THE WALL STREET JOURNAL.

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THURSDAY, OCTOBER 19, 2023 ~ VOL. CCLXXXII NO. 93

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Biden Embraces Israel as Region Boils What's

Business & Finance

News

Netflix said its efforts to limit password sharing led to a 10.8% rise in subscriptions in the third quarter, a betterthan-expected result that comes as the company plans to increase some prices in the U.S. and other markets. A1

CEO Musk warned that Tesla will face enormous challenges scaling up factory production of its long-delayed Cybertruck as the company reported a 44% drop in third-quarter profit. B1

The Fed should extend its pause on interest-rate increases because of growing evidence that higher borrowing costs will slow the economy, the Philadelphia Fed president said. A2

+ Long-term bond yields hit a 16-year high, weighing on stocks. The S&P 500, Nasdag and Dow retreated 1.3% 1.6% and 1%, respectively. B11

Chinese property giant Country Garden missed a final deadline to pay interest on a dollar bond, potentially leading to a wave of cross-defaults on its other international debt. B1 + China's economy is shifting into a lower gear, slowed by a prolonged downturn in the property market that had long fueled its growth. A10

Morgan Stanley said thirdquarter profit fell 9% from a year earlier, hit by a sharp decline in deal making. Investment-banking revenue dropped 27%, far worse than at other banks. B1

Smithfield's Chinese parent is looking to take America's largest pork producer public again in the U.S. B10

Profit from Disney's sports segment, home to ESPN, declined 20% in the first nine months of its fiscal year, according to a filing. B2

World-Wide

• Biden, reaffirming support for the U.S.'s longtime ally in the war with Hamas, said he believed Israel wasn't responsible for a deadly blast at a hospital compound in Gaza, which has demonstrated the volatility of the



President Biden, greeted by Prime Minister Benjamin Netanyahu, pledged U.S. support in Israel's war with Hamas.

U.S., Experts Say Evidence Suggests Palestinian Rocket Hit Gaza Hospital

Israel, the U.S. government and independent security experts said Wednesday the preliminary evidence for a deadly explosion at a Gaza

> By Margherita Stancati, Yaroslav Trofimov, Nancy A. Youssef and Stephen Kalin

hospital compound pointed to a local militant group, casting doubt on Palestinian claims that an Israeli airstrike was responsible.

Independent analysts poring over publicly available images of Tuesday's explosion at Al-Ahli Arab Hospital in Gaza and its aftermath said the blast site doesn't bear the hallmarks of a strike with a bomb or missile of the types usually used by Israel.

The amount of damage also appears inconsistent with the Hamas-controlled Gaza Health Ministry's assertion that 471 people were killed, experts said. U.S. officials say that the death toll so far is likely between 100 and 300 people.

"We have none of the indicators of an airstrike-none," said Michael Knights of the Washington Institute for Near East Policy, an expert on military and security issues.

The U.S. has collected "high confidence" signals intelli-Please turn to page A9



The site of the blast at Al-Ahli Arab Hospital in Gaza on Wednesday. Hamas's claim of an Israeli strike was disputed.

President ends brief visit, says Egypt will allow humanitarian assistance into Gaza

By WILLIAM MAULDIN AND JARED MALSIN

TEL AVIV—President Biden, reaffirming U.S. support for its longtime ally in the war with Hamas, said he believed Israel wasn't responsible for a deadly blast at a hospital compound in Gaza that has demonstrated the volatility of the conflict and heightened fears of escalation.

"I was deeply saddened and outraged by the explosion of the hospital in Gaza [on Tuesday], and based on what I've seen, it appears as though it was done by the other team— not you," Biden told Prime Minister Benjamin Netanyahu of Israel before departing Israel Wednesday evening.

Asked what gave him confidence that Israel wasn't behind the explosion, Biden responded: "The data I was shown by my Defense Department."

On the trip back to Washington, Biden said President Abdel Fattah Al Sisi of Egypt had agreed to open up the Rafah border crossing to allow up to 20 trucks of humanitarian assistance into Gaza. That is about an eighth of what aid workers estimate is required to meet the needs of 1.7 million people now gathered in south Gaza.

Egyptian officials acknowledged they had reached an agreement, but said there was no mechanism to move aid over the border and noted that the Rafah crossing had been destroyed in an Israeli airstrike and needed to be repaired. Biden said repairs would begin Thursday and would take about eight hours.

Please turn to page A8

- Protests spread through Muslim world..... Blast stuns doctors: 'No
- place is safe now' A9
- U.S. grandmother strives to flee Gaza.... .. A9

Jordan's GOP Backing Netflix Plans to Raise Prices, Ebbs on Second Ballot Password Curbs Lift Growth

conflict and neightened fears of escalation. A1, A9

Israel, the U.S. government and independent security experts said preliminary evidence for the explosion at the Gaza hospital compound pointed to a local militant group, casting doubt on Palestinian claims that an Israeli airstrike was responsible. A1 The blast at the Al-Ahli Arab Hospital set off a wave of protests across much of the Middle East and the broader Muslim world, some of them calling for death to Israel. A8

• Jim Jordan failed again to win enough votes needed to be elected House speaker as divisions hardened among Republicans, with some lawmakers pursuing new paths to break the impasse that has paralyzed the chamber. A1

• Pfizer will price a course of its Covid-19 drug Paxlovid at nearly \$1,400 when commercial sales begin later this year, more than double what the U.S. government has paid. A3

The U.S. removed sanctions against Venezuela's oil and gas sector in response to a deal between Maduro and his political opponents that could lead to a presidential election next year. A18

Demonstrators at widespread political protests in Guatemala closed roads, choking exports and causing shortages of fuel and food. A18

Business News	1 1 7
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WASHINGTON—GOP Rep. Jim Jordan failed again to win enough votes to be elected House speaker as divisions

By Kristina Peterson, Siobhan Hughes, Lindsay Wise and Katy Stech Ferek

hardened among Republicans,

with some lawmakers pursuing

new paths to break the impasse that has paralyzed the chamber. More than two weeks after Rep. Kevin McCarthy (R., Calif.) was ousted as speaker, Republicans remained gripped in a fierce internal struggle over his successor. Jordan said Wednesday he would keep up his campaign, but he pushed off any further voting until Thursday

at the earliest as mounting GOP defections on Jordan's second ballot left Republicans snarled in warring factions over what should happen next.

"This is not about any one perfect person," said Rep. Brian Fitzpatrick (R., Pa.), a centrist who backed the hard-right Jordan. "I just want the lights on so we're a functioning branch of government."

The chamber's operations have ground to a halt with no elected speaker. The House can't take any steps to provide additional aid to Israel or Ukraine, fueling frustration among lawmakers over the stalemate. Congress also faces a crucial deadline next month, when current government funding runs out. Please turn to page A4

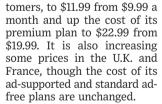
By Jessica Toonkel

Netflix said its effort to limit password sharing led to a 10.8% rise in subscriptions in the third quarter, a betterthan-expected result that comes as the company plans to increase some prices in the U.S. and other markets.

Shares rose more than 12% in after-hours trading. The streaming giant added 8.8 million subscribers in the third quarter with customer growth in every region, its largest quarterly customer gain since the second quarter of 2020.

The company plans to immediately raise prices for its basic plan in the U.S., which is no longer available to new cus-

INSIDE



The price increases are a sign of streamers' efforts to improve profitability and wean consumers off the low monthly subscription fees that drew users away from pricey cable bundles in the early days of streaming.

Netflix said in its thirdguarter earnings report that its average revenue per member decreased 1% year-over-year as a result of limited price increases over the past 18

months, a higher percentage of its growth coming from countries where it charges less for plans, and changes to its mix of its subscriptions. It expects average revenue per member to improve in 2024 given the price increases and the expected growth in ad revenue.

Netflix has fared better than many of its rivals this year, with companies like Disney and Warner Bros. Discovery grappling with ailing legacy cable businesses and costly transitions to streaming on top of strikes that disrupted their production schedules.

The company ended the quarter with 247.15 million paid subscribers, up 10.8% from Please turn to page A7

Need a Day? Employees Feel Free to Call in Sick

BY TE-PING CHEN

The bar for taking a sick day is getting lower, and some bosses say that's a problem.

U.S. workers have long viewed an unwillingness to take sick days as a badge of honor. That's a laurel workers care much less about these days. The number of sick days workers take annually has soared since the pandemic, employee payroll data show. Covid-19 and a rise in illnesses such as RSV, which can require days away from work, are one reason. Managers and human-resources executives also attribute the jump to a bigger shift in the way many employees relate to their jobs.

For one, more workers are using up sick time often for

reasons such as mental health. And unlike older workers, who might have been loath to call in sick for fear of seeming weak or unreliable, younger workers feel more entitled to take full advantage of the benefits they have been given, executives and recruiters said. That confidence has only grown as record low unemployment persists.

So far this year, 30% of white-collar workers with access to paid leave have taken sick time, up from 21% in 2019, according to data from payroll and benefits software company Gusto. Employees between the ages 25 and 34 are taking sick days most often. with their use rates jumping 45% from before the pandemic. Some employers, such Please turn to page A12

Chatty Parent Group Texts Swell To Dozens of Messages at a Time

Moms and dads wrangle five or more

threads about playdates, sports, pinkeye

BY TARA WEISS

first-graders.

the group chat af-

ter a work meeting

and saw 27 mes-

Hunt

Jolie Hunt got her first brush with the reach of WhatsApp during a recent messaging thread of New York City parents arranging a pizza playdate for their

opened



sages. "I thought, 'Oh, no. There's been a fire,' " said Hunt, the mother of two elementary-school children and chief executive of a communications consulting firm.

There was no fire, just the minutiae of a typical parent text chain-one after the next,

seemingly without end, at turns a convenience and a nuisance.

"5 slices for us. We'll bring something bubbly."

"I'll bring snacks and 2 slices please.

"2 kiddos and 2 parents. I would guess five slices. Let us know how we can send over some money."

Hunt decided to check the group chat only periodically. 'Removing myself feels too aggressive," she said. "I'm a new parent at school, and it's only been two weeks."

Message groups are a lifesaver for many busy families Please turn to page A6



SPORTS

The Las Vegas Aces beat the New York Liberty to win back-toback WNBA titles. A14

PERSONAL JOURNAL

More frequent airline delays have changed how business travelers plan their trips. A11

U.S. NEWS



$\textbf{CAPITAL ACCOUNT} \mid By \ Greg \ Ip$

Don't Rule Out a China Financial Crisis

he world's secondlargest economy has a deflating property bubble, governments struggling to pay their debts and a banking system heavily exposed to both.

Anywhere else these factors would be seen as precursors of a financial crisis. But not in China, conventional wisdom goes, because its debts are owed to domestic rather than foreign investors, the government already stands behind much of the financial system and capable technocrats are on top of things.

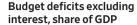
Conventional wisdom might be dangerously out of date.

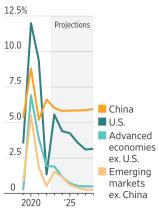
True, an imminent meltdown like the global panic that followed Lehman Brothers' failure in 2008 is highly unlikely.

Yet China's fiscal and financial imbalances are so large that they have taken the country—and, because of its size, the world—into uncharted territory. We simply don't know how well the Chinese economy, and a leadership now concentrated in the hands of President Xi Jinping, can navigate these strains.

The scale of the problem emerges from a series of reports issued last week by the International Monetary Fund.

First, while China reported stronger-than-expected economic growth of 4.9% in the year through the third quarter, its medium-term outlook



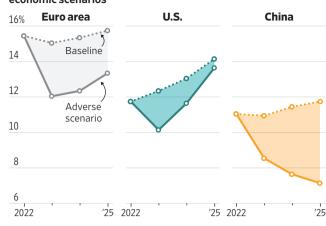


*Tier 1 Common Equity

has plainly deteriorated. The IMF sees the country's growth averaging just 4% over the next four years, down from its projection of 4.6% a year ago. This makes it far harder to grow out of its debts than when growth was 10%, over a decade ago.

S econd, the IMF has also boosted projections of Chinese government deficits, which they now see swelling from 7.1% of gross domestic product this year to 7.8% in 2028.

The problem isn't with the central government but local governments that borrowed heavily via off-balance-sheet financing vehicles to fund urban development projects. Their liabilities now equal 45% of GDP, and including Bank capital ratios in baseline forecast and under adverse economic scenarios*



Source: International Monetary Fund

well capitalized to start with. And a recession would deplete that capital significantly, as stress tests the IMF conducted on banks around the world illustrate. For China. the IMF simulated an adverse scenario in which growth averages 1% instead of 5% for three years and property values decline. The result: Chinese banks' capital ratios would plummet from 11% last year to 7.1% in 2025, the worst of any region under the stress tests.

As loan losses mount, banks lend less. Local governments slash investment and social services. Economic growth and property values weaken further.

Financial crises in Latin America in the 1980s, southeast Asia in the 1990s and the euro area in the 2000s were greatly amplified by the exodus of foreign capital. By contrast, China is a net lender to the world and tightly controls inflows and outflows of capital. Its debts are owed to itself.

Chinese banks are also mostly owned or controlled by the central or local governments that would presumably not let them fail, precluding bank runs and panics. In China's last bout of banking trouble 20 years ago, bad loans were transferred at par value to state asset-management companies.

But sometimes financial crises occur because local, not foreign, investors flee. Nor are they always fast and violent, like the global financial crisis from 2007 to 2009. Some unfold over years, as occurred in Spain in the 1970s and the U.S. (with its savings and loan institutions) in the 1980s.

The origins of China's big debts are in many ways a textbook case of moral hazard. Developers and local governments were able to borrow so much because lenders assumed Beijing would bail them out. But that assumption is based on implicit, not explicit, guarantees.

Logan Wright, director of China research at Rhodium Group, a research firm, said a financial crisis in China wouldn't originate with an external shock or sudden revaluation of assets to reflect lower market prices. Instead it would happen when investors who assumed the government stood behind their assets learn that it doesn't.

As the government's implicit backing is withdrawn from peripheral assets, investors might assume it no longer applies to core assets such as small banks, mortgage loans and then local governments, Wright said.

Chinese officials have taken tentative steps to restructure local government debts and prod troubled developers to finish projects.

But the debts are too large and growth too slow for China to sweep bad loans under the rug as it did 20 years ago, said Martin Chorzempa, a China expert at the Peterson Institute for International Economics.

A multiyear financial quagmire that depresses Chinese consumer confidence would sap demand for imports while swelling exports, pressuring foreign producers.

And while contagion is circumscribed by the limited connections between China's financial system and the rest of the world's, that system is still, in absolute terms, gigantic. Should it start to flail, the shock waves seem certain to be felt, somehow, abroad.

 China's economy faces long-term woes...... A10

Top Fed Official Backs Pause in Rate Hikes

them in China's government

debt would vault the total to

149% of GDP by 2027, above

Local Chinese govern-

ments have struggled to ser-

vice their debts as land sales.

a primary source of revenue,

have dried up. Indeed, the

IMF estimates 30% of local

government financing vehicles are "non viable without

This is a big problem for

roughly 80% of that debt. Just

half the cost of restructuring

that debt would saddle them

with impairment charges of

percentage points off the ratio

Chinese banks, relative to

their global peers, aren't that

\$465 billion—chopping 1.7

of loss-absorbing capital to

assets, the IMF estimates.

government support."

China's banks who hold

Italy's at 141%.

By NICK TIMIRAOS

The Federal Reserve should extend its pause on interestrate increases because of growing evidence that higher borrowing costs will slow the economy despite recent signs of hiring and spending strength, a top central bank official said.

Philadelphia Fed President Patrick Harker in a Tuesday interview said he thinks the central bank can likely wait until early next year to decide whether rapid rate increases over the past 20 months have done enough to keep inflation heading lower.

"This is a time where we just sit for a little bit. It may be for an extended period; it may not. But let's see how things evolve over the next few months," said Harker, who has a vote on interest-rate policy this year.

"contact after contact after contact is that things seem to be slowing down."

For example, bankers have reported more business loans are coming due and will need to be renewed at much higher rates. "They're concerned that some of those businesses and their business models will not be able to survive those higher rates," said Harker, a former university president.

The Fed most recently raised rates in July to a range between 5.25% and 5.5%, a 22year high. Several officials have signaled over the past week that they are comfortable holding rates steady at their Oct. 31-Nov. 1 meeting. That would extend a pause in rate rises from their September meeting. The Fed has also pared its \$8 trillion asset portfolio by \$1 trillion over the past year as it allows holdings of Treasury and mortgage-backed securities to mature without replacing them. Shrinking those holdings provides an additional

CARRERA

15 CHRO

form of tightening policy because, when the U.S. Treasury rolls over its debt, it must find a new buyer of the securities.

Harker highlighted the lagged effects of tighter monetary policy while addressing a national mortgage bankers convention in Philadelphia on Monday. "We did a lot, and we did it very fast...The workings of the economy cannot be rushed," he said. "By doing nothing, we are doing something. And I think we are doing quite a lot."

Harker has never dissented at a rate-setting meeting during turns as a voter in 2017, 2020 and this year. Tuesday, he said the decision to support the July rate increase was a "close call." He would need to Commerce Department on Tuesday have extended a run of firmer-than-expected economic figures. and spending, a dynamic that is reinforced when higher rates also weigh on stocks and other asset prices. "Anything that

At the same time, measures of underlying inflation have slowed markedly since June. Core prices, which exclude volatile food and energy items, rose at a 3% six-month annualized rate in August, down from 4.8% over the previous sixmonth period, according to the Commerce Department.

"If inflation were moving up in a sustained way, then I would behave very differently than if I saw just continuing strength in, say, retail sales for another month or so," Harker said.

Harker said he took added comfort that the Fed had done enough to slow the economy and bring down inflation because of a recent run-up in long-term bond yields. The 10year Treasury yield closed Wednesday at a new 16-year high of 4.902%. and spending, a dynamic that is reinforced when higher rates also weigh on stocks and other asset prices. "Anything that would reduce financial accommodation will, in essence, be doing some of the work of monetary policy, for sure," Harker said.

Harker said it would be appropriate for the Fed to consider lowering interest rates once inflation is "within a reasonable distance" of the central bank's 2% target.

