 -0.42 -0.13 -0.42 -0.13 -0.42 -0.13 -0.42 -0.13 -0.42 -0.13 -0.42 -0.13 -0.43 -	i Walmart VarnerBrosa WarnerMusic WasteConnections WasteMgt Waters Watsco I Wayfair WebsterFin WellsFargo WeltDear WestPharmSvcs WestAllianceBcp Workdalw Williams-Sonom Wi	WMTT WSO WWAT WSO WWAT WSO WWAT WSO WWAT WSO WWAT WSO WILL WMS WFLL WMSC WILL WMSC WMSC WILL WMSC WMSC WILL WMSC WMSC WMSC WMSC WMSC WMSC WMSC WMSC	159.87 21.45 31.88 139.37 92.72 51.86 47.78 97.30 87.64 47.78 67.620 50.24 62.61 630.52 52.20 63.65 6.87 64.73 87.64 64.73 87.64 64.73 87.64 64.73 87.64 64.73 87.64 64.73 87.64 64.73 87.64 64.73 87.64 64.73 87.64 64.73 87.64 64.73 87.64 64.73 87.64 64.73 87.64 64.73 87.64 64.73 87.64 64.73 87.64 64.73 87.64 65.73 87.64 67.73 87.64 87.64 87.64 87.73 87.64 87.64 87.73 87.64 87.64 87.73 87.64 87.74 87.	0.24 - 1.56 - 0.79 - 0.60 0.57 - 0.60 0.57 - 0.62 12.76 - 0.62 12.76 - 0.62 12.76 - 0.62 12.76 - 0.62 12.76 - 0.62 12.76 - 0.62 12.76 12.7
QualtricsInt1 QuantaServices QuantaS	XM i PWR i P	24.34 (125.27) 141.64 30.96 (87.43) 114.24 30.96 (87.43) 114.24 101.73 (74.56) 142.94 101.73 (72.51) 706.11 21.54 (72.51) 706.11 239.00 142.94 (72.51) 706.11 101.44 34.61 101.62 (72.51) 706.11 101.44 34.61 101.18 (83.47) 101.48 101.18 (101.18) 101.18 1	-1.24 -1.257 -1.	Synopsys Si Sysco Si T T TC Energy TC Synnex Si TE Connectivity Ti Telus TE Connectivity Ti Telus TE Connectivity Ti Ternium TT TEI Intl TI TIX T. T-MobileUS Ti Taken Software Ti Telefonica Ti T	NPS 295.50 Y 89.74  N 58.74  N 68.75  N 7 88.15  N 8.15  N 8.25  N 46.09  N 49.66  N 19.58  N 97.66  N 19.58  N 97.66  N 19.58  N 97.66  N 19.58  N 19.69  N 19.58  N 19.69  N	-10.76 0.64 0.34 -1.27 -0.65 -0.35 -0.35 -0.36 -0.84 -0.60 -0.80 -1.50 -0.13 -0.13 -0.42 -0.13 -0.42 -0.13 -0.42 -0.13 -0.42 -0.13 -0.42 -0.13 -0.42 -0.13 -0.43 -	i Walmart VarnerBrosa WarnerMusic WasteConnections WasteMgt Waters Watsco I Wayfair WebsterFin WellsFargo WeltDear WestPharmSvcs WestAllianceBcp Workdalw Williams-Sonom Wi	WMTT WSO WWAT WSO WWAT WSO WWAT WSO WWAT WSO WWAT WSO WILL WMS WFLL WMSC WILL WMSC WMSC WILL WMSC WMSC WILL WMSC WMSC WMSC WMSC WMSC WMSC WMSC WMSC	159.87 21.45 31.88 139.37 92.72 51.86 47.78 97.30 87.64 47.78 67.620 50.24 62.61 630.52 52.20 63.65 6.87 64.73 87.64 64.73 87.64 64.73 87.64 64.73 87.64 64.73 87.64 64.73 87.64 64.73 87.64 64.73 87.64 64.73 87.64 64.73 87.64 64.73 87.64 64.73 87.64 64.73 87.64 64.73 87.64 64.73 87.64 64.73 87.64 64.73 87.64 65.73 87.64 67.73 87.64 87.64 87.64 87.73 87.64 87.64 87.73 87.64 87.64 87.73 87.64 87.74 87.	0.24 - 1.56 - 0.79 - 0.60 0.57 - 0.60 0.57 - 0.62 12.76 - 0.62 12.76 - 0.62 12.76 - 0.62 12.76 - 0.62 12.76 - 0.62 12.76 - 0.62 12.76 12.7
Qualtrissinti QuantaServices QuantaS	XM i PWR i P	24.34 (125.27) 141.64 (125.27) 141.64 (13.26) 141.64 (13.26) 141.64 (13.26) 141.64 (13.26) 141.65 (13.26) 141.6	-1.24 -1.257 -1.	Synopsys Si Sysco Si T T TC Energy TC Synnex Si TE Connectivity Ti Telus TE Connectivity Ti Telus TE Connectivity Ti Ternium TT TEI Intl TI TIX T. T-MobileUS Ti Taken Software Ti Telefonica Ti T	NPS 295.50 Y 89.74  N 58.74  N 68.75  N 7 88.15  N 8.15  N 8.25  N 46.09  N 49.66  N 19.58  N 97.66  N 19.58  N 97.66  N 19.58  N 97.66  N 19.58  N 19.69  N 19.58  N 19.69  N	-10.76 0.64 0.34 -1.27 -0.65 -1.26 -0.35 -1.60 -0.80 -0.84 -0.60 -1.50 -0.84 -0.60 -1.50 -0.84 -0.60 -1.50 -0.84 -0.60 -1.50 -1.51 -0.13 -0.42 -0.60 -1.55 -0.13 -0.42 -0.60 -1.55 -0.13 -0.59 -0.89 -1.70 -0.31 -0.88 -1.70 -0.31 -0.89 -1.70 -0.31 -0.89 -1.70 -0.30 -1.73 -1.73 -1.73	i Walmart  VarnerBrosA WarnerMusic Wasteconnections Wastes My Waters Watsco  VasteMy WasterIn WellsFargo Welttower WestFhareTimbel WestPharmSvcs WestAllianceBcp WesternDigita WesternDigita WesternDigita WesternDigita WesternDigita WestRock Weyerhaeuser WhestRock Weyerhaeuser WhestorPreMel Williams Williams Williams Williams Williams Williams Wolfspeed Woodwad WoorlFin Workday  I WyndhamHtis WynnResorts XP	WMTT WORK WYST WALL WITH WAS WAS WITH WAS WAS WITH WAS WAS WITH WAS	159.87 21.45 31.88 139.37 92.72 51.86 97.30 87.64 47.78 97.30 87.64 130.52 41.73 49.12 26.65 6.87 107.28 118.10 35.68 124.44 41.08 40.12 28.65 124.44 41.08 124.44 41.08 124.44 41.08 125.40 126.45 127.53 127.55 127.55 127.55 128.75	0.24 - 1.56 - 6.61 - 2.66 - 0.79 - 0.60 - 0.57 - 6.26 - 12.76 - 6.61 - 2.56 - 0.32 - 0.65 - 0
QualtricsInt1 QuantaServices QuantaS	XM i PWR i P	24.34 (125.27) 141.64 (125.27) 141.64 (13.26) 141.64 (13.26) 141.64 (13.26) 141.64 (13.26) 141.65 (13.26) 141.6	-1.24 -1.257 -1.	Synopsys Si Sysco Si T T TC Energy TC Synnex Si TE Connectivity Ti Telus TE Connectivity Ti Telus TE Connectivity Ti Ternium TT TEI Intl TI TIX T. T-MobileUS Ti Taken Software Ti Telefonica Ti T	NPS 295.50 Y 89.74  N 58.74  N 68.75  N 7 88.15  N 8.15  N 8.25  N 46.09  N 49.66  N 19.58  N 97.66  N 19.58  N 97.66  N 19.58  N 97.66  N 19.58  N 19.69  N 19.58  N 19.69  N	-10.76 0.64 0.34 -1.27 -0.65 -1.26 -0.35 -1.60 -0.80 -0.84 -0.60 -1.50 -0.84 -0.60 -1.50 -0.84 -0.60 -1.50 -0.84 -0.60 -1.50 -1.51 -0.13 -0.42 -0.60 -1.55 -0.13 -0.42 -0.60 -1.55 -0.13 -0.59 -0.89 -1.70 -0.31 -0.88 -1.70 -0.31 -0.89 -1.70 -0.31 -0.89 -1.70 -0.30 -1.73 -1.73 -1.73	i Walmart VarnerBrosa WarnerMusic WasteConnections WasteMgt Waters Watsco I Wayfair WebsterFin WellsFargo WeltDear WestPharmSvcs WestAllianceBcp Workdalw Williams-Sonom Wi	WMTT WORK WYST WALL WITH WAS WAS WITH WAS WAS WITH WAS WAS WITH WAS	159.87 21.45 31.88 139.37 92.72 51.86 97.30 87.64 47.78 97.30 87.64 130.52 41.73 49.12 26.65 6.87 107.28 118.10 35.68 124.44 41.08 40.12 28.65 124.44 41.08 124.44 41.08 124.44 41.08 125.40 126.45 127.53 127.55 127.55 127.55 128.75	0.24 - 1.56 - 6.61 - 2.66 - 0.79 - 0.60 - 0.57 - 6.26 - 12.76 - 6.61 - 2.56 - 0.32 - 0.65 - 0

April 21, 2022

nese prices reflect buying and selling of a variety of actual or "physical" mmodities in the marketplace—separate from the futures price on an exchange, which reflects what the commodity might be worth in future

	Thursday		Thursday
Energy		<b>Grains and Feeds</b>	
oal,C.Aplc.,12500Btu,1.2SO2-r,w oal,PwdrRvrBsn,8800Btu,0.8SO2-r,w	117.050 15.700	Barley,top-quality Mnpls-u Bran,wheat middlings, KC-u	n.a. 171
Metals		Corn,No. 2 yellow,Cent IL-bp,u Corn aluten feed,Midwest-u,w	7.7800 226.7
iold, per troy oz		Corn gluten meal, Midwest-u, w	687.2
ngelhard industrial	1949.00	Cottonseed meal-u,w	355
landy & Harman base	1943.70	Hominy feed,Cent IL-u,w	175
andy & Harman fabricated	2157.51	Meat-bonemeal,50% pro Mnpls-u,w	368
BMA Gold Price AM	*1947.55	Oats,No.2 milling,Mnpls-u	7.0950
BMA Gold Price PM	*1949.55	Rice, Long Grain Milled, No. 2 AR-u,w	31.25
rugerrand,wholesale-e	2024.26	Sorghum,(Milo) No.2 Gulf-u	n.a.
1aple Leaf-e	2043.72	SoybeanMeal,Cent IL,rail,ton48%-u,w	481.90
merican Eagle-e	2043.72	Soybeans,No.1 yllw IL-bp,u	17.3100
1exican peso-e	2354.77	Wheat, Spring 14%-pro Mnpls-u	13.3450
ustria crown-e	1910.86	Wheat,No.2 soft red,St.Louis-u	10.7525
ustria phil-e	2043.72	Wheat - Hard - KC (USDA) \$ per bu-u	11.4850
ilver, troy oz.		Wheat,No.1soft white,Portld,OR-u	11.0000
ngelhard industrial	24.9500	Food	
andy & Harman base	24.5350	Food	
andy & Harman fabricated	30.6690	Beef,carcass equiv. index	
BMA spot price	*£19.3000	choice 1-3,600-900 lbsu	234.98
	*25.2000	select 1-3,600-900 lbsu	221.80
oins,wholesale \$1,000 face-a	20966	Broilers, National comp wtd. avgu,w	1.6690
ther metals		Butter,AA Chicago-d	2.6900
BMA Platinum Price PM	*985.0	Cheddar cheese,bbl,Chicago-d	237.00
latinum,Engelhard industrial	983.0	Cheddar cheese,blk,Chicago-d	236.25
alladium,Engelhard industrial	2462.0	Milk,Nonfat dry,Chicago lbd	177.75
luminum, LME, \$ per metric ton	*3240.0	Coffee,Brazilian,Comp-y	2.1981
opper,Comex spot	4.7035	Coffee,Colombian, NY-y	2.8685
on Ore, 62% Fe CFR China-s	150.1	Eggs,large white,Chicago-u	2.3750
hredded Scrap, US Midwest-s,m	n.a.	Flour,hard winter KC-p	31.30
teel, HRC USA, FOB Midwest Mill-s	1460	Hams,17-20 lbs,Mid-US fob-u	0.74
attery/EV metals		Hogs,lowa-So. Minnesota-u	99.93
MI Lithium Carbonate, EXW China, =99.2%-v,k	78350	Pork bellies,12-14 lb MidUS-u	n.a.
MI Lithium Hydroxide, EXW China, =56.5% -v.k	77950	Pork loins,13-19 lb MidUS-u	1.2376

Wool,64s,staple,Terr del-u,w Tallow,edible,Chicago-u n.a. KEY TO CODES: A=ask; B=bid; BP=country elevator bids to producers; C=corrected; D=CME; E=Manfra,Tordella & Brookes; H=American Commodities Brokerage Co; K=bi-weekly; M=monthly; N=nominal; n.a.=not quoted or not available; P=Sosland Publishing; R=SNL Energy; S=Platts-TSI; T=Cotlook Limited; U=USDA; V=Benchmark Mineral Intelligence; W=weekly; Y=International Coffee Organization; Z=not quoted. \*Data as of 4/20

18881

6794

695

0.8475

1.3689 \*156.70

n.a.

Steers,Tex.-Okla. Choice-u

Steers,feeder,Okla. City-u,w

**Fats and Oils** 

Degummed corn oil, crude wtd. avg.-u,w

Grease, choice white, Chicago-h

Soybean oil,crude;Centl IL-u,w

Tallow.bleach:Chicago-h

Lard,Chicago-u

Source: Dow Jones Market Data

140.00

175.63

71.0000

0.7300

0.8416

0.7600

#### **Dividend Changes**

BMI Cobalt sulphate, EXW China, >20.5% -v,m

 $BMI\, Nickel\, Sulphate, EXW\, China, > 22\%-v, m$ 

BMI Flake Graphite, FOB China, -100 Mesh, 94-95% -v.m.

Burlap.10-oz.40-inch NY vd-n.w

Cotton,11/16 std lw-mdMphs-u

Hides, hvy native steers piece fob-u

Fibers and Textiles

Dividend announcements from April 21.

Company	Symbol	Yld %	Amount New/Old	Frq	Payable / Record
Increased					
Comcast 2% DECS Sprint	CCZ	2.8	.4253 /.37472	Q	May16/May01
Healthcare Services Group	HCSG	4.2	.2125/.21125	Q	Jun24/May20
Lithia Motors	LAD	0.6	.42/.35	Q	May27/May13
Newtek Business Services	NEWT	12.6	.75 /.65	Q	Jun30/Jun20
S&T Bancorp	STBA	4.1	.30 /.29	Q	May19/May05
Seacoast Banking of FL	SBCF	1.9	.17 /.13	Q	Jun30/Jun15
Sonoco Products	SON	2.9	.49 /.45	Q	Jun10/May10
Foreign					
Compania de Minas ADR	BVN	8.0	.073		May16/Apr22
Fomento Econ Mexicano ADR	FMX	1.8	.84826	SA	May16/May04
Rogers Commun	RCI	2.6	.396	Q	Jul04/Jun10

KEY: A: annual; M: monthly; Q: quarterly; r: revised; SA: semiannual; S2:1: stock split and ratio; SO:

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**B8** | Friday, April 22, 2022

### **MARKETS DIGEST**

**EQUITIES** 

#### **Dow Jones Industrial Average**

**34792.76** ▼368.03, or 1.05% Trailing P/E ratio 19.98 29.99 P/E estimate \* 18.20 21.02 High, low, open and close for each Dividend vield 2.03 1.74 trading day of the past three months. All-time high 36799.65, 01/04/22

Current divisor 0.15172752595384 35900 65-day moving average 35200 34500 33800

Bars measure the point change from session's open

31700 \_\_\_\_\_\_ Feb. Apr.

\*Weekly P/E data based on as-reported earnings from Birinyi Associates Inc.: †Based on Nasdag-100 Index

#### S&P 500 Index

**4393.66 ▼**65.79, or 1.48% High, low, open and close for each

trading day of the past three months.

Trailing P/E ratio \* 24.82 45.51 P/E estimate \* 19.62 23.82 Dividend vield \* 1.42 1.39 All-time high 4796.56, 01/03/22



\_\_\_\_\_ Feb. Mar. Jan. Apr.

#### **Nasdaq Composite Index**

**13174.65** ▼ 278.41, or 2.07% High, low, open and close for each trading day of the past three months.

Feb.

Trailing P/E ratio \*† 31.86 40.12 P/E estimate \*† 24.84 30.51 Dividend yield \*† 0.73 0.71 All-time high: 16057.44, 11/19/21



#### Major U.S. Stock-Market Indexes

-			Latest				52-Week —		%	cha —
	High	Low	Close	Net chg	% chg	High	Low	% chg		3-yr. ann.
Dow Jones										
Industrial Average	35492.22	34723.82	34792.76	-368.03	-1.05	36799.65	32632.64	2.9	-4.3	9.4
Transportation Avg	15703.66	15338.87	15410.22	-53.78	-0.35	17039.38	14000.78	3.3	-6.5	11.9
Utility Average	1073.75	1058.44	1059.39	-12.36	-1.15	1071.75	869.74	15.0	8.0	11.1
Total Stock Market	45622.47	44235.58	44329.36	-751.06	-1.67	48929.18	42165.09	2.6	-8.9	14.0
Barron's 400	1033.87	999.44	1002.12	-21.70	-2.12	1127.20	962.48	1.0	-9.4	12.1
Nasdaq Stock Marke	et									
Nasdaq Composite	13710.70	13140.83	13174.65	-278.41	-2.07	16057.44	12581.22	-4.7	-15.8	18.1
Nasdaq-100	14277.21	13682.68	13720.45	-278.08	-1.99	16573.34	13001.63	-0.3	-15.9	21.3
S&P										
500 Index	4512.94	4384.47	4393.66	-65.79	-1.48	4796.56	4063.04	6.3	-7.8	14.8
MidCap 400	2729.00	2646.83	2653.86	-48.87	-1.81	2910.70	2517.18	-1.7	-6.6	10.8
SmallCap 600	1326.60	1288.81	1292.39	-20.71	-1.58	1466.02	1252.49	-2.5	-7.8	10.3
Other Indexes										
Russell 2000	2060.08	1986.91	1991.46	-46.72	-2.29	2442.74	1931.29	-10.8	-11.3	8.3
NYSE Composite	16882.64	16472.17	16499.33	-262.01	-1.56	17353.76	15625.93	2.9	-3.9	8.5
Value Line	640.62	620.93	<b>622.1</b> 8	-12.02	-1.90	696.40	596.67	-5.0	-7.4	4.3
NYSE Arca Biotech	5162.35	4999.41	5000.37	-109.92	-2.15	6022.37	4677.66	-10.8	-9.4	2.5
NYSE Arca Pharma	856.09	845.82	847.57	-7.43	-0.87	887.27	704.36	18.6	2.5	14.5
KBW Bank	122.97	118.56	119.01	-2.19	-1.81	147.56	116.73	-0.5	-10.0	6.1
PHLX <sup>§</sup> Gold/Silver	163.38	154.81	<b>156.</b> 48	-8.74	-5.29	167.76	117.06	5.3	18.1	29.0
PHLX <sup>§</sup> Oil Service	86.02	80.50	81.23	-3.22	-3.81	87.06	48.31	63.0	54.1	-6.4
$PHLX^{\scriptsize{\S}}Semiconductor$	3216.79	3046.69	3058.74	-83.46	-2.66	4039.51	2851.15	-2.4	-22.5	25.2
Cboe Volatility	23.28	19.81	22.68	2.36	11.61	36.45	15.01	21.2	31.7	23.3

33100

32400

Oper

Sources: FactSet; Dow Jones Market Data

#### **Late Trading**

 $Most-active \ and \ biggest \ movers \ among \ NYSE, NYSE \ Arca, NYSE \ Amer.$ and Nasdaq issues from 4 p.m. to 6 p.m. ET as reported by electronic trading services, securities dealers and regional exchanges. Minimum share price of \$2 and minimum after-hours volume of 50,000 shares.

#### Most-active issues in late trading

52-Weel

		Volume	_		A 60		
Company	Symbol	(000)	Last	Net chg	After Hou % chg	High	Low
Snap	SNAP	22,133.0	29.35	-0.07	-0.24	33.00	22.66
iQIYI ADR	IQ	15,708.8	3.20		unch.	3.24	3.17
TAL Education Group ADF	R TAL	9,826.5	2.72		unch.	2.72	2.68
New Oriental Edu ADR	EDU	9,419.1	10.18	-0.01	-0.10	10.33	10.12
Infosys ADR	INFY	5,721.2	20.72	0.04	0.19	20.72	20.68
Kinross Gold	KGC	4,845.3	5.71	-0.01	-0.17	5.74	5.69
SPDR S&P 500	SPY	4,789.2	437.67	-0.39	-0.09	438.20	411.91
iShares MSCI ACWI ETF	ACWI	4,736.4	96.55		unch.	96.55	96.55
Percentage gaiı	ners						
Pyxis Oncology	PYXS	1,747.0	2.86	0.21	7.92	3.05	2.70
Retail Opp Investment	ROIC	216.9	20.85	1.26	6.43	20.85	19.11
UFP Industries	UFPI	119.5	81.50	4.50	5.84	84.00	77.00
Inspirato	ISPO	337.8	6.55	0.34	5.48	7.40	6.21
Patterson-UTI Energy	PTEN	700.4	18.55	0.88	4.98	18.55	17.37
And losers							
SCYNEXIS	SCYX	221.3	2.49	-0.65	-20.70	3.12	2.46
Murphy USA	MUSA	67.7	192.96	-49.08	-20.28	242.04	192.96
Corsair Gaming	CRSR	131.2	15.80	-2.52	-13.76	18.70	15.75
Clarus Therapeutics Hldgs	CRXT	1,377.3	2.00	-0.31	-13.42	2.35	1.94
Globus Medical	GMED	84.3	70.00	-9.00	-11.39	79.00	65.71

### **Trading Diary**

Volume, Advancers, Decliners NYSE NYSE Amer. Total volume\* 956 //62 396 21 507 008

Total volume"	956,462,396	21,507,008
Adv. volume*	153,944,850	1,721,648
Decl. volume*	796,364,832	19,349,577
Issues traded	3,445	282
Advances	656	57
Declines	2,659	218
Unchanged	130	7
New highs	169	2
New lows	251	23
Closing Arms <sup>†</sup>	1.27	3.42
Block trades*	4,366	214
	Nasdaq	NYSE Arca
Total volume*	5,137,966,393	361,310,020
Adv. volume*1	,419,448,827	49,440,830
Decl. volume*3	,689,991,804	310,588,629
Issues traded	4,972	1,715
Advances	1,082	184
Declines	3,652	1,520
Unchanged	238	11
New highs	100	110
New lows	480	209
Closing Arms	0.77	0.57

(TRIN) A comparison of the number of advancing and declining issues with the volume of shares rising and falling. An Arms of less than 1 indicates buying demand; above 1 indicates selling pressure.