CORRECTIONS ジ AMPLIFICATIONS

The Gaza Strip is about twice the size of Washington, D.C. A World News article on May 27, 2021, about Gaza incorrectly said it is about the same size as the U.S. capital.

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While recent economic data have been surprisingly brisk, Harker said anecdotal, on-theground reports from business see a "stark turn" in economic data—and in particular, signs that inflation was reaccelerating—to pivot back to favoring rate increases, he said.

A blowout September employment report from the Labor Department and a strong retail-sales report from the

Higher borrowing costs traditionally weaken investment

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TWO LEGENDS. 60 ICONIC YEARS. THE RACE NEVER STOPS

TAG HEUER BOUTIQUE FIFTH AVENUE & 51ST STREET THE MALL AT SHORT HILLS

U.S. NEWS

Covid Drug Paxlovid to Cost \$1,400 for a Five-Day Course

Pfizer is expected to offer steep discounts to ensure wide access to antiviral

BY JONATHAN D. ROCKOFF AND JARED S. HOPKINS

Pfizer will price a course of its Covid-19 drug Paxlovid at nearly \$1,400 when commercial sales begin later this year, more than double what the U.S. government has paid.

Pfizer told the pharmacies and clinics that will dispense Paxlovid, in a letter dated Wednesday that was viewed by The Wall Street Journal, that a five-day course of the antiviral will list for \$1,390. The U.S. government had paid \$529.

Health plans will probably pay much less than the list price for the pills, and most patients will have a small or no out-of-pocket cost because Pfizer is expected to offer price discounts and help patients with their out-of-pocket charges.

Pfizer has already faced

criticism from doctors and patient advocates that raising the price will limit patient access. Disclosure of the list price could fuel further criticism.

"Pricing for Paxlovid is based on the value it provides to patients, providers, and health care systems due to its important role in helping re-

duce Covid 19related hospitalizations and deaths," а Pfizer spokeswoman said.

The company disclosed Paxlovid's pricing in letters it sent to pharmacies and health clinics

that will dispense the pills around the U.S., especially af-ter the federal government winds down its exclusive purchasing agreements and its supplies run out.

The list price is the starting point for negotiations between Pfizer and firms called pharmacy-benefit managers over how much health plans will

pay for the drug and what patient copays or other out-ofpocket charges will be.

Drugmakers often choose to set a higher list price for a medicine in order to offer the kinds of steep discounts that pharmacy-benefit managers and health plans seek in exchange for covering the drug and setting low copays or other out-of-

pocket charges.

has

Pfizer

The list price is much higher than the \$529 the government had paid for it.

> lovid to be able to offer steep discounts so patients can get wide access, according to a per-

fit

son familiar with the matter. People who aren't insured usually have to pay the full price of a drug. The U.S. Department of Health and Human Services said people who are covered by Medicaid or are uninsured will be able to get Paxlovid without cost through 2028.

People covered by Medicare will be able to get Paxlovid free through 2024. After then, they could face an out-ofpocket cost depending on their Medicare plan.

Pfizer plans to subsidize copays of people who are commercially insured at least through 2028.

Pfizer officials have said that the company gave the U.S. government a volume discount in selling it Paxlovid for \$529 a course. The company charged other high-income countries \$700 to \$900 a course, according to the person familiar with the matter.

spokeswoman said. The therapy, which goes by the brand name Veklury, is given by intravenous infusion.

tious-disease physician and professor of medicine at the University of Minnesota Medical School, said \$529 a course was a more reasonable price given that many people have

developed protection against the virus from vaccinations and infections.

PAXLOVID[™] 150 mg + 100 mg film-coated tablets

30 film-coated tablets

PF-07321332 and ritonavir

(20 PF-07321332 tablets and 10 ritonavir tablets)

Paxlovid is a key weapon in the arsenal for fighting Covid-19.

2 Pfin

He said a high price could force health plans to limit access. "With a low cost medicine, they're not going to aggressively police it, but a higher price medicine they likely would," he said.

Paxlovid, authorized in the U.S. in late 2021, is a key weapon in doctors' arsenal for fighting Covid-19. People who have been infected and are at high risk of developing severe disease can take the pills at home to reduce the risk of seland Clinic that was published in September in the Journal of the American Medical Association.

A study, published in February in the journal Clinical Infectious Diseases, found that 14% of people who took Paxlovid tested positive again days after testing negative, compared with a rebound rate of 9% of those who didn't get the drug.

Sales of Paxlovid, along with a Covid-19 vaccine, boosted Pfizer's revenue last year above \$100 billion. But Paxlovid use has plunged since the

Why Healthcare Costs Are Soaring

For single coverage

Average family plan nears \$24,000 this year after the biggest increase in more than a decade

Average annual contributions to premiums

Contribution:

Worker

Inflation came for your healthcare this year. Next year is looking to be just as bad.

The cost of employer health insurance rose this year at the fastest clip since 2011, according to a yearly survey from healthcare researcher KFF. The 7% jump in the cost of a family plan brought the average tab to nearly \$24,000—more than the price for some small cars.

Workers' average payment of \$6,575 for those plans was nearly \$500 more than last year. Inflation is to blame for this year's steep increases in health insurance costs, said Gary Claxton, a senior vice president at KFF.

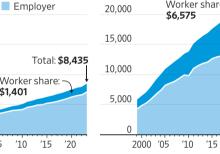


15,000 10,000 Worker share: \$1.401 5,000 2000 '05 '10 Source: KFF

\$25,000

20,000





\$25,000

For family coverage

Workers' earnings

Inflation hits

Inflation in the economy spiked in 2022.

'20

It hit health coverage this year because hospitals tend to renegotiate fees with insurers only every few years, so the increases they sought to cover their own costs are now, in turn, affecting premiums.

Employers and workers may see similar boosts in

2024, according to benefits

consultants.

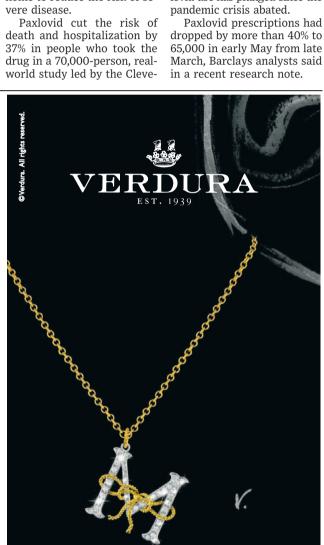
Repayment **Of Student** Debts Won't Drag Down

By Bob Fernandez

The resumption of federal payments student loan shouldn't be a big deal for the U.S. economy, according to research from the Federal Reserve Bank of New York.

Millions of student borrowers are likely to curtail their consumer spending by only about \$56 a month on average as they restart payments on student loans, the research says. Across 28 million federal student loan borrowers, this amounts to about \$1.6 billion less in consumer expenditures a month, the researchers estimate.

"The findings suggest that the payment resumption will have a relatively small overall effect on consumption, on the order of a 0.1-percentagepoint reduction in aggregate spending from August levels," the New York Fed's Raji Chakrabarti, Daniel Mangrum, Sasha Thomas and Wilbert van der Klaauw said in a post Wednesday on the bank's Liberty Street Economics blog. Federal Reserve officials and economists have warned that student loan payments this month could be a drag on the U.S. economy, as borrowers redirect funds into loan payments instead of doing other things with the moneylike buying clothing or vehicles or dining out. The U.S. government paused federal student loan payments in the early weeks of the Covid-19 pandemic in 2020. The 43-month-long breather in payments gave borrowers more than \$260 billion in waived payments throughout the pandemic that could be used on other consumption or saved in bank accounts.



INITIAL PENDANT NECKLACE Diamond, platinum and 18k gold.

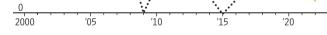
Total: **\$23,968** Worker share: -Economy

price for Pax-

begun negotiating with the pharmacy-benemanagers and health plans this week, and it Gilead is charging commerset a higher list

cial health plans \$3,429 for a five-day course of its Covid-19 antiviral remdesivir, a Gilead

David Boulware, an infec-



1,250

1,000

750

500

250

Source: KFF

2006

'10

Sources: KFF; Bureau of Labor Statistics

Steady deductibles

One piece of good news for workers is that employers aren't pushing up deductibles, which are out-of-pocket sums that workers pay for care before coverage kicks in.

The reason: Employers are still reluctant to pile new costs on workers in a tight labor market, Claxton said. In addition, some companies may worry that the cost burden on employees is causing them to avoid needed care.

Average annual deductible among workers with single coverage For workers who face a deductible \$1,750 1,500

All workers including those without a deductible

Worker choices

hospitals and doctors.

Another bright spot for

workers: The most common

type of insurance plan pro-

vides access to a wide array of

are sold as preferred provider

organizations, or PPOs. Their

popularity, despite rising costs,

indicates employers aren't

turning back to plans with lim-

ited menus of doctors and hos-

pitals, such as health mainte-

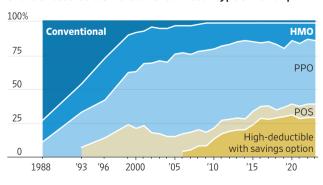
nance organizations, or HMOs.

These large, open networks

'20

'15

Share of covered workers enrolled in each type of health plan



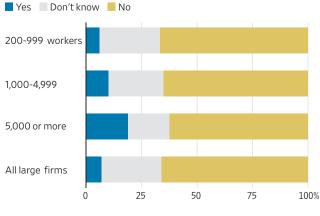
Sources: KFF; KPMG; Health Insurance Association of America

Coverage limits

The biggest companies, with 5,000 employees or more, are more prone to cover abortion, but many do so only under limited circumstances, such as cases of rape, incest or danger to the pregnant woman's health, according to the KFF survey. However, a significant share of employers-40%-said they "don't know" how they handle abortion, which Claxton said may reflect an evolving stance or reluctance to disclose a policy. Some employers have opted to pay for workers to travel to get abortions, as more states have restricted access.

-Anna Wilde Mathews and Josh Ulick

Share of large companies that provide, or plan to provide, financial aid for traveling out of state for abortions



Note: Among companies that offer health benefits; for plan with the largest enrollment Source: KFF

Interest on federal student loans resumed in September and payments began again this month.

New rules on federal income-driven repayment plans—which can reduce monthly loan payments based on borrower income-and accrued savings will ease some of the pain in the monthly payments, according to the blog post.

The New York Fed researchers said that they saw "little variation in spending responses but find that lowincome borrowers, female borrowers, those with less than a bachelor's degree, and those who were not in repayment before the pandemic expect the highest likelihood of missed student loan payments."

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U.S. NEWS

U.S. Wraps Up Its Google Antitrust Case

By JAN WOLFE, MILES KRUPPA AND ERIN MULVANEY

WASHINGTON-The landmark antitrust case against Google hit a milestone this week when the Justice Department's last scheduled witness concluded his testimony late Tuesday. Here are some kev moments so far from the public parts of the nonjury trial, which began Sept. 12 and is estimated to end in late November

Before he was Google CEO, Sundar Pichai fretted about the 'optics' of its default search-engine agreement with Apple

Years before he became Google's chief executive, Sundar Pichai raised concerns about the deal at the heart of the case: the **Alphabet** unit's contract with **Apple** that makes Google the default search engine on Apple's Safari web browser.

In an email from 2007, when Pichai was overseeing Google's Chrome browser business, he wrote that he didn't like the "optics" of Google being the only search

engine in the Safari browser. "I know we are insisting on

default, but I think we should also encourage them to have Yahoo as a choice in a pull down or some easy option," Pichai wrote. "I don't think it is a good user experience nor the optics great for us to be the only provider in the browser."

Pichai sent the email to Google co-founders Larry Page and Sergey Brin, among other executives. The CEO is expected to be called as a witness by Google's lawyers later in the trial.

An ex-Google employee took aim at the company's business practices

One of the best distillations of the Justice Department's case came from Sridhar Ramaswamy, a computer scientist and entrepreneur who once worked at Google. The government put him to the stand to explain why a search engine he launched, Neeva, failed to take on Google.

U.S. District Judge Amit Mehta, who will decide the case, asked Ramaswamy why Google pays billions of dollars a year to maintain its default

status on smartphones.

responded Ramaswamy that most users just use the default settings on a device, so Google's agreement with Apple is a powerful tool that locks out competition.

"The defaults that these devices ship with are the ones the vast majority of people are going to simply stick with," he said. "They're not going to change them.'

On cross-examination by Google lawyer Kenneth Smurzynski, Ramaswamy testified that Neeva would have been able to profitably deliver high-quality search results if it only had a 2.5% market share in search.

Google is likely to highlight that testimony in its closing arguments, saying it shows competitors don't need a large share of the market to deliver useful search results and compete with Google.



The trial has revealed new details about Microsoft's repeated efforts to get its Bing search engine more prominently placed on Apple devices. Microsoft even pitched selling Bing to Apple, but the talks never got beyond a preliminary phase.

Microsoft CEO Satya Nadella testified that the company was prepared to incur losses of \$15 billion a year to make Bing a default search engine on Apple devices.

Mikhail Parakhin, a top executive at Microsoft, later testified it was never in the cards.

"It was my impression, always, that they used us as a bargaining chip because the threat of them switching allows them to extract better conditions from Google," he testified. "It's no secret that Apple is making more money on Bing existing than Bing does."

Google is expected to argue that this testimony highlights its core theory of the case: There are other powerful players in the search market, but Apple and others elevate Google because it's simply a better product.

> Google can easily raise advertising prices without major consequences

Jerry Dischler, a Google executive in charge of advertising products, testified that Google sometimes made changes to its advertising auctions that could raise the price of search ads by 5% or as much as 10%.

* * * *

The tweaks helped Google meet revenue targets and the company usually didn't tell advertisers, Dischler said.

The question we are all faced with is how badly do we want to hit our numbers this quarter?" Dischler wrote in an email dated May 2019 that was shown during his testimony. "We need to make this choice ASAP."

A Google spokesman said advertisers never pay higher than their maximum bids, and the company is constantly making improvements to ads on the site.

🖌 DOJ says offering users a direct search choice rather than a default reduces Google's dominance

Michael Whinston, an expert witness for the Justice Department, testified that users' ability to opt out of de-

fault arrangements, something Google cites in its defense, doesn't reduce its market dominance much because so few users do so.

"One thing Google likes to say is competition is just a click away. It definitely is not in terms of how users behave," Whinston testified.

In Europe, users get choice screens instead of default search engines.

In Russia, after the choice screen was adopted, a strong rival. Yandex. was able to compete with Google, Whinston said.

Before the choice screen, Google had a share of about 60%, and with the choice screen, Yandex gained a more than 20% share. In two to three years, the numbers were reversed for the two search engines in Russia.

"If Google's quality were to stay unchanged and rivals got better, then we would expect some preference shift from Google toward the rival," Whinston said. That hasn't happened in the U.S., he suggested, because Google's dominance-secured in part through default agreementsprevents other search providers from getting enough searches to improve their results.

On Try Two, Jordan Gets Fewer Votes

Continued from Page One

Jordan, a veteran conservative whose legislative career has been largely defined by obstructing Republican leaders' plans, was hit by 22 GOP defections Wednesday, more than the 20 he lost in the first ballot Tuesday. He can lose no more than four Republicans when all lawmakers are present and vote for a candidate, if all Democrats are opposed.

"When you're going in the wrong direction after two rounds, that's obviously not a great sign," said Rep. Mike Garcia (R., Calif.), who voted for Jordan.

Jordan's allies, including McCarthy, said the Ohio Republican simply needed more time to gather support.

"It's all about stamina here," said Jordan backer Rep. Scott Perry (R., Pa.), chairman of the hard-line House Freedom Cau-

damn thing in two weeks," said Rep. Dave Joyce (R., Ohio), the chairman of the more-centrist Republican Governance Group who was preparing to introduce a resolution that would empower McHenry to bring bills to the House floor for a period. "That's what I think is important—that we get back to opening this place up.'

McHenry was chosen for the speaker pro tempore post by McCarthy under post-9/11 rules requiring the speaker to list a temporary replacement in case of a vacancy.

For McHenry to bring legislation to the floor, many lawmakers and House rules experts believe the majority of the House would have to vote to give him that authority, a step once seen as unlikely but growing more viable.

'My role here is to be determined, but I've constructed that as narrowly as the rules say I should," McHenry said.

Some Republicans said such a step would amount to a temporary Band-Aid. Any effort to expand McHenry's authority would likely require bipartisan support to pass.

House Democrats said the next step would depend on Republican moves to coalesce around an alternative plan.



Rep. Jim Jordan, center, conferred with colleagues Wednesday on the House floor.

Rep. Hakeem Jeffries of New York, the chamber's Democratic leader, has suggested that Democrats might seek changes to House rules that would enable bills with significant bipartisan support to come up for a vote on the House floor more easily. The House currently has 221 Republicans and 212 Democrats.

bristled at the pressure applied by supporters of Jordan, an ally of Donald Trump who was a "significant player" in his attempt to stay in the White House despite his 2020 presidential election loss, according to the House committee investigating the Jan. 6, 2021, Capitol attack. In social-media posts and phone calls, party chairs and leaders of grassroots groups have hounded and politically threatened lawmakers.

Steve Womack (R., Ark.) said his staff has been "cussed out" by pro-Jordan callers. "We have a spine," Rep. Don Bacon (R., Neb.) said.

Late Wednesday, Rep. Mariannette Miller-Meeks (R.,

It's abhorrent." Republicans have also raised policy objections to Jordan. Womack was among a handful of GOP lawmakers on the House Appropriations Committee to vote against Jordan, saying his support for dramatic cuts of federal spending isn't realistic when the Senate and White House are controlled by Democrats.

Some of the Republicans who dropped their support for Jordan on Wednesday are longtime allies of Majority Leader Steve Scalise (R., La.), who withdrew his own candidacy last week, including Reps. Drew Ferguson (R., Ga.) and Vern Buchanan (R., Fla.). A total of four more Republicans voted against Jordan on Wednesday, but he flipped two to his column: GOP Reps. Doug LaMalfa of California and Victoria Spartz of Indiana.

The overall tally was 199 for Jordan, 212 for Jeffries and 22 for other Republicans. The winner will need to win a majority of the House, or 217.

If Jordan withdraws, lawmakers and aides said new candidates could include Rep. Bruce Westerman (R., Ark.), Republican Study Committee Chairman Kevin Hern (R. Okla.), House Republican Conference Vice Chairman Mike Johnson (R., La.), House Budget Committee Chairman Jodey Arrington (R., Texas) and Rep. Byron Donalds (R., Fla.).

Mass.) said.

cus. 'We know the right guy.

But other Republicans said it was time to move on to a new plan, with momentum building for a proposal to assign more powers to the speaker pro tempore, Rep. Patrick McHenry (R., N.C.), to get critical work done.

"We haven't accomplished a

"We hope that they will come to us now that there have been two votes, and Jim Jordan has been unable to put it together, and find that bipartisanship," House Minority Whip Katherine Clark (D.,

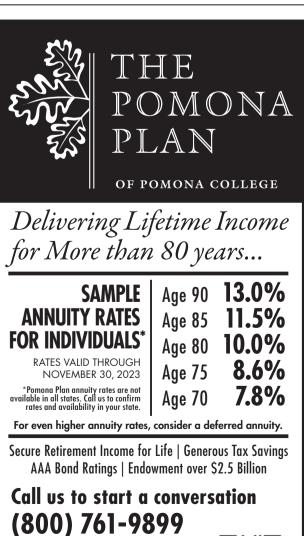
Many of the holdouts indicated that they remained staunchly opposed to electing Jordan as speaker. Some have

Jordan opponents said the pressure was backfiring. Rep.

Iowa), who voted for Jordan on the first ballot but not the second, said she received "credible death threats and a barrage of threatening calls."

Jordan said: "We condemn all threats against our colleagues and it is imperative that we come together. Stop.

—Gabriel T Rubin contributed to this article.



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Household Net Worth Surged After Pandemic

By SARAH CHANEY CAMBON

U.S. families' wealth surged in the years after Covid-19 struck, adding to signs of consumer strength that could help the U.S. economy shake off the bite from higher interest rates

Households' median net worth, or wealth, climbed 37% from 2019 to 2022, after adjusting for inflation, according to the Federal Reserve's Survey of Consumer Finances released Wednesday. That was the largest increase since the survey-which comes out once every three years-began in 1989.

Rising home and stock prices that far outpaced inflation helped support the net worth increases. The rise in wealth was broad based across demographic and socioeconomic groups, in part reflecting the greater likelihood of middle-income and lowerincome households to own stocks and homes last year than in 2019, Fed economists said.

During the pandemic, consumers reaped big financial gains from the booming housing and stock markets, government stimulus and more time at home. That helps explain why they are still splurging even after the Fed raised interest rates to a 22-year-high. Robust consumer spending is lifting hopes the U.S. economy can avoid a recession.

Older Americans, in particular. have benefited from higher home values and stockmarket gains, said Leo Feler, chief economist at market-research firm Numerator. That means they have less concern about saving more for the future, he said.

"And that's really what we've been seeing," Feler said. "Seniors are living very well and they are going out and spending.'

Other groups made steps forward as well. Black families saw the largest gains in median net worth, with their wealth rising 60% from 2019 to 2022. The economic gains for Black Americans contrast with their long, slow recovery from the 2007-09 recession.

Still, large gaps persist. Black families' 2022 net worth—at \$44,900—remained below other racial and ethnic groups. The net worth of white families was \$285,000 in the same year and Hispanic families' net worth was \$61,600.

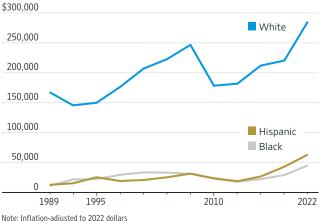
Median income, before taxes and adjusted for inflation, rose a modest 3% from 2018 to 2021. Income gains were biggest among the top earners, which meant inequality widened.

Americans in 2021 were still receiving some government stimulus payments—including expanded unemployment benefits, which likely influenced the survey data.



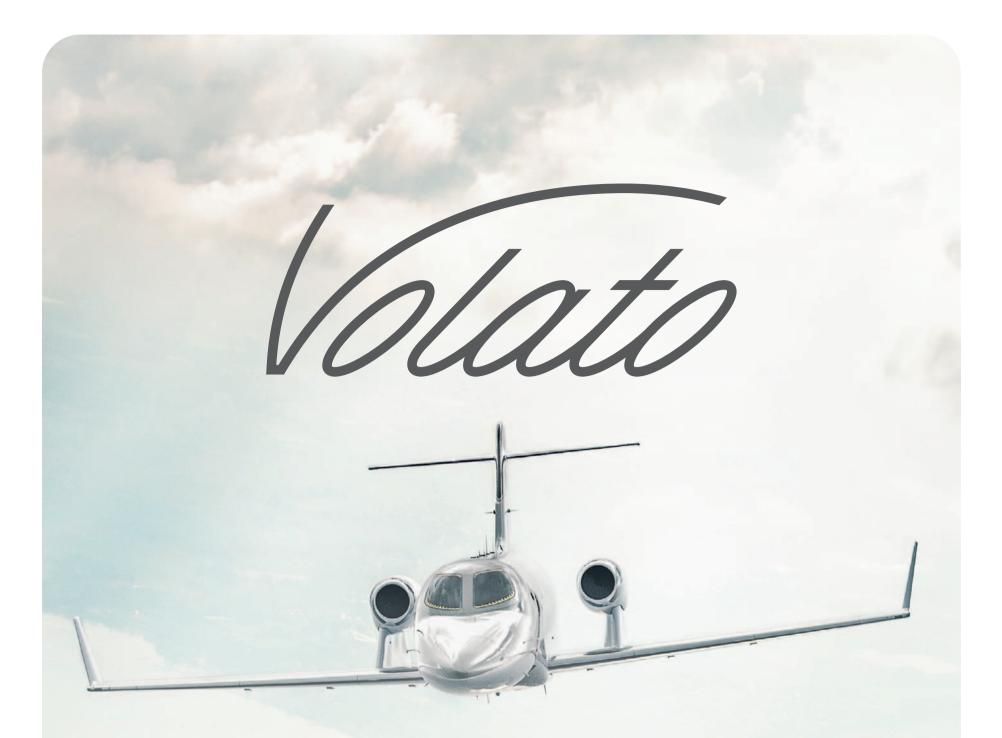
Households' inflation-adjusted median net worth, or wealth, climbed 37% from 2019 to 2022, a survey says.

Household median net worth, by race or ethnicity



Source: Federal Reserve Survey of Consumer Finances

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U.S. WATCH

ALABAMA Suspect Admits To Killing Holloway

The chief suspect in the 2005 disappearance of Natalee Holloway has admitted he beat the young Alabama woman to death on a beach in Aruba after she refused his advances, then dumped her body into the sea.

New details in the killing emerged Wednesday as Joran van der Sloot, now 36, pleaded guilty in federal court in Birmingham to extorting Holloway's mother. He sought a quarter of a million dollars to tell the family the location of their daughter's remains.

His confession appears to resolve the case. Van der Sloot's 20-year sentence for extortion will run concurrently with prison time he is serving for a murder in Peru.

-Associated Press

Parents Buried in Group Texts

Continued from Page One juggling work and kids. Can't get to soccer in time for pickup? Send a text to the team's message group asking if another parent can make it. Need to vent about a rough day? Text sympathetic ears. Can't locate the permission form for the school trip? Yup, they have got you covered.

Yet in a recent survey of 1,000 people, 42% of Americans said group chats can feel "like a part-time job." Nuisances can include participants who reply to everything, or who use the chat like an Alexa device and ask random questions they could figure out themselves. Compounding the aggravation, the chats sometimes splinter into a flurry of side-messaging to complain about others in the main thread.

WhatsApp, which is owned by Facebook parent Meta Platforms, is one of the favorites

U.S. Sets \$3.5 Billion **For Electric Grid**

WASHINGTON, D.C.

The Biden administration announced \$3.5 billion for 58 projects across the country to strengthen electric grid resilience as extreme weather events such as the deadly Maui and California wildfires continue to strain the nation's aging transmission systems.

Energy Secretary Jennifer Granholm said it was the largest federal investment ever in grid infrastructure, supporting projects that will harden electric systems and improve energy reliability and affordability.

The federal spending, combined with money promised by private partners, could result in up to \$8 billion in investments nationally to upgrade the grid, Granholm said.

–Associated Press

among parents because it al-

lows as many as 1,024 partici-

pants in a single message

group. That gives a lot of par-

ents a chance to stream a lot

of messages, which everybody

feels obliged to scan for an

Yu to field 57 messages in a

day from parents in three

WhatsApp groups that revolve

It isn't unusual for Michelle

emergency.

Crew Member Hurt In Cruise-Ship Blast

: MAINE

One person was injured and passengers were evacuated on Wednesday after an explosion in the engine room of a small cruise ship docked in Portland Harbor, officials said.

The injured person, a member of the crew, was taken to a hospital with serious injuries while 128 passengers were removed from the ship, a spokesperson for the Portland Fire Department said.

American Queen Voyages' Ocean Navigator, with a capacity of 202 people, had just docked when the blast happened around 7:25 a.m., officials said. A generator in the engine caught fire, officials said. Portland firefighters and the ship's crew quickly extinguished the blaze.

the world isn't on fire. I know

I'm good," said Yu, founder of

a Washington, D.C., firm that

helps companies ease parents

chain of seven mothers in her

northern Chicago suburb

pinged a string of nearly 30

notifications after one mom

texted she had pinkeye. The

chat turned into a forum of

Westley Berman's text

back to work after leave.

-Associated Press : CATCHING THE SUNRISE: Some started their fishing early in Isle of Palms, S.C., on Wednesday.

a drawer and took her 8-vearold son and 6-year-old daughter on a bike ride.

"You're on track trying to get something done," Berman said, "and then everyone is commenting on pinkeye.'

It is impossible to know where a phone ping is a school emergency or just someone in a group chat sending a heart emoji, making texts difficult to ignore. "People judge notifications and alerts as all having the same weight," said Nancy A. Cheever, a psychology professor at California State University, Dominguez Hills and an expert on smartphone ad-

five parent text chains for her four children: club soccer team, 20 participants; the school soccer team, 20; 8thgrade parents and parents of high-school seniors, 15 people; and the parents of her son's

As her children have gotten older. Bennett has learned that chat overload isn't the only plague. As teenagers, their "friendships change by generation parents to collect into a useful



adjective

worked a month ago to organize a birthday or a sleepover may not work any more," said Bennett, of Bedford, N.Y., and co-author of "This Is So Awkward," a book about adolescence. "You worry about putting the wrong comment in the wrong chain. That's my

biggest fear." Last year, WhatsApp introduced the "silent exit" feature,

which allows participants to remove themselves from the without chat alerting others. That feature doesn't fix everything, such as the fear of missing out, better known as FOMO.

"I've had moments where I've considered asking them to start a new thread without me, but the next time they make plans they might forget about me. So I mute it until it passes," Bennett said.

Manhattan mother Lauren Smith Brody said her Whats-App threads string a lot of different worlds: parents of the Jewish affinity group at her children's school, 6th-grade parents and playdate parents-totaling more than 100. Brody, who has two sons, 12 and 15, said she was tempted to mute the conversations and check them only every few days but worried she would miss something important. Her solution was to devise a buddy system among mothers in overlapping threads. They

divide watch duties and send an alert about any big news.

> to take myself off since it's a way of organizing the mental around different two different grades and two different basketball said Brody, founder

of The Fifth Trimester, an organization that promotes gender equality in the workplace.

Of course, when group threads spin out of control, there is side-text complaining.

Christina LoNigro, Whats-App director of policy communications, a mother of two and a member of several mom chains said, "A friend once told me that if you don't have a side text it means someone is side texting about you."

"I'm scared One text after load two schools. teams,"

the next, at turns a convenience and a nuisance.

Vanessa Kroll Bennett is on

turned her phone off, put it in diction.

college friends, another 30.

the minute," she said, making it hard to keep track of which

chat group. "The mom group chat that



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remedies and sympathy. Beraround her son, 5-years-old, man is all for commiserating, and her daughter, 3. Yu now turns off her notifications and but why didn't people text the pinkeve victim directly rather puts the phone in another than spam the whole group, room, checking messages only at certain times. she said. In response, she

"I read the last one, and if

Vanessa Bennett juggles five text chains totaling 85 people.



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√ictor

More Dog, Cat **Owners Resist Routine Shots**

Infectious diseases now well controlled could spread among pets and humans

BY STEPHANIE ARMOUR

The antivaccination movement is spreading-to pet owners.

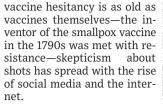
Michele Bloom When brought her Boston terrier puppy to the veterinarian, she worried about possible side effects.

"I told that lady, 'No shots, you're not sticking him,' " said Bloom, a child-care worker in Old Bridge Township, N.J., who was leery because her other terrier had an allergic reaction to a vaccine.

Researchers who have studied vaccine hesitancy since the onset of the Covid-19 pandemic say a growing body of evidence shows a surprisingly high level of mistrust among pet owners over vaccines for cats and dogs. Almost 40% of dog owners believe that canine vaccines are unsafe, more than 20% believe these vaccines are ineffective and 30% consider them to be medically unnecessary, according to a new study published in the journal Vaccine.

"We were shocked," said lead author Matthew Motta, an assistant professor of health law, policy and management at Boston University. "In a world where mandates are being dialed back and more pets go unvaccinated, that's a threat to our pets but also a public health threat to you and me."

The resistance raises the risk that infectious diseases that are now well controlled could spread in canine and human populations. And while



"We're going to see more and more disease as we see vaccine compliance drop," said Rena Carlson, a veterinarian and president of the American Veterinary Medical Association. "I saw a puppy come in with parvo and it was terrible. Vaccines can really prevent severe disease." Parvovirus can cause lethargy, vomiting, bowel problems and a swift death.

Consider rabies. Before the 1960s, the majority of rabies cases were found in domestic animals, especially dogs, according to the Centers for Disease Control and Prevention. Widespread vaccination changed that. Today, 90% of reported cases are found in wildlife.

Seventy percent of dogs in a population should be vaccinated against rabies to prevent outbreaks, according to the World Health Organization.

Most states require rabies vaccines, but eight states only require rabies vaccinations for imported animals above a certain age, according to data from Michigan State University. Sixteen states have laws or regulations that allow owners to seek a medical exemption from having their dogs vaccinated for rabies.

A Georgia House bill introduced two years ago by Republican Rep. Stan Gunter would have provided exemptions from rabies if a veterinarian believed it would compromise a cat or dog's health or wasn't medically necessary.

A constituent had come to him about her older dog, worried that the shot could be fatal.

U.S. NEWS

"I got it before the committee, but the veterinarians happened to be there that day, and they killed it; they were totally opposed," said Gunter.

Misinformation and misperceptions are driving a lot of the skepticism,

Nearly 40% of

dog owners

believe that

are unsafe.

veterinarians Thirtysay. seven percent of dog owners believe vaccines could cause cognitive problems such as autism, according to the study

in Vaccine. No scientific data

exists that validates the risk for people or animals.

Other reasons might include problems affording veterinary bills.

Pet healthcare totals about \$36 billion of the \$130 billionplus pet industry, according to the American Pet Products Association.

Vaccine hesitancy is giving rise to books such as "Stop the Shots! Are Vaccinations Killing Our Pets?" There's more interest in holistic veterinary practices and Facebook groups that advocate limiting or not giving shots to pets. There are also sessions for veterinarians about how to talk to pet owners who are leery of vaccines.

A pet owner in California with a Chihuahua said she al-

ways takes her dogs "off the system" because she said vaccines can cause cancer. seizures or death. canine vaccines

"You don't have to vaccinate your dogs," she said. "The main

thing is if you get a new baby dog, don't take him in to register and microchip and vaccinate."

The American Animal Hospital Association, which sets canine-vaccination guidelines, says pets should receive core vaccines that are medically necessary, and some others based on the dog's lifestyle, and that the benefits of vaccination outweigh the risks. The



Veterinarians are finding more vaccine hesitancy among pet owners. Above, Michele Bloom, shown with her Boston terrier puppy, is worried about possible side effects from vaccines after another of her terriers had an allergic reaction.

the financial foundation of the veterinary industry."

Routine "titer testing" to determine the need for boosters isn't usually advised except in certain circumstances, such as when a dog has had an adverse response, according to the vaccination guide from the American Animal Hospital Association, a nonprofit that accredits animal hospitals. The organization says it can be difficult to interpret a titer and there are no values for protective titers in guidelines.

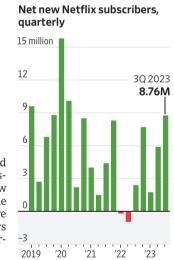
Many veterinarians have been changing booster schedules so they are less frequent, in the wake of studies that show immunity from vaccines often lasts beyond a year.

Researchers say the resistance also reflects the skepticism about medicine and science, particularly among Republicans or GOP-leaning voters, that has taken root since the start of the Covid-19 pandemic.

"People's openness to medical expertise has become increasingly partisan," said Motta, the assistant professor. "There's a distrust of experts."

Netflix To Raise Prices

FROM PAGE ONE



Source: the company

customers to switch to their cheaper and more lucrative adsupported plans.

Warner Bros. Discovery raised the monthly price of the ad-free version of its Discovery+ streaming service this month to \$8.99 from \$6.99, while the cost of its ad-supported platform remains un-

"BEST BUSINESS HISTORY BOOK"

American Association of Feline

low-risk cats be vaccinated

generally every three years

owners are searching out ho-

listic veterinarians who focus

on a more natural approach

and alternative therapies such

as massage and acupuncture

inary homeopath in New Paltz,

N.Y., said rabies and core vac-

cinations-followed by boost-

ers in the initial series—are all

that is needed for the life of a

cat or dog. Core vaccinations

are those that are recom-

mended for every pet com-

pared with noncore vaccines

that might be needed based on

lifestyle, such as cats that

tests, which measure concen-

trations of antibodies in the

blood, to determine whether

the vaccines, but I'd like to see

them used judiciously," said

Yasson. "It shouldn't be done

in a cavalier way. Vaccine

boosters are a huge basis for

"Personally I'm grateful for

an animal is still immune.

Yasson said she uses titer

spend time outdoors.