#### **International Stock Indexes**

Region/Country	y Index	Close	Net chg	— Latest ——— % chg	– YTD % chg
World	MSCI ACWI	688.47	-7.80	-1.12	-8.8
	MSCI ACWI ex-USA	313.64	-1.16	-0.37	-8.9
	MSCI World	2959.92	-34.72	-1.16	-8.4
	MSCI Emerging Markets	1086.93	-8.70	-0.79■	-11.8
Americas	MSCI AC Americas	1683.69	-26.94	-1.57	-7.9
Canada	S&P/TSX Comp	21650.41	-347.97	-1.58	2.0
Latin Amer.	MSCI EM Latin America	2571.06	-19.97	<b>-0.77</b> ■	20.7
Brazil	BOVESPA	114343.78		Closed	9.1
Chile	S&P IPSA	3149.62	-41.50	-1.30	12.2
Mexico	S&P/BMV IPC	53267.31	-563.73	-1.05	-0.01
EMEA	STOXX Europe 600	461.57	1.47	0.32	-5.4
Eurozone	Euro STOXX	438.56	3.51	■0.81	-8.4
Belgium	Bel-20	4266.01	8.35	0.20	-1.0
Denmark	OMX Copenhagen 20	1766.75	-29.70	-1.65	-5.2
France	CAC 40	6715.10	90.19	1.36	-6.1
Germany	DAX	14502.41	140.38	<b>0.9</b> 8	-8.7
Israel	Tel Aviv	2055.66		Closed	3.9
Italy	FTSE MIB	24805.62	-72.61	-0.29	-9.3
Netherlands	AEX	729.05	3.44	<b>■0.47</b>	-8.6
Russia	RTS Index	961.46	1.04	0.11	-39.7
South Africa	FTSE/JSE All-Share	73350.94	-432.49	-0.59■	-0.5
Spain	IBEX 35	8814.60	45.10	0.51	1.2
Sweden	OMX Stockholm	885.29	5.16	0.59	-14.6
Switzerland	Swiss Market	12301.33	-8.84	-0.07	-4.5
Turkey	BIST 100	2556.81	30.88	1.22	37.6
U.K.	FTSE 100	7627.95	-1.27	-0.02	3.3
U.K.	FTSE 250	21159.68	75.68	0.36	-9.9
Asia-Pacific	MSCI AC Asia Pacific	171.47	-0.76	<b>-0.44  </b>	-11.2
Australia	S&P/ASX 200	7592.80	23.57	0.31	2.0
China	Shanghai Composite	3079.81	-71.24	-2.26	-15.4
Hong Kong	Hang Seng	20682.22	-262.45	-1.25	-11.6
India	S&P BSE Sensex	<b>57911.6</b> 8	874.18	1.53	-0.6
Japan	NIKKEI 225	27553.06	335.21	1.23	-4.3
Singapore	Straits Times	3348.46	13.13	0.39	7.2
South Korea	KOSPI	2728.21	9.52	0.35	-8.4
Taiwan	TAIEX	17127.95	-20.93	-0.12	-6.0
Thailand	SET	1690.55	10.20	0.61	2.0

**Consumer Rates and Returns to Investor** 

4.00%

3.00

2.00

1.00

—Yield/Rate (%)— Last (●) Week ago

3.50

1.06

0.07

0.54

5.12

4.36

5.10

3.50

3.98

**0.25-0.50** 0.25-0.50

3.50

1.18

0.08

0.55

5.34

4.50

5.32

3.56

**U.S.** consumer rates

5-year Treasury

note yield

2021

Interest rate

Prime rate\*

Libor, 3-month

A consumer rate against its benchmark over the past year

5-vear

adjustable-rate

mortgage (ARM)

 $\mathsf{M}\,\mathsf{J}\,\mathsf{J}\,\mathsf{A}\,\mathsf{S}\,\mathsf{O}\,\mathsf{N}\,\mathsf{D}\,\mathsf{J}\,\mathsf{F}\,\mathsf{M}\mathsf{A}$ 

Federal-funds rate target

Money market, annual yield

Five-year CD, annual yield

30-year mortgage, fixed<sup>†</sup>

15-year mortgage, fixed<sup>†</sup>

New-car loan, 48-month

Jumbo mortgages, \$647,200-plus<sup>†</sup>

Five-year adj mortgage (ARM)†

Bankrate.com rates based on survey of over 4,800 online banks. banks.† Excludes closing costs.

**Selected rates** 

Five-year ARM, Rate

**RTN Federal Credit Union** 

East Cambridge Savings Bank

Florence Savings Bank

Hanscom Federal Credit Union

Raymond James Bank, NA

Hanscom AFB, MA

St. Petersburg, FL

0.00

0.11

0.07

0.41

3.00

2.28

3.03

2.82

3.41

3.25

Bankrate.com avg†:

Waltham, MA

Cambridge, MA

Florence, MA

#### Percentage Gainers...

		LC	irear aeaa	1011		72-4466	
Company	Symbol	Close	Net chg	% chg	High	Low	% chg
Swvl Holdings	SWVL	6.30	2.04	47.89	10.75	4.17	-35.8
Redbox Entertainment	RDBX	3.06	0.52	20.47	27.22	1.61	-69.2
Pulse Biosciences	PLSE	4.28	0.59	15.99	29.16	3.04	-79.4
MicroSectors Gold 3X Invr	GDXD	8.47	1.11	<b>15.0</b> 8	29.26	6.63	-53.2
GSI Technology	GSIT	4.15	0.52	14.33	6.79	3.48	-34.4
Alpha Tau Medical	DRTS	10.17	1.26	14.14	20.65	8.20	4.3
Nortech Systems	NSYS	12.75	1.57	14.00	14.20	5.45	107.3
American Realty Investors	ARL	22.25	2.63	13.40	23.02	7.71	159.9
Sky Harbour Group	SKYH	6.34	0.73	13.01	43.41	5.25	-36.8
Red Cat Holdings	RCAT	2.26	0.26	13.00	7.46	1.46	-45.8
Direxion S&P Biotech Bear	LABD	44.54	5.01	12.67	55.46	16.67	106.0
Vitru	VTRU	17.34	1.84	11.87	18.48	10.61	39.1
MedAvail Holdings	MDVL	3.03	0.32	11.81	14.59	0.79	-76.6
Genasys	GNSS	3.07	0.32	11.64	7.30	2.40	-55.8
Wrap Technologies	WRAP	3.46	0.36	11.61	9.80	1.60	-33.8

#### **Most Active Stocks**

Company	Symbol	Volume (000)	%chg from = 65-day avg	Latest S Close	ession % chg	52-W High	eek
Cyngn	CYN	218,842	91304.2	2.12	96.30	9.91	1.08
Borqs Technologies	BRQS	199,241	1101.9	0.36	14.03	1.60	0.17
ProShares UltraPro QQQ	TQQQ	133,775	17.8	45.09	-5.87	91.68	39.56
Mullen Automotive	MULN	121,764	-2.3	1.40	-0.71	15.90	0.52
ProSh UltraPro Shrt QQQ	SQQQ	115,204	28.2	41.80	<b>5.9</b> 8	65.85	28.15
Apple	AAPL	87,079	-5.5	166.42	-0.48	182.94	122.25
Clarus Therapeutics Hldgs	CRXT	86,398	1216.8	2.31	11.06	31.24	0.61
SPDR S&P 500	SPY	84,978	-24.7	438.06	-1.50	479.98	404.00
American Airlines Group	AAL	83,851	86.9	20.22	3.80	26.04	12.44
AT&T	Т	81,199	52.1	20.21	4.01	25.57	16.62

Scan this code to get realtime U.S. stock auotes and track most-active

mutual funds.

notes and bonds

Tradeweb ICE

Thursday Close

month(s)

Treasury yield curve

Yield to maturity of current bills,

One

year ago

years

maturity

3 6 1 2 3 5 7 10 20 30

**CREDIT MARKETS** 

3.56%

2.88%

3.00%

3.00%

3.25%

3.25%

-2.00

-1.40

-0.52

-1.46

1.07

0.78

0.89

-0.86

781-736-9900

866-354-3272

800-644-8261

800-656-4328

800-718-2265

0.50

3.50 -2.00

1.18

0.08

0.55

5.34

4.50

5.32

3.56

4.12 -0.69

\*Base rate posted by 70% of the nation's largest

Sources: FactSet; Dow Jones Market Data; Bankrate.com

52-Week Range (%) — 3-yr chg Low 0 2 4 6 8 High (pct pts)



\* Volumes of 100,000 shares or more are rounded to the pearest thousand

Compare the commodities at

**Forex Race** 

2021

Track the Markets performance of selected global stock indexes. bond ETFs, currencies and wsj.com/graphics/track-the-markets

Yen, euro vs. dollar; dollar vs.

WSJ Dollar Index

major U.S. trading partners

#### **Percentage Losers**

		— La	test Sess	ion —		-52-Wee	-k
Company	Symbol	Close	Net chg	% chg	High	Low	% chg
Voyager Therapeutics	VYGR	7.25	-2.84	-28.15	10.60	2.46	54.3
GWG Holdings	GWGH	2.00	-0.77	-27.80	10.90	1.45	-70.4
Sharps Technology	STSS	1.75	-0.55	-23.91	3.62	1.66	
Elys Game Technology	ELYS	1.57	-0.47	-23.04	6.72	1.47	-61.4
Heartcore Enterprises	HTCR	1.85	-0.54	-22.59	6.19	1.84	
Indonesia Energy	INDO	18.44	-5.31	-22.36	86.99	2.61	222.4
Terran Orbital	LLAP	4.63	-1.20	-20.58	12.69	3.80	
Monarch Casino Resort	MCRI	75.01	-18.07	-19.41	94.26	56.35	12.8
Digital World Acqn Cl A	DWAC	37.96	-7.95	-17.32	175.00	9.84	
Green Giant	GGE	2.22	-0.46	-17.26	3.80	1.40	2.2
Alcoa	AA	72.20	-14.73	-16.94	98.09	31.00	117.4
Vigil Neuroscience	VIGL	6.14	-1.20	-16.35	18.27	6.01	
Creative Medical Tech	CELZ	2.05	-0.40	-16.33	25.15	1.32	-90.2
Intrepid Potash	IPI	98.81	-18.93	-16.08	121.72	22.82	242.3
Uranium Energy	UEC	5.13	-0.98	-16.04	6.60	1.89	89.3

#### **Volume Movers** Ranked by change from 65-day average

Company	Symbol	Volume (000)	%chg from <sup>-</sup> 65-day avg	Latest S Close	ession— % chg	52-W High	eek
iSh BB Rated Corp Bd	HYBB	1,513	11694	47.17	-0.58	52.80	47.16
iSh iBonds Dec 2031 Corp	IBDW	1,135	7448	21.44	-0.97	25.88	21.40
DTRT Hith Acqn CI A	DTRT	1,596	6423	10.04	0.10	12.03	9.73
Pyrophyte Acquisition	PHYT	1,279	5743	10.02	0.20	10.41	9.85
KnightSwan Acqn Cl A	KNSW	589	5063	9.98	0.10	10.00	9.84
Winc	WBEV	1,828	4738	4.69	-6.57	14.20	2.83
Spindletop Hlth Acqn	SHCA	1,166	4248	9.99	-0.50	10.87	9.55
Overlay Shares Core Bd	OVB	1,328	3663	22.57	-0.81	27.83	22.53
iSh iBonds Dec 2030 Corp	IBDV	1,108	3579	22.01	-0.58	27.00	21.95
FT Nasdaq Food Bev	FTXG	1,428	3366	28.76	-0.76	29.66	24.00
* Common stocks priced at \$2 a s 5.000 shares			average vo	lume ove	r 65 tradii	ng days of	at least

#### **CURRENCIES & COMMODITIES**

#### **Currencies**

U.Sdollar foreign-exchange rates in late New York trading										
			US\$vs,				US\$ vs,			
		nurs —	YTD chg			nurs —	YTD chg			
Country/currency	in US\$	per US\$	(%)	Country/currency	in US\$	per US\$	(%)			
Americas				<b>Vietnam</b> dong	.00004355	22963	0.5			
Argentina peso	.0088	L14.0820	11.1	Europe						
Brazil real	.2163	4.6224	-17.0	Czech Rep. koruna	.04446	22.494	2.8			
Canada dollar	.7948	1.2582	-0.5	Denmark krone	.1456	6.8685	5.0			
Chile peso	.001212	824.85	-3.2	Euro area euro	1.0835	.9230	5.0			
Colombiapeso	.000265	3771.67	-7.2	<b>Hungary</b> forint	.002923	342.06	5.4			
Ecuador US dollar	1	1	unch	<b>Iceland</b> krona	.007793	128.32	-1.1			
Mexico peso	.0496	20.1709	-1.6	Norway krone	.1123	8.9026	1.1			
<b>Uruguay</b> peso	.02450	40.8150	-8.7	Poland zloty	.2335	4.2828	6.3			
Asia-Pacific				Russia ruble	.01236	80.875	8.1			
Australian dollar	.7370	1.3569	-1.4	Sweden krona	.1051	9.5165	5.1			
China yuan	.1550	6.4506	1.5	Switzerland franc	1.0487	.9536	4.5			
Hong Kong dollar	.1275	7.8449	0.6	Turkey lira	.0680	14.7065	10.4			
India rupee	.01311	76.261	2.3	<b>Ukraine</b> hryvnia	.0340	29.4500	7.7			
Indonesia rupiah	.0000697	14344	0.6	<b>UK</b> pound	1.3029	.7675	3.8			
Japan yen	.007789	128.39		Middle East/Afri	ica					
Kazakhstan tenge	.002253	443.77	2.0	Bahrain dinar	2.6529	.3770	unch			
Macau pataca	.1237	8.0860	0.6	Egypt pound	.0538	18.5784	18.3			
Malaysia ringgit	.2330	4.2910	3.0	<b>Israel</b> shekel	.3082	3.2444	4.4			
New Zealand dollar	.6734	1.4850	1.6	Kuwait dinar	3.2752	.3053	0.9			
Pakistan rupee	.00535	187.000	6.1	Oman sul rial	2.5974	.3850	unch			
Philippines peso	.0191	52.395	2.7	<b>Qatar</b> rial	.2738	3.653	0.3			
Singapore dollar	.7332	1.3639	1.1	Saudi Arabia riyal	.2666	3.7506	-0.1			
South Korea won	.0008048	1242.56	4.5	South Africa rand	.0650	15.3819	-3.5			
Sri Lanka rupee	.0029851	335.00	65.1		Class No.		TD # C			
Taiwan dollar	.03414	29.289	5.7		Close Net C					
Thailand baht	.02949	33.910	2.0	WSJ Dollar Index	93.25 0.3	37 0.40	4.13			

### Sources: Tradeweb ICE U.S. Treasury Close; Tullett Prebon; Dow Jones Market Data

3.50%

2.80

2.10

1.40

0.70

\_\_\_\_0.00

#### **Corporate Borrowing Rates and Yields** Bond total return index Last Weekago High Low 2.870 **U.S. Treasury** Bloomberg 2189.860 0.780 2.710 2.870 $\textbf{U.S. Treasury Long}, {\sf Bloomberg\,3681.420}$ 3.050 3.030 3.110 1.720 **-12.078** 1.170 Aggregate, Bloomberg 2035.840 3.430 3.280 3.440 1.340 -8.483 0.575 Fixed-Rate MBS, Bloomberg 2010.320 3,540 3.420 3.600 1.590 **-9.102** -0.616 High Yield 100, ICE BofA 3246.133 6.276 6.109 6.286 -3.528 2.357 3.162 553.822 2.641 2.854 0.687 -7.408 0.750 Muni Master, ICE BofA 2.854 EMBI Global, J.P. Morgan 6.369 n.a. n.a.

Sources: J.P. Morgan; Bloomberg Fixed Income Indices; ICE Data Services

### **Commodities**

Sources: Tullett Prebon, Dow Jones Market Data

	Close	Net chg	% Chg	High	Low	% Chg	% chg
DJ Commodity	1221.85	3.61	0.30	1264.48	844.11	44.75	29.13
Refinitiv/CC CRB Index	309.21	1.96	0.64	315.95	194.68	58.83	33.06
Crude oil, \$ per barrel	103.79	1.60	1.57	123.70	61.43	68.96	38.00
Natural gas, \$/MMBtu	6.957	0.020	0.29	7.820	2.730	153.07	86.51
Gold, \$ per troy oz.	1944.90	-7.40	-0.38	2040.10	1721.50	9.19	6.42

### **COMMODITIES**

wsj.com/market-data/commodities

#### **Futures Contracts**

THE WALL STREET JOURNAL.

	М	etal & Pe	etroleum	Future	s	
						0
	0	Cont		Settle	Ch.	Open
_	Open		lo Low	Settle	Chg	interest
	-High (C	<b>MX)</b> -25,000	lbs.;\$perlb.			
April				4.7035	0.0540	1,486
July	4.6865	4.7355	4.6545	4.7225	0.0470	95,012
		roy oz.;\$ per				
April	1942.50	1943.10	1942.50	1944.90	-7.40	1,040
May	1955.00	1955.20	1935.80	1945.40	-7.50	3,344
June	1960.00	1960.10	1938.00	1948.20	-7.40	469,685
Aug	1964.20		1944.80	1955.00	-7.30	50,924
Oct	1969.50	1972.20	1953.30	1962.50	-7.00	12,781
Dec	1980.10	1980.10	1959.70	1971.30	-6.30	28,689
	um (NYM	<b>)</b> - 50 troy oz	z.;\$ per troy oz			
April				2416.90	-41.90	1
June	2432.50	2480.50	2372.50	2420.20	-41.90	6,079
	m (NYM)	-50 troy oz.;:	\$ per troy oz.			
April				965.30	-17.50	221
July	987.60	991.30	965.00	967.80	-19.20	52,578
		)0 troy oz.;\$				
April	25.280	25.280	24.665	24.621	-0.649	6
July	25.385	25.390	24.555	24.702	-0.653	94,931
			<b>YM)</b> -1,000 bb			
June	102.50	105.42	102.01	103.79	1.60	309,245
July	101.66	104.47	101.25	102.96	1.60	153,319
Sept	98.80	101.55	98.69	100.23	1.47	98,071
Dec	94.80	96.99	94.41	95.89	1.40	240,196
June'23	87.93	90.05	87.70	89.21	1.45	113,459
Dec	83.31	85.32	83.16	84.62	1.38	131,691
			2,000 gal.; \$ pe			
May	3.9581	3.9976	3.8275	3.9008	0723	31,373
June	3.6649	3.7014	3.5676	3.6267	0407	65,276
			)-42,000 gal.; \$			
May	3.3125	3.3496	3.2703	3.3386	.0538	51,677
June	3.2943	3.3280	3.2505	3.3175	.0557	92,631
			MMBtu.;\$per			
May	6.825	7.146	6.703	6.957	.020	37,952
June	6.954	7.274	6.832	7.096	.031	128,993
July	7.054	7.369	6.936	7.189	.031	161,432
Sept	7.020	7.280	6.879	7.143	.041	79,879
Oct	7.063	7.309	6.893	7.155	.043	95,760
Jan'23	7.363	7.668	7.260	7.504	.035	60,962
		Agricu	ilture Fut	ures		
Corn	BT)-5.000	bu.; cents pe	er bu			
May	814.00	814.25	797.50	799.25	-16.50	208,947
July	808.50	809.50	793.25	795.25	-14.75	635,563
		bu.; cents pe		, , , , , ,	2,	
May	728.50	731.00	705.00	711.50	-12.00	540
luly	724 50		705.00		-11 50	1 711

 May
 728.50
 731.00
 705.00

 July
 724.50
 729.00
 705.00

 Soybeans (CBT)-5,000 bu; cents per bu.

 Soybeans (CBT) - 5,000 per length

 May
 1747.50
 1752.75
 1728.25

 July
 1717.00
 1726.25
 1704.75

 Soybean Meal (cBT) - 100 tons;
 \$ per ton.

 473.00
 473.00
 465.20

 May
 473.00
 473.00
 465.20

 July
 466.50
 467.80
 460.50

 Soybean Oil (CBT)-60,000 lbs; cents per lb.

 Soybean Oil (CBT) - 60,000 i lbs, seek.

 May
 80.88
 81.95
 ▲
 80.00

 July
 78.80
 80.10
 ▲
 78.42

 Rough Rice (CBT) - 2,000 cwt; \$ per cwt.

 16.21
 16.28
 16.08

 April
 157.650
 158.500
 157.475

 Aug
 174.500
 176.650
 173.875

 Cattle-Live (CME)-40,000 lbs; cents per lb.

 April
 143.175
 144.225
 143.175

 June
 138.800
 139.950
 137.875

 Hogs-Lean (CME)-40,000 lbs; cents per lb.

1005.10 1041.40 949.40 986.60 July 949.40 986.60 94.

Milk (CME)-200,000 lbs., cents per lb.

Cocoa (ICE-US)-10 metric tons; \$ per ton. 2,543 2,604

220.25 228.15 220.50 228.90

New Highs and Lows

24.30 24.09

July 2,604 2,61/ **Coffee (ICE-US)**-37,500 lbs.;

 May
 112.275
 112.675
 110.025
 110.

 June
 118.450
 119.100
 116.550
 117.