Dr. Michele Yasson, a veter-

Some vaccine-skeptic pet

recommends

Practitioners

for pets.

with core vaccines.

—strategy+business, a pwc publication

Continued from Page One a year earlier.

Co-CEO Greg Peters said Netflix expects further customer additions from its new password sharing limits in the next several quarters. There are still groups of borrowers the company hasn't yet targeted, he said.

The resolved Hollywood writers' strike and ongoing actors' strike will result in lower content spending this year, Netflix said. It plans to invest about \$13 billion, rather than the roughly \$17 billion it expected to spend earlier this year. The company said its free cash flow for the year is likely to increase to \$6.5 billion, up from a prior forecast of \$5 billion.

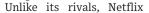
"We want nothing more than to resolve this and get evervone back to work," said Co-CEO Ted Sarandos.

He said a demand from the Screen Actors Guild-American Federation of Television and Radio Artists for a bonus pool tied to subscriber fees broke the momentum of the negotiations. SAG has said its members contribute to streamers' success and should be able to share in it.

Netflix reported revenue of \$8.54 billion, roughly in line with its projections of \$8.52 billion and up 8% from \$7.9 billion in the third quarter last year.

Net profit rose 20% to \$1.68 billion in the third quarter, topping its forecast. The company's operating margin during the period was 22.4%, slightly higher than its forecast.

Netflix said this year it will have more returning seasons than any other streamers, including hits such as "The Crown," "Virgin River," "Top Boy" and "Heartstopper." It also announced a multiyear deal with Skydance Animation to make movies for Netflix starting in 2024.



hasn't raised prices over the past year. It internally discussed raising prices after the actors' strike ends, The Wall Street Journal reported. Last week, talks between the Screen Actors Guild-American Federation of Television and Radio Artists and the studios broke down suddenly, and it is unclear when that strike might end.

The cost of major ad-free streaming services has gone up by about 25%, as entertainment companies look to bring their streaming platforms to profitability and lead price-conscious



Netflix's password-sharing crackdown and lower-cost adsupported plan are part of an effort to attract new customers and boost the average revenue per user it generates.

The company's ad business has so far grown slowly, with some advertisers clamoring for the company to offer them more scale before they commit to spending larger sums.

Netflix's ad-supported tier accounted for 5.75% of U.S. subscribers as of September 2023, according to subscription analytics service Antenna, up from 3.3% at the end of June.

"It takes time to build a new business from scratch," Netflix wrote in a letter to shareholders

In the U.S., Netflix's lowestcost plan includes ads and costs \$6.99 a month for one user with limited features, and the company isn't currently changing that price. Netflix's standard plan costs \$15.49.

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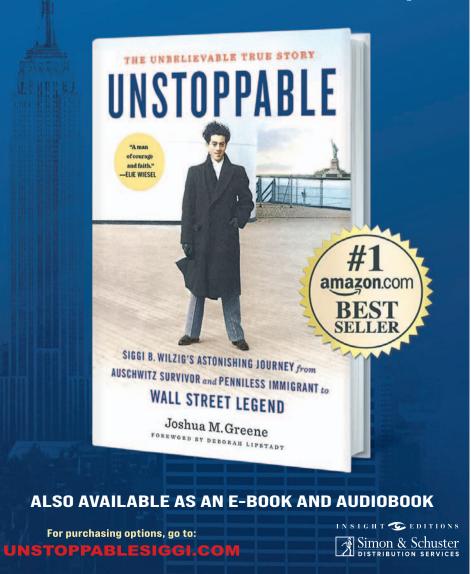
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THE WALL STREET JOURNAL.

Muslim World Angered After Explosion

Blast at Gaza hospital compound sparks widespread protests, mourning

BY OMAR ABDEL-BAQUI

The explosion at a Gaza hospital Tuesday night set off a wave of protests across much of the Middle East and the broader Muslim world, some of them calling for death to Israel.

Hamas immediately blamed Israeli airstrikes for the blast at Al-Ahli Arab Hospital and said 500 people had been killed. Israel, the U.S. and independent security experts on Wednesday cast doubt on Hamas claims, saying the preliminary evidence points to a Palestinian militant group. The amount of damage also appears inconsistent with the Hamas-controlled Gaza Health Ministry's assertion on Wednesday that 471 people were killed, experts said. Some analysts believe the death toll was less than 100.

Anger nevertheless spread quickly throughout the region. Riots broke out near the Israeli embassy in Jordan, where millions of the Palestinian diaspora live and which has had diplomatic ties with Israel since the 1990s.

About 80,000 Turkish protesters descended on the Israeli consulate in Istanbul, some attacking security forces and attempting to enter the compound, according to authorities. In Iran, where the government has become the primary champion of the Palestinian cause, thousands of people across several cities demonstrated, including at the French and British embassies.



Protesters scuffle, top left, with Jordanian police in Amman. Top right, people took to the streets in Ankara, Turkey, on Wednesday. Above, demonstrators throw stones at Lebanese soldiers near the U.S. Embassy in Aukar, a suburb of Beirut.

protesters in Iraq and Iran on Tuesday night calling for the death of Israel.

Some governments, such as Turkey and Jordan, have declared days of mourning, and some shops in Jordan closed in solidarity with the Palestinians who were killed. The red, black, white and green flag of Palestine was carried by some supports the Palestinians and is hostile to Israel.

The outrage over the blast creates a dilemma for some Arab leaders who had been exploring deeper ties with Israel and were seen to be sidelining a push for a Palestinian state, a cause that helped to shaped the region's politics for generations. rael, with talks envisioned for the next several months.

Cinzia Bianco, a researcher focusing on the Gulf at the European Council on Foreign Relations, said she expects a Saudi-Israel deal would be shelved for years.

"Right now, it's politically impossible," she said.

Polling in 2022 by the

cords were widely viewed unfavorably among people in Lebanon and Egypt and to a lesser extent, in Bahrain and the U. A. E—albeit without much commotion.

Amid the escalation in the recent conflict, citizens are watching their leaders' words about Israel closely and in some places becoming more anco said. "I don't think they would go against the public at such a topical moment."

The U.A.E. blamed Israel for the hospital blast. Leaders in Jordan and Egypt—which both border and have relations with Israel—say they reject any attempts by Israel to displace Palestinians amid fighting. King Abdullah II of Jordan and Egyptian President Abdel Fattah Al Sisi both rejected the notion of accepting Palestinian refugees.

"For us in Jordan, any attempt to displace Palestinians means war," the country's foreign minister said. Sisi said if Palestinians are transferred to Egypt, "Sinai will be a base for operations against Israel and in this case, Egypt will be labeled as a base for terrorists."

Sisi suggested Israel move Palestinians affected by fighting in Gaza into the Negev Desert in southern Israel.

Tensions flared in the West Bank, sometimes violently, as Palestinians protested against Israeli strikes in Gaza and the Palestinian Authority's stance on the continuing war. Palestinian cities in the West Bank are governed semiautomonosly by the Palestinian Authority. Hamas and Palestinian Authority leaders are political rivals, and the latter is widely seen as ineffective, corrupt and too close to Israel, which occupies the West Bank.

Palestinian Authority security forces fired at protesters and Palestinian militants in the West Bank, according to witnesses. One 12-year-old girl died during the confrontations, her family said.

There were chants from

protesters along with their own country's flag.

Despite emerging evidence that Israel wasn't responsible for the blast, analysts say it is unlikely to change minds in the Arab world, which largely Political analysts say the hospital explosion likely derails any diplomatic deal between Saudi Arabia and Israel. The U.S. and Saudi Arabia recently agreed on contours for the kingdom to recognize IsWashington Institute think tank found that decisions by Arab nations such as the United Arab Emirates and Bahrain to establish diplomatic ties with Israel as part of the 2020 Abraham Acvocal in their support of the Palestinian cause, analysts say.

"It's a once in a decade situation where I think (Middle Eastern leaders) want to be representing the majority of views in the population," Bi—Suha Ma'ayeh, Aresu Eqbali, Elvan Kivilcim and Fatima AbdulKarim contributed to this article.

Biden Says Gaza Aid Will Flow

Continued from Page One

"If Hamas confiscates them or doesn't let it get through...then it's going to end," Biden said, noting the United Nations was to handle aid distribution in Gaza.

The U.S. president also praised the Egyptian leader as "completely cooperative."

"The bottom line is that Al Sisi deserves some real credit," he said. He said his newly appointed envoy for the humanitarian effort, former ambassador to Turkey David Satterfield, had "my authority to do what is needed to get it done."

The Israeli prime minister's office earlier said Israel would allow humanitarian deliveries via Rafah, provided the aid didn't end up in Hamas's hands. The president also announced the U.S. would provide \$100 million in humanitarian aid to the people of Gaza and the West Bank.

In less than eight hours on the ground in Tel Aviv, Biden met with senior Israeli leaders and gave remarks, but didn't meet with Arab leaders after a summit in Amman, Jordan, was canceled in the wake of the Tuesday blast in Gaza.

The explosion at the Al-Ahli Arab Hospital in Gaza has sparked protests around the Middle East and prompted Arab leaders to cancel their planned meetings with Biden. Hamas and the Palestinian Authority blamed the explosion on an Israeli airstrike.

Israel, the U.S. government and independent security experts cast doubt on the claims that Israel was responsible, saying the preliminary evidence pointed to a local militant group, Palestinian Islamic Jihad.

The Gaza Health Ministry said on Wednesday that the blast killed 471 people. The death toll hasn't been independently verified. U.S. officials say that the death toll is likely between 100 and 300 people.

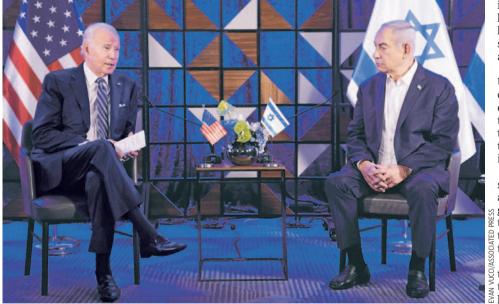
Biden reiterated on Wednesday the U.S.'s unwavering support for Israel following the Oct. 7 assault on the country by Hamas militants.

"The fact is that Israel, as they respond to these attacks, has to continue to ensure you have what you need to defend yourself, and we're going to make sure that occurs," Biden said at his meeting with Netanyahu, who greeted him at the airport.

"I want to thank you for coming here today and for the unequivocal support you're giving Israel over these trying times," Netanyahu told Biden.

Biden plans to deliver a foreign-policy address to Americans on Thursday night.

The U.S. president's highstakes trip to the Middle East had begun to splinter before he even left Washington. The leaders of Egypt, Jordan and the Palestinian Authority, blaming Israel for the hospital blast, pulled out of a planned



President Biden stressed U.S. support for Israel in talks with Prime Minister Benjamin Netanyahu.

summit with Biden in Jordan in protest against U.S. support for Israel.

Biden and his entourage touched down amid a political maelstrom, with street protests raging in cities across the region and anger directed at the U.S. over its backing of Israel. The tumult threatened to undermine Biden's efforts to free hostages and create safe passage out of Gaza for foreign nationals.

At a demonstration outside the Israeli Embassy in Amman, protester Amir Abu Mayaleh said: "He should not come here to Jordan. The U.S. Embassy is not welcome here, because they support Israel."

Biden sought to combine messages of staunch support for Israel with an appeal to uphold humanitarian standards and minimize the civilian death toll in Gaza.

"The world is looking. Israel has a value set, like the United States does and other democracies and they are looking to see what we are going to do, to the people of Israel, their courage, their commitment, their bravery is stunning, it's really stunning— I'm proud to be here," he said in Tel Aviv.

Netanyahu said Israel is doing everything it can to keep civilians out of harm's way, but added that "this will be a different kind of war, because Hamas is a different kind of enemy."

Biden's visit came as Israel is preparing an expected ground assault into the Gaza Strip that Israeli officials said will aim to remove Hamas from power. A land incursion into Gaza is likely to significantly raise the death toll of the current war, which is higher than any in Gaza in the past two decades.

Israel hasn't yet laid out how it will use military power to accomplish its political aim of toppling Hamas, nor what its plans for Gaza are after the fighting ends.

On the return trip home later, Biden said U.S. and Israeli officials had had a long discussion, including between military leaders, about "alternatives" to a ground invasion of Gaza.

In Israel, Biden also met with families of victims in the Oct. 7 attacks, as well as Israeli first responders. "We're working with partners throughout the region, pursu-

ing every avenue to bring home those who are being held captive by Hamas," he said on a stage bearing U.S. and Israeli flags.

Eli Beer, president of the United Hatzalah, a volunteer organization that provides emergency medical services, told Biden: "You've uplifted the whole spirit of this country and all the Jewish people in the world."

Biden said he hasn't lost sight of the idea of Israelis and Palestinians living together in peace and backed the so-called two-state solution that would create a Palestinian state alongside Israel.

As concerns intensify that the conflict could spread through the region, the U.S. hopes Biden's trip will serve as a warning to any third parties—whether they are other countries like Iran or militant groups such as Lebanon's Iran-backed Hezbollah—that the U.S. was prepared to act if they join the conflict.

In a sign of growing tensions between Tehran and Washington, the U.S. has shelved planned indirect talks with Iran, people with direct knowledge of the talks said. U.S. officials had said before the Hamas attacks on Israel that those talks, which would have touched on Iran's nuclear program, were due to take place this month in Oman.

A State Department spokesperson didn't confirm that, but said Washington has "nothing to preview."

—Sabrina Siddiqui, Vivian Salama, Laurence Norman and Summer Said contributed to this article.

Blast Stuns Doctors: 'No Place Is Safe Now'

BY CHAO DENG AND MENNA FAROUK

As news of a deadly explosion in a Gaza hospital compound spread across the Palestinian enclave, doctors at the nearby Shuhada Al-Aqsa hospital wondered whether to evacuate staff, patients and the hundreds of people who had taken refuge there.

"Where could we go? No place is safe now," said Abdel Rahman Bassem, a 24-year-old intern. The doctors and patients remained.

Hundreds of people died in Tuesday night's blast at the Al-Ahli Arab Hospital compound, according to Gaza's health ministry, which is run by Hamas.

Tens of thousands of Palestinians have flocked to hospitals for refuge, even as the facilities overflow with patients injured by airstrikes that have come in the wake of Hamas's Oct. 7 attack on Israel.

The World Health Organization has documented 57 attacks on healthcare facilities, resulting in the deaths of more than a dozen healthcare workers and damage to more than two dozen hospitals, ambulances and other medical facilities. The Israeli military says its airstrikes target Hamas's personnel and military assets, and that it warns civilians before targeting areas.

More than 1,000 people are on the Shuhada Al-Aqsa hospital premises, according to doctors. Some hospitals, including the Al-Ahli Arab Hospital, are hosting thousands, while Gaza's largest hospital, Al-Shifa. is sheltering more than 35,000, hospital managers estimate.

Gaza's healthcare system was buckling even before the war. Hospitals were in short supply of medicine and equipment. Since Israel's 2007 blockade on the strip, cancer patients, pregnant women and the seriously ill have struggled to get the permission needed to leave Gaza and see doctors elsewhere.

"The blockade had signaled a death sentence for many,' said A. Kayum Ahmed, a special adviser at Human Rights Watch who has been tracking Gaza's hospitals. "Now it's turned into a complete catastrophe."

Many of those injured in Tuesday's explosion were rushed to nearby Al-Shifa hospital. There, the strip's most serious cases already had overwhelmed medical staff. About 250 beds were added to its normal capacity of 500, but more were still needed.

"I've never worked in a war more difficult than this one," said Al-Shifa head Mohamed Abu Salmiya. "No hospital can tolerate this."

On Tuesday, doctors at his hospital were forced to amputate all of a young girl's limbs to save her life. It was one of 250 surgeries the hospital was performing every day. Even though the WHO and hospital administrators were directing Gaza's last supplies of fuel to Al-Shifa, the hospital needed 40,000 liters of fuel every day and was constantly on the verge of running out.

In southern Gaza, Mohamed Zaqout, a hospital administrator and pediatrician, has worked around the clock to tend to casualties arriving at Nasser Hospital in Khan Younis. "It's not easy to rest or sleep with all this happening around you," he said.

Zaqout says he had to let patients with more serious wounds die to focus on those he can save. He said he was trying to arrange a surgery for a 2-year-old girl who arrived on Monday with a knee that was smashed, her thigh bone fractured and exposed. "She might end up amputated," he said.

At Shuhada Al-Aqsa hospital, a blast had gone off in the back of their own facility, just hours before the Al-Ahli explosion, stirring the staff's concerns.

Bassem, the intern, and his colleagues had been struggling with a lack of medication, bandages, ventilators and other supplies. "There's a shortage in everything you can imag-ine," he said. "We're just try-



People identify a victim of the explosion at the Al-Ahli Arab Hospital in the Gaza Strip.

ing to do basic life support."

The hospital has received 1,700 wounded patients and more than 600 bodies since the start of the war, according to Shuhada Al-Aqsa hospital spokesman Khalil Al Dokran.

One boy who arrived Tuesday was covered with blood and dust, crying for his parents and confused about where he was. The staff determined that he was suffering from a brain hemorrhage and needed a ventilator to stay alive.

Bassem went to the ICU to see if there were any machines available. All four ventilators there were occupied, including one by a man who was suffering from a fractured skull and internal hemorrhaging. He would need several surgeons to operate on him to survive, so Bassem decided to pull him off the machine and give it to the child.

As soon as the child was stable, Bassem went to find out who the little boy was. People outside the emergency room told him his name was "Muath" and that his father had just died. It was the man Bassem had pulled off life support.

"I saved the child, but killed the father," he said. "I know I didn't kill him, but that's exactly what I felt.'

Outside the hospital, men bow their heads before dead bodies wrapped in white cloth. Patients with bandaged limbs lie on wooden beds. Ambulances pull up nonstop.

Mohanad Al Salloul, 22, waited for hours last weekend before medical staff could look at his injury. He had been sitting in his home in the Nuseirat refugee camp on Sunday when a loud explosion went off at his neighbor's house. He

ran out to see what happened. Shrapnel hit his foot.

Al Salloul was still trying to recover in the hospital's courtyard, because the facility was crowded and had a strong stench of blood. "There were flies everywhere," he said.

In southern Gaza, the Abu Yousef Al-Najjar hospital had about 2,500 liters of fuel left on Tuesday, enough to power the intensive care unit for two to three days, said Marawan Shafik, head of the hospital.

Ibrahim Mohamed Al Shamali, 34, had transported five dead bodies to the hospital, after an airstrike hit his uncle's house on Tuesday. Al Shamali's wife, his children and uncle were killed. "I do not know what we did to deserve this," he said.

—Anas Baba contributed to this article.



U.S. Grandmother Strives to Flee Gaza

BY ANAS BABA AND STEPHEN KALIN

RAFAH, Gaza Strip—When Israel's retaliatory airstrikes on Gaza started last week, retired American schoolteacher Wafa al-Saqqa, who had come to visit her ailing father, resolved to stick it out, figuring his upscale northern neighborhood was unlikely to be targeted.

Then her brother-in-law was killed and bombs destroyed her sister's home and Saqqa decided she should leave. She headed south toward the Egyptian border, hopeful that as an American citizen she would be allowed to leave. Her father, who needs oxygen and can't travel, had to stay behind.

But complex U.S. diplomacy

Americans in Gaza, citing media reports that the border with Egypt was expected to open at 9 a.m. "If you assess it to be safe, you may wish to move closer to the Rafah border crossing," the message said early Monday.

"How the hell I'm going to assess my own safety?" said Saqqa. "According to what? To the bombs and to missiles going down? Or to the number of people that are being killed?"

Diplomats with whom Saqqa spoke at the embassy encouraged her to try to cross the border, but said they couldn't guarantee it would open or for how long. Saqqa shared a taxi to the border with other dual nationals, but when they arrived it was still closed. She waited in a coffee shop without water. electricity or internet. Hundreds of other civilians holding U.S. and other foreign passports camped out in a parking lot with their luggage, watching for any sign of movement from the dozens of trucks lined up on the Egyptian side to bring in food, water, fuel and medical supplies. Hours passed, but the crossing never opened. The U.S.-brokered deal was held up by Israeli concerns about arms smuggling and Egyptian concerns that Israel hadn't given assurances it would pause airstrikes. By the end of the day, the notice that the U.S. Embassy had posted to its website about the border opening had been removed. Saqqa returned to her relative's home. Moments later, a blast hit a parking lot near the border crossing, reportedly hurting no one but causing damage that could impair its use. After meeting for more than seven hours on Monday with Israeli Prime Minister Benjamin Netanyahu, Secretary of State Antony Blinken said the two countries had agreed to develop a plan to get humanitarian aid to civilians in Gaza, but didn't address the plight of Americans stuck inside.

Palestinians carry their belongings Wednesday as they leave blast-damaged Al-Ahli Arab Hospital in Gaza.

Experts Doubt Israel Hit Hospital

Continued from Page One gence indicating that the blast at the hospital in Gaza was caused by the militant group Palestinian Islamic Jihad, U.S. officials said, buttressing Israel's contention that it wasn't responsible for the blast. Palestinian Islamic Jihad rejected the accusation.

A video verified by The Wall Street Journal recorded a shrieking sound and the explosion that followed.

Washington's assessment that Israel wasn't behind the blast drew, in part, on communications intercepts and other intelligence gathered by the U.S., defense officials said.

"The U.S. government assesses that Israel was not responsible" for the explosion, White House National Security Council spokeswoman Adrienne Watson said. The assessment is based on intelligence. missile activity, overhead imagery, and open source video and images, she said.

She added: "Intelligence indicates that some Palestinian militants in the Gaza Strip believed that the explosion was likely caused by an errant rocket or missile launch." The U.S. continues to collect information on the incident, she said.

Watch a Video



Scan this code for a video of the moment of the blast at the Gaza hospital.

The Republican and Democratic leaders of the House and Senate intelligence committees said they had been briefed on the intelligence related to the blast and concluded it wasn't the result of an Israeli military action.

The small size of the open area where the explosion occurred, coupled with limited shock-wave damage, was inconsistent with the death toll claimed by the Gaza Health Ministry, several open-source intelligence analysts said.

Photos and videos taken at the site of the blast show a shallow crater in the parking lot outside, and that the hospital compound's buildings hadn't sustained major damage.

"At the moment, the preponderance of evidence does point to it being a Hamas or PIJ rocket hitting the area," said Blake Spendley, an opensource intelligence analyst.

A silent video shown in a livestream from Al Jazeera captured a blast and fire at the hospital.

Palestinian claims that Israel was responsible were echoed by several Middle Eastern governments, sparking angrv street protests across the region and complicating a visit to Israel by President Biden. Those claims risked draining whatever sympathy Israel might have had in the region from Hamas's Oct. 7 attack on Israel, which caused the single biggest loss of Jewish lives since the Holocaust.

Biden, during his visit, said Israel's version of events appeared more accurate based on information he had from the Defense Department.

'Based on what I've seen. it appears as though it was done by the other team," he said. "But there's a lot of people out there not sure, so we've got a

lot—we've got to overcome a lot of things."

Later, aboard Air Force One, Biden said he understood why people in the region wouldn't believe Israel, adding he wasn't suggesting the Palestinians intentionally targeted the hospital. "It's not the first time Hamas has launched something that didn't function very well," he said. Israel offered on Wednes-

day what it said was proof that it wasn't responsible for the incident, which it said was caused instead by an errant rocket fired from within Gaza by Palestinian Islamic Jihad.

Rear Adm. Daniel Hagari, Israel's chief military spokesman, told a news conference that there had been no Israeli strike in the hospital area. Hagari shared what he said was an intercepted conversation between two unidentified Hamas operatives saying the rocket was fired by militants from a cemetery near the hospital.

Hagari said the blast took place in the parking lot of the hospital and that the hospital building itself didn't suffer structural damage. He shared a photo of the burned-out parking lot, saying there was no deep crater at the site of the blast to indicate an aerial strike. Hagari said the rocket's residual propellant—fuel that boosts the rocket toward its destination—explains why the explosion was so powerful.

A shallow crater in a parking lot, which appears in a video of the site Wednesday, was cited by Israel as evidence that the blast wasn't an airstrike.

Spendley said that kind of damage appeared more consistent with a fireball from a rocket rather than the kinds of weapons that Israel's air force uses, such as Joint Direct Action Munition, or JDAM,

guided bombs. "Something like a short-range rocket will cause more fire," he said. "With something like a JDAM you will get a lot of blast energy, and not as much energy wasted in heat or fire or light.'

Other analysts agreed. Knights said the scene showed it "very clearly was hit by a rolling fireball." The most plausible cause for that, Knights said, is rocket fuel, consistent with the Israeli explanation that a rocket misfired.

A definitive conclusion, Spendley said, would require postmortem analysis of victims and other forensic field work that is unlikely to occur given Gaza's current conditions.

Islamic Jihad accused Israel of wanting to "evade its responsibility for the brutal massacre it committed."

Shortly after the explosion, Palestinian Ambassador to the United Nations Rivad Mansour rejected Israeli claims that it wasn't responsible. "Now they change the story to try to blame the Palestinians. It is a lie," he said. Hamas also blamed the blast on Israel.

Protests erupted in Iran, Jordan, Kuwait, Egypt, Lebanon and Tunisia, among other countries, underlining a deep suspicion of Israel's assertions.

The war is shaping up as one of the deadliest rounds of violence between Israelis and Palestinians, Some 1.400 Israelis were killed in the Hamas attack, and at least 200 hostages were taken to Gaza. Before the hospital blast, 3,000 people had been killed in Gaza, according to the Hamas-run Health Ministry.

—Summer Said, Daniel Michaels, Vivian Salama, Michael R. Gordon, Chao Deng, Fatima AbdulKarim

and Dov Lieber contributed to this article. with Israel and Egypt aimed at opening the Rafah border crossing on Gaza's southern border with Egypt keeps stalling.

"My heart is aching for my family who were scattered. Saqqa said, clutching her U.S. passport and voter-registration card. "All I want to do is to help my family and go back to my husband and my kids and my grandson.'

Washington estimates that there are between 500 and 600 U.S. citizens in Gaza.

Once Saqqa reached the southern Gazan city of Khan Younis, she thought she was out of at least immediate danger as the Israeli military focused strikes on the north, and later asked civilians to evacuate to the south. But the next day, she said, an airstrike hit a nearby building where dozens of other displaced people had taken shelter. "Everybody's screaming, yelling and we were holding each other not knowing what's happening," she said.

Young men rescued an older woman who survived inside a bathroom, she said. They pulled corpses of children from the rubble and covered them with wedding dresses taken from a damaged shop nearby, she said.

Days later, the U.S. Embassy in Israel issued an alert for

"I'm just sitting here waiting, and it's like a ticking bomb," Saqqa said.



Wafa al-Saqqa was visiting her ill father when war broke out.

Xi Doubles Down on Belt and Road Initiative

Chinese leader, Putin tout trillion-dollar project at summit West largely shuns

BY BRIAN SPEGELE AND WENXIN FAN

BEIJING-With one war raging in Ukraine and another unfolding in the Middle East, Chinese leader Xi Jinping is promoting his signature foreign-policy project as a force for unity, cooperation and prosperity around the globe.

At a summit convened here to celebrate the Belt and Road Initiative, a crucial part of China's rivalry with the West, the picture looked more fractured. The prominence given to Russian President Vladimir Putin at the summit, and the near absence of Western representation among the roughly two dozen world leaders who attended, underlined how geopolitical divisions have deepened since Xi proposed the Belt and Road idea a decade ago.

Fissures that ramped up with Russia's invasion of Ukraine are becoming even more stark as the crisis in the Middle East unfolds. The war between Israel and Hamas has stretched American and European resources while relieving pressure on Russia and prompting China to align itself more closely with the Palestinian cause.

During a keynote speech inside Beijing's Great Hall of the People on Wednesday, Xi positioned China as a leader of a new, more inclusive global or-der and promised that his country's rise would benefit any that wanted to participate.

"We don't do ideological confrontation, we don't do geopolitical rivalry and we don't do bloc politics," he said, taking aim at unilateral sanctions, economic decoupling and other tools Beijing accuses the U.S. of exploiting to contain its rivals. "What has been achieved in the past 10 years demonstrates that Belt and Road cooperation is on the right side of history."



Russian President Vladimir Putin, left, with Chinese leader Xi Jinping, had a prominent role at a Beijing infrastructure summit.

Invited to speak directly after Xi. Putin praised what he said were the trillion-dollar infrastructure program's efforts to build a "fairer, multipolar world and system of international relations," Chinese state broadcaster CGTN reported.

Originally envisaged as a way to promote infrastructure development to better link China to Central Asia and bevond, the initiative has faced criticism from Western governments for piling what they say are unsustainable debt loads on some participant countries.

Xi didn't directly address the debt criticism in his speech on Wednesday. Instead, he spoke in broad terms about how China's rise benefits other countries.

'When China does well, the world will do even better," Xi said. "Through Belt and Road cooperation, China is opening its doors even wider to the world."

Amid the war in Ukraine and an outstanding arrest warrant against him by the International Criminal Court. Putin's attendance at this forum reinforced vear's China's economic and diplomatic support for the Russian

There is evidence that,

in some ways, enthusiasm

for the Belt and Road Ini-

tiative is waning. This year,

roughly two dozen heads of

state or government have

attended the Beijing sum-

mit, compared with the 37

who participated in the lat-

as Afghanistan, sent lower-

Other governments, such

est such forum in 2019.

leader even as he has become a pariah in the West. In response to Western sanctions against Russia following Putin's invasion of Ukraine, trade ties between

Russia and China have surged, as Russia has increasingly turned to China to source technologies and machinery it

struggles to get elsewhere.

Some Lose Enthusiasm for Massive Infrastructure Plan

level officials. The Taliban

dispatched the country's

and commerce.

acting minister of industry

Noticeably absent from

this year's forum is almost

all representation from the

European Union. Hungary's

Prime Minister Viktor Or-

bán was the only head of

an EU member state to at-

tend this year's gathering.

As Russia contends with economic isolation from the West. Putin in his speech invited Belt and Road countries to take part in developing what is known as the Northern Sea Route, which runs through the Arctic from northwestern Russia to the Bering Strait. The route cuts the shipping distance to China and avoids the chokepoints of the Suez Canal and Malacca Strait.

While Russia has previously sought to frustrate China's ambitions in the Arctic, Putin sounded a more welcoming note in his speech in Beijing. 'We invite interested states to directly participate in its development," he said of the Northern Sea Route.

Leaders from Greece, Italy

and Portugal attended the

And while the Belt and

Road Initiative was once fo-

cused on China helping to fi-

nance and build large-scale

pears to be shifting toward

smaller, more commercially

oriented projects, analysts

who follow the initiative say.

infrastructure, it now ap-

2019 meeting.

In a meeting between Xi and Putin on Wednesday, their 42nd since 2013, the Chinese leader praised what he said was a "good working relation-

ship and a deep friendship" with Putin, Chinese state media reported.

"The Chinese side supports the Russian people taking the path of their own choice for national rejuvenation, defending national sovereignty, security, and development interests," Xi told Putin, according to Chinese state media.

The Chinese state-media readout didn't mention Ukraine specifically, but said the two leaders discussed the situation between Israel and the Palestinians. Putin said the meeting with Xi ran for three hours, during which he provided a detailed update to Xi about the situation in Ukraine.

Under the difficult current circumstances, China and Russia should closely coordinate their foreign policies, Putin told Xi, Russian state media reported.

Russia has previously praised China's official position on the Ukraine war, with Beijing taking the view that the security interests of all parties must be taken into consideration in seeking a resolution to the conflict. That position, Western analysts said, lends weight to the Russian stance that external security threats meant it had no choice but to invade Ukraine.

There was no immediate word of a breakthrough on long-running negotiations for a new natural-gas pipeline linking Russia and China, dubbed the Power of Siberia 2. The pipeline would traverse Mongolia and bolster Russian gas sales to China, further reorienting Russia's energy industry toward Asia and away from its traditional reliance on Europe.

In a meeting with Mongolia's president in Beijing on Tuesday, Putin said he thinks the project will move forward with good momentum, Russian state media reported.

Watch a Video

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China's Economy Faces Long-Term Woes | Pentagon Says Beijing

BY STELLA YIFAN XIE

HONG KONG-China's economy is shifting into a lower gear, with the property market that long fueled China's growth



Harasses Patrol Planes BY ALASTAIR GALE

performed reckless maneuvers tions at China's doorsteps."

"has sent warplanes halfway around the world to stir up Chinese jet fighters have trouble and make provoca-

mired in a prolonged downturn. The struggling economy showed some signs of life on Wednesday, with strengthening

retail sales helping to drive growth to a faster-than-expected 4.9% in the third quarter.

The data suggest that recent stimulus measures, including interest-rate cuts and steps to encourage home sales, have helped stabilize the economy, putting it on track to hit Beijing's official growth target of around 5% this year. The report allaved, at least temporarily, fears of a worsening economic crisis.

Still, economists warn China's economy remains fragile and its long-term prospects are darkening. In recent weeks, a bevy of economists have lowered their forecasts for China's longer-term growth trajectories. even as they raised their shorter-term predictions.

The International Monetary Fund this month lowered its forecast for China's growth next year to 4.2%, down from 4.5%. The IMF projected Chinese growth would drop to 3.7% in 2027 in its latest economic outlook report, down from a forecast of 4.6% in its report last October.

Oxford Economics, a U.K.based research firm, last week revised its expectations for growth over the next five years to around 4%, down from 4.5% previously. Even more pessimistic is Morgan Stanley, where economists said in a September report that they expect China's growth to slow in the coming years, dropping to 3% by 2030.

"If investors want to worry, worry about the long term, not the short term." said Derek Scissors, a senior fellow at the American Enterprise Institute, a conservative think tank in Washington.

The rapidly deteriorating growth trajectory has implications for one of Chinese leader Xi Jinping's long-cherished political goals-seeing the Chi-

Retail sales helped drive growth, but economists warn long-term prospects are darkening.

nese economy surpass the U.S.'s in overall size. For many economists, the question had long been a matter of when. not if, the Chinese economy would surpass that of the U.S. As recently as 2021, when China's hard-line approach to containing the Covid-19 pandemic allowed it to enjoy a rebound, many economists were moving forward their timelines.

Now, many economists have shifted their timelines back again—and many no longer think China will eclipse the U.S. at all.

Economists pointed to a range of factors, including an extended hangover from the effects of Xi's zero-Covid policies, rising geopolitical tensions with the U.S. and delays by Chinese policy makers in addressing some of the country's structural imbalances.

One of the biggest factors, though, is the unraveling of the property sector that has fueled its growth for decades.

Home sales remain in the doldrums despite provincial and local governments loosening restrictions and implementing other favorable policies to entice buyers. In the long run, an aging population and already elevated homeownership could undercut demand.

The country's big developers, who were long at the center of that growth model, have

China's GDP, change from a vear earlier





shown fresh signs of distress. On Wednesday, Country Garden, once considered one of the country's most stable developers, missed a final deadline to make an interest payment on a dollar bond.

There are signs that recent easing policies are losing their potency. New home prices in 70 major Chinese cities fell at a faster pace in September. and more cities reported price declines compared with August, China's statistics bureau said Thursday.

As a share of GDP, Chinese local governments' fiscal resources-which rely heavily on home sales-have deteriorated to their worst level in over a

decade, said Adam Wolfe, emerging-market economist at Absolute Strategy Research. who argues that local governments may be forced to slow their investments in infrastructure projects and cut back on industrial subsidies as a result. "The overall drag on

growth could be more severe next year," said Wolfe, who predicts that growth may slump to 3% or less in the coming years.

There is an emerging consensus among economists that another significant factor in China's darkening outlook is the residual impact from strict Covid lockdowns. Some are beginning to question whether China's economy will ever return to the levels of activity it saw before the pandemic.

Various indicators show that economic activities, including investments and industrial output in China have stabilized at around 5% below the prepandemic trend, said Louise Loo, lead economist at Oxford Economics. "This all suggests a bigger-than-expected permanent output loss to the economy, likely due to a structural shift in spending and investment patterns," she said last week.

- China developer skips last .. B1 deadline on debt. Heard on the Street: China
- stabilizes amid woes..... B12

close to American and other military aircraft almost 300 times in the past two years under a centrally directed campaign of coercion, the Pentagon said.