 Lumber (CME)-110,000 bd. ft., \$ per 1,000 bd. ft.

24.32 24.64

2,557 2,617

May 16.21 16.28 10.00 16.58 1.9

July 16.44 16.63 16.43 16.58 1.9

Wheat (CBT)-5,000 bu; cents per bu:

1094.25 1094.25 1052.50 1068.00 -20.00

 Wheat (CBT)-5,000 bu; cents per us.

 May
 1094.25
 1094.25
 1052.05
 1068.00
 -20.00
 29,756

 July
 1103.00
 103.00
 1061.75
 -21.00
 171,076

 Wheat (KC)-5,000 bu; cents per bu.

 May
 1167.75
 168.25
 1128.75
 1137.75
 -25.50
 16,36

 July
 1173.25
 1174.00
 1133.75
 143.50
 -26.00
 94,991

 Cattle-Feeder (CME)-50,000 lb; cents per lb.

 April
 157.650
 158.500
 157.475
 158.450
 .95
 1,703

 April
 157.650
 158.500
 173.875
 176.450
 2.975
 20,708

1.50 125,777 2.50 290,020

-2.50**463.90** -2.40 189,795

63,411

.89 155,778

1748.25

1719.50

468.90

81.50

173.875 **176.450** 2.975 143.175 **144.100** 1.025 5,401 137.875 **139.900** 1.275 132,903

110.025 **110.850** -1.625 116.550 **117.175** -1.575

24.31 24.57

2,540 2,592

.04 .40

-1

8.65 101,332

4,642 5,850

92,229

989.80 **1025.00** 941.70 **970.00** 

24.28 23.88

2,511 2,565

217.60

705.00 705.00

			ntract			Oper
	0pen	High hi	lo Low	Settle	Chg	interest
Sugar-	-World (10	CE-US)-112	,000 lbs.; cent	s per lb.		
May	19.70	19.94	19.57	19.87	.25	81,180
July	19.59	19.86	19.49	19.81	.26	390,187
Sugar-	-Domesti	ic (ICE-US)	-112,000 lbs.;	cents per ll	O.	
July				36.45		1,278
Sept				36.40		1,678
			cents per lb.			
May	140.38	140.85	138.55	138.59	-1.80	2,595
July	138.70	139.17	136.82	137.89	99	99,040
			000 lbs.; cents		2.45	2.047
May	169.30	173.40	168.00	173.00	3.65	3,267
July	165.50	169.40	164.45	168.65	3.25	8,270
		Intere	st Rate Fu	tures		
Ultra 1	reasury	Bonds (C	<b>BT)</b> - \$100,00	0; pts 32nd	s of 100	%
June	163-040	163-070	159-220	161-100		1,286,605
Sept	161-000	161-000	161-000			1
Treası			00,000; pts 32		)%	
June	141-050	141-080	139-090	140-020		1,135,586
Sept				139-030	-30.0	290
			00,000; pts 32			
June	119-165	119-180	118-140	118-240		3,705,062
Sept				118-075	-24.5	2,288
			<b>T)</b> -\$100,000;			
June	112-275	112-280	112-037	112-097		3,850,749
Sept		latas (cr	<b>=</b>	111-267	-17.7	644
		105-171	<b>T)</b> -\$200,000; 105-070	pts 32nds <b>105-096</b>		2,250,530
June Sept	105-16/	105-1/1	105-070	105-096	-6.9 -6.9	2,250,530
	/ Federal	Funds (	<b>BT)</b> -\$5,000,0			57
April	99.6700	99.6700	99,6675	99.6675	any avg.	518,816
Mav	99.2300	99.2350	99,2000	99,2150	0150	334,947
10 Yr. I	Del. Int. R	Rate Swa	<b>ps (CBT)</b> -\$10	00,000; pts	32nds o	f100%
June			•	86-220	-19.0	11,305
Three-		OFR (CM	<b>E)</b> -\$1,000,000	);100 - dai	y avg.	
March	99.4875	99.4875	99.4725	99.4800	0075	536,852
June'23				96.6650	1400	585,817
			00; pts of 100			
May	98.5350		▼ 98.4425	98.4750		
June	98.2600		▼ 98.1400			1,008,625
Dec	97.0350		▼ 96.8100	96.8650		1,392,621
Dec'23	96.6400	96.6450	▼ 96.4700	96.5100	1300	1,269,827
		Curr	ency Futu	ires		
Japan	ese Yen (	CME)-¥12.	500,000; \$ per	100¥		
			, ο, φ pci			

Jupui			500,000; \$ pei	100¥		
May	.7796	.7828	.7775	.7802	0028	1,199
June	.7827	.7836	.7781	.7808	0028	241,590
Canad	dian Dolla	r (CME)-C	AD 100,000;\$	per CAD		
May	.8006	.8025	.7942	.7949	0047	828
June	.8000	.8024	.7939	.7947	0047	150,962
<b>Britis</b>	h Pound (	CME)-£62,	500; \$ per £			
May	1.3073	1.3088	1.3022	1.3026	0029	921
June	1.3061	1.3088	1.3020	1.3025	0029	242,267
Swiss	Franc (CI	<b>ME)</b> -CHF 12	5,000; \$ per C	HF		
June	1.0566	1.0598	▼ 1.0490	1.0515	0048	45,389
Sept	1.0660	1.0666	▼ 1.0567	1.0586	0047	153
Austr	alian Doll	ar (CME)-	AUD 100,000;	\$ per AUD		
May	.7436	.7461	.7367	.7373	0070	136
June	.7457	.7465	.7370	.7376	0071	144,359
Mexic	an Peso (	CME)-MXN	1500,000;\$p	er MXN		
May				.04928	00041	10
June	.04951	.04957	.04894	.04902	00042	165,711
Euro (	CME)-€125	,000; \$ per <del>(</del>	E			
May	1.0838	1.0945	1.0834	1.0848	0004	2,314
June	1.0874	1.0959	1.0845	1.0861	0004	668,647
		Inc	iex Futur	25		
Minei F	Lindingto					
		rial Avera	age (CBT)-\$5	x index	270	00 220
June	35125	rial Avera 35413	age (CBT)-\$5 34635	x index <b>34709</b>		
June Sept	35125 35141	rial Avera 35413 35405	<b>age (CBT)-</b> \$5 34635 34649	x index <b>34709</b>	-370 -374	
June Sept <b>Mini S</b>	35125 35141 <b>5&amp;P 500</b> (	rial Avera 35413 35405 CME)-\$503	34635 34649 x index	34709 34701	-374	468
June Sept <b>Mini S</b> June	35125 35141 <b>5&amp;P 500</b> (6 4468.00	35413 35405 CME)-\$503 4509.00	34635 34649 x index 4380.00	34709 34701 4390.50	-374 -65.00	468 2,113,540
June Sept <b>Mini S</b> June Sept	35125 35141 <b>5&amp;P 500 (</b> 4468.00 4475.00	35413 35405 <b>CME)</b> -\$503 4509.00 4513.25	34635 34649 x index 4380.00 4384.25	34709 34701 4390.50 4394.75	-374 -65.00	468 2,113,540
June Sept Mini S June Sept Mini S	35125 35141 <b>5&amp;P 500 (</b> 0 4468.00 4475.00 <b>5&amp;P Midca</b>	35413 35405 CME)-\$503 4509.00 4513.25 ap 400 (c	34635 34649 x index 4380.00 4384.25 <b>(ME)</b> -\$100 x in	34709 34701 4390.50 4394.75	-374 -65.00 -64.75	468 2,113,540 14,401
June Sept Mini S June Sept Mini S June	35125 35141 <b>5&amp;P 500 (</b> 4468.00 4475.00	35413 35405 CME)-\$503 4509.00 4513.25 ap 400 (c	34635 34649 x index 4380.00 4384.25	34709 34701 4390.50 4394.75 ndex 2649.20	-374 -65.00 -64.75 -49.40	468 2,113,540 14,401 46,888
June Sept Mini S June Sept Mini S June Sept	35125 35141 <b>5&amp;P 500</b> (0 4468.00 4475.00 <b>5&amp;P Midca</b> 2706.10	35413 35405 CME)-\$509 4509.00 4513.25 ap 400 (C 2727.80	34635 34649 x index 4380.00 4384.25 (ME)-\$100 x ir 2642.10	34709 34701 4390.50 4394.75	-374 -65.00 -64.75 -49.40	468 2,113,540 14,401 46,888
June Sept Mini S June Sept Mini S June Sept Mini N	35125 35141 <b>5&amp;P 500 (</b> 0 4468.00 4475.00 <b>5&amp;P Midca</b> 2706.10	35413 35405 CME)-\$509 4509.00 4513.25 ap 400 (C 2727.80	34635 34635 34649 x index 4380.00 4384.25 3ME)-\$100 x ir 2642.10	34709 34701 4390.50 4394.75 ndex 2649.20 2655.20	-374 -65.00 -64.75 -49.40	468 2,113,540 14,401 46,888 2
June Sept Mini S June Sept Mini S June Sept Mini N June	35125 35141 <b>5&amp;P 500 (</b> 4468.00 4475.00 <b>5&amp;P Midca</b> 2706.10 <b>Nasdaq 1C</b> 14070.00	7ial Avera 35413 35405 CME)-\$50: 4509.00 4513.25 ap 400 (C 2727.80 OO (CME)-\$	3469 (CBT)-\$5 34635 34649 x index 4380.00 4384.25 2ME)-\$100 x ir 2642.10	34709 34701 4390.50 4394.75 adex 2649.20 2655.20	-374 -65.00 -64.75 -49.40 -49.40	468 2,113,540 14,401 46,888 2 228,387
June Sept Mini S June Sept Mini S June Sept Mini S June Sept Mini N June Sept	35125 35141 5&P 500 (c 4468.00 4475.00 5&P Midca 2706.10 Nasdaq 1C 14070.00 14114.25	rial Avera 35413 35405 CME)-\$50: 4509.00 4513.25 ap 400 (C 2727.80 CME)-\$14283.00 14316.75	34649 34649 x index 4380.00 4384.25 3462.10 320 x index 13667.50 13707.00	34709 34701 4390.50 4394.75 ndex 2649.20 2655.20	-374 -65.00 -64.75 -49.40 -49.40	468 2,113,540 14,401 46,888 2 228,387
June Sept Mini S June Sept Mini S June Sept June Sept Mini N June Sept Mini F Mini F	35125 35141 5&P 500 ( 4468.00 4475.00 5&P Midca 2706.10 Nasdaq 1C 14070.00 14114.25 Russell 20	rial Avera 35413 35405 CME)-\$503 4509.00 4513.25 ap 400 (C 2727.80  00 (CME)-\$14283.00 14316.75 000 (CME)	34649 × index 4380.00 4384.25 5462.10 520 × index 13667.50 13707.00 1-\$50 × index	34709 34701 4390.50 4394.75 adex 2649.20 2655.20 13728.25 13765.00	-374 -65.00 -64.75 -49.40 -49.40 -276.50 -275.75	468 2,113,540 14,401 46,888 2 228,387 2,082
June Sept Mini S June Sept Mini S June Sept June Sept Mini N June Sept Mini F June	35125 35141 5&P 500 (c) 4468.00 4475.00 5&P Midci 2706.10 Nasdaq 1C 14070.00 14114.25 Russell 2O 2040.00	rial Avera 35413 35405 CME)-\$50: 4509.00 4513.25 ap 400 (C 2727.80 00 (CME)-\$14283.00 14316.75 000 (CME)-\$2060.90	34635 34649 x index 4380.00 4384.25 ME)-\$100 x in 2642.10 \$20 x index 13667.50 13707.00 -\$50 x index 1982.30	34709 34701 4390.50 4394.75 adex 2649.20 2655.20 13728.25 13765.00	-374 -65.00 -64.75 -49.40 -276.50 -275.75	468 2,113,540 14,401 46,888 2 228,387 2,082 456,775
June Sept Mini S June Sept Mini S June Sept Mini S June Sept Mini N June Sept Mini F June Sept	35125 35141 5&P 500 (c) 4468.00 5&P Midca 2706.10 Nasdaq 1C 14070.00 14114.25 Russell 2C 2040.00 2048.60	rial Avera 35413 35405 CME) +\$50 : 4509 .00 4513.25 ap 400 (C 2727.80 CME) +\$14283.00 14316.75 C000 (CME) 2060.90 2062.00	34635 34649 x index 4380.00 4384.25 ME)-\$100 x in 2642.10 \$20 x index 13667.50 13707.00 -\$50 x index 1982.30 1985.10	34709 34701 4390.50 4394.75 adex 2649.20 2655.20 13728.25 13765.00	-374 -65.00 -64.75 -49.40 -276.50 -275.75	468 2,113,540 14,401 46,888 2 228,387 2,082 456,775
June Sept Mini S June Sept Mini S June Sept Mini S June Sept Mini N June Sept Mini F June Sept Mini F June	35125 35141 5&P 500 (c 4468.00 4475.00 5&P Midca 2706.10 Nasdaq 1C 14070.00 14114.25 Russell 2O 2040.00 2048.60 Russell 10	rial Avera 35413 35405 CME)-\$50: 4509.00 4513.25 ap 400 (C 2727.80 00 (CME)-\$ 14283.00 14316.75 100 (CME) 2066.00 100 (CME)	34635 34649 x index 4380.00 4384.25 <b>CME)-</b> \$100 x ir 2642.10 \$20 x index 13667.50 13707.00 -\$50 x index 1982.30 1985.10	34709 34701 4390.50 4394.75 adex 2649.20 2655.20 13728.25 13765.00	-374 -65.00 -64.75 -49.40 -49.40 -275.75 -47.80 -48.20	468 2,113,540 14,401 46,888 2 228,387 2,082 456,775 262
June Sept Mini S June Sept Mini S June Sept Mini N June Sept Mini F June Sept Mini F June	35125 35141 5&P 500 (c 4468.00 4475.00 5&P Midca 2706.10 Nasdaq 1C 14070.00 14114.25 Russell 2O 2048.60 2048.60 Russell 10 2477.70	rial Avera 35413 35405 CME)-\$500 4513.25 ap 400 (C 2727.80  00 (CME)-\$14283.00 14283.00 14316.75 000 (CME) 2060.90 2062.00 000 (CME) 2486.30	34635 34649 x index 4380.00 4384.25 ME)-\$100 x in 2642.10 \$20 x index 13667.50 13707.00 -\$50 x index 1982.30 -\$50 x index 2413.70	x index 34709 34701 4390.50 4394.75 adex 2649.20 2655.20 13728.25 13765.00 1988.90 1990.70 2419.00	-374 -65.00 -64.75 -49.40 -49.40 -275.75 -47.80 -48.20	468 2,113,540 14,401 46,888 2 228,387 2,082 456,775 262
June Sept Mini S June Sept Mini S June Sept Mini N June Sept Mini F June Sept	35125 35141 5&P 500 (c 4468.00 4475.00 5&P Midca 2706.10 Nasdaq 10 14174.25 Russell 20 2040.00 2048.60 Russell 10 2477.70 colollar Inde	rial Avera 35413 35405 CME)-\$50: 4509.00 4513.25 ap 400 (C 2727.80 00 (CME)-\$14283.00 14316.75 000 (CME) 000 (CME) 2486.30 ex (ICE-US)	34635 34649 x index 4380.00 4384.25 ME)-\$100 x in 2642.10 \$20 x index 13667.50 13707.00 -\$50 x index 1982.30 1985.10 -\$50 x index	34709 34701 4390.50 4394.75 adex 2649.20 2655.20 13728.25 13765.00 1988.90 1990.70 2419.00	-374 -65.00 -64.75 -49.40 -276.50 -275.75 -47.80 -48.20 -39.30	468 2,113,540 14,401 46,888 2 228,387 2,082 456,775 262 11,994
June Sept Mini S June Sept Mini S June Sept Mini N June Sept Mini F June Sept June Sept June Sept June June June June June June June June	35125 35141 5&P 500 ( 4468.00 4475.00 5&P Midca 2706.10 Nasdaq 1C 14070.00 14114.25 Russell 2C 2040.00 2048.60 Russell 1D 2477.70 vollar Inde	rial Avera 35413 35405 CME)-\$50: 4599.00 4513.25 ap 407.00 (CME)-\$138.00 14316.75 2066.09 2062.00 (CME)-\$2486.30 2×4 (ICE-US) 100.68	34635 34649 x index 4380.00 4384.25 <b>XME)</b> \$100 x ir 2642.10 \$20 x index 13667.50 13707.00 -\$50 x index 1982.30 -\$50 x index 2413.70 -\$1,000 x index 99.81	34709 34701 4390.50 4394.75 adex 2649.20 2655.20 13728.25 13765.00 1988.90 1990.70 2419.00	-374 -65.00 -64.75 -49.40 -276.50 -275.75 -47.80 -48.20 -39.30	468 2,113,540 14,401 46,888 2 228,387 2,082 456,775 262 11,994 57,151
June Sept Mini S June Sept Mini S June Sept Mini N June Sept Mini F June Sept	35125 35141 5&P 500 ( 4468.00 4475.00 5&P Midca 2706.10 Nasdaq 1C 14070.00 14114.25 Russell 2C 2040.00 2048.60 Russell 1D 2477.70 vollar Inde	rial Avera 35413 35405 CME)-\$50: 4509.00 4513.25 ap 400 (C 2727.80 00 (CME)-\$14283.00 14316.75 000 (CME) 000 (CME) 2486.30 ex (ICE-US)	34635 34649 x index 4380.00 4384.25 ME)-\$100 x in 2642.10 \$20 x index 13667.50 13707.00 -\$50 x index 1982.30 1985.10 -\$50 x index	34709 34701 4390.50 4394.75 adex 2649.20 2655.20 13728.25 13765.00 1988.90 1990.70 2419.00	-374 -65.00 -64.75 -49.40 -276.50 -275.75 -47.80 -48.20 -39.30	468 2,113,540 14,401 46,888 2 228,387 2,082 456,775 262 11,994 57,151