Offering new video footage and photos, the U.S. gave the most detailed account yet of dangerous encounters involving Chinese jet fighters and leveled its most direct accusation that senior Chinese leaders are orchestrating the incidents.

In maneuvers over the East China Sea and South China Sea this summer, one Chinese jet fighter deployed flares

Pilots on U.S.

aircraft say

provocative

actions are

common.

near a U.S. aircraft and another performed an aerobatic roll around a U.S. aircraft. Several flew as close as a few dozen feet to U.S. planes, according to the accounts. images

and video from the Pentagon.

American military officials say aggressive behavior by Chinese fighter pilots reflects a pattern of increasing assertiveness by China across the Asia-Pacific region. Beijing has clashed with India over land-border claims, swarmed iet fighters and warships near Taiwan and triggered confrontations with Philippine coastguard ships.

More than 180 of the close encounters with jet fighters have involved American aircraft over the past two years, but China has confronted other nations as well. On Monday, a Chinese jet fighter flew close to a Canadian patrol aircraft over the East China Sea and released flares, according to video footage of the incident.

Canada's defense minister called the Chinese action dangerous and reckless, while a Chinese Foreign Ministry spokeswoman said Canada

U.S. patrol aircraft frequently fly around the South China Sea and East China Sea on what the U.S. calls freedom-of-navigation operations designed to challenge Beijing's claims of control.

Pilots on American patrol aircraft say provocative actions by Chinese fighter pilots are common and often accompanied by radio warnings from Chinese ground stations to stay away from sensitive areas, such as artificial islands in the South China Sea where Beijing has built military facilities.

American pilots say they of-

ten have trouble figuring out whether the Chinese jet fighters are following a predetermined course of action and how close they intend to get. On an American patrol flight over the South China

Sea in February that The Wall Street Journal joined, the pilots repeatedly sought to make contact with a nearby Chinese jet fighter, without response.

At the Pentagon on Tuesday, Ely Ratner, assistant secretary of defense for Indo-Pacific security, said the episodes were part of a "centralized and concerted campaign" to try to force the U.S. and its allies into curtailing military flights through international airspace near China.

He said the American military wouldn't be deterred. The U.S. will "continue to fly, sail, and operate safely and responsibly, wherever international law allows," Ratner said.

China's Defense Ministry didn't respond to a request for comment. The defense minister said in June that if other countries wished to avoid risky encounters, they should stop conducting reconnaissance operations near China.

PERSONAL JOURNAL.

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THE WALL STREET JOURNAL.

I WAS HERE

Back at the Office for a Pit Stop?

'Coffee Badging' Carries Job Risk

Thursday, October 19, 2023 | A11

move close enough to an office to show up Tuesday through Thursday or take a severance package. Annie Lowe became the digital

equivalent of a poster child for inoffice effort earlier this year. An executive at Dandy, the dental technology company where she works as a sales representative in Lehi, Utah, praised her on LinkedIn for being at her desk early in the morning.

A post with a photo of Lowe surrounded by empty seats and dark computer monitors drew more than 100 comments, many of which were complaints about bosses who link working hard with being physically present.

Six months later, Lowe was promoted to senior business development rep.

"That is how I like to hustle," she says of arriving by 8 a.m. on the two days a week when she reports to the office. "I'm more productive in the morning, and I want to get there and just start grinding.'

Yes, she stays until 5 p.m.

Several who don't hang around told me they'd be happy to be interviewed about their coffee badging—then decided it wouldn't be a wise move after all. They insist they're not doing anything wrong, noting that they attend in-person meetings when required and complete all their tasks. If a collaborative session is over and the rest of the day will be spent typing, why shouldn't they be free to leave and work from home?

Still, perception matters and they say their bosses are likely to conclude—fair or not—that any performance issue must be a result of insufficient face time.

Matt Johnston, chief executive of the software company Git-Kraken in Scottsdale, Ariz., says he doesn't mind if hybrid employees coffee badge on the days when they come to the office.

"We also manage to exacting results," he adds. Fall short, and brace for a performance-improve-ment plan. "This absolutely may include more time in office."

If you're ever let go, you might wish you had spent more time building relationships in the office, says John Cornely, who works in Charleston, S.C., as a territory manager at iRhythm Technologies, a medical device company.

Before his business career, Cornely was a professional baseball player, mostly in the minors. A right-handed pitcher, he saw one inning of action in the majors on April 29, 2015. That was it. He jokes that his cup of coffee in the big leagues was more like a shot of espresso.

Imagine how he feels about coffee badging.

"I've had the opportunity to mentor people in the business world," Cornely says. "I tell them to make the most of opportunities,

satisfy heightened monitoring, then bolt. It's the grown-up version of signing a professor's attendance sheet before ducking out of the lecture hall (not that I

Coffee badging seems like a way to hack the RTO system, but there are flaws, not the least of which is the term's fuzzy etymology. Urban Dictionary says the badge in the name is the building-access card that a worker uses to swipe into the office just long enough to sip a mug of joe; others say that's too literal and claim the badge is actually an imaginary award for showing face—like a Boy Scout merit badge pinned in the boss's mind instead of on

Never trust your professional fate to a buzzword. Remember how quiet quitting soon became quiet firing? Just because everybody else is doing it doesn't mean there won't be consequences down the line.

"It's highly likely that you're headed for a mediocre career," warns Keith Styrcula, founder and

ever did that).

a sash.

chief executive of Glasstower Digital, a financial technology firm in Greenwich, Conn. "Face time and



playing the political games are sometimes as important as merit. That's just the way American corporate culture works.'

Styrcula says the business environment has changed somewhat

Keith Styrcula, a fintech founder, says face time is key to advancing.

fied people are up for big assignments or promotions it is still managers' natural impulse to favor those they know best.

In a recent survey of U.S. chief executives by KPMG, almost twothirds said they envision employees working in offices full-time three vears from now, and 90% said they'll reward office goers with favorable assignments, raises and promotions.

Bailing out of the office early may bring the thrill of bending the rules, though managers are bound to notice if people are habitually absent in the afternoon. More companies are

starting to track whether employees swipe into the office, as well as how long they stay. Businesses that initially embraced remote work are calling employees back to offices, at least part-time. In one of the stiffest new policies the gaming company Roblox this week told some remote workers to



cup of coffee in the majors is the term for a short baseball career in the big leagues. Now some white-collar workers are leaving

the office almost as soon as they arrive and calling the practice 'coffee badging."

The difference is the ballplayer wishes he could stay; the people $\widehat{\mathbb{C}}$ ditching their desks would rather anot show up in the first place.

We've entered the gamesmanship phase of the return-to-office Sbattle between bosses and their gsubordinates. Instead of ignoring in-person mandates, as many peoigple did when enforcement was lax, some are finding ways to follow the letter, but not the spirit. They're going in on days when amost co-workers don't, taking off ≥early and creating afternoon dead ≦zones or, in the extreme, barely ∑clocking in at all.

Many companies' policies require employees to work a certain number of days in person without

especifying the hours. People can ≥make brief appearances, long ∉enough to be seen by execs and

since he was a young banker at UBS and JPMorgan Chase, but one thing hasn't: When similarly qualiand going to the office is part of that, because you never know when they're going to get taken away."

Airport Delays and Hassles Keep Business Travelers From More Frequent Flights

BY JACOB PASSY

eeting the client in person and on time has become more challenging for road warriors with the rising number of air-traffic delays and full flights.

During the first nine months of 2023, more than 22% of flights to or from U.S. airports were delayed, according to data from FlightAware. That's up from roughly 17% during the same period in 2019.

Airlines also continue to operate fewer flights in 2023 than they did before the pandemic. That has left travelers with fewer options, particularly in the event of delays and cancellations. Corporate travel members, travel agents and business travelers say they are rethinking how to approach work travel as a result.

Spending on business travel should reach prepandemic levels by the end of 2024, according to projections from the Global Business Travel Association. Previous predictions suggested the milestone wouldn't happen until 2026. Leisure travel is already humming along at 2019 spending levels, thanks to people planning "revenge" trips they had put on hold.

Survey data suggests that the business recovery would happen even faster if not for unpredictable air travel.

A third of business travelers reported that they are taking fewer trips than before 2020, according to a survey conducted in August for the U.S. Travel Association. The survey found that these travelers would take an average of two more trips a year if the complications with air travel improved. Dealing with delays and crowded airports during a business trip can be harder to stomach in the era of Zoom meetings.

"If your daughter is expecting to go to Disney World, you're going to Disney World. You'll put up with the delays and the trouble," says U.S. Travel Association CEO Geoff Freeman. "The business traveler is the first to say, 'I'm not putting up with the hassle.

An unexpected journey

David Munk flew to South Carolina for what was meant to be a one-day business trip this summer. Then his flight got canceled.

Munk hadn't returned his rental car yet and decided to drive back to his home in New Jersey along with some fellow stranded passengers. The overnight journey took nearly 10 hours and cost around \$400, including a brief hotel stay, Munk says. His company footed the bill.

"I extended my rental, made some new friends on the way home and it was a great experience," says Munk, who works as a regional manager for Dynamic Design Associates, a commercial interior-design firm. "I really just try to roll with the punches."

Many business travelers can control whether they must go on the road.

"The traveler may well recognize that the trip that they're considering taking is low-value," says Scott



A third of business travelers reported that they are taking fewer trips than before 2020, according to a U.S. Travel Association survey.

Gillespie, a travel-industry consultant. "More risk weeds out lowvalue trips first."

Travel budgets and eco-friendly considerations also weigh on business travel. Many companies have pledged to reduce their carbon footprint in recent years.

Reducing business travel is one way to do that. Travel continues to cost more than it did before the pandemic. Even if a company has the same budget for corporate travel as four years ago, that money doesn't go as far now

Hotels and airlines still are upbeat about the business-travel recovery. Delta Air Lines President Glen Hauenstein said during a recent earnings call that return-to-office initiatives will boost corporate travel demand. Hotels in markets such as New York that rely on business travel say that bookings from the tech and financial-services sectors have improved.

So much for Sunday

Business trips require more time because of potential delays and cancellations, corporate travel managers say

Flying to and from the site of a business meeting in a single day is risky. People who travel frequently for work say they have adapted by giving themselves a buffer and flying to their destination the day before to provide a cushion if anything goes wrong. Some business leaders have gone as far as to make this a policy for their workers.

Debbie Fierst, chief executive officer of Logical Imagination Group, a technology consulting, training and development firm, now mandates that her staff aim to travel by midday at the latest. The policy has its trade-offs. Fierst. who lives near Columbus, Ohio, often flies out on Sundays before Monday meetings with clients

"I used to be able to spend all

day Sunday with my family, and now I'm leaving at 11 o'clock in the morning and losing my entire Sunday, just because I can't guarantee that the 8:40 p.m. flight is going to actually happen," she says.

Industry analysts report that companies are changing other policies in light of more frequent flight problems. Some companies have loosened the approval process to book travel to make it easier for workers to reschedule when problems arise.

Corporate travelers are booking trips much farther in advance to ensure they have the best options for flights, says Avi Meir, CEO of travelmanagement company TravelPerk.

At ZS Associates, a management-consulting firm with more than 13,000 workers globally, employee training around corporate travel has changed. It now stresses downloading airlines' mobile apps in advance and using in-app chat functions if a flight is canceled, says Suzanne Boyan, the company's travel and meetings manager.

Boyan says air-travel issues arise frequently for the employees she helps. Her team has access to funds that they can use to grant employees access to airport lounges if their flight is delayed or canceled. With lounges so full these days, ZS now requires that the employee confirm that the club is still accepting guests before issuing the pass, she says.

"It's becoming a little bit more challenging to mitigate the issues that flight delays cause," Boyan says.

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PERSONAL JOURNAL.

Who Is a Prepper These Days? Lots of Us

More people are prepping for flood, fire or other urgent situations by buying supplies to get them through

BY RACHEL WOLFE

face.

isaster preparedness, once the province of fringe groups and socalled preppers convinced doomsday was at hand, has a new

A renewed interest in self-reliance is driving city dwellers and suburbanites to stock their homes and cars for emergencies, owners of disaster-preparedness businesses say. Blame supply-chain shortages and the shock of empty grocery shelves during the pandemic, or more recent natural disasters and tense global events.

Those business owners and survival-training coaches say they are seeing a new kind of customer looking to make sure they can get through a few days or weeks without power or fresh water in the event of a flood, fire or other calamity. These customers don't fit the stereotype of so-called doomsday preppers stocking bunkers with ammunition and gas masks to survive an apocalypse.

Surveys and rising sales of prefabricated disaster kits indicate that Americans are more apt to keep emergency supplies on hand than they were a few years ago. Roughly a third of the 2,179 U.S. adults surveyed by financial-services company Finder in April said they spent an average of \$149 on items including nonperishable food, medical supplies and cases of water in the past year. That is up from about 20% who said they did so in 2020.

Those newly packing go-bags and planning emergency escape routes say they used to consider such preparations as overly fearful. Now, they say not doing so is naive.

Rick Leesmann wants to be clear: He isn't a bunker guy.

"I'm a PlayStation 5, love-mycomfort guy," the 39-year-old healthcare information-technology worker says. If you told him a few years ago that he would have four prepacked "bug-out bags" hanging in his Kansas City, Mo., pantry, he wouldn't have believed it. They are filled with snacks, flashlights, water and coloring books for his two young sons.





After the Covid-19 pandemic, the wars in Ukraine and now Israel, along with wildfires in Canada and Lahaina, Leesmann says he avoids panicking about his family's safety by focusing on what he can control.

"It's taking rational steps to ensure we have the ability to act quickly in those moments," he says. He thinks about the go bags only when he checks the batteries and food expiration dates twice a



Alexjandria Edwards purchased a disaster pack on Amazon. Preppi says year-to-date sales for its kits, left, are up 29% from 2022

year—or catches his boys using the flashlights as Jedi lightsabers.

A widespread shift

Reality shows such as "Doomsday Preppers" portray disaster-obsessed people preparing for the worst, but many people now preparing for emergencies say they simply want to check an item off their mental worry list.

Numerous companies selling boutique preparedness packs have popped up in recent years to meet what they say is demand from people who want to be ready for an emergency, without having to do the assembly and research themselves.

Preppi, whose kits look like classic doctor's bags, reports yearto-date sales up 29% from 2022. For Judy—whose bright-orange disaster packs start at \$195—yearover-year sales quadrupled in June, when wildfire smoke blanketed the Northeast. Both brands include hand-crank radios, face masks, nonperishable food, firstaid kits and other gear in their bags.

Yeti recently teamed with emergency-prep company Uncharted Supply Co. for a \$730 survival kit that includes a Mylar tent and water-filtration system. Uncharted's chief executive, Christian Schauf, says the company is on track for its best sales year since its founding in 2016.

Alexjandria Edwards says keeping a tent, sleeping bag and waterfiltration system in her New York City apartment can sometimes feel silly. After viewing videos about emergency preparedness on social media, the 28-year-old marketing manager at an arts nonprofit purchased a disaster pack on Amazon for about \$100.

She has also been watching online tutorials on homeopathic healing and learning to grow her own windowsill vegetable garden. A vegan, she worries about the availability of food she can eat in a disaster.

When severe flooding shut down parts of the New York City transit system in September, Edwards says, she felt safer knowing she had enough supplies to shelter in place.

The National Oceanic and Atmospheric Administration reports that 122 separate disasters in the U.S. between 2016 and 2022 have killed at least 5,000 people for over \$1 trillion in collective damage.

Changing demographics

John Ramey, founder of self-reliance training site The Prepared, says his audience includes a mix of people of all races, genders and political persuasions. The breakdown is a departure from what he describes as early prepping communities' makeup of primarily right-leaning white men.

"People are becoming more and more aware of the problems in the world and how fallible things are," says Ramey, who lives in Boulder, Colo.

Kasen James changed his mindset on preparedness after spending a panicked 10 minutes running around his Morgan Hill, Calif., home rounding up his cat, clothes and medications after a wildfire evacuation order in the summer of 2020. Now the 30-year-old copywriter keeps about \$200 of supplies and a few hundred dollars of cash in his home and car. He also laid out a wildfire evacuation plan.

"I can't control what happens, but I can have the peace of mind of being prepared," he says.

Workers Shed Reluctance To Call In Sick

Continued from Page One as Stellantis, complain such worker absences are driving up costs. The Detroit carmaker has repeatedly brought up the issue as contract talks with the United Auto Workers proceed, saying it lost 10.9% of hourly worker time in 2022 because of unplanned absenteeism.

Before the pandemic, Darren Smith muscled through any illness. At one point, the 50-year-old project manager fell asleep at work while on medication for a shattered ankle, waking up to keyboard indentations on his face. Then in 2020, he was laid off.

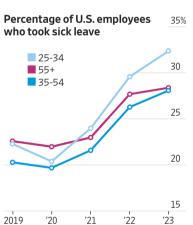
"That was my epiphany," said Smith, who now works at a West Chicago-based pump-repair facility as a project manager. "I gave you everything, and you kicked me to the street."

On a recent Monday, after working a few hours, Smith sent his boss a message asking if he could take a half-day sick. His boss gave permission, and Smith walked out.

"It was a gorgeous day, I just wasn't in the mood to work," he said.

Younger generations

Younger workers used to follow the example of their older peers and come in even when under the weather, said Crystal Williams, chief human resources officer at global business payments company Fleetverse cor, which has around 5,000 U.S. the mployees She suspects early-career employees aren't taking cues way now that five days a week at the office is no longer the norm. Before the pandemic, Fleetcor workers in their 20s and 30s took



Note: White-collar workers with access to paid time off Source: Gusto analysis of U.S. payroll data from 300,000 small and midsize businesses

one or two sick days a year, she said. Now, it is more like three to five.

"The accounting team is not happy with me providing this time off because it's a liability for the company," she said of the extra cost of sometimes adding staffing to ensure adequate coverage amid absences.

Donna Ruscingno, who leads a team of around 20 employees as chief accounting officer at real-estate company LivingNY, said she thinks job-hopping has made workers feel less guilty about calling in sick and leaving co-workers to pick up their slack.