52-Wk % Sym Hi/Lo Chg Stock

Source: FactSet

52-Wk % Sym Hi/Lo Chg

												Stock	Sym	Hi/Lo	Cng	Stock	Sym	Hi/Lo	Chg	
The followin	a ovr	lanatio	nc a	pply to the Ne	w Vor	k Stoc	L Ev	hange NVSE	Arca	NIVSE		UltaBeauty Universal	ULTA	438.63 61.48	-2.3 0.3	Astrotech AtaraBiotherap	ASTC ATRA	0.60 7.31		В.
				Market stocks							w	UnumGroup	UNM	34.28	0.7	Athenex	ATNX	0.60	0.3	Kr
				-Daily percenta								ValmontInds	VMI	277.00	6.6	AtlanticusNts26		24.60		KI
				,	9			р				Valuence I VectorGroup	VMCAU VGR	10.14 13.38	0.6	AvaloTherap Avava	AVTX AVYA	0.51 10.82		HS
				Thursday,	April 2	1. 202	2					ViperEnergyPtrs		32.35	-4.6	AvePoint	AVPT	4.76		١
		52-Wk	94	1		52-Wk		ı		52-Wk	%	VisionSensingA		10.04	0.2	Avinger	AVGR	2.53	-8.5	Sł
tock		Hi/Lo		Stock		Hi/Lo		Stock		Hi/Lo		WEC Energy	WEC	106.82	0.3	AytuBioPharma		0.64		١_
				DuetAcqnA	DUET	9.94	0.1	LibertyFormOne C			1.0	W.P.Carey Walmart	WPC WMT	86.48 160.77	-0.4 0.2	BIPBermudaNts BitMining	BTCM	19.92 2.10		R
Hi	ghs			DarlingIngred	DAR	87.44	-3.9	LibertyFormOne A			1.4		WTMA	9.91	0.2		RILYP	25.10		l —
	_			DeepMedicineAcqn			7.5	LibertyOilfield	LBRT	20.05	0.7	WestlakeChemPtrs		29.40	-3.6	BadgerMeter	BMI	84.69	-2.6	
	AFL	67.20	-1.7	DelekLogistics	DKL	53.69	1.8	Loews	L	68.20	-1.0	Westlake	WLK	135.47	0.2	BancroftFdPfdA		23.91		•••
IBAcqnA -MarkPrecMet	AIB	9.96 89.19		DenaliCapAcqn	DECAU		0.5	MPLX	MPLX	35.49	-0.6	Williams	WMB WH	36.37 93.86	-0.7 -1.1	BankofAmPfdSS BankofAmNt66				
PA	APA	45.22	-4.6	DevonEnergy DollarGeneral	DVN DG	65.45 262.21	-5.4 -1.2	MarathonOil MarathonPetrol	MRO	27.97 93.16	-5.6 -2.5	WyndhamHtls XcelEnergy	XEL	76.05		BankofAmPfdGG				BI
P Acqn A	APCA	10.06	0.3	DollarTree	DLTR	177.19	-0.6	Markel	MKL	1519.25	-0.9	Aceichergy -	ALL	70.05	0.1	BankofAmPfdLL	BACpN	22.07	-1.2	
xiosSustGrwA		10.02		Dow	DOW	71.86	2.9	Marriott	MAR	195.90	-3.2	Lo	<b>WS</b>			BankofAmPfdKK				In
hariVenturesI ricanGoldA	AGAC	9.97 9.84	0.1 -0.1	DukeEnergy	DUK	116.33	-0.1	Marsh&McLen	MMC	183.14	2.5	AFC Gamma	AFCG	17.09	-20	BkofAmericaPfdNN BankofAmPfdPP				Ва
	AKAM		-1.6	E.MergeTechA EQ Health A	ETAC EQHA	9.95 9.82	0.1	MatadorRscs MauiLand	MTDR MLP	59.27 12.36	-5.9 6.5	AG Mortgage PfdC			0.1	BankofAmPfdQQ	RACDO	18.82 18.94	-1.3 -1.7	D.
llscriptsHlthcr		23.25	-1.4	EsgenAcqnA	ESAC	10.75	0.2	McGrathRent	MGRC		0.6	a.k.a.Brands	AKA	3.83	-3.5	BankHawaiiPfdA				G
Istate	ALL	144.46		EarthstoneEner		17.19	-1.2	McKesson	MCK	335.60		AT&T PfdA	TpA	20.82	-1.2	BeamTherap	BEAM	41.52	-3.8	_
	ALSA	9.93	-0.1	EdisonInt	EIX	73.32	-0.1	MercatoPtrsA	MPRA	10.00	0.5	AT&T PfdC	TpC	19.96	-1.5	BerkshireGrey	BGRY	2.06		V
	MO DOX	57.05 84.39	2.1	Enact Energom A	ACT ENCP	25.10 10.04	-4.0	MesaRoyalty	MTR MET	13.20	-2.2	ATIPhysTherapyWt AVROBIO	ATIP.WS AVRO	0.21	-12./ -4.5	BerkshireGreyWt BetterChoice	BGRYW BTTR	0.28 2.00	11.8 -2.5	۱ °'
	AEE	99.20	-0.7	EnergemA EnergyTransfer		12.08	0.2 -2.0	MetLife MolinaHealthcare		73.18 350.19	-1.2 -1.9	AberdeenIncmPfdA	ACPpA	22.51	-5.1	BigCommerce	BIGC	16.99		A
nericanFin	AFG	152.29	-0.8	EnLinkMid	ENLC	10.96	-2.8	NaturalGrocers		23.79	2.4	Accolade	ACCD	11.90	-5.9	Bio-Path	<b>BPTH</b>	2.80	-4.1	^"
	AIG	65.73	-2.0	Entergy	ETR	126.82	-0.4	NaturalResPtrs	NRP	47.78	-1.1	AcelRxPharm	ACRX	0.24	-8.0	BioAtla	BCAB	3.75		G
	ARL	23.02 167.19	-0.4		EPD	27.65	-0.2	NewJerseyRscs		47.50	-1.5	AcordaTherap AdagioTherap	ACOR ADGI	1.43	-5.3 -6.3	Biocept	BIOC BCRX	1.70 9.54		
nerisourceBrgn ndersons	ANDE	59.00	-4.1	EpsilonEnergy EquityResdntl	EPSN EQR	7.70 94.32	-2.8 0.5	NexTierOilfield NorthViewAcqn		11.83 9.88	-6.5 0.4	Adamis	ADMP	0.44	-5.3	BioCryst BioLifeSols	BLFS	13.34		Ch
	ANTM		-1.3	EssexProp	ESS	363.36	0.9	Nucor	NUE	187.90	3.7	AdaptiveBiotech		9.20	-6.5	BiomeaFusion	BMEA		-10.3	l —
	AON	341.98	0.1	EuroDry	EDRY	44.99	7.1	OGE Energy	OGE	42.74	-0.1	AdvantageSolns		5.07	-2.7	BioXcelTherap	BTAI	13.14		Н
	AIRC	55.82	0.4	EverestConsolidA		10.04	0.2	ONEOK	OKE	75.07	-2.9	AegonNts2049	AEFC AERC	22.01	-1.9	BirdGlobal	BRDS	1.70		
	APSG.WS		0.7 8.8	Evergy EversourceEner	EVRG	73.13 94.63	-0.7 -0.2	OReillyAuto OccidentalPetro	ORLY	748.68 63.56	-2.1 -3.7	AeroCleanTech AffiliatedNts61	MGRD	2.93 18.12	-2.0 -2.2	BitDigital BlueSafariRt	BTBT	2.39	-5.9 -23.0	
	ACGL	50.73	-1.4	Exelon	EXC	50.71	-1.0	OccidentalPetrolWi			-5.6	AffiliatedNts60	MGRB	19.93	-2.0	BlueWaterVac	BWV		-11.4	Iss
	ADM	98.88	-2.2	ExlService	EXLS	154.98	-1.2	OlympicSteel	ZEUS	43.18	-4.5	Agenus	AGEN	2.11	-7.0	bluebirdbio	BLUE	4.01	-5.2	_
ssurant	AIZ	194.12	-1.4	Exterran	EXTN	7.70	-6.8	OmniLitAcqnA	OLIT	10.01	0.1	AgiosPharm	AGIO	23.80	-5.4	BoltBiotherap	BOLT	1.84		Aı
uroraTechA utoZone	ATAK AZO	9.92 2267.40	-0.9	FG Merger	FGMC	10.03 169.60	0.4	Ovintiv	OVV	57.21 168.50	-4.4 -0.6	AgricoAcqnWt Agrify	RICOW AGFY	0.14 3.36	-26.1 -7.1	BrookfieldBRP Nts BrookfldBRP4.875Nt		17.95 18.69		۲.,
	RCRP	19.24	-0.7	FTI Consulting FalconMinerals	FCN FLMN	7.84	1.4 -3.6	PackagingCpAm ParkeBancorp	PKBK	25.85	-0.5	Akerna	KERN	0.77	-6.7	BrookfieldFinNts		19.28		Ba
ankFirst	BFC	74.77	-1.4		FMAO	41.64	2.1	PattersonUTIEr		18.77	-4.0	AkeroTherap	AKRO	10.35		BrookfieldFinNts		19.53		l _
	WRB	71.53		FirstBusFinSvcs		35.27	-0.3	PembinaPipeline		41.21	-2.5	Akouos	AKUS	3.36	-3.4	BrookfldInfrPfdA14		18.90		Ro
erry(bry) ackMountainA	BRY	12.85 10.01	-1.9 0.2	FirstEnergy	FE	48.85 21.90	-0.7	PerceptionCapII	PCCT PPIH	10.04	3.9	Alector AlexcoRes	ALEC AXU	10.65 1.29	-5.0 -3.6	Brooklynlmmuno BrunswickNts2049		1.26 25.16		Ι.
	HRB	28.33	-0.1	FVCBankcorp Gallagher	FVCB AJG	187.02	0.7	Perma-PipeIntl PermianvilleRT	PVL	11.21 3.45	3.4	AligosTherap	ALGS	1.33	-6.7	BurningRockBio		6.45		Di
	BCOR	21.40	-3.3	GeneralMills	GIS	73.80	0.5	Pontem	PNTM.U		0.1	Allakos	ALLK	4.33	-6.4	ByrnaTech	BYRN	7.09	-3.0	_
	BOCN	10.03	0.2	GenieEnergy	GNE	7.22	-0.6	PostHoldings	POST	77.94	0.5	AllenaPharm	ALNA		-12.8	CHS PfdB2	CHSCN			Te
	BAH BOWLWS	91.46 3.90	0.1	GlobalinkInvt	GLLI	9.96	0.2	Prologis	PLD	174.54	-1.1	AllogeneTherap	ALLO ALLT	7.50		CMSEnerDeb78		24.53 19.24		L
	BOWL		0.5 -0.6	GraphicPkg GreenVisorI A	GPK GVCI	22.25 10.04	1.1 0.2	ProPetro ProvidentAcqnA	PUMP	16.93 9.89	-5.6	Allot AllstatePfdG	ALLI	6.12 24.65	1.6 -0.2	CMSEngyPfdC CNOFinDeb2060	CNOn/	20.18		Fo
	BMY	78.17	0.4	HCA Healthcare		279.02	-2.1	PublicServiceEnt		75.61	-0.1	AllstatePfdI	ALLPI	22.56	-1.1	CTORealtyPfdA				Qı
	BRX	27.19	-1.4	HF Sinclair	DINO	41.45	-5.0	PublicStorage	PSA	421.76	-1.7	AllstatePfdH	ALLpH		-0.4	CabalettaBio	CABA	1.35		Q
	BG	128.40	-2.9	HackettGroup	HCKT	24.48	0.3	RF Acqn	RFACU		0.1	Alpine4	ALPP	0.87	-3.9	CableOne		1345.37		_
	BRKH CMS	9.96 73.76	-0.3	Hanoverins	THG HP	155.55 50.50	-0.6	RLI	RLI RYN	119.07 45.87	4.7 -1.3	AltairEngg Altimmune	ALTR ALT	55.91 4.52	-3.5 -7.1	CadenceBkPfdA Calyxt	CLXT		-13.5	
VA Fin	CNA	50.33	-0.2	Helm&Payne HerculesCapital	HTGC	19.09	-4.4 -0.7	Rayonier RealtyIncome	0	75.40	-0.5	AltusPower	AMPS	6.17	-3.4		CWH	25.67		l —
nNaturalRes	CNQ	70.60		Hershey	HSY	231.60	-0.4	RedwoodsAcqn		10.16	-0.4	AmerFinDeb2059	AFGC	21.96	-0.5	Canoo	GOEV	4.70	-3.7	0
pitalworksEMA		10.03		HighPeakEner	HPK	35.02	2.7	RelativityAcqn	RACYU	10.16	0.5	AmFinDeb	AFGE	19.82	-1.9	CanooWt	GOEVW	0.93		١,٠
	CAH	64.53	-0.2 -1.9	HighPeakEnerWt	HPKEW	23.28	1.8	RelianceSteel	RS	204.93	-1.7	AmerSupercond		6.01 0.66	-4.5 -4.0	CapitalOnePfdJ CapitalOnePfdK	COEPA	20.07	-1.8 -1.1	Sp
	CARE	262.67 17.99	-1.9	Hilton HormelFoods	HLT HRL	167.99 55.11	-3.7 0.2	RyersonHolding SachemNts2027		44.09 24.90	-5.1 0.1	AmVirtualCloud AmpioPharm	AMPE		-27.1	CapOneFinlPfdL		18.39		-,
enovusEnergy		18.44	-4.5	HostHotels	HST	21.21	1.0	SailPointTechs	SAIL	64.42	-0.2	AmylyxPharm	AMLX	9.84	-8.8	CapOnePfdN	COFpN		-1.7	Se
novusEnergyWt	CVE.WS		-7.0	HudsonTech	HDSN	7.36	-3.0	SaulCenters	BFS	56.22	-0.8	AnaptysBio	ANAB	21.29	-3.2	CardiffOncology		1.50	-6.3	١.
	CNC	89.92		IRSA	IRS	5.77	-1.0	SeaWorldEnt	SEAS	76.57	-5.3	AnebuloPharm	ANEB	4.27	-8.2	Cardlytics	CDLX LOTZ	39.07 0.92		In
nterPointEner ncinnatiFin	CINF	33.00 143.22	-1.5 -0.7	ImperialOil IndepRealty	IMO IRT	52.54 28.42	-4.0 1.1	SenecaFoods A SilvercrestAsset			-1.2 -3.6	Angi AngionBiomed	ANGI ANGN	4.82 1.53	-2.4 -7.1	CarLotz CarMax	KMX	90.02		-
	CIVI	66.74	-2.9		IOAC	10.06	-0.2	Southern	SO	77.24	-0.1	AppliedDNA	APDN	1.85	-1.3	Carvana	CVNA	79.28	-10.1	Lι
eanEarthAcqns	CLINU	10.58		IntlSeaways	INSW	21.82	-1.4	SouthernUnA	SOLN	57.75	-0.1	AppliedMolecular		4.45	-6.6	CascadeAcqnWt		0.14		
	CLINW	0.20		IonisPharma	IONS	44.42		SouthwestGas	SWX	90.71	-1.4	ApyxMedical	APYX	4.80	1.4	CassavaSciences		18.07		In
ca-Cola mmercialMetals	KO CMC	67.00 46.68	0.4 -5.9	IronMountain	IRM	58.61	-0.2 0.5		STLD	100.37 17.52	1.9	Arcellx ArchCapitalPfdG	ACLX ACGUN	11.57 19.41	-2.6 -1.8	CazooWt Cel-Sci	CVM		-0.4	-
nstBrands A		261.52		JacobsEngg JaguarGlbGrwl Wt	JGGCW	150.32 0.27	58.8	SuburbanPropane SuncorEnergy	SU	35.09	-1.6 -3.5	ArcincapitalPidG	FUV	3.68	-3.3	Celcuity	CELC	6.88		Fo
orteva	CTVA	62.04	-1.8	KinsTech	KINZU	10.73	1.8	Switch	SWCH	31.91	-4.3	ArmadaHofflerPfA	AHHpA	24.20	-0.2	Cemtrex	CETX	0.50	-2.8	N
ounterPressA	CPAQ	10.08	0.8	Kellogg	K	70.18	1.1	Sysco	SYY	91.53	0.7	ArrayTech	ARRY	7.17		CeridianHCM	CDAY	57.91		I IA
	CPG	7.98	-4.8	KimbellRoyalty	KRP	17.72		TargaResources		81.50	-2.5	Arrival	ARVL	2.73	-2.8	Cerus ChannelAdvisor	CERS ECOM	4.53 14.53		
/xteraTech	CYXT	13.88 39.54	-5.9 -3.7	KimcoRealty KinderMorgan	KIM KMI	26.53 20.19	-1.0 0.1	TeekayTankers TeledyneTech	TNK TDY	17.63 493.97	-0.3 -1.9	AslanPharm AspiraWomenHlth	ASLN	0.68	-4.3 -3.7	SchwabPfdJ	SCHWp.			*Es
		27.24													-3.7	CharterComms				No
CP Midstream	DTE	140.23	-0.6	LPL Financial	LPLA	220.80	-7.3	TransGlobeEner	TGA	5.12	-5.8	AssetMarkFin	AMK	20.47		Charter Commis	CHIK	217.01		

Bonds | wsj.com/market-data/bonds/benchmarks

#### **Tracking Bond Benchmarks**

Return on investment and spreads over Treasurys and/or yields paid to investors compared with 52-week highs and lows for different types of bonds

Total

TOLdi					TOLAI					
return close	YTD total return (%)	Index	— Yield Latest Lo		return close	YTD total return (%)	Index		Yield (% t Low	High
Broad	Market Bloom	nberg Fixed Income Indice	es		Mortg	jage-Backed 🛭	lloomberg Fixed Income I	ndices		
2035.84	-9.3	U.S. Aggregate	<b>3.430</b> 1.34	40 3.440	2010.32	-8.5	Mortgage-Backed	3.540	1.590	3.600
U.S. Co	rporate Index	<b>ces</b> Bloomberg Fixed Inco	ome Indice	s	1977.63	-7.5	Ginnie Mae (GNMA)	3.550	1.600	3.590
3000.89	-12.0	U.S. Corporate	<b>4.200</b> 1.93	10 4.200	1183.21	-8.7	Fannie mae (FNMA)	3.540	1.580	3.600
2837.06	-7.7	Intermediate	<b>3.950</b> 1.20	3.950	1813.76	-9.0	Freddie Mac (FHLMC)	3.530	1.570	3.590
4158.93	-18.6	Long term	<b>4.660</b> 2.90	00 4.700	553.82	-8.0	Muni Master	2.854	0.687	2.854
592.27	-12.6	Double-A-rated	<b>3.680</b> 1.65	3.680	389.18	-8.5	7-12 year	2.865	0.687	2.865
795.42	-12.3	Triple-B-rated	<b>4.480</b> 2.11	10 4.480	444.05	-9.7	12-22 year	3.172	1.000	3.172
High Y	ield Bonds ICE	BofA			427.86	-11.9	22-plus year	3.682	1.443	3.682
487.43	-6.6	High Yield Constrained	d <b>6.577</b> 3.79	96 6.639	Globa	l Government	J.P. Morgan <sup>†</sup>			
474.42	-5.8	Triple-C-rated	<b>10.575</b> 6.30	04 10.587	556.83	-7.1	Global Government	1.970	0.720	1.970
3246.13	-6.6	High Yield 100	<b>6.276</b> 3.10	62 6.286	775.07	-7.6	Canada	2.810	1.230	2.810
426.61	-7.3	Global High Yield Constraine	d <b>6.695</b> 3.90	68 6.731	373.16	-8.1	EMU§	1.548	0.163	1.549
327.84	-6.1	Europe High Yield Constraine	d <b>4.742</b> 2.30	04 4.754	697.68	-8.2	France	1.390	0.080	1.400
U.S Ag	ency Bloombe	erg Fixed Income Indices			496.14	-7.6	Germany	0.850	-0.410	0.850
1730.71	-5.7	U.S Agency	<b>2.920</b> 0.64	40 2.920	288.23	-2.2	Japan	0.570	0.260	0.600
1523.28	-4.9	10-20 years	<b>2.870</b> 0.53	20 2.870	543.42	-8.8	Netherlands	1.060	-0.290	1.070
3567.78	-14.9	20-plus years	<b>3.570</b> 1.89	3.620	926.73	-10.7	U.K.	2.010	0.720	2.040
2618.78	-9.2	Yankee	<b>3.850</b> 1.53	10 3.850	n.a.	n.a.	Emerging Markets **	n.a.	n.a.	n.a.
*Constra	ained indexes lim	it individual issuer concentra	tions to 2%;	the High Yi	eld 100 are	the 100 largest b	onds † In local curre	– ncy§E	uro-zor	ne bond

#### **Global Government Bonds: Mapping Yields**

Yields and spreads over or under U.S. Treasurys on benchmark two-year and 10-year government bonds in selected other countries; arrows indicate whether the yield rose ( $\blacktriangle$ ) or fell ( $\blacktriangledown$ ) in the latest session

	Country/		Yield (%)					-	Spread Under/ Over U.S. Treasurys, in basis points					
Coupon (%)	Maturity, in years	Latest(●)-	2 -1	0	1	2 3	4 Previous	Month ago	Year ago	Latest	Prev	Year ago		
2.250	<b>U.S.</b> 2	2.693 🛦				•	2.577	2.132	0.149					
1.875	10	2.917 🔺				•	2.836	2.315	1.566					
2.750	<b>Australia</b> 2	2.274 🛦				•	2.211	1.394	0.082	-30.7	-37.4	-7.1		
1.000	10	3.084 ▼				•	3.109	2.575	1.686	<b>24.0</b>	19.3	12.6		
0.000	France 2	0.172 🛦		•			0.078	-0.235	-0.652	-252.1	-250.7	-80.5		
0.000	10	1.393 🛦			•		1.344	0.913	0.076	-152.4	-157.1	-148.5		
0.000	Germany 2	0.210 🛦		•			0.047	-0.280	-0.695	-237.2	-253.8	-84.8		
0.000	10	0.947 ▲		(	•		0.855	0.470	-0.260	-189.8	-206.1	-182.0		
0.000	<b>Italy</b> 2	0.421		•			0.421	0.129	-0.355	-216.1	-216.5	-50.9		
0.950	10	2.586 🛦				•	2.519	1.978	0.756	-25.9	-39.7	-80.5		
0.005	<b>Japan</b> 2	-0.045 🛦		•			-0.045	-0.021	-0.131	-262.7	-263.0	-28.4		
0.200	10	0.254 ▼		•			0.255	0.208	0.075	-259.0	-266.1	-148.6		
0.000	Spain 2	0.484		•			0.396	0.046	-0.486	-209.8	-218.9	-63.9		
0.700	10	1.888 🛦			•		1.803	1.383	0.394	-95.7	-111.3	-116.7		
0.125	<b>U.K.</b> 2	1.766 ▲			•		1.564	1.311	0.040	-81.5	-102.1	-11.4		
4.250	10	2.012			(	•	1.920	1.639	0.744	-83.3	-99.6	-81.7		

Source: Tullett Prebon, Tradeweb ICE U.S. Treasury Close

Spread\*, in basis points -

 $Sources: ICE\ Data\ Services; Bloomberg\ Fixed\ Income\ Indices; J.P.Morgan$ 

#### **Corporate Debt**

Prices of firms' bonds reflect factors including investors' economic, sectoral and company-specific

Investment-grade spreads that tightened the most...

Issuer	Symbol	Coupon (%)	Yield(%)	Maturity	Current	One-day change	Last week
Morgan Stanley	MS	4.000	3.55	July 23, '25	64	-31	84
BNP Paribas	BNP	4.375	4.19	Sept. 28, '25	137	-26	n.a.
Waste Management	WM	7.000	4.01	July 15, '28	107	-21	92
B.A.T. International Finance	BATSLN	3.950	4.32	June 15, '25	142	-10	n.a.
Kraft Heinz Foods	кнс	5.000	5.29	June 4, '42	212	-9	209
HSBC Holdings	HSBC	4.375	4.37	Nov. 23, '26	149	-8	144
Shell International Finance	RDSALN	2.875	3.36	May 10, '26	47	-8	n.a.
Royal Bank of Canada	RY	2.250	3.26	Nov. 1, '24	64	-8	67
And spreads that wide	ened the n	nost					
BPCE	BPCEGP	3.375	4.06	Dec. 2, '26	110	15	103
International Business Machines	IBM	3.000	3.30	May 15, '24	59	14	44
Bank of America	BAC	3.500	3.94	April 19, '26	99	13	84
Georgia Power		4.300	4.95	March 15, '42	178	13	164
Vodafone	VOD	4.250	5.02	Sept. 17, '50	208	13	200
Anglo American Capital	AALLN	4.750	4.47	April 10, '27	148	11	143
General Motors Financial		1.200	3.82	Oct. 15, '24	115	11	n.a.
Chubb INA Holdings		3.150	3.32	March 15, '25	41	9	n.a.

might-yield issues with the	nigges	t price ilic	.1 eases	•••				
					Bond Price as % of face value			
Issuer	Symbol	Coupon (%)	Yield (%)	Maturity	Current	One-day change	Last week	
American Airlines	AAL	3.750	6.53	March 1, '25	92.875	2.25	90.250	
Bath & Body Works	BBWI	6.875	6.83	Nov. 1, '35	100.402	0.65	98.832	
Rockies Express Pipeline	ROCKIE	6.875	7.20	April 15, '40	96.750	0.50	n.a.	
Dish DBS		5.125	8.67	June 1, '29	81.500	0.38	80.914	
Teva Pharmaceutical Finance Netherlands	S	2.800	4.16	July 21, '23	98.375	0.31	98.250	
Ford Motor Credit		3.096	3.60	May 4, '23	99.500	0.17	99.500	
Quebecor Media	QBRCN	5.750	3.80	Jan. 15, '23	101.375	0.11	101.500	
And with the biggest price	ce decre	eases						
OneMain Finance	OMF	6.875	5.92	March 15, '25	102.500	-1.50	103.644	
Sprint Capital		6.875	4.76	Nov. 15, '28	111.765	-1.42	113.149	
Seagate HDD Cayman		4.750	4.61	Jan. 1, '25	100.345	-1.28	n.a.	
Intelsat Jackson Holdings	INTEL	6.500	7.21	March 15, '30	95.740	-1.01	n.a.	
Lumen Technologies	LUMN	6.750	5.51	Dec. 1, '23	101.875	-1.00	103.063	
Intesa Sanpaolo	ISPIM	5.017	5.77	June 26, '24	98.470	-0.87	100.206	
Ford Motor	F	4.750	6.27	Jan. 15, '43	82.500	-0.85	84.510	
Nordstrom	JWN	6.950	6.05	March 15, '28	104.375	-0.75	n a	

Estimated spread over 2-year, 3-year, 5-year, 10-year or 30-year hot-run Treasury; 100 basis points=one percentage pt; change in spread shown is for Z-spread. Note: Data are for the most active issue of bonds with maturities of two years or more Source: MarketAxess

Mutual Funds	Data provided by LIPPER	Fund NA	Net YTD	Fund	Net \			Net YTD Chg %Ret		YTD %Ret Fund	Net YT		Net YTD NAV Cha %Ret	
		Intl Stk 46.0	8 -0.66 -2.6	BluCh 1	146.85 -4.10-2	20.0 TotRtnBdFd	Cllnst 25.52		LrgCpStr 16.47 -0.3	7-12.6 <b>VANGUA</b>	RD ADMIRAL	TotStAdml	107.19 -1.80 -8.5	MdCpVlAdml 78.54 -0.79
Top 250 mutual-funds listings for Nasdaq-publishe	ed share classes by net assets.	Stock 242.7 DoubleLine Funds	5 -4.17 -0.1			15.6 Harbor F 15.6 CapApIn		1 90-20 4	Parnassus Fds ParnEgFd 58.05 -0.7	500Adm 8 -8.4 BalAdml			1226.84 -3.80 -8.2 15.05 -0.16 -8.3	SmValAdml 75.20 -1.42 -: TotBd2 9.95 -0.05 -
e-Ex-distribution. f-Previous day's quotation. g-Foo			6 -0.03 -7.3			-6.5 Harding		-1.00-20.4	PGIM Funds CI Z	CAITAdr			129.76 -3.38-23.0	
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**B10** | Friday, April 22, 2022

### Blackstone Earnings Drop As Portfolio Growth Slows

By MIRIAM GOTTFRIED

Blackstone Inc.'s first-quarter earnings fell as the value of the private-equity giant's investments climbed at a slower pace.

The New York firm reported net income of \$1.22 billion, or \$1.66 a share, compared with \$1.75 billion, or \$2.46, in the same period last year.

The value of Blackstone's corporate private-equity portfolio climbed 2.8% in the quarter. That handily beat the S&P 500, which slid 4.9% over the period, but fell short of the portfolio's 15% increase a year

Virtually all the firm's other major strategies gained in the quarter, led by its opportunistic real-estate portfolio, which climbed 10%.

Banking

Tech Gets

Continued from page B1

New Player

interested in that business. So

even the flashiest app makers

usually depend on community banks to do their grunt work.

Startups don't love the cur-

rent arrangement. Community

banks tend to outsource their

own technology to old-school

software vendors, whose digital offerings are limited and whose

Column, as the Hockeys re-

named NorCal, thinks it can

solve that problem. The Column team developed its own

banking platform from scratch,

complete with a customized di-

rect connection to the Federal

Reserve's payments network. It signed up clients, including the

fintech companies Brex Inc.

and Point Up Inc., letting them

use Column's software to auto-

mate the mechanics of activi-

ties such as opening bank ac-

fees are often high.

Helping drive the perfor-

mance was Blackstone's global portfolio of warehouses used for e-commerce.

"As we've grown larger, we have not sacrificed returns," Executive Stephen Schwarzman said on a call with analysts Thursday. "In the first quarter, while nearly every major asset class outside commodities declined, our funds delivered strong performance."

Distributable earnings, or cash that could be handed back to shareholders, came in at \$1.94 billion, or \$1.55 a share, up from \$1.19 billion, or 96 cents. The latest total was the second-highest in the firm's history after the fourth quarter of 2021.

Shares of Blackstone, up more than 6% this week through Wednesday, fell more than 6% on Thursday alone.

Blackstone has been busy amid a boom in private-equity deal making. It sold off \$23.2 billion in assets during the quarter, reaping proceeds from financial company IntraFi Network LLC and homehealthcare equipment provider Apria Healthcare Group LLC, among others.

The firm has committed to four large transactions since the beginning of the year: a deal for Australian casino operator Crown Resorts Ltd., the recapitalization of European warehouse business Mileway, a bid for Italian highway operator Atlantia SpA and, just this week, a deal for student-housing operator American Campus Communities Inc.

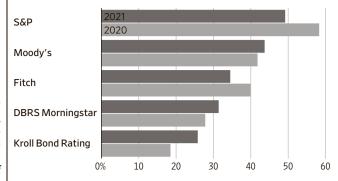
"The biggest challenge is to avoid businesses that are highly exposed to rising rates and/or inflationary pressures that

don't have pricing power,' Blackstone President Jonathan Gray told The Wall Street Jour-"You want to find businesses that can produce revenue growth well in excess of these inflationary pressures."

He said Blackstone's credit business owns almost all floating-rate debt and its real-estate business has focused on properties with short-term leases like student housing. Its private-equity business is avoiding industrial companies with a lot of exposure to input costs.

Blackstone's assets under management rose to \$915.5 billion, up from \$880.9 billion in the prior quarter and \$648.8 billion a year earlier. The firm raised nearly \$50 billion during the quarter, pushing it closer to its goal of reaching \$1 trillion in assets by 2026.

#### Rating agency market share for U.S. asset-backed securites, by dollar amounts of issuance



Note: The sum of market-share percentages exceeds 100% because more than one firm may rate a particular transaction Source: Asset-Racked Alert

### **S&P's Overhaul** Of Insurer Ratings **Draws Criticism**

By Leslie Scism

When ratings firms tweak the way they determine the creditworthiness of insurers, it is ordinarily a humdrum affair, awash in technical minutia.

**S&P Global Markets**' latest effort has managed to anger insurance companies, state insurance regulators and rival ratings firms. It has also accomplished the seemingly impossible: a bipartisan protest of its actions on Capitol Hill.

Announced in December, S&P's proposed changes are wide-ranging, but the most criticism centers on how the firm will size up life insurers' investment portfolios. S&P would lower, or downgrade, the ratings on securities that the firm itself hasn't rated. This analysis feeds into its assessment of the overall soundness of a carrier.

Firms like S&P get paid for rating bonds. The harshest critics contend S&P is trying to grab market share, in the guise of improving its model.

S&P says that isn't so. The goal is "to improve our ability to differentiate risk," a spokesman said. The last overhaul was 12 years ago, and the changes would bring the model more in line with its global methodology for assessing in-

Responses poured in during S&P's comment period, which it

has extended two months to April 29 to allow more feedback. How S&P sizes up risk in the insurance industry is no small thing. It is one of the major firms issuing "financial strength ratings," which agents and brokers rely on to determine which carriers they recommend to their clients. Its credit ratings, meanwhile, determine companies' cost of borrowing money.

Other firms like A.M. Best Co., Fitch Ratings and Moody's Investors Service perform the same roles. A risk to S&P, if the proposed changes go through, is that it might lose some business, critics said. The rivals declined to comment.

S&P's effort takes on more significance because it is expected to hit some of the investments that insurers have used to boost returns amid low interest rates. These include privately issued securities, collateralized loan obligations and asset-backed bonds.

S&P is still the most dominant ratings firm overall in total ratings issued, but some smaller rivals have gained market share since 2011 in assetbacked securities, according to a January report on the ratings firms by the Securities and Exchange Commission. The firms have made headway in sectors such as auto loan, aircraft and solar asset-backed securities, data show.



The Hockeys bought Northern California National Bank for about \$50 million last year.

counts and extending loans. Everything that you can do at your bank," said Mr. Hockey, 32 years old, "I want you to be able to do that with three lines of code." Brex, a startup that offers

corporate cards to emerging tech companies, has historically relied on a hodgepodge of bank partners to issue the cards and store customers' money in FDIC-insured accounts. "Every time we partner with a bank, the bank can be a little bit better or a little bit worse, but they all use the same tech stack," said Henrique Dubugras, co-chief executive of Brex.

Column's business model carries risks. Banks have been fined for the bad behavior at companies they sponsor. In November, the Office of the Comptroller of the Currency said it was stepping up its focus on banks that provide services to large fintech compa-

Ms. Hockey said Column's bespoke systems permit the company to monitor clients' transactions and overall compliance with its policies better than its competitors.

The proliferation of fintech apps over the past decade owes a debt to Plaid. Plaid's software bridged the gulf be-

New Highs and Lows

tween banks and fintech apps, letting companies plug into bank accounts with consumers' permission for the purpose of looking up balances and verifying personal financial information. Today, more than 6,000 app makers are customers, including Robinhood Markets Inc. and PayPal Holdings Inc.'s Venmo.

Mr. Hockey stepped down as president and technology chief at Plaid in 2019, ready for something new, though he remained on the board. Ms. Hockey quit her consulting job at Bain & Co. the following vear, and the two went searching for a bank to buy. They scoured textbooks to learn about bank M&A, then sent emails to see who might be interested in selling to a couple with no history in banking.

NorCal appealed to them in part because of its clean balance sheet and proximity to San Francisco. The Hockeys offered to pay a 61% premium and told NorCal's managers and employees they wanted them to keep the day-to-day operations of the community bank separate. The two sides came to terms in March 2021.

Closing the deal was more painstaking. The Hockeys got regulatory approval that June but needed shareholders to tender at least two-thirds of their paper stock certificates. Records were incomplete, and several shareholders lost their certificates in the 2018 Camp Fire that burned more than 100,000 acres of Northern California. NorCal's CEO and tell-

ers reached out individually to

They couple scoured textbooks to learn about bank M&A and then sent emails.

customers to help fill the gaps. Shareholders who brought their certificates to the Chico branch got doughnuts and coffee. Ultimately, 94% of investors tendered their shares.

The Hockeys are co-CEOs. Ms. Hockey oversees internal operations, legal and compliance, and the NorCal CEO re-

ports to her. Mr. Hockey runs technology, product development and engineering. They recruited Matt Zames, a former chief operating officer at JP Morgan, to be an adviser and

board member. Column opened for business officially on Thursday. While the community bank continues to operate in Chico, the fintech side moved to San Francisco.

In October, about a dozen employees logged on to Google Meet for a live demo of the bank's wire-transfer software. The employees tried to wire money to Column from their personal bank accounts. Almost immediately there were snags. A transfer from one big bank failed because it didn't recognize Column's recently approved routing number.

After about a half-hour, \$5 appeared at Column's master account at the Fed. Then another \$5. Pretty soon, it was up to \$35, and Column could start wiring payments back to employees. Column, it seemed, was a real bank now. "This is awesome, guys," Mr. Hockey told employees. "I can't believe we actually pulled this off."

### MelvinCapital

Continued from page B1 abolish Melvin's so-called highwater marks, standard industry features in which hedge-fund managers stop collecting hefty performance fees until clients who suffered investment losses

are made whole.

Melvin plans to charge incentive fees ranging from 15% to 25% starting June 1, down from its previous performance fee of 20% to 30%, before reverting to its original, higher fee structure on Jan. 1, 2025.

Melvin clients lost 51.8% of their money from January 2021 through this March.

Hedge-fund managers have been criticized for shutting down while they are under their high-water marks then starting afresh and collecting full fees. More managers in recent years adopted modified high-water marks in which they can collect discounted performance fees until their investors

recouped their losses, but those agreements typically are in place when investors sign on.

Much of Melvin's losses came in January 2021, when the firm got swept up in the memestock rally, which drove shares in companies like GameStor Corp. to dizzying heights. Investors banded together on social media to try to inflict losses on Melvin by driving up the stock prices of companies Melvin was betting against. Mr. Plotkin vowed to soldier on rather than shut down. He and his team told clients last year they had made numerous changes to improve the hedge fund's risk management, but Melvin lost 20.6% in the first quarter of this year as fast-growing companies sold off. Mr. Plotkin in the letter called that "unacceptable performance."

Melvin plans a number of more investor-friendly changes including reduced management fees for 30 months, giving clients the ability to get their money back in full in one year instead of three, and promises not to launch new products and to keep the fund's size smaller. Clients who don't like the new terms can redeem the entirety of their investment under a special waiver, the letter said.

#### 52-Wk % Sym Hi/Lo Chg 52-Wk % Sym Hi/Lo Chg Continued From Page B9 52-Wk % Sym Hi/Lo Chg Stock 52-Wk % Sym Hi/Lo Chg 26.15 30.88 lliottOppIIW itizensFinPfdE **CFGpE** 3.62 1.1 23.97 -1.0 4.88 -6.1 14.17 -14.3 Codexis CodiakBioSci CoffeeHolding CoherusBioSci CoinbaseGlbl Compugen ComSovereign ContextTherap CNTX CoreCard CCRD CornerGrowthWt COOLW CornerGrowth2Wt TRONW MFAFinPfdB MOGU DMC Global BOOM DTE EnergyDeb80 DTB DailyJournal DJCO DataKnightsWt DKDCW DeepMedicineAcqnRt DMAQR KKR Nts 2061 KairosAcqnWt KeyCorpPfdF Kirkland's Kopin KornitDigital

### **MARKETS**

### Chinese Oil Giant Cnooc Jumps in Shanghai Debut

By Rebecca Feng

China's Cnooc Ltd. surged on its Shanghai trading debut, after the country's largest offshore producer of crude oil and natural gas raised about \$4.4 billion in one of this year's biggest share sales.

The listing comes months after Cnooc was kicked off the New York Stock Exchange, and follows similar deals by two of China's largest telecommunications operators that were also ejected from U.S. stock markets. In total, the three state-backed companies have raised about \$20 billion from Chinese onshore investors, showing they still have access to abundant funding.

Cnooc shares closed nearly

yuan apiece. The stock had earlier jumped by the maximum possible 44%, triggering a short trading halt, before paring gains.

The oil giant raised 28.1 billion yuan, equivalent to about \$4.4 billion, from the offering. That is the world's third-largest equity capital markets deal so far this year, Dealogic data shows. The final total could be increased as much as 15% to a maximum of about \$5 billion, if banks exercise a so-called green-shoe option.

The NYSE delisted Cnooc in October to comply with an investment ban introduced by former President Donald Trump. The ban blocks American investment in companies

that the U.S. says aid China's military and security services. Cnooc unsuccessfully appealed the delisting.

China Telecom Corp. and China Mobile Ltd. together raised about 100 billion vuan in Shanghai share sales last vear after their U.S. delistings. Cnooc is a subsidiary of un-

tional Offshore Oil Corp. In the prospectus for its onshore share sale, Cnooc also warned it couldn't predict if the company, its affiliates or overseas partners would be affected

by future U.S. sanctions. It also

warned that a liquefied natural

gas project in Siberia in which

listed, state-owned China Na-

it owns a 10% stake could be hurt by sanctions on Russia. With prices for oil and other commodities surging, Cnooc and its peers have been spared a selloff that has dragged down broader Chinese markets. The Shanghai Composite index has fallen about 15% so far this year, according to FactSet, while Cnooc's Hong Kong-listed shares have gained about 35%. Cnooc reported a record annual net profit for 2021 of 70.3 billion yuan.

Cnooc priced its shares earlier this month at 10.80 yuan. Based on exchange rates at the time, that was a 19% premium to the closing price of its shares that day in Hong Kong.

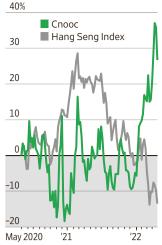
Nearly half the offering was bought by 12 Chinese stateowned investors, such as China Life Insurance Co. Those buyers included rival China

Share-price and index performance Thursday

National Petroleum Corp. and the asset-management arm of Sinopec Corp., another major competitor. After this offering, the trio, China's three biggest oil companies, now all have domestic listings in China.

Wang Dongjin, chairman of Cnooc, touted high dividends in an online roadshow for individual investors earlier this month. Cnooc has paid 300 billion yuan of dividends since it went public in Hong Kong in 2001, the fourth-highest among all companies listed in the city, Mr. Wang said. Once the Shanghai listing is complete, Cnooc plans to pay shareholders a delayed dividend for 2021 that combines a regular year-end dividend with a special "20th anniversary" payout.

performance, past two years



Source: FactSet

### Stocks Move Lower

Continued from page B1 stocks because they reduce the premium that investors get from holding riskier assets instead of Treasurys.

The S&P 500 fell 65.79 points, or 1.5%, to 4393.66. Composite Nasdag dropped 278.41 points, or 2.1%, to 13174.65, adding to losses from Wednesday after a selloff Netflix in

THURSDAY'S **MARKETS** 

the technolsector ogy lower. The Dow Jones Industrial Average was down 368.03 points, or 1%, to 34792.76.

shares led

Some analysts said they believe that even as the Fed normalizes monetary policy, U.S. stocks still have room to run, given the strength of the economy. So far, about 80% of the S&P 500 companies that have posted earnings results for the latest quarter have beaten analysts' expectations, according to FactSet.

"Despite so many negative macro headlines, like the Rus-

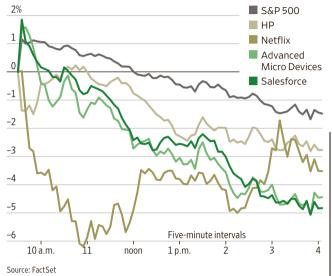


American rose 3.8% after the carrier reported robust revenue.

sia-Ukraine conflict, inflation and China's zero-Covid policy, U.S. corporate profits continue to be resilient," said Michael Arone, chief investment strategist for SPDR at State Street Global Advisors.

Tesla shares jumped \$31.58. or 3.2%, to \$1,008.78 after the electric-vehicle maker reported \$3.3 billion in quarterly profit late Wednesday, its highest profit to date. American Airlines Group shares rose 74 cents, or 3.8%, to \$20.22 after the carrier reported that revenue more than doubled in the first quarter.

Beyond earnings, data on employment have shown the U.S. labor market is on solid footing, Mr. Arone said.



"I don't think the rise in rates will matter too much until you see economic data fall over," he said.

Technology shares, which tend to be sensitive to changes in interest rates, were among the worst performers in the market Thursday.

**Advanced Micro Devices** slipped \$4.17, or 4.4%, to \$89.85, while Salesforce lost \$9, or 4.8%, to \$177.23.

Oil prices rose on signs that Russian oil production is falling and Europe is moving toward ending imports of Rus-

sian crude. U.S. crude oil prices added 1.6% to \$103.79 a barrel. Germany said Wednesday it would stop buying Russian oil by the end of the year.

Overseas the Stoxx Europe 600 rose 0.3%, led by shares of travel, leisure and construction companies. France's CAC 40 gained 1.4% after a preelection debate in which incumbent, pro-business President Emmanuel Macron was judged by polls to have beaten far-right challenger Marine Le Pen. In China, shares came under pressure on concerns that

Covid-19 shutdowns were slowing growth in the world's second-largest economy.

Early Friday, mainland China's CSI 300 was down 0.1%, Hong Kong's Hang Seng was down 1.1% and Japan's Nikkei 225 was down 1.9%. S&P 500 futures were down 0.4%.

#### **AUCTION RESULTS**

the results of Thursday's Treasury auctions. are awarded at a single price at the market-yield Rates are determined by the difference between that price and the face value

FOUR-WEEK BILLS Accepted bids noncompetitively \$697,410,300 ' foreign noncompe Auction price (rate)

Bids at clearing yield accepted 912796V22 The bills, dated April 26, 2022, mature on May 24,

Applications \$99.623.521.700 Accepted bids "noncompetitively foreign noncompetitively Auction price (rate) 0.6349 Bids at clearing yield accepted Cusip number

Accepted bids noncompetitivel Auction price (rate) 91282CEJ6 Cusip number The Treasury inflation-protected securities, dated April 29, 2022, mature on April 15, 2027.

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**B12** | Friday, April 22, 2022

FINANCIAL ANALYSIS & COMMENTARY

### Buying a Tesla Will Remain a Luxury

Faced with inflation in battery costs, Musk appears to pivot from affordable EVs to affordable rides in expensive driverless ones

Tesla is doing very well—so well you might wonder why it has been raising prices so aggressively.

The electric-vehicle maker on Wednesday reported another record quarter for profits, far ahead of analyst forecasts, despite delivering a similar number of cars to customers. The explanation is a combination of price increases and, given the backdrop of soaring commodity prices, surprisingly low inflation in its bill of materials. Teslas sold for an average price of about \$52,200—up 2.9% compared with the fourth quarter-while their average cost rose 1.7% to \$36,500.

Factoring in extra revenues from regulatory credits and headoffice costs such as research and development, the operating margin came in at 19.2%, up from just under 15% in the second half of last year. Tesla shares rose 5% in aftermarket trading.

Such results are evidence of the strength of Tesla's brand and manufacturing capabilities now that they are running at scale, but they raise questions about its strategy. What will it do with the cash? And can a company built on the promise of affordable EVs continue to raise prices and make margins beyond its peers' wildest dreams?

Some answers might come in



It is becoming clear the new affordability pitch will revolve around robotaxis rather than EVs for individuals.

Tesla Chief Executive Elon Musk's highly anticipated "Master Plan Part 3." He tweeted last month that this was in the works in response to a Bloomberg article pointing out that his initial Master Plan to make affordable family-oriented EVs, laid out in a 2006 blog post, remains unfinished business. It clearly touched a nerve.

It is becoming clear that Mr. Musk's new affordability pitch will revolve around robotaxis for fleet use rather than EVs for individual sale. He said earlier this month that Tesla was working on a robotaxi project and added on a call to discuss Wednesday's results that it would hold a robotaxi event next year with an ambition to launch volume production in 2024. This is after he said three months ago Tesla wasn't "currently working on" a much-discussed \$25,000 model.

The logic of robotaxis is they can be expensive to make but cheap to ride, due to heavy use that makes the most of an EV's low running costs. The batteries could potentially be smaller than in cars optimized for personal use because they wouldn't stray beyond a fixed geographic area. Robotaxi rides would cost less than a subsidized subway or bus ticket. Mr. Musk claimed on Wednesday.

Building robotaxi fleets requires a vast amount of capital, as Alphabet's Waymo and General Motors' Cruise discovered. This could be a future use for Tesla's cash flows.

Mr. Musk addressed the awkward conjunction of substantial price increases and record margins by saying that, given Tesla's long waiting lists, the prices it is charging now need to anticipate rawmaterial inflation over the coming six to 12 months. He pointed out that the company faces no shortage of demand.