"If you don't stay long enough to build camaraderie with co-workers, you're more apt to take the time," said Ruscingno, adding that she sees more younger workers, in particular, taking all their sick days. "I don't think there's the same work ethic."

Sick days are rising even though telework has made it easier for workers to stay online while under the weather.

"I'm not contagious via Zoom,





though maybe I'm sniffling or coughing," says Kenneth Matos, a global director at employee analytics software company Culture Amp. Companies can benefit if workers still field emails and take meetings when they previously would have Darren Smith, with his son, says his view on sick time has changed. Lisa Frydenlund, left, welcomes the more expansive attitude toward sick time.

taken the day off, Matos said. On the other hand, workers miss out on needed rest and are less effective while working ill: "It's virtual presenteeism."

Definition of a sick day

Lisa Frydenlund, who until this month was an HR officer managing around 300 employees at two senior-services agencies in Sacramento, Calif, has welcomed the more expansive attitude toward sick time. She recently used a sick day after a series of frustrating encounters with new workplace software.

"I told my boss, I hit a wall, I can't be here," she said, adding that stress can trigger migraines for her. "I wasn't going to be purposeful, so why come in?"

Sick days now cover kids' and family needs, too, said David Setzkorn, disability practice leader at Sedgwick, a large administrator of leave claims for employers. Many states have passed laws in the past decade reauirina emplovers to grant sick days to tend to family members, too, and now more than 80% of private companies with paid time off do so, he estimated. More companies also provide unlimited sick time than they did a decade ago, so fewer employees feel they have to scrimp.

A still-tight labor market means companies can't be grouchy when em-

ployees call in sick, said Kerri Dye, who until recently managed several Starbucks locations in Sacramento. Dye said that she makes a point of encouraging workers to use sick days for less conventional reasons, such as recuperating after a travel-intensive vacation. "You get such loyalty and buy-in from your team when you show them you care," she said.

Early in her career at another employer, Dye said she once passed out in the bin of an industrial ice maker at an airport cafe after showing up to work with pneumonia. Her boss was put off by the suggestion that she stay home to recover, she said. "It was like I had suggested I drown a bag of kittens." Dye left the job not long after.

More employers are coming to view sick days as a benefit to help workers cope with the unexpected whether that's parental health issues, school closures or a more runof-the-mill employee cold, said Rich Fuerstenberg, senior partner in the health and benefits practice at consulting firm Mercer.

"It's a much more expansive catchall," he said.

ARTS IN REVIEW

By LAURA JACOBS

Winterthur, Del. n 1964, the Saturday Evening Post called the couturier Ann Lowe "society's bestkept secret." At that point she'd been dressing women of the Social Register for decades-first designing their white debutante gowns, then their white wedding gowns, then their seasonal ballgowns, then their daughters' debutante gowns, and so on. Just as the Grace Church wedding was de rigueur for the gilded marriages of New York's 400, the Ann Lowe wedding dress was a midcentury must. How much of a secret was she? Lowe created the most loved wedding dress in American history: the simple in silhouette yet intricately detailed gown that Jacqueline Bouvier wore, in 1953, when she married the young Sen. John F. Kennedy. In all the press describing that day in Newport, R.I., and for years afterward, almost no one put a name to the dress. Why? Perhaps because Lowe was black.

The Winterthur exhibition "Ann Lowe: American Couturier" has been a long time coming. It was conceived by the scholar Margaret Powell, who made Lowe the subject of her 2012 master's thesis in the history of decorative arts. From 2013 to 2016, she worked at Winterthur, where curatorial staff supported her continuing research on Lowe. Three years later, at only 43, she died. Committed to Powell's exhibition, Winterthur passed the baton to Elizabeth Way, associate curator of costume at the Museum at FIT. Ms. Way has now brought this pivotal show to fruition

Lowe's work is held in major American museums, but she herself has hovered in a sort of fashion way station, not quite understood. Walk into the exhibition space at Winterthur and you're immediately dazzled by an angelic gown of palest blush silk and tulle, its voluminous Second Empire skirt graced from the waist down with a corolla of diamanté beadwork and silver stars. Made in 1961 for Lynn Neville Robertson of Omaha, Neb., it was first worn to the Ak-Sar-Ben coronation ball; in 1962, it was Robertson's wedding dress. One thinks of Adrian's pink gown for MGM's Glinda the Good Witch—minus the giant puff sleeves. Lowe did fantasy with consummate taste.

All her creations were custom originals, made with techniques that matched those of the Paris couture and sometimes improved on them. "She does the same amazing kind of job that Mainbocher does," said Eugenia Sheppard of the New York Herald Tribune in 1964. But where Mainbocher was a fashion insider—he began his career as the editor of Paris Vogue-Lowe, the granddaughter of an enslaved woman, learned to sew as a child in her family's dressmaking

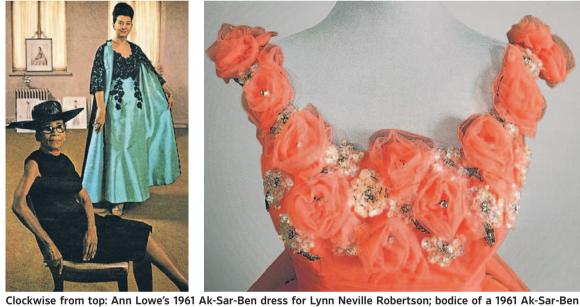


EXHIBITION REVIEW

Dressing the Daughters Of High Society

Ann Lowe, the oft-overlooked black designer who created Jacqueline Kennedy's wedding gown, is the focus of a sumptuous show





York, living in Harlem and running a series of shops on the Upper East Side; sometimes she partnered with stores such as Saks Fifth Avenue.

Lowe was born in either 1898 or 1889. As Ms. Way writes in her wall text, "Lowe's life and work spanned the Jim Crow era, the Great Migration, two world wars and the Great Depression, the Civil Rights Movement, and several momentous fashion changes." The show includes a handful of uniquely cut day dresses from the 1930s, but it was evening pieces that brought the families Du Pont, Auchincloss, Vander Poel, Lodge and Hamilton to Lowe's showroom. No one else would have the same dress, and compared to Paris she was underpriced, never charging enough to make a meaningful profit.

Winterthur's gallery of debutante gowns and fantasy dresses opens into a large room full of wedding gowns. Working with her brides, Lowe designed with restraint, or with historical references, or with a feeling for the moment, as we see in the 1968 gown for Elizabeth Mance, its lace insets "flower power" playful. The show's jewel is Jackie Bouvier's wedding gown, reproduced by Katya Roelse, an instructor and designer at the University of Delaware, because the actual garment is too fragile to be shown.

Bouvier is said to have asked for a "tremendous dress, a typical Ann Lowe dress," and that is what she got. A portrait neckline curves balletically into small offthe-shoulder sleeves—a Lowe innovation that was more becoming than a cap sleeve and allowed the arms to move. Remembering a gown her mother had made for a Montgomery belle, Lowe decorated the bouffant skirt with seven huge rosettes, six with small clusters of wax orange blossoms in the center. The gown's decorative brio is distinctly 1860s America, especially the many rows of gathered swags on the lower third of the skirt. Was that also conscious?

Painted in shades of gray, pink and aubergine, the galleries look like dress salons, with plenty of space around the pieces. There are delights in every room-for instance, examples of Lowe's handmade silks flowers which were a specialty; two of the miniature First Lady inauguration dresses she made for dolls that were toured by Evyan Perfumes; and a queenly beaded caftan coat that Lowe herself wore in 1964, on "The Mike Douglas Show." She retired in 1972, and died nine years later. The exhibition's last room contains glittering works by black designers who honor Lowe's place in American fashion—and now the rest of us will too.

Ann Lowe: American Couturier Winterthur Museum, Garden & Library, through Jan. 7, 2024

shop, and began her career clothing women in Montgomery, Ala., and Tampa, Fla. In 1928, to test her talent, Lowe moved to New

Ms. Jacobs is the Arts Intel Report Air Mail.

MUSIC REVIEW

Finding Fire on Conceptual Jazz Albums

gown; and the designer in the December 1966 edition of Ebony magazine

BY MARTIN JOHNSON

FOR A LONG TIME, "academic" has been an epithet in the jazz community, referring to music that lacks spontaneity and fire. But Caroline Davis and Anna Webber, two saxophonists and composers with deep roots in academia, rebut that negative stereotype. Both make recordings built around concepts-and Ms. Webber in particular dotes on arcane theories and approaches—yet their music is engrossing and invigorating. Each has a new album out this month-Ms. Davis's "Captivity' (Ropeadope, out now) and Ms. Webber's "Shimmer Wince" (Intakt, Oct. 20)-that bristles with fervor and urgency.

Ms. Webber, who was recently appointed co-chair of jazz studies at the New England Conservatory of Music, has made several recordings in the past few years built around her interest in timbre, often with large ensembles. For "Shimmer Wince," the 38-year-old assembled a quintet that features drummer Lesley Mok, trumpeter Adam O'Farrill. cellist Mariel Roberts and synthesist Elias Stemeseder to perform music based on "just intonation," an ancient tuning system based on natural harmonics and resonances that has been employed by minimalists like Terry Riley and La Monte Young. The composer and author Kyle Gann wrote on his website that to a layman's ears, music in "just intonation" might seem more introspective and meditative than music with conventional structures, and that is the case at the outset of

"Shimmer Wince," a recording Ms. Webber named for how this style makes her feel. But the music slowly and confidently blossoms from discreet to intense, encompassing a full range of dynamics and emotions.

On "Swell," the first track. soft drone-like sounds rise into harmonies featuring each member of her quintet in innovative ways; the horns play catchy unisons over the drums, and Ms. Roberts and Mr. Stemeseder enter to give the music heft and momentum. Over the driving, insistent rhythms of "Fizz." Mr. O'Farrill, a longtime associate of Ms. Webber, takes his most compelling solo, his bright tone growing increasingly complex as if storm clouds were moving in on a sunny day. On the aptly named

"Squirmy," the leader, who is also a virtuoso on flute, takes a darting. coiled solo that increases the anxiety of the tune alongside murmurs from Mr. O'Farrill and rumbles from Mok and Ms. Roberts. Ms. Webber's music lives at the intersection of jazz and contemporary-classical music, and she cites the influence of Gérard Grisey, Harry Partch and Rajna Swaminathan on some of these compositions.

All of Caroline Davis's recent recordings have been built around larger themes. Her albums have explored grief and loss following the



death of her father; the anterior digit of a bird's wing and its relationship to flight; Ingmar Bergman's classic film "Persona"; and the spirit of Von Freeman's legendary Chicago weekly jam sessions. Each record features a unique sound. "Captivity" continues in this vein as it explores the carceral culture of the West, focusing not only on figures like current death-row inmate Keith LaMar and Sandra Bland, who was found hanging in her jail cell in 2015 after a traffic-stop arrest, but on historical ones such as Galileo.

Ms. Davis, who is 42 years old,

Saxophonist and composer Anna Webber (center) and her band: their new album is 'Shimmer Wince'

has a doctorate in music cognition from Northwestern and has taught at many elite institutions. She began thinking about incarceration when, in her youth, she visited her imprisoned uncle in Stockholm. Ms. Davis writes in the liner notes: "I will never forget the look of the guards, the smell, the sound of the doors locking, and the look on my uncle's face. With one glance he communicated

an internal acknowledgment that he did something 'wrong', but also, not knowing how to exist in a society that had no interest in helping him grow and change." She formed the

group Alula out of the inspiration she found in birds, and here she cites Maya Angelou, Jennifer Teege and Rabindranath Tagore for the allegorical significance each poet has found in caged birds.

Like Ms. Webber, Ms. Davis merges jazz and contemporary-classical styles, and formed a band adept in both. It includes Val Jeanty on turntables, Tyshawn Sorey on drums and Chris Tordini on bass. The music ranges from somber, nuanced pieces to raucous blowouts; many numbers feature spokenword interludes. Ms. Davis's alto saxophone holds these elements together. She has a lean tone that can be affectingly lyrical one moment and abruptly cantankerous the next.

These recordings are emblematic of today's vital jazz scene. And beyond

Ms. Webber's and Ms. Davis's releases, the seven musicians who serve as sidepeople have noteworthy projects of their own. While many active jazz musicians pay the rent nowadays with day jobs in academia, that hasn't hindered their music. Jazz in the 2020s is beginning to resemble other peaks, such as that of the '60s, when established leaders often worked as sidepeople on other projects, creating exhilarating music.

Mr. Johnson writes about jazz for the Journal.

SPORTS

BY LOUISE RADNOFSKY AND ANDREW BEATON

he National Football League propelled the plucky upstart sport of flag football into the Olympics. Now organizers are opening up the door for the biggest NFL stars to play in the Games.

The U.S. already has a men's national flag football team that's the best in the world. It's also home to the planet's best tackle football players, some of whom have already hinted that they are intrigued by the possibility of playing when its cousin sport arrives in Los Angeles in 2028.

And now flag football's national governing body—and the NFL along with it—is greenlighting the chance for the league's biggest stars competing for gold medals in the summer before they spend the fall and winter vying to win the Super Bowl.

"Absolutely the door is wide open," said Scott Hallenbeck, chief executive of USA Football, which is in charge of selecting and organizing the team. "Naturally I would say it can include NFL players, current or former."

There are obvious hurdles to Patrick Mahomes or Lamar Jackson dominating the best flag football players that countries like Austria have to offer. The Olympics take place right when NFL training camps get going. Parties such as the league, teams and the players union would have to get behind players' preparation-and then their participation. And this is a sport so obsessed with protecting its star talent that Chiefs brass has previously said Mahomes is no longer allowed to play basketball.

But even before flag football's inclusion, for both men and women, in the 2028 Games had been finalized, big names began signaling their excitement.

"Calling all @NFL guys let's bring one home," Dolphins receiver Tyreek Hill wrote on X, the platform previously known as Twitter, within moments of the LA organizing committee's announcement that it would recommend flag for the sports lineup.

It turns out, Hill is the exact type of player who excels at flag football. While the five-on-five game doesn't prize hulking 300pound linemen who battle to pum-

NFL Stars in the Olympics? The Door Is Open

Shortly after flag football was added to the 2028 Los Angeles Games, organizers signaled that NFL players will be able to compete



Miami Dolphins receiver Tyreek Hill, center, in action during the 2023 Pro Bowl flag football game.

mel and protect quarterbacks, it values speed and elusiveness. Hill, who's 5-foot-10 on a good day and the only player in the league to be tracked running with the football at over 22 miles per hour this season, would fit right in.

So would the likes of Mahomes. His creative playmaking can look like it was ripped out of a highlight reel of flag football, which features a quarterback and four receivers on offense. On defense, all five players are essentially cornerbacks.

"Count me in already!" the recently retired tight end Rob Gronkowski recently told TMZ. "Hopefully there's no tryouts and they just accept me." Unfortunately for Gronk, there may be tryouts, and there are also players like Housh. That's the

'Count me in already!' retired tight end **Rob Gronkowski** recently said.

nickname of Darrell Doucette, the star quarterback of the U.S. team that comfortably won gold in Birmingham, Ala., last year at the

World Games, generally considered the highest level of competition for sports that aren't in the Olympics.

Hallenbeck added that while there are undoubtedly NFL players who would thrive at the no-contact version of the game, flag requires a different skill-set—so it's no guarantee in his mind gridiron superstars will take over every spot on the roster, and his personal preference would be to see a mix.

"You have players that play this every day, all the time, and have tons of experience," Hallenbeck says. "Tyreek Hill, Patrick Mahomes, Lamar Jackson, can

they learn as quickly? They probably can, right, and they'd probably be amazing.

Hallenbeck said that he is already talking with his counterparts in basketball and ice hockey about how they have handled this situation with the NBA and NHL when the Olympics have come calling. That could include identifying key players two years in advance to give them experience playing together.

Although the NFL has championed flag football-even remaking the Pro Bowl into a flag game-as a way to grow the sport, especially among women, the sport is run by Hallenbeck's USA Football. The organization, sensing an uptick in interest, has published instructions on how to "Rep The Flag" on its site.

For selection to 2024 teams, a digital combine opens later this month, USA Football says. Then comes the national team trials, then national team training camp ahead of international competition opportunities.

Peter O'Reilly, the NFL's Executive Vice President, Club Business, Major Events and International, also supported trying to get the league's players into the Games. While he noted the various logistical hurdles and different stakeholders who would have to approve the player participation, he also called the Olympics the "pinnacle of sport globally" and said they would try to work through those issues. He also outpointed the over 100 foreign-born players on teams this season, meaning NFL talent could be stocking flag squads across the globe. 'The player interest is real and

palpable," O'Reilly said.

Some of the biggest professional sports on the planet spent years lobbying organizers of the 2028 Olympic Games in Los Angeles to get a berth to another sporting megaevent. And from competing offers from baseball, cricket and flag—as well as softball, lacrosse and squash-the host committee picked...everyone.

There's no secret that the NFL's weight behind flag football was a big part in getting it through. "When you have the most popular sports league in the country" backing your bid, said Casey Wasserman, head of the LA28 organizing committee, "that sends a pow-erful message."



The Las Vegas Aces Win **Back-to-Back WNBA Titles**

BY ROBERT O'CONNELL

Midway through what would become a title season. A'ja Wilson—the reigning Most Valuable Player for the reigning WNBA champions disputed any claim that her Las Vegas Aces were a "superteam.' If Superman himself suited up for Vegas, Wilson cracked, she might allow the label. "But we don't wear leotards, so no, we're not.' Wednesday night in Brooklyn, Wilson's argument became harder to defend. Mounting a comeback in the second half, and preserving a lead with a late defensive stand. the Aces beat the New York Liberty 70-69, to win the WNBA Finals, three games to one. They became the league's first back-toback winners since the Los Angeles Sparks accomplished the feat in 2001 and 2002. "I'm forever thankful to New York," said Aces head coach Becky Hammon, a former Liberty point guard, "but I'm certainly happy to be walking out of here with this trophy tonight." The last steps of the championship run were the toughest. Las Vegas had coasted to a 2-0 series lead over the Liberty at home. but in Sunday's Game 3 in Brooklyn, the Aces suffered triple setbacks: a blowout loss on the scoreboard and injuries to All-Star point guard Chelsea Gray and center Kiah Stokes.

hook shot the next. She finished with 24 points and 16 rebounds, the capstone in a performance that won her Finals MVP.