Fair enough, but now Tesla's promise of mass-market electric mobility seems to hinge on a technology that has proven hard to perfect. The company's project timelines have a long history of being extended, none more so than its efforts to make cars driverless. The year 2024 could again prove an optimistic delivery date.

Tesla's tech-star valuation has long depended on its cracking this nut, to which it has a different approach to almost everyone else, spurning the standard lidar perception technology in favor of cameras alone. Now its corporate mission to "accelerate the world's transition to sustainable energy" is pointing down the same road. It better not lead to a dead end.

–Stephen Wilmot

### Zoom Fatigue Boosts Corporate Flying—for Now

A post-Omicron surge in company conferences and meetings is helping engineer a recovery in business travel

Corporate travel is finally back in business. That doesn't necessarily mean it will end up as big as before the pandemic.

The Omicron variant of Covid-19 made a traditionally low season much worse. On Thursday, American Airlines said it lost \$1.6 billion in the first quarter, similar to the \$1.4 billion loss reported late Wednesday by United Airlines.

Yet airline stocks surged when the market opened, as investors latched onto hints of a strong summer season.

Based on data for March and April, all three major U.S. legacy airlines, including **Delta Air Lines**, expect to be profitable and surpass prepandemic sales in the second quarter. United forecasts unit revenues to be 17% above the same period of 2019-the strongest second-quarter revenue guidance in the company's history.

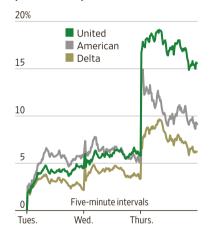
Considering that higher fuel prices caused airfares to surge,

this suggests the recovery is no longer based on last-minute discounted flights to sunny spots. U.S. officials confirmed on Monday that travelers no longer have to wear masks on planes and, while airlines are cautious, it should make it easier for people to travel

This is essential for airlines like United, Delta and American, which often make their margins on premium cabins and only then seek to fill the rest of the plane with cheap seats. Prepandemic, corporate fliers made up 15% of passengers but 40% of revenues and three-quarters of profits on some

While trans-Pacific travel is still depressed, American believes overall corporate revenues will shoot up to 90% of 2019 levels in the second quarter, from 50% now. On long-haul flights, "we're seeing not just more customers simply sign off for flights, but fulfilling pre-

#### Share-price performance, past three days



mium cabins at a better and better rate," Chief Commercial Officer

Source: FactSet

United seems to have even more to gain than its peers: With its

Vasu Raja told analysts Thursday.

main hub in Chicago, it relies on big corporate accounts, whereas most pandemic business trips involved small-firm employees traveling domestically. On Thursday, United CCO Andrew Nocella said "large corporations are now returning to travel at faster rates," and that unit revenues from business travel are almost at 2019 levels. United is also very exposed to trans-Atlantic routes, which should gain greatly from U.S. officials lifting their "Do Not Travel" advice for several international destinations on Monday.

Unfortunately for carriers, the latest trend cannot yet dispel worries that videoconferencing will permanently reduce corporate travel.

Surveys by the Global Business Travel Association seem to confirm that Omicron hurt travel mainly by prompting companies to postpone New Year events, which are now all happening at once.

Some hotels say that corporations are suddenly booking rooms two weeks in advance, rather than the usual 30 days. This seems to be the result of conferences and client meetings, though, rather than what is truly at risk of being reduced: Flying to other offices of the same firm. These accounted for around a third of prepandemic trips, surveys show.

A speedy recovery does suggest that ultra-pessimists like former Spirit Airlines Chief Executive Ben Baldanza, who believes 40% of business travel won't return, are off the mark. But investors should still be careful in assuming there won't be much impact based on today's massive release of pent-up corporate demand.

After two years of Zoom tedium, a surge in in-person corporate events was to be expected. As the proverb goes, one swallow does not a summer make.

–Jon Sindreu

### Meta Falls Behind in Payments in India

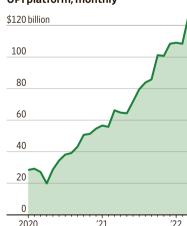
Mark Zuckerberg has pinned his hopes on commerce to save his business from stagnating user engagement and decelerating advertising revenue growth. But in the massive market of India, Facebook parent company Meta Plat**forms** has fallen far behind in mobile payments, which serve as the crucial last step in closing an online sale.

It needs to get its act together quickly if it doesn't want to lose out to Google and Walmart in the race for controlling digital payments in the world's second-largest internet market. Meta has a popular mobile messaging platform in the country with Whats-App, which has its own local payment service. But so far, the encrypted messaging app has been at loggerheads with the Indian government over multiple issues, all of which are likely impacting its payment ambitions in

The National Payments Corporation of India, or NPCI, the governing body that oversees the widely popular Unified Payment Interface, or UPI instrument, gave approval to WhatsApp last week to extend its payments service to 100 million users. That may sound like a lot, but it is only a fourth of WhatsApp's user base in India.

The development is still an improvement from where WhatsApp has been for the past few years. It was only in late 2020 when Whats-App was allowed to expand the rollout of payments to 20 million users. The Indian government has stalled WhatsApp Payments' roll-

#### Transactions on India's UPI platform, monthly



Source: National Payments Corporation of India

out for years now, at first because of Meta's refusal to store financial data in India, and then over concerns about privacy and cybersecurity. WhatsApp's decision to sue the Indian government last year over its rules to weaken encryption hasn't helped matters. The messaging app is also under antitrust investigation for its new privacy policy. The government has even restricted WhatsApp from sharing transaction data with Meta.

During this time, WhatsApp rivals Google Pay and Walmartbacked PhonePe have taken over the market. Combined, they control over 80% of the UPI market share, according to official figures published by the NPCI. In comparison, WhatsApp's payment share stands at an abysmal 0.02% by value. UPI transactions crossed \$1

trillion in value in the financial year that ended in March. To be sure, no one can make money off UPI but it acts as a high-transaction feature to attract users to an app, and they can use it for shopping and bill payments.

NPCI's latest mandate, which has yet to be enforced, will likely restrict Walmart and Google's hold on the UPI market. But it has thrown WhatsApp a lifeline. According to the new rules, no third-party payment provider can exceed a 30% market share. This is expected to encourage more companies to challenge Google and Walmart's duopoly in the market. So Meta has an opening to catch up, but to take full advantage, it may need to patch up relations with Indian regulators.

In India, where WhatsApp is a standard communication tool, companies can potentially list products for sale, communicate and receive orders through messages and finally accept payment for them. By putting payments into WhatsApp, Meta would make it so users don't need to exit its family of apps throughout their purchase journey. It is the final piece in the company's commerce strategy that starts with advertising-led product discovery and shopping and ends with a transaction. Through payments, it would also get access to Indian small businesses to which it can eventually sell other financial and advertising products. But Meta is stuck on the starting line, while others are sprinting ahead.

–Megha Mandavia

### Nestlé Escapes Netflix's Fate for the Time Being

Early signs indicate that consumers are beginning to rein in spending as prices rise. The good news for companies like Nestlé is that household essentials are lower down the list for cuts.

On Thursday, the world's biggestfood company said sales rose 7.6% in the three months through March compared with a year ago. The growth was made up of a 5.2% rise in prices, the highest level since 2008, and a 2.4% rise in the amount and mix of goods sold. This shows consumers aren't yet trimming how much they buy as prices increase. The trend was particularly striking in North America, where Nestlé's prices shot up by 8.5% but volumes

were still positive in the quarter. Stronger-than-expected volumes were reported by other companies that make essential consumer goods this week. Procter & Gamble's volumes rose 3%, even though it charged 5% more. Evian bottled-water supplier **Danone** sold more goods despite raising prices. Spending on beer has been resilient, according to results from Heineken, the world's second-largest brewer, which shifted 5.2% more beer in its latest quarter than a year earlier.

There are signs that more discretionary consumer goods like streaming services are coming under pressure. Netflix lost more than a third of its value Wednesday after posting its first fall in paid subscribers in over a decade. Competition between streaming platforms was a factor, but users may be cutting back.

In the U.S., spending on fast-fashion brands slowed compared with this time last year, as consumers feel more pinched, according to a Bank of America analysis of credit-card data. This coincides with sharp falls in the number of U.S. cigarettes sold. Smokers tend to have lower-than-average incomes and are especially sensitive to gasoline prices, which currently stand above \$4 a gallon.

Companies that make essential household goods may not always be spared. They need to raise prices again soon: The war in Ukraine pushed up the cost of energy, which will feed through to plastic prices. This hurts consumerstaples companies, which tend to be heavy users of packaging.

Costlier agricultural grains will fuel inflation in ingredients for savory snacks, as will rising milk and meat prices as it becomes more expensive to feed livestock. Shortages of sunflower oil—an ingredient in many baby-food brands that is normally exported by Ukraine—will hurt Nestlé and Danone as strict regulations for infant-formula recipes make it hard to substitute.

If brands are too aggressive with price increases, more consumers could trade down to cheaper equivalent products such as supermarket labels, damaging the volume growth on which the health of packagedgoods companies depends. For now, consumers seem focused on saving money elsewhere, and consumer-staples companies are living up to their defensive reputation. —Carol Ryan



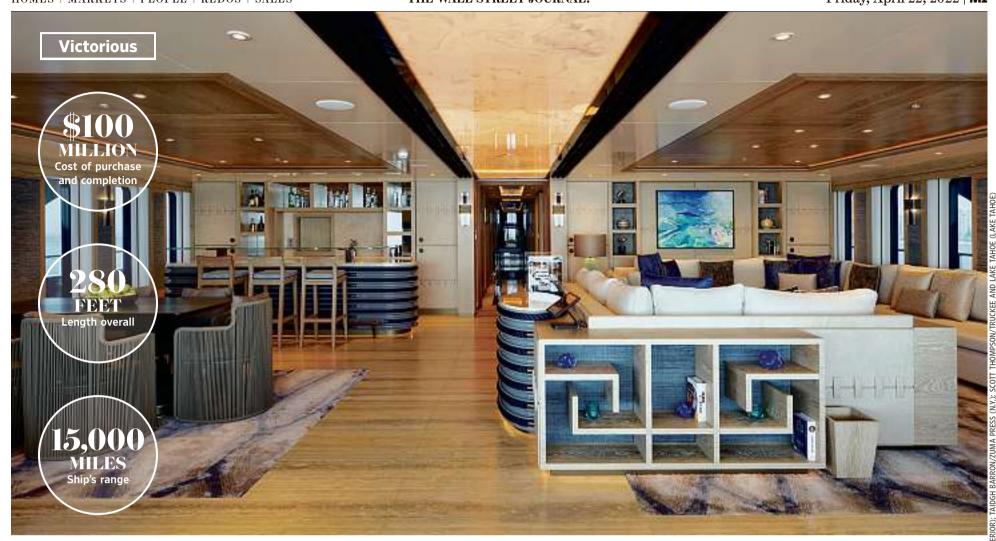
\$70 Million An 82nd-floor condo on N.Y.'s Billionaires' Row is in contract. M3

\$100 Million A home on the Nevada side of Lake Tahoe is listing. M2



Friday, April 22, 2022 | M1

+ MARKETS + PEOPLE + REDOS + SALES



### High-Tailing It To the High Seas

As the pandemic wears on, the wealthy are increasingly buying superyachts and living aboard for months on end



By KATHERINE CLARKE

avid Akellian planned to spend his retirement traveling the world. But that required getting on a plane. When the Covid-19 crisis hit, he quickly pivoted to a different mode of travel and bought a 52-foot yacht.

Mr. Akellian, 61, the former head of global wealth management for Refinitiv, a financial market data firm, always had a penchant for sailing and had planned on buying a boat anyway. As a child growing up in northern New Jersey, his family had a sailboat and spent a lot of time on the Long Island Sound. He just never imagined he would be spending this much time aboard.

During the pandemic, Mr. Akellian, who had been living in a three-bedroom home in Wyckoff, N.J., with his wife, Susan Akellian, has been spending weeks or even months at a time living on the yacht, he said, Please turn to page M12



Vural Ak's superyacht, Victorious, was designed to appeal to both Mr. Ak's family and to his charter guests. The vessel can sleep up to 24 guests and includes a spa, far left, 'beach club,' above, gym, hammam and beauty



Heritage Hill, near downtown Grand Rapids, has seen its real-estate prices soar; with some of its historic houses trading for close to \$1 million

Michigan Neighborhood

By Seth Schwartz

FOR YEARS, Carole and Tom Hammerslag had been thinking about moving to the historic Heritage Hill neighborhood near downtown Grand Rapids from their suburb. One day in June 2021, during a drive through the 1.5-squaremile area, they spotted a house that piqued their interest.

The two were in no hurry, and made an appointment to see the property some weeks later. But as soon as Mrs. Hammerslag opened the door to the house, she was sold. "I saw the French hand-cut mosaic tile in the foyer and I said, 'This is it,' " Mrs. Hammerslag, 56, a middle-school teacher, recalled.



Carole and Tom Hammerslag and their daughter Julia Cotts at the home.





Since January homes have

sold for over \$499,000

"We had a stunning stone Tudor built in 1927, so we wanted something equally as splendid and charming."

The five-bedroom, four-bathroom 5,694-square-foot Georgian Revival was built in 1909, during the heyday of Heritage Hill's development. The previous owners Please turn to page M7

### PRIVATE PROPERTIES

### Tahoe Estate Asks \$100 Million

A Lake Tahoe compound with a private beach and marina is going on the market for \$100 million. The home is the most expensive listing in Nevada, and will break the state's home sale price record if it sells at or near the listing price, according to the listing agent, Jean Merkelbach of Engel & Völkers.

The owners are Bluth Development founder Chuck Bluth, and his wife, Cindy Bluth. The couple built the Glenbrook estate in the early 2000s, spending around \$26 million on the project, said Mr. Bluth, 82. It has been their primary home

since then.
Spanning
about 4 acres,
the property
contains a
roughly 20,000square foot,
four-bedroom
home, he said.
The house has a
limestone wine

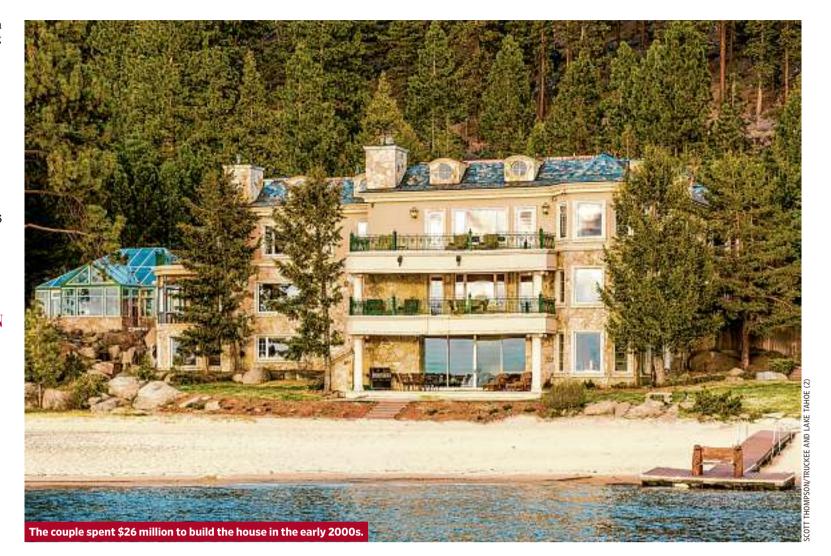
\$100 MILLION 20,000 sq. ft., 2,500-bottle wine room, two elevators, Zen garden

room that holds about 2,500 bottles, as well as three elevators, a movie theater and a fitness room. Concrete columns at the entrance of the home weigh about 1,000 pounds each, he said.

The property's marina has a floating dock and about 12 boat slips, Mr. Bluth said. The private beach has about 400 feet of lake frontage. The grounds also include two guest cottages, a tea house built on a boulder, a waterfall and a Zen garden.

The main house is clad in stone from Lake Champlain in upstate New York, Mr. Bluth said, and the slate on the roof came from China. Circular patterns in ceilings and doors throughout the home represent health and luck, according Mr. Bluth. A powder room has a circular gold-leaf ceiling.

Attached to the main home are four patios, a greenhouse and a four-car garage with a workshop. Mr. Bluth said he also planted



about 700 evergreen trees on the property for privacy.

The Bluths are selling the Lake Tahoe home because they bought a castle in Colorado last year for \$9.5 million, he said, and will spend most of their time there.

Mr. Bluth is a serial entrepreneur who founded and sold the telehealth company Computerized Screening. He also founded Bluth Development, based in Nevada.

The Nevada side of Lake Tahoe has been growing increasingly popular among the ultrawealthy, Ms. Merkelbach said, because the taxes are lower than they are in



California. She said in recent years, she's seen a handful of homes on the Nevada side sell for over \$35 million.

In August 2020, she said, she represented the buyer of a roughly 18,000-square-foot home that sold for \$38 million. In late 2021, a home measuring about 12,000 square feet sold for \$47.5 million.

Lakefront properties as large as the Bluths' are rare, Ms. Merkelbach said, adding that theirs is the only home on the lake with a private marina.

—Libertina Brandt



### A Record-Breaking Sale in Paradise Valley

SOLD

13,000 sq. ft...

mountain

views

A home in Paradise Valley, Ariz., has sold for \$21 million, setting a record for the affluent

town, according to the local multiple listing service.

The roughly 4.3-acre property first hit the market for \$22.5 million last spring with Walt Danley and Catherine Jacobson of Walt Danley Christie's International Real Estate.

The seller was Nancy Hanley Eriksson, who built the home with her late husband, Lee Hanley. They moved into the home in 2010, she said. Mr. Hanley, who was chair-

man and CEO of the Arizona-based commercial real-estate company Vestar, died in 2012.

The buyer couldn't be determined.

The roughly 13,000square-foot main house has a Mediterranean-

style exterior and views of Camelback and Mummy mountains, according to Ms. Jacobson. Inside, there are four bedrooms, a wine room and a library with wood-paneled walls and book-shelves. The grounds also include a one-bedroom casita and a 2-bedroom guesthouse, as well as a pool and several covered outdoor lounge areas.

Mrs. Eriksson remarried in 2019. She said she and her husband, Ron Eriksson, are selling the home because they want to downsize, but will stay in Paradise Valley.

In 2020, Mr. Danley and Ms. Jacobson said, they represented the \$20.9 million sale of a neighboring property, which was the most expensive recorded home sale in the town until now. Paradise Valley has been booming since the onset of the pandemic.

—Libertina Brandt





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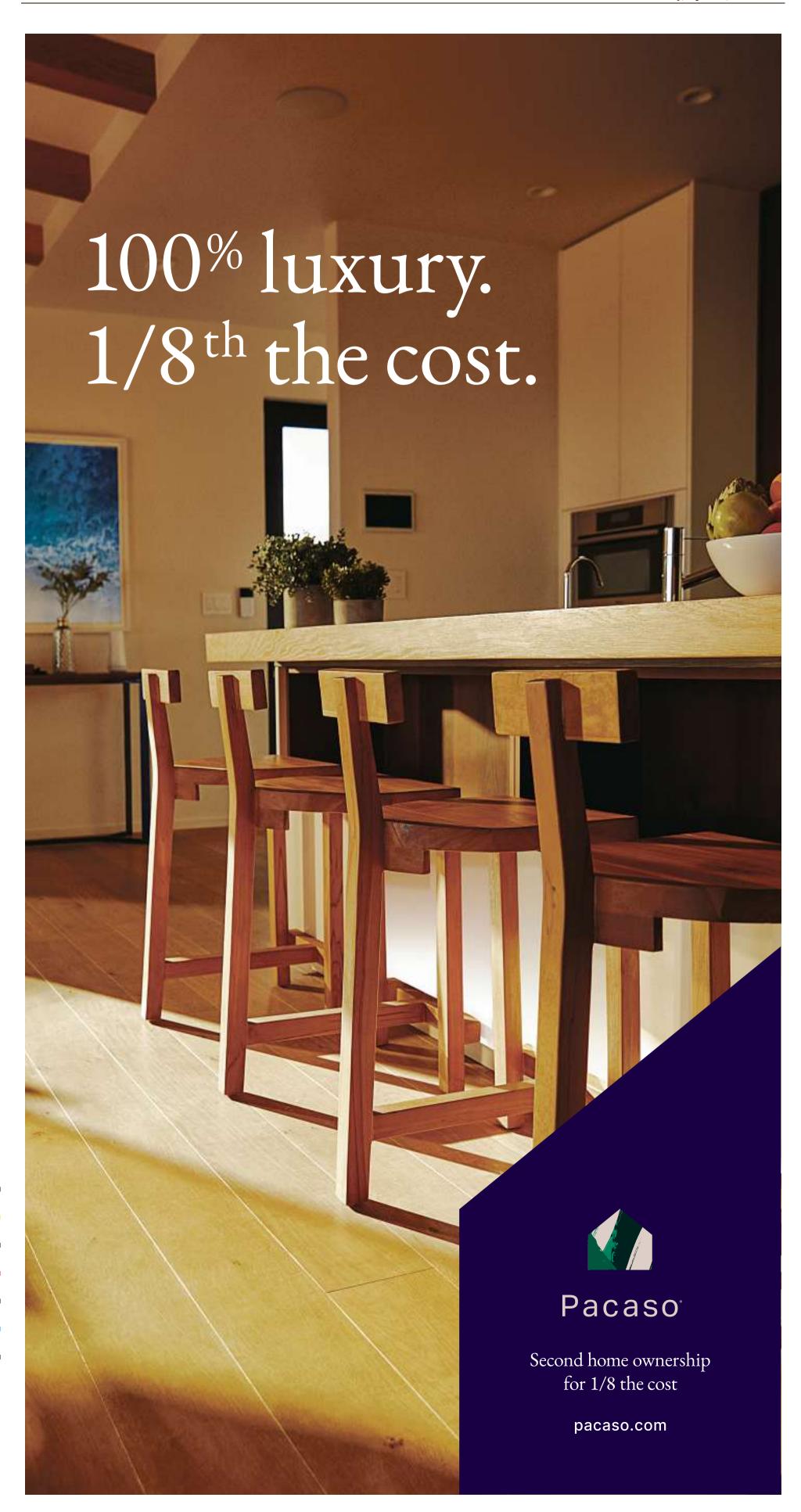
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- 9. High on Charm, Low on Taxes 125 West 94th St. 5BR. 1.5 Bath \$3.995M Web #21687296 Lynn Sullivan 917-750-5660 David E. Kornmeier 917-494-4302
- 10. Townhouse Living with Lux Building Services 171 West 71st St. 5BR. 4.5 Bath \$6.25M Web #21723161 Nada Rizk 646-226-8115
- 11. Room to Grow on Fifth Ave 1050 Fifth Ave. 5BR. 4 Bath \$4.795M Web #21572109 Joanne Greene 917-716-6880
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- 14. Pre-War Charm with Fireplace 210 East 73rd St. 1BR. 1 Bath \$895K Web #21665316 Elizabeth Wohl 212-712-1126 Gary Wohl 212-712-1128
- 15. Terraced Classic Five 15 West 81st St. 2BR. 2.5 Bath \$4.495M Web #21660863 James Foreman 323-314-1906
- 16. Mint Designer Full-Floor with Views 52 East End Ave. 4BR. 3.5 Bath \$4.25M Web #21680865 Daniella G. Schlisser 212-906-9348



Mastery of the Craft Stevens

### PRIVATE PROPERTIES



THE WALL STREET JOURNAL.

### A California Spec House, Wardrobe Included



The buyers of this California spec house won't have to pack much for stays at the yet-to-bebuilt home. Designed by a former fashion executive, the home's \$12 million price tag includes astronaut-inspired

FOR SALE

clothing for residents to wear.

The Joshua Tree property was designed by Omar Nobil, former vice president of women's design at Banana Republic, and his fiancée, Erika Stahlman, who runs an eponymous design firm. Plans call for a three-bedroom, roughly 3,200-squarefoot home made of concrete, with a guesthouse and an environmen tally friendly

3-bedroom house plus questhouse, pool

mineral-water swimming pool. Located in the desert north of Joshua Tree National Park, the main house will be a cylindrical shape with two 180-foot-long windows, Ms. Stahlman said. The interior will have a concrete kitchen

countertop, a built-in concreteand-glass dining room table, and a plush, gray media room. In the primary bedroom suite, a

walk-in closet will be stocked with 21 outfits custom-designed for the buyer by Mr. Nobil and Ms. Stahlman, with some pieces created by London-based bespoke tailor Kathryn Sargent. From jumpsuits to metallic bathing suits, the astronautesque clothing is intended to incite "an explorative state of mind" and create an immersive experience, Mr. Nobil explained. Donning the clothes "makes you feel committed to the feelings we're trying to create," he said. "You will immediately feel more removed from daily reality and commit to the experience of

The partially subterranean, two-bedroom guesthouse is equipped with the same line of futuristic clothing, said Mr. Nobil.

Mr. Nobil and Ms. Stahlman have renovated two houses to-



being there."

gether in the past, but this is their first ground-up construction project together. They purchased the roughly 3-acre lot for \$85,000 in February 2021.

'The healing energy of the desert is unmistakable," said Ms. Stahlman.

They chose concrete as the primary building material for its aesthetic and durability, she said. Construction costs are slated to total about \$10.24 million, they said.

The pool uses minerals including sodium chloride, magnesium chloride and borates instead of chlorine to reduce environmental impact. The grounds, which have





mountain views, will have minimal landscaping. "It is important not to affect the environment and let wildlife and plant life be," Ms. Stahlman said. "We want to watch and experience life with nature that is naturally there."

The asking price also includes a custom Land Rover retrofitted with an electric motor, and the house will have two electric-car charging stations. Mr. Nobil said the property will have Onyx solar



panels and is expected to generate about \$11,000 of solar energy a year. Construction will begin after finding a buyer and will take about 12 to 15 months, according to Mr. Nobil.

Mr. Nobil worked at Banana Republic for almost 15 years before leaving to work full time on development projects with Ms. Stahl-

The property is being sold offmarket, Ms. Stahlman said, but real-estate agents Katharina Trappe of Keller Williams NYC and Benjamin Teper of The Agency will assist in marketing it.

—Sarah Pavnter

### A Big-Ticket Deal at 432 Park

A unit at 432 Park Avenue, a supertall residential skyscraper on Billionaires' Row in New York, is in contract to sell for approximately \$70 million after nearly two years on the market, according to people familiar with the deal.

The deal includes a roughly 8,000-square-foot unit on the 82nd floor and two staff suites on lower floors, the people said. If it closes, it would be the largest residential sale in New York so far this year and one of the biggest deals since Covid threw the New York real-estate market into a tailspin in 2020.

The buyers are Yossi Benchetrit and his wife, Gaëlle Pereira Benchetrit, who own an apartment on a lower floor of the building, the people said. Mr. Benchetrit is the chief

procurement and programming officer at the cable television company Altice USA, and his wife is the founder and owner of the cosmetics clinic Clinique des Champs

Elysées New York. The Benchetrits didn't respond to requests for comment.

The seller is a limited partnership known as Blessings Investments, which is linked to the British pharmaceutical magnate Meeta Patel, according to a person famil-

iar with the deal. Blessings Investments bought the 82nd-floor unit and staff suites for \$66.47 million in 2016, records show. The 82ndfloor unit was listed in August 2020 for \$90 million, then reduced its price to \$79 million in April 2021, according to listing website StreetEasy. The unit has 360-degree views of the city, according to

the listing. It has five bedrooms, a media room and a 1,100-square-foot great room with 10by-10-foot windows.

The Benchetrits paid \$23.87 million for a feet, 5 bedrooms, four-bedroom apartment at 432 Park in 2016, records show. Spanning about 4,500 square feet,

that unit is about half the size of their new apartment, according to listings website StreetEasy.

8,000 square

media room,

2 staff suites

The building has seen recent litigation between the developer, CIM Group, and the condominium board



over alleged construction defects at the tower. The board claimed in a September lawsuit that residents have been plagued with issues of noise, severe flooding and elevator malfunctions, while the developer has framed the allegations as "an effort to wrest unwarranted payments" from them, according to court documents. Lawyers for the developer and board said the litigation is pending.

Ms. Patel couldn't be reached for comment.

The seller in the transaction is being represented by Ryan Stenta at Douglas Elliman and Carrie Chiang of the Corcoran Group. The buyer is represented by Jason Haber of Compass.

—Katherine Clarke

Bernard Schwartz's co-op lists for \$28.5 million. M10



**INSIDE STORY** 

### Persistence Pays

This couple kept their eyes on the prize as problem after problem scuttled their plans and budget

By Ruth Bloomfield

hen Sophie and Luke Hakes found a house for sale on their favorite London street, they thought fate meant them to buy it.

But their subsequent two-year struggle to transform the dated house into a contemporary family home-complete with disappearing contractors, shoddy workmanship, a spiraling time frame, escalating budget, and a pandemic drove the first-time renovators (who became first-time parents during the project) to the "brink of breakdown," said Mr. Hakes.

The couple had lived in the north London neighborhood of De Beauvoir Town since around 2010, in a modest two-bedroom house. By 2017, they wanted to upsize.

"We often used to walk down this particular street and would look into the houses and say that we would love to live in one of them one day," said Mrs. Hakes, 34, who works in leverage finance for a bank. When a house there was listed, she said she and her husband went to see it the same day, even though it had only three bedrooms, and one of them was verv small.

"The house itself was entirely underwhelming," she said. But it sat on a bend in the road, giving it a slightly wider plot than the neighboring homes.

"I was quite keen to take on a project," said Mr. Hakes, 41, a venture-capital investor. "Houses hardly ever come up for sale on the street, and it seemed like a great opportunity."

In April 2017, they paid \$2.5 million for the roughly 1,635square-foot home and moved in. They hired Tigg + Coll Architects to help them redesign the house. The initial estimate on the project was \$980,000.

"We were definitely super naïve," said Mr. Hakes. "It was the first big building project we had ever done."

At the start of 2019, they had a plan to expand the house to five bedrooms and they had their building permits. They chose a construction firm. In May 2019, Mr. and Mrs. Hakes decamped to a two-bedroom apartment nearby, which belonged to a friend. They believed they would be back home within a year.

In September 2019, their construction firm shut down due to financial difficulties. Suddenly, the Hakes found themselves on the hunt for a new contractor. They hired a structural surveyor to





Sophie and Luke Hakes in the living room of their newly renovated home in the DeBeauvoir Town neighborhood of London.



the back of the house."

Then the couple got some bombshell news. "Our builders told us that with the pandemic, the job was no longer profitable, and they were pulling out," said Mrs. Hakes. "We were living in a tiny flat with a colicky baby, and it was a very difficult time."

They recouped only a portion of what the contractor owed them

for the unfinished work. But, due to a bonus payment for Mr. Hakes, the couple was able to keep the project moving. In spring 2020, the couple hired their third contractor, and by March 2021, they



on many goods and services in

the U.K.

Today, the 2,562-square-foot contemporary home has four levels. To create the open-plan space the couple wanted, they extended the basement level outward into the backyard and sideways into the space beneath the garage. The room is now large enough to include a seating area, arranged around a contemporary slot fireplace, a kitchen with gray, ribbed wood cabinets and a marbled porcelain work top, and a dining table. Floor-to-ceiling sliding doors and a pivoting glass door lead to the backyard, where a 226-squarefoot garden room is used as a gym, a project they completed after the main build was done at a cost of an additional \$65,500.

The former basement kitchen is now a utility room. There is a playroom for Woolton and a bedroom suite for his nanny. A contempo-

> rary central staircase, built from folded steel with timber treads and glass walls, leads up to the first floor. The garage was demolished, creating more space on this level, which now has Woolton's bedroom. a guest bedroom and a living room.

The primary bedroom takes up the second floor and its décor is calm and neutral. It has a bathroom with a shower and a

free-standing bathtub, and a walkin closet. The third floor, with its pitched roof, is a guest bedroom and doubles as Mrs. Hakes's office.

Though they moved in around a year ago, the couple are still affected by the stress of getting their dream home built. "It was a lot of heartache," said Mr. Hakes. "I was very near breakdown in October 2020.'

Mrs. Hakes has spent the past year fine-tuning the interiors of the house. "I love it and have kind of met over the of got over those feelings, although  $\exists$ if we could have got rid of the house during the middle of the build, I would have jumped at the chance," she said. "Now I feel lucky every day that I live here and proud of what we have created."

check that the work already done was sound. "They found endless problems, with the windows,

917.843.3210

the floors, the electrics," said Mrs. Hakes. "It all had to be ripped out and redone, and the side wall rebuilt." When the couple sought a new round of quotes from contractors. they all came in higher than the first

ones had been, even though months of work had been done. Work restarted in December 2019 and in January 2020 the cou-

ple's son, Woolton, was born.

Then, in March 2020, the pan-

demic hit and work stopped once again. "At this point, the house was a shell," said Mr. Hakes. "It had exterior walls, a roof and some studwork, but there were no windows, and a great big hole at



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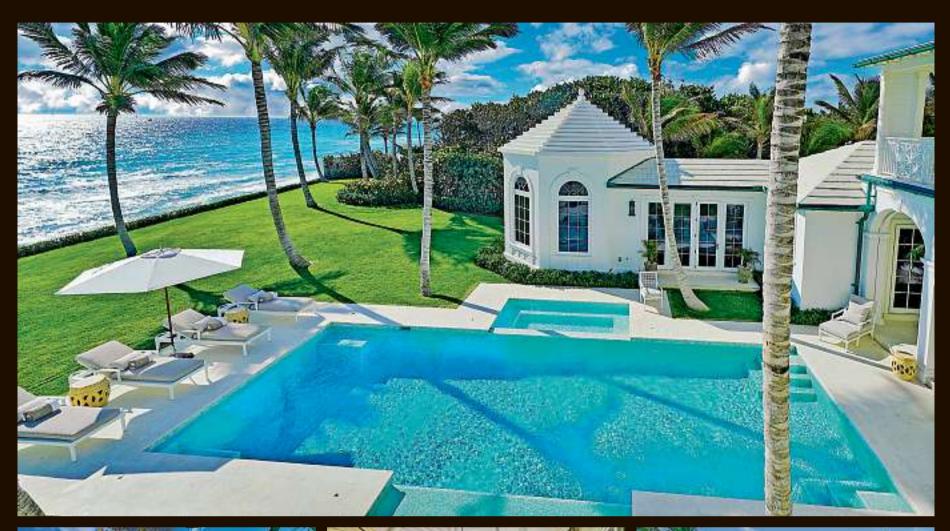
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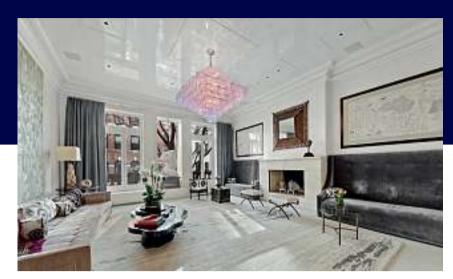
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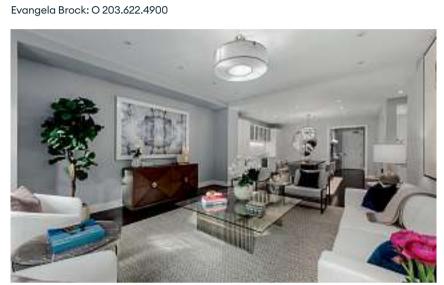


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### **MANSION**



For my money, the best horror film ever made was the 2012 movie, "The Cabin in the Woods." A group

of teenagers go on vacation to a cabin in the woods, only to find themselves terrorized, and slowly knocked off, by a series of horrible zombie monsters. Unbeknownst to them, the entire zombie monster operation is being run by a group of engineers who are surveilling their every move from a clandestine lab. The engineers also technologically manipulate the events that trigger the release of the zombie monsters. It doesn't end well for anyone.

I think of this film every time I try to decide whether we should install smart-home surveillance and control technology at our short-term rental. I waffle back and forth between the advantages of having a remote view into the operation of the home, and the knowledge that I may be stepping onto a slippery slope that inevitably leads to zombie monsters.

Owning a short-term rental is fraught. The revenue is nice, but it's a lot of work and worry. Landlords are completely at the mercy of a rotating cast of renters. Also, stuff happens in a house you don't occupy full-time that can wreak holy havoc if left undetected. Smarthome tech, like smoke, fire and carbon-monoxide detectors that automatically alert responders, water heater monitors, and flood detectors can stop a situation going from bad to worse. This tech is firmly in the "benevolent" category.

Where I get conflicted is with the clandestine lab/evil engineertype stuff.

Some short-term landlords have installed so much smarthome tech that they can, theoretically, observe their renters almost everywhere in the house, track who comes and goes, control the lights, air conditioning, heat and window shades, monitor their Netflix consumption, view the contents of the refrigerator, and reduce the water pressure to a dribble. Smart-home tech can't unleash zombie monsters yet, but that's probably coming in the next **HOMEOWNEROUS | KRIS FRIESWICK** 

# The Spy Who Rented to Me

Smart-home surveillance and control technology gives us total access to our vacation homes. Maybe too much access.



generation of the Amazon Echo.

While I love the idea of having a layer of oversight and protection over my rental property, I'm not sure I should possess the power that all that smart-home tech provides. Here's why:

Obsessiontown. Population, Me: Web-enabled, real-time video surveillance, recorded on a remote server, reduces break-ins at vacation rentals, or at the very least,

gives landlords a chance to iden-

tify and prosecute perps.

But how do I stop watching? If I got 24/7 access to a live feed of the comings and goings at our largest single asset, I'd never get anything else in my life done. I'd be reduced to a bleary-eyed gamer, staring unblinking at the action on my computer screen, afraid to look away lest I miss something: a criminal with a crowbar trying to break down the front door, a flurry of guests clearly dressed for a rave, someone smuggling in a pet tiger even though we have a very specific

"no pets" policy, the progress on the crown of thorns plant by the front door. (It hasn't been doing well.) Then, inevitably, I'd start going all evil engineer. How much would the renters freak out if I lowered the shades in the living room while they're sitting there? What would happen if I made the pool really cold one day and really warm the next? How would they react to having only basic cable for eight hours? Hammer-hard water pressure, then just dribbles? I wouldn't sleep. I wouldn't

eat. I'd just mess with them ALL DAY. Now, I am become Zombie Monster, destroyer of vacations. Clearly, I couldn't handle that kind of power.

It's gross: Home-security systems are nothing new, but it's a different ballgame when you're surveilling your short-term rental, because you are watching strangers. It's creepy. Clandestine lab creepy.

Short-term renters, like all tenants, have a legal expectation of privacy. Airbnb and other rental companies have policies about what hosts can and cannot surveil at their property. Hosts are also required to disclose to renters the location of any surveillance.

But people forget about such things when night falls and alcohol begins to flow. Do I REALLY want to see what my renters are doing in the pool or on the couch at night? Nope. Don't watch, you say? Please see the "Obsessiontown" item above.

Ignorance is still bliss: Dumb homes are more vulnerable than smart homes to many things. But I'll bet the owners of dumb homes have less gray hair. They're not sitting around, watching the feed, waiting for the big scary thing to happen, second guessing everything they see. Last winter, some friends of mine learned there was a raging party taking place at their rental property, complete with fire dancers juggling lit torches on the patio, which is covered with wooden furniture and other highly flammable things. It was still happening when they learned about it, but damage had already been done. If they had seen the fire dancers arrive on a video feed, they might have been able to get their property manager there fast enough to shut it down, but the only way they could have done that was to be glued to a video-surveillance feed at all times. That's no way to live.

I'll keep my home dumb. I will let the campers frolic unobserved at my cabin in the woods. That way, if some zombie monsters do show up, I can honestly say I didn't see them coming. And I know I didn't send them.



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Homeowners Jessica and Grant Schachter stand next to designers Megan Acuna and Wendy

Word of Wendy Word Design.

#### **MANSION**



# Redesigning the Same House for New Owners

Interior designer Wendy Word turned compartmentalized areas she had created for this home's previous inhabitants into more flexible home and work spaces

By Nancy Keates

hen it comes to interior design, there's always room for improvement. Wendy Word takes that old joke to a new level.

Ms. Word has done three projects in the past few years that involved redesigning the exact same house—but for different owners.

The latest was last year, when Grant and Jessica Schachter purchased a fivebedroom, five-bathroom, 3,387 square-foot house in July 2020 for \$4.25 million that had been designed by Ms. Word just two years prior. The couple was captivated not only by its coveted location in Manhattan Beach, Calif., but also by the extensive renovation.

The result? What was a \$1.5 million renovation job in 2019 morphed into another around \$400,000 in design work for Ms. Word. The approximate costs of the redesigns include the construction elements.

"I knew the space inside and out. I just had to transform it to create a different experience," says Ms. Word, founder of Los Angelesbased Wendy Word Design.

The main change was to adapt the house to the Schachters' way of life. The previous owners had one teenage son and two cats. They'd lived there pre-Covid, so working from home wasn't as much of an issue. Ms. Word had turned open spaces into compartmentalized and specialized areas for each member of the family.

Since Covid meant Mr. Schachter, 37, a private-equity executive, and Ms. Schachter, 34, a psychologist, were working from home a lot more, they wanted to turn the rooms back into flexible spaces. When they bought the house, Ms. Schachter was pregnant, so they were also looking to accommodate a baby.

Ms. Word's redesign turned the former owner's teen hangout room, originally a dining room, back

into a dining room. When the pocket doors are open, the dining room becomes an extension of the adjacent seating area just off the main entry.

The kitchen became more open and casual with the addition of a banquette in place of a formal seating area. Ms. Word included a small office space between the banquette and the kitchen island for Ms. Schachter, who juggles her

work as a psychologist while taking care of the couple's 1½-year-old son.

In the media room, where Ms. Word had put in built-in bookshelves and created a custom beverage bar for her former clients, she added a big sectional sofa, turning it into more of a family hangout space.

Much of the change was effected through new furniture, which Ms. Word found easier to design and have

built herself rather than source from companies due to pandemic-related supply shortages. In all, she created the bed in the main bedroom, numerous chaises, a sectional sofa, the dining room table and the kitchen banquette.

Mr. Schachter grew up in Beverly Hills, in a neighborhood he says didn't have a tight community feel but where he made lifelong friends. Ms. Schachter grew up in the Chicago suburbs, where she remembers big neighborhood Fourth of July parties and lots of friends coming in and out. Both wanted to create an environment for their son that was more communityoriented. "That was really important to us," she says.

Manhattan Beach fit the bill. The small city, with a

population of around 35,000, is in the South Bay region of L.A. and is known for its volleyball and expensive homes: the median sales price in February 2022 was around \$4 million, according to Redfin.

In January 2020, the couple stayed at a local hotel and spent days driving the city's streets to get a feel for the area. They noticed kids on bikes and groups of adults having coffee. They saw their current house the day it hit the market and put in a bid four hours later.

Once their offer was accepted, the Schachters asked the sellers the name of their designer and called Ms. Word right away.

Here's a rundown of Ms. Word's first and second design renovations:



#### **Living Room**

**■ 2019:** Furnished with four chairs and a round table,

▶ 2021: Furnished with different pieces, **\$55,000** 

#### Dining Room/Teen Hangout

2019: Dining room to teen hangout room, **\$70,000.** Work included installing doors for privacy and to minimize sound, adding built-in cabinetry for games, crafts and technology and furnishing the room with a big sectional sofa, a plush rug and leather ottomans for a lounge feel.

► **2021:** Teen hangout room back to dining room, \$50,000. Edited the cabinetry to make it suitable for wine storage, put in a large dining table and chairs, and painted the room a deep blue.

#### **Media Room**

2019: Created a formal library, **\$120,000.** Work included designing built-in cabinets and bookshelves with a library ladder and some open shelving for display and creating a custom beverage bar. Put in two sofas, vintage chairs, and rugs.

**▼ 2021:** Made the library into a more casual media room. \$65,000. Work included building a sectional sofa and buying caned chairs and pillows and throws



spent in 2021)

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Main Bedroom (not pictured)

2019: Furnished with an upholstered bed, nightstands, a rare inlay tall chest, a mother of pearl mirror and original artwork by Fran O'Neill, \$80,000.

2021: Furnished with more clean and modern shapes, \$70,000.



#### Kitchen

2019: Made a casual kitchen more formal by adding a dining area, **\$55,000.** Work included putting in a dining table, settee and baker's rack.