The Liberty's last chance,

it off. (Also in street clothes was Candace Parker, a twotime MVP whom Vegas acquired in January and who underwent foot surgery in July.) Over the duration of the series. Wilson outscored and outrebounded New York's Breanna Stewart, winner of this season's MVP in a tight vote. In the two Aces wins before her injury. Grav averaged 17 points and 10 assists. With Gray reduced to a coaching role, hopping on one foot and calling out sets,

FALL IN THE GARDEN | By Mike Shenk

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"No one person's gonna replace her," Hammon said Sunday evening of Gray. "Everybody steps up and does a little bit more.'

On Wednesday, Wilson—a power forward with a boulder of a shoulder and a feather of a left-handed jump shot—made up the difference.

Las Vegas trailed by nine at halftime, but in the second half Wilson demanded the ball and made decisive moves with it: a pull-up on one possession, a twisting

a baseline jump shot from Courtney Vandersloot, hit only air, and an exhausted Wilson collapsed at the center of the floor.

This year's championship round was among the most anticipated in the history of the WNBA.

The Aces had followed up their 2022 championship



A'Ja Wilson led the Aces with 24 points in the Game 4 win.

campaign with a 34-6 regular-season record that included win streaks of nine and eight games.

The Liberty, who had largely been assembled in a single offseason of star acquisitions, had nevertheless won three of five pre-playoff games between the teams, including the championship of the in-season Commissioner's Cup tournament.

The rivalry between the teams defined the season and boosted its presence. According to the WNBA, the league saw a 27% increase in unique viewers over 2022, up past 36 million.

In the Finals, an Aces team conditioned to deep playoff runs built an early advantage, winning Games 1 and 2 by a combined 45 points, and the wounded version proved enough to finish

two usual bench players—Alysha Clark and Cayla George—combined for 21 points. Jackie Young added 16.

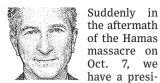
"We cried together, prayed together, and now we're popping champagne together!" Wilson shouted from the on-court podium postgame.

For the Liberty, the loss represents a setback in a promising basketball experiment. Stewart signed with New York in February as a free agent; forward Jonquel Jones and point guard Vandersloot also came to Brooklyn last winter. The trio slotted in alongside guard Sabrina Ionescu and forward Betnijah Laney to give the team a starting five made up entirely of players who had appeared in at least $\frac{1}{2}$ one All-Star game.

Solve this puzzle online and discuss it at **WSJ.com/Puzzles**.

OPINION

Israel Reboots the U.S. Election



WONDER LAND By Daniel Henninger

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The foreign-policy debate on the Republican side-China, Ukraine, the open border-had become rote. No longer. Hamas's killing of civilians and seizing of hostages, including presumably Americans, has forced the world's troubles to the top of the presidential agenda.

Joe Biden flew to the Israeli war zone and gave a worthy speech of commitment to the U.S. ally.

Support for Rep. Jim Jordan as House speaker depended in large part on the imperative to pass aid bills for Israel and Ukraine.

After Donald Trump, days after the massacre, reflexively posted statements of derision about Israeli Prime Minister Benjamin Netanyahu and admiration for Hezbollah as "smart," he spent the week refocusing attention on his foreign-policy accomplishments.

After one weekend in October, the table has filled with national-security crises: an existential threat to Israel. Iran exploiting the Middle East cauldron, what comes next for Taiwan, and Russia's war against Ukraine, on the border of the North Atlantic Treaty Organization. The U.S. southern border sits as an open, bleeding wound.

Suddenly in Let's cut to the chase. Acthe aftermath tually two chases.

One, which presidential candidate is up to-or qualified for-this new challenge? Two, which party is willing to pay to do what is necesdential elecabout sary for the U.S. to meet the challenge?

The second question answers itself. The Democratic foreign-policy establishment isn't as far left as the party's dominant wing. But the party of the Squad, Bernie Sanders, anti-Israel demonstrators and cash-starved progressive city governments controls the Democrats' limitless domestic spending priorities, which simply no longer include a robust national defense. Any Democratic president with control of one congressional chamber will keep inflation-adjusted defense spending flat at best. After Oct. 7, flat puts us at risk.

The U.S. has fallen below an adequate level of readiness in almost every area—weapons systems and inventories, troop levels and recruitment, ships and airplanes, training rotations, the aging of the nuclear deterrent.

These dilemmas consume hours of pondering and planning by Pentagon analysts. The Israel-Hamas war makes clear the pondering is over among our adversaries. It would be naive to think that Tehran, Beijing, Moscow and possibly Pyongyang aren't right now comparing notes on how to exploit the U.S. security nightmares Iran has just created in the Middle East.

That the U.S. needs real leadership in its next presi-

true and needs repeating. A But as in 1941, events have Republican presidential contest that had become desultory has been rebooted by events in the Middle East.

The Democrats' legal assault on Mr. Trump looked as if it had handed him the nomination. But it's by no means clear that the former president is the right person to lead the country through what lies ahead.

Mr. Trump produced a largely credible foreign policy, but he has since become impossibly variable. His criticism of Mr. Netanyahu over a 2020 incident hours after the massacre was an incompre-

The Hamas crisis is a sudden opportunity for Nikki Haley and Mike Pence.

hensibly wrong note. Mr. Trump's head currently is in too many disparate places, and that won't get better. It has become a risk factor.

The candidates for whom the Israeli crisis and its broader implications create an opening are Nikki Haley and Mike Pence. They are the only two other GOP contenders with credible foreign-policy experience.

Ron DeSantis's remarks on foreign policy always seem targeted at some constituency. He spent this week bogged down in a marginal argument with Ms. Haley over refugees from the Middle East. He looks determined to hold onto the Trump-Ramaswamy isoladent is a cliché because it's tionist faction in the party.

isolated the isolationists. Chris Christie and Doug Burgum have been running on their state experience, and Tim Scott's appeal is domestic and cultural issues.

The tectonic plates of global politics have shifted beneath this campaign. The next U.S. president should be able to explain in detail the country's national-security needs, including the tradeoffs, such as the reality that long-term entitlement spending has to be on the table.

Ms. Haley has shown she can do that. If former Vice President Pence is ever going to play to his proven strength and make the case for a Reaganite foreign policy, the time is now.

An ABC/Ipsos poll taken after the Hamas massacre put public support for Mr. Biden's handling of the crisis at a startling 41%. The public simply has lost faith in his competence. We'll find out soon enough how much this crisis alters the Biden pattern.

In a national-security crisis, what a nation needs from its leaders is experience, focus and stamina. Former chess champion Garry Kasparov recently floated in these pages the idea of Mr. Biden's ceding the Democratic nomination to Defense Secretary Lloyd Austin, a retired fourstar Army general.

However improbable, as of Oct. 7 an Austin candidacy would be a problem for Republicans. There's still time for GOP voters to figure out what their party, and the country, is going to need in a president, now and for a very long time.

Write henninger@wsj.com.

The Unmaking of the Republican Majority

By Karl Rove

he Republican calamity continues. As I write, the House is still without a speaker more than two weeks after Kevin McCarthy was deposed by Rep. Matt Gaetz's band of political arsonists. Ohio Rep. Jim Jordan hasn't yet persuaded, cajoled, enticed or threatened his way to 217 votes. He may not get there.

It will be ironic if Mr. Jordan wins: The founder of the House GOP's Freedom Caucus must then become the unifier in chief. A man who during 16 years in Congress has never passed a bill would have to become a master legislator. A politician who gained power by bullying others would have to learn to persuade and energize them. He would find quickly that making demands in Washington has limits—as does anyone stuck with the speaker's job. Mr. Jordan also has a fondness for government shutdowns. If he's elected speaker, will he champion one even though the GOP's four-seat House majority depends on 14 Republicans from districts Joe Biden carried in 2020, six of which are in New York or California? And how well will Mr. Jordan, a former right-wing hell-raiser, do at recruiting good candidates and raising the funds necessary to elect them? I'd bet not nearly as well as Mr. McCarthy.

If he does end up speaker, Mr. Jordan should fulfill his promise to return power to committees and operate under regular order, in which committees create and put forward legislation rather than party leadership ramming bills down members' throats. He needs to stand by that promise even if a Republican committee majority approves budget bills he disagrees with, or brings to the

The only hopeful sign for the party is that the public dislikes the Democrats too.

and a worthy cause in theory, but this will go nowhere-especially as an ultimatum from a loudmouth who blocked single-subject appropriations bills when Speaker McCarthy was trying to move legislation that way.

Since the GOP holds only the House, and by only a bare margin, the next Republican speaker must set priorities, focus on the possible, aim for incremental and changes that bend government toward conservative principles. A Freedom Caucus backbencher can demand purity from GOP leadership. But a speaker must aim for the 44% to 36%. This suggests maximum reasonable advance in a conservative di- sues as crime and immigrarection, not act as if he controls Washington with his gavel. Republican Anv new speaker must be careful about substituting his opinions for those of the House GOP membership writ large. He can try persuading, but given the disunity and anger in the House Republican Caucus, he can no more dictate to them than to President Biden or Senate Majority Leader Chuck Schumer. Still, for all the Republicans' problems, there's hope: Americans don't like Democrats either. A Sept. 23 Gallup poll found 56% gave the GOP an unfavorable rating while 58% rated Democrats unfavorably. The saving grace for Republicans is that on big issues, Americans

spending bills." Nice thought pick the GOP by a large margin.

On which party "will do a better job of keeping the country prosperous," Americans said Republicans by 53% to 39%, the GOP's largest lead on this issue since mid-1991. When asked which party "will do a better job of protecting the country from international terrorism and military threats," Republicans lead Democrats by an even wider margin, 57% to 35%.

Even when voters were asked which party would do a better job "handling the problem you think is most important," Republicans lead the GOP's views on such is tion are winners and that the Democratic approach on abortion may not be the surefire hit they think.

BOOKSHELF | By Tim Blanning

A Fast But **Fateful Fight**

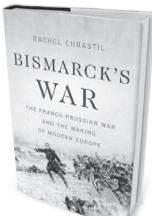
Bismarck's War

By Rachel Chrastil (Basic, 512 pages, \$35)

wo brothers had left; only one returned," writes Rachel Chrastil. The survivor was Dietrich von

Lassberg, a 22-year-old subaltern in the Bavarian army. A year earlier he had exulted in his diary: "War! War with France!" The brother who died was Rudolf, shot in the head in a battle outside Orléans in November 1870. On Christmas Eve, Dietrich sat around the campfire in silent misery, drinking hot grog from a tin cup, dreaming of his family back in Munich, and pondering the "shadow side and horror" of war. In "Bismarck's War: The Franco-Prussian War and the Making of Modern Europe," Ms. Chrastil, a historian at Xavier University, deftly uses Dietrich's diary and other sources to enliven her larger analysis of the war's origins and progress.

Although the six-month Franco-Prussian War was among the shortest of all major European conflicts, it brought Dietrich and his comrades sights that robbed them of any temptation to triumphalism. The war's combination of



lethal new weapons (breechloading rifles, machine guns, steel cannon) and huge armies left mountains of dead and hordes of permanently mutilated wounded: In the murderous engagement at Gravelotte in August 1870, the Prussians lost twice as many men as they had during the entire Austro-Prussian War of 1866.

By July 1870 Prussia's chief minister, Otto von Bismarck, had deftly maneuvered France into declaring a war that he was confident the Prussian-led

alliance would win; the spoils of victory would be Germany's unification on Prussian terms. After a brief incursion across the frontier at Saarbrücken, the French took up defensive positions. They were quickly dislodged by three limited if bloody August battles, two in Alsace at Wissembourg and Wörth and one further north at Spicheren. Major catastrophes quickly followed, as one French army was surrounded and besieged at Metz and another was surrounded and forced to capitulate at Sedan on Sept 2.

The famous defeat at Sedan proved to be more than military, for the French commander was none other than the emperor, Napoleon III. His capture precipitated a swift and nearly instantaneous revolution in Paris and the collapse of the Second Empire. Explaining how it was possible for a great power to implode in less than a month, Ms. Chrastil follows most previous historians of the war in assigning most of the blame to the emperor.

Although it was Napoleon III's political coup d'état of 1851 that Karl Marx had in mind when he observed that history repeats itself as tragedy and then as farce, the events of 1870 would have been as appropriate. Napoleon III was a sick man when the war began, in agonizing pain from a gallstone. He should never have been allowed anywhere near the front, but such was the growing fragility of his regime that he felt he had to gamble on achieving a personal triumph. And he lost, not just a battle and army but a throne too, slinking off to exile in England (the ultimate humiliation for a Bonaparte).

The French lost the Franco-Prussian War because the best efforts of their courageous troops were frustrated by what Ms. Chrastil calls "strikingly weary and incompetent commanders, all reporting to an exhausted and enervated Napoleon III." As for the Prussians, the author allows that "they were better organized, had a better military education and had more manpower" but is at pains to bring out their limitations and mistakes. She also stresses how

floor measures to provide aid to Israel, Ukraine and Taiwan, tied with more funding for border security. Looking at his record, one wonders if Mr. Jordan will say regular order is proper only so long as it conforms to the views of the Freedom Caucus. Will a disrupter like him allow the House to pass measures backed only by Republicans? Or bills on which both Democrats and Republicans might agree?

The inestimable Rep. Matt Gaetz, who gave America this period of instability and Republicans a PR disaster that could cost them their slim majority in 2024, said this week that "we should put a demand on the Senate to single-subject pass our

While no speaker vote will rescue House Republicans from their current troubles, they still have some things working in their favor. To keep their majority, Republicans must aim for incremenprogress. Americans tal aren't likely to reward a party that displays contempt for the hard, slow work of coalition building and gov-You can't blame erning. them.

Mr. Rove helped organize the political-action committee American Crossroads and is author of "The Triumph of William McKinlev" (Simon & Schuster. 2015).

School Choice Is Coming to Louisiana

By Corey DeAngelis

ouisiana was once a pioneer in school choice. After Hurricane Katrina in 2005, New Orleans rebuilt its schools as an allcharter system. The state enacted private-school а voucher program in 2008. when Bobby Jindal was governor-one of the first states to establish private-school choice statewide.

But Gov. John Bel Edwards, a Democrat, has stood in the way since he took office in 2016. Last year he vetoed two bills that would have allowed all families with children who weren't reading at grade level or had special needs to take their statefunded education dollars to schools of their choice.

This year the Republicancontrolled state House passed an even more expansive in January.

school choice proposal-one that would be available to all families, regardless of needby a 61-37 vote. Although the bill had bipartisan support, it takes two-thirds of each legislative chamber to override a veto. The Senate never took it up

Once a pioneer, the state is about to catch up under Jeff Landry, its new governor.

But Mr. Edwards is termlimited, and on Saturday the state elected Republican Jeff Landry, a school-choice supporter, to succeed him. Mr. Landry received nearly 52% of the vote in a 14-candidate open primary. He takes office

website says that "no child should be trapped in a failing school" and that "if a school cannot adequately educate its made gains in the Legislastudents. those students should be given the ability to obtain an education that is worthy of the commitment we have made to them." He supported school choice long before the movement's recent surge in momentum, fueled by Covid-era school closings and online lessons that alerted parents to curricula that offend their values.

As a U.S. representative (2011-13), Mr. Landry voted to reauthorize the District of Columbia's private-school voucher program. During his 2010 congressional campaign, his website stated that "we need to adopt policies that fellow at the American Federempower parents to make decisions about their own

Mr. Landry's campaign home school, charter schools, church-based schools and other alternatives."

> Choice supporters also ture. "We now have a supermajority of school choice supporters in the Senate and are only a couple votes shy of a supermajority in the House," says Kelli Bottger of Louisiana Kids Matter.

> A Morning Consult poll finds that 68% of adults and 75% of parents with schoolaged children in Louisiana support education savings accounts. Ten other states have passed universal school choice since 2021. With Mr. Landry's victory, look for Louisiana to become the 11th.

Mr. DeAngelis is a senior ation for Children and a visiting fellow at Stanford Unichild's education-including versity's Hoover Institution.

Prussia's military victory led to German unification and the collapse of the Second French Empire.

small was the margin separating success from failure: If only the French had done this or that or the other, she conjectures, all might have been very different.

While this subjunctive exercise can be a useful corrective to the triumphalist narrative of German nationalist historians, here it is perhaps taken too far. Once every reservation has been noted, the fact remains that the Prussian chief of staff. Helmuth von Moltke, brought off a series of dazzling victories that changed European history. Napoleon III's uncle, the great Napoleon, is said to have asked, when a subordinate was proposed for promotion: "I know he's a good general, but is he lucky?" Moltke was certainly lucky, but he was also brilliant.

Ms. Chrastil does her best to keep the momentum going after the drama at Sedan, when a slogging war of attrition developed, but the pace slackens as one inconsequential engagement follows another. Paris was surrounded by the end of September and a long and increasingly terrible siege began, made all the worse by an unusually severe winter. As starvation intensified, even the zoo animals were slaughtered and eaten, including the two elephants, Castor and Pollux.

Outside the capital there was plenty of horror still to come, as counterproductive resistance from partisan francs*tireurs* was crushed by equally counterproductive reprisals from the German invaders. At the German occupiers headquarters at Versailles, on Jan. 18, 1871, the German princes proclaimed Wilhelm of Prussia the first emperor of a united Germany. ("Mad" King Ludwig II of Bayaria provided evidence of his basic sanity by refusing to attend.) A week later an armistice was signed, and the war came to an end—so far as the Germans were concerned, although a civil war erupted in Paris in March.

This is a most engaging book, distinguished by sharp insight, powerful characterization and a strong narrative flow. It is the best modern account of the war and deserves to stand with Sir Michael Howard's classic study of 1961. Howard closed by observing that "Germany's magnificent and well-deserved victory was, in a profound and unforeseeable sense, a disaster: for herself, and for the entire world." Rachel Chrastil's assessment is equally bleak: "The Franco-Prussian War did not create the atrocities of the World Wars, but it made them more thinkable and created their possibility."

Mr. Blanning is emeritus professor of modern European history at the University of Cambridge. He is the author of "Frederick the Great: King of Prussia," among other books.

REVIEW & OUTLOOK

Hamas's Hospital Lie