▲ **2021:** Making the kitchen more casual again, **\$35,000.** Installed a custom-designed banquette where the dining table had been and put in a small desk.

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### **MANSION**

### A Heritage Hill Home

Continued from page M1 had spent \$220,000 on renovations, so the interior needed little more than paint. The exterior of the three-story home features a 12-by-20-foot front porch with four white columns.

After a 90-minute tour, the couple made an offer, and the next day settled on a price of \$859,000, recalled Mr. Hammerslag, 58, who owns Great Lakes Access, a construction-equipment rental company.

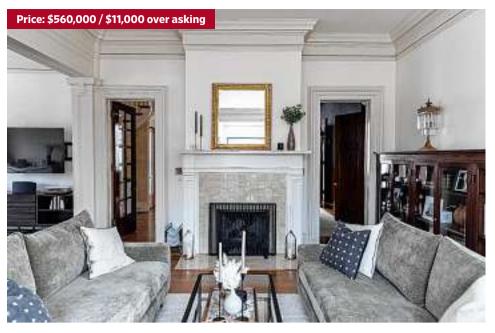
Heritage Hill—an enclave with grand historic homes in a wide variety of architecture styles—is in the midst of a booming real-estate market. It is an example of how the postpandemic housing market is helping revive the fortunes of neighborhoods that had once fallen into disrepair.

Sales of homes have jumped about 12% from two years ago, according to Jeff Martin, a real-estate agent with Coldwell Banker Schmidt. The median price is \$387,000 according to Realtor.com, compared with the median price of \$357,000 for Grand Rapids and its suburbs overall.

In the past 19 months, 12 homes have sold for more than \$499,000; seven of those sales in this year. In January, a traditional-style house sold for \$900,000, which sales of homes tied the record for in Heritage Hill the most paid for a in the past two home in the neighborhood.

House hunters like the Hammerslags are drawn to the walkability of the area's tree-lined streets, its proximity to a lively downtown scene and its reputation for being close-knit. Heritage Hill has a population of about 3,400 in a city of about one million people in its metropolitan area.

"Within a mile circle, there are 40-plus bars, restaurants and movie theaters," said Mr. Hammerslag, adding that he often walks along the Grand River that divides the city. The western shore of the







has a two-block walk to

feel with big-city ameni-

ties," she said.

married in

July 2021 in

Bay Harbor,

Mich., in-

viting 125

guests. "I

lining to

eveld.

guess there

was a silver

pushing back

the wedding

date," said Mr. Hen-

Liz and Ray Bracken had

moved to Heritage Hill in

two children were born,

the late 1980s. When their

The couple

downtown. "It's a small-city

GRAND

**MICHIGAN** 

river is industrial, but the east side offers a variety of eating and drinking establishments. Heritage Hill dates to the early 1840s when barons of

the Michigan city's furniture, lumber, railroad and other businesses began building stately homes in some 60 styles, including Greek Revival, Shingle Style and Queen Anne. One home by

Frank Lloyd Wright was built in the Prairie Style.

In the 1960s, when urban renewal plans proposed bulldozing large sections of the 10 block long, five block wide area of Heritage Hill, a group of nearly 100 residents came together to halt the effort and preserve the abundance of architecturally significant homes.

Highway projects had already torn down hundreds of Grand Rapid's businesses, theaters and homes, amid a population flight to

the suburbs. The residents formed the

Heritage Hill Association and got the area placed on the National Register of Historic Places in 1968. By the 1980s, however, the area faced another downturn as industries left the city. About a third of the homes-many rentals or multiuse buildings—had fallen into disrepair.

The trend began to be reversed in the early 1990s, as young couples and families started to invest in the historic homes, which could be bought at modest prices. A few years later, the downtown began revitalization efforts and the city saw an uptick in business growth, particularly in healthcare.

Heritage Hill is now in walking distance from Medical Mile, which includes biomedical research and science education facilities. The Doug Meijer Innovation Center is set to open in 2023.

When Katie and Matt Heneveld had to postpone their wedding plans due to the Covid lockdown, they got busy house hunting instead. Their options were limited.

"We knew every house on the market, but we wanted to be in Heritage Hill," said Mrs. Heneveld, 31, who works in logistics. Mr. Heneveld, 32, is in commercial real estate. Both work from home.

The couple bought an 1873 Italianate home they saw listed in August 2020. Mrs. Heneveld showed up at three consecutive days of open houses and won over the owners.

The 3,711-square-foot, three-bedroom, newly renovated home in the north-

western edge of the neighborhood had been in the same family for a century.

The couple paid \$560,000 for the property-\$11,000 over asking. "[The house] has so much of its original character," Mrs. Heneveld



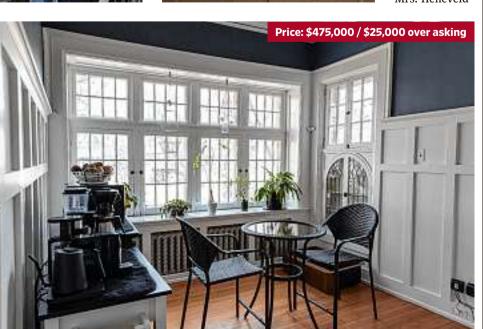
increase in

years.

Liz and Ray Bracken had once lived in Heritage Hill in the 1980s, and returned in 2021 to buy a five-bedroom home.









Katie and Matt Heneveld bought a three-bedroom 1873 Italianate home in 2020 that had been recently renovated.



they relocated to Grand Haven, adjacent to Lake Michigan, for 25 years. After their children graduated from college, they

> wanted to move back to their old neighborhood.

> > looked at several homes in a threemonth period in 2021, "The

Thev

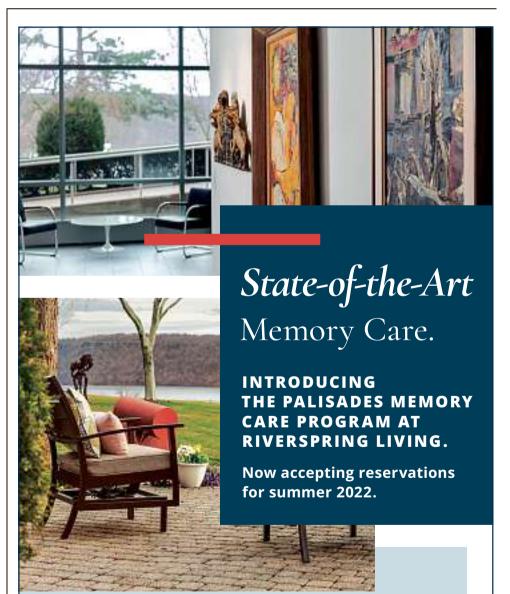
homes all sold in a day or two and many over market price," said Mrs. Bracken, 59, who is president of Grand River Bank in Grandville, a suburb of

Grand Rapids.

They finally landed a house in the southeast section of Heritage Hill, paying \$475,000, about \$25,000 over the asking price.

The Italianate house has 3,615 square feet and five bedrooms on a third of an acre. Ezra Nelson, a furniture mogul, built the home in 1860.

"Our timing was perfect," said Mrs. Bracken, whose husband works in manufacturing sales. The couple visited the home on a Sunday in October at 2 p.m. and by 4 p.m. had made an offer. "We debated \≡ for about 30 minutes," she said. "We haven't seen any homes similar to this."



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### Her Parents' Wish Nudged Her to Seize A Dream

The 'Better Call Saul' actress on her nomadic youth, her father's death and her mother's drive

e moved around a lot when I was little. My father, Fred, was a special agent for the Naval Investigative Service and often was transferred for extended periods to work on differ-≣ent cases.

When I was 2, we left Norfolk,  $\stackrel{\mathbb{R}}{\approx}$  Va., for Japan. As we drove away, ♯I remember being very sad, wav-≦ing goodbye to my grandmother. I also was sad to leave teachers and

∯friends when ≟we departed Japan, Arizona gand other loca-≝tions.

Leaving was hard, but arriv-≷ing was always fun. Our family ਫ਼ੋlived on mili-<sup>≅</sup>tary bases from gtime to time ≧but mostly in Eprivate housing. I started

drawing as a toddler. My dad ≟and his mom

∛were skilled illustrators and paint-ਦੂers. Before we left, my older sis-₹ter, Donna, and I would go to our grandmother's studio to draw and spaint in our coloring books.

When I was 9, the transfers Eended and we settled down in the

Virginia Beach area. I had long wanted to live in a two-story house with stairs leading up to my bedroom, like the ones on TV sitcoms. I begged and begged, which secured me the room over the garage in our blond-brick house. I felt I lived in a tree-

A few years later, my parents divorced. I was heartbroken. I didn't understand until much later that they had struggled as a cou-

> ple. At the time, I felt as if a love story was ending.

Marlene, my mom, moved with my sister and me to a modern duplex nearby. Donna and I were able to ride our bikes back and forth between our parents' houses.

For my part,

I was an independent child. This came from our frequent moves and being forced to adjust to new settings and make new friends. But I also think

it's who I was. My sister and I had to learn early to make ourselves a snack,



Rhea Seehorn in Los Angeles in 2021, above. Left, Ms. Seehorn, center, at age 2, with her father, Fred, sister, Donna, and dog, Barney, in Norfolk, Va. Top right, Ms. Seehorn and Bob Odenkirk in the TV series 'Better Call Saul.'

start our homework, and fish out outfits for the next day and make sure they were washed.

I went to high school in Kempsville, Va. I excelled in English and art and did well in most other classes. I very much wanted to make good grades.

After graduation, I attended George Mason University, where I studied painting and drawing. Two months before the end of my freshman year, my father died. We had been close, so the news hit me hard.

Both of my parents had made me feel not only free to go after whatever I wanted to do in life but also that it was an impera-

Part of my drive came from

watching my mother reinvent herself after the divorce. She worked as an executive assistant, a paralegal assistant and manager of quality control for training for the Navv.

As for my dad, I had listened to him talk about wishing he had purchased a boat and opened a bait and tackle shop. I never wanted to feel that way.

After my father died, I took dance and acting as college electives. I was a big storyteller and liked writing stories. Secretly, I thought it would be great to be an actor, to perform the stories.

Fortunately, my drama professor saw something in me and became a mentor.

The first time somebody paid



**RHEA'S WAYS** 

Name pronunciation? Ray, as in

Rental bonus? I have an art studio

Painting? Between projects. I work on other visual arts to unwind while filming.

**Memorizing lines?** I hand-write them over and over in notebooks.

Where? In my home office. It must be absolutely quiet, and I don't like to be interrupted.

for a ticket to watch me perform was a commedia dell'arte piece in Washington in the 1990s. As far as raising my profile, being cast for "Better Call Saul" in 2015 opened new doors and dramatic roles for me.

Today, my fiancé, Graham, and I live in Los Angeles. We're in a very cute rental as we look for a house to buy. Graham is a real-estate agent, so we're in good hands.

What's most important for us is a home that decreases the commute for us and the time it takes our kids to get to school.

Having stairs to an upstairs bedroom is no longer an obsession. My home fantasy now is for us to have a house in L.A. and an apartment in New York. I'm working on it.

—As told to Marc Myers

Rhea Seehorn, 49, is an actress who has appeared on TV's "Veep" and "The Act." She is best known for her role as attorney Kim Wexler on AMC's series "Better Call Saul," now in season 6.

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**M10** | Friday, April 22, 2022

Purchase price in the 1970s: \$700,000

### PRIVATE PROPERTIES

### **Investor Bernard Schwartz Lists** Manhattan Co-op

Bernard L. Schwartz, 96, is at an age when many of his friends have left New York for Florida. Not him.

Instead, Mr. Schwartz is trading his longtime Upper East Side co-op for a condo downtown. "I'm not a young chick," said Mr. Schwartz, whose uptown apartment is listing for \$28.5 million. But "after 45 years, I figured even I need a new experience."

Located in a prewar building on Fifth Avenue between 75th and 76th Streets, Mr. Schwartz's eighth-floor co-op has 10 rooms with two wood-burning fireplaces, and it can be configured with four or five bedrooms, said listing agent Kathy Sloane of Brown Harris Stevens. A gallery with darkwood floors and mirrored walls connects to the living room and library, which have park views, she said. There are also park views



from the primary bedroom.

Mr. Schwartz, the former chairman and CEO of the defense electronics company Loral Space & Communications, said he bought the Upper East Side apartment in the 1970s for around \$700,000, "which in those days was a lot of money." He raised two daughters there with his first wife, Irene Schwartz, who died in 2014. They remodeled several times and entertained often, he said. In 2017 he

paid nearly \$9.4 million for a 10 rooms, 16th-floor condo 2 fireplaces, at 212 Fifth Avepark views nue, near Madison Square Park, records show. Mr. Schwartz said he and his second wife, Denise Schwartz, have rented the condo out for the past three years, but now plan to move into it. Although

it is a little smaller than the co-op,

he said, it is the "right move."

FOR SALE Mr. Schwartz also has homes in Southampton and Palm Beach, he said, but New York will continue to be his primary home. "A lot of my friends are moving to Florida," he said. "I tell them, New York is

in New York."

Mr. Schwartz, who grew up in Brooklyn, had a storied career as a corporate deal-maker. He was chairman and CEO of Loral Space & Communications from 1972 to 2006. He now runs a private in-

where I grew up. New York is

where my opportunities were...I'm

a New Yorker and I want to stay

vestment firm and is active in the Democratic Party.

Ms. Sloane said the luxury market is strong, though it is constrained by little available inven-

Unlike the start of the pandemic, when people moved out of the city, she said, "no one wants to give up their New York apartments."

-E.B. Solomont

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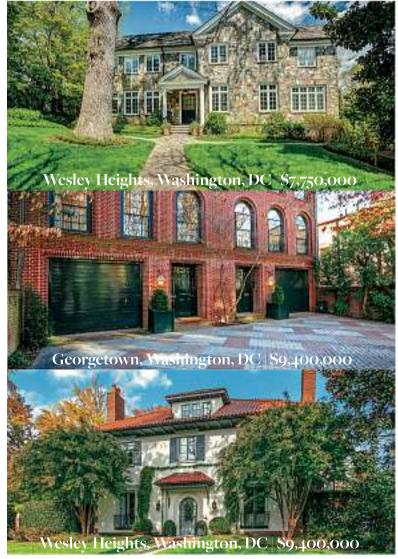
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### Hitting the High Seas

**M12** | Friday, April 22, 2022

 $Continued\, from\, page\, M1$ cruising to the Bahamas and frequently docking at a marina in Jupiter, Fla. He's currently planning to spend a few weeks in the Bahamas, then cruise back up the East Coast for the summer, making stops on the coastlines of Georgia and South Carolina, weaving through Chesapeake Bay and eventually docking in Connecticut. The \$1.9 million yacht he bought last July is a Navetta 52, built by the yacht maker Absolute Yacht, and has three bedrooms, a large terrace, a main salon with 360-degree views and an outdoor galley with a dining table. It is built for cruising, with high ceilings and large windows. The motor yacht is small enough that Mr. Akellian can operate it without a crew.

"I figured I could buy a \$2 million home in Jupiter or I could buy a \$2 million boat and go different places and explore different areas," Mr. Akellian said. "Economically it just felt right."

Spending long periods living on board a yacht has long appealed to superrich business titans such as DreamWorks co-founder David Geffen. Now, as the pandemic drags on, it has gained popularity among a subset of people fortunate enough to be able to afford it and looking for a low-risk way to travel. "A lot of our clients have wanted a safe haven, a private domain where they could be away from other people and feel safe with their families," said Jim Dixon of Winch Design, an international design firm that works on yacht projects.

The proof is in the numbers, which show three years of consistent order-book growth in the yacht sector, according to Boat International. The yachting trade publishing company found that, at the end of December 2021, there were 1,024 boats on order and in production for the following year, up almost 25% from the tally at the end of the 2020. The surging numbers of new and would-be yacht owners have left marinas packed and global shipvards with lengthy order backlogs, compounded by supply-chain issues brought on by Covid and the war in Ukraine.

"The clients without yachts are desperately searching for a slot or a production boat already in build, which has a shorter lead time," said Mr. Dixon, noting that while he's constantly in communication with shipyards about their capacity, many of his new projects now won't be completed until 2026 or 2027.

When the pandemic hit, Florida developer Gil Dezer, 47, best known for condos such as the Bentley Residences in Sunny Isles Beach, was fortunate enough to already own his 84-foot motor yacht, a Sunseeker Predator retrofitted with a special engine package that achieves 45 miles an hour. He bought it for \$7.7 million in 2010. At the height of the early pandemic, he and his then-girlfriend were occasionally traveling 200 to 250 miles a day. Sometimes, his two children would join them, doing Zoom school aboard, he said.

"It used to be, we would go out once a month for three days or so, but during Covid it was a savior because it meant we weren't stuck at home," he said. "We took it out for months at a time and went up the East Coast to Martha's Vineyard. We got to see the United States."

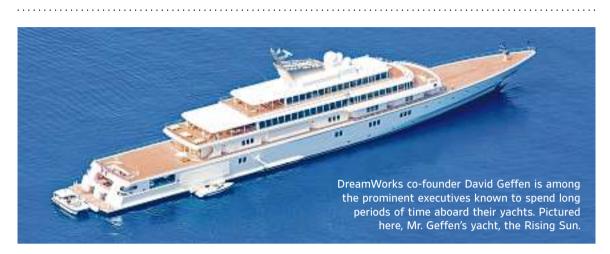
The expeditions came with a price. Mr. Dezer said his boat's superfast engines burn about 220 gallons of diesel per hour, whereas a typical boat of that size burns about 60. Mr. Dezer said his then-girlfriend occasionally felt some cabin fever but he never did. With four bedrooms and often just two people aboard, he said there was plenty of room to grab a moment of privacy.

But even those who already have a yacht can't avoid the supply-chain issues. Mr. Akellian said he recently ran around for weeks trying to buy a small inflatable tender for his boat, but with at least one large tender manufacturer based in Ukraine, it was next to impossible. When he finally found one, manufactured in Turkey, he was told it wouldn't arrive for more than a month, he said.

Vural Ak, 54, a Turkish entrepreneur and speed enthusiast whose interests include a rental



Turkish entrepreneur Vural Ak completed the construction of his superyacht, Victorious, at a purpose-built shipyard.









David and Susan Akellian opted for a boat that didn't require a crew. They purchased their motor yacht, a Navetta 52 from yachtmaker Absolute, for \$1.9 million in July of 2021.





car company, agricultural businesses and a motor sport racetrack, completed his superyacht, the roughly 280-foot motor yacht Victorious, last year. Superyachts are generally defined by brokers as those over 25 meters in length. Mr. Ak, who normally lives in Istanbul, said he intends to spend four or five months a year on the boat and, as such, like many other yacht owners, is looking to maximize its autonomy.

The long-distance Victorious has a range of about 15,000 miles and enough refrigerated food storage and freezers to provision for six months at sea. It has a gentleman's club with a woodburning fireplace, a beach club, a gym, a massage room, a beauty



Gil Dezer had his boat, an 84-foot Sunseeker Predator, fitted with extremely powerful engines.

salon, a hammam, a children's playroom for Mr. Ak's three children and a flexible workspace that can be transformed into an entertainment area. The cost: roughly \$100 million.

Elaborate heating and air-conditioning systems mean the boat can operate easily at almost any temperature," Mr. Ak said. "It can be in Saudi Arabia or in Antarctica," he said.

Mr. Ak's journey to build Victorious predates the pandemic but it still influenced the design. He included a space that could be used as either an isolation or hospital room with its own separate HVAC system in case someone on the boat is required to quarantine.

He purchased the incomplete yacht from Graeme Hart, New Zealand's richest man, in 2016, he said. Then, struggling to find a shipyard that could complete the boat to his desired specifications, he eventually resorted to starting his own shipbuilding company in Istanbul. His wife, Nur Ak, and friends thought he had lost his mind, he said.

Zaniz Jakubowski, a Londonbased designer who goes by the name Zaniz and who recently designed a roughly 350-foot yacht, said she's also seeing an uptick in new owners looking to make their yachts more efficient, asking about the latest innovations in fuel efficiency and in wastewater treatment systems, which can reduce the volume of waste over long passages. They are also more focused on fast connectivity and solid Wi-Fi, so owners can work remotely more reliably, she said.

"I have clients who now live aboard three to four months of the year," she said. "I think people have realized how wonderful it is to be on board for extended periods, which then changes the design slightly."

She said clients looking to maximize their time on board are asking for spaces that can be used in several different ways. On one of her most recent projects, a luxury superyacht, Zaniz said she included an office with a personal assistant's office attached. The project also included a "touchand-go" helipad immediately outside the office so that clients could come in for a meeting without moving around the whole yacht to get to the main helipad. She also designed a series of cold rooms, including a flower storage room and freezer space for ice cream.

"If you're out in the middle of the water and you want to dress your boat with flowers, and you're going to get a delivery every two or three weeks from Holland, you need to store the flowers in the correct environment with the correct temperature," she said. "If you have a craving for a certain ice cream from America, you need your coolers to be there."

Mr. Dixon said he recently had a client who wanted to grow his own fruits and vegetables on board.

There are, of course, drawbacks to spending long stretches of time on the water, Mr. Akellian said, especially if one's yacht doesn't fall into the superyacht category. For one, Mr. Akellian said he doesn't have a dishwasher on board, so he has to hand wash everything and minimize the pots and pans he is using. He also has no oven, so he relies on a stove top and microwave. For laundry, he mostly heads out to a laundromat since the washer on board doesn't have sufficient capacity.

"I've never been one to separate the whites from the colors," he said. Mrs. Akellian, 61, still works in New Jersey and visits periodically.

Another inevitable part of yachting is wear and tear on the boat. Mr. Dezer said he had to put his boat, which had been getting battered, in the shop for repairs late last year. It is slated to be back in the water next month.

Then there is the volatile price of fuel.

"When I burn my engines for the full day and then go to the dock to refuel, they say 'That'll be \$800.' You're thinking, 'Oh, my God. That's more than my first car cost.' "

Mr. Dezer said he would like to upgrade to a new boat, but most shipyards no longer make superfast boats with engines such as the ones on his Sunseeker Predator. He said most companies are now trying to be more sensitive about the environment.

"If you have to worry about gas, you shouldn't have one of these boats. That's my answer," Mr. Dezer said.

or 'Y' or

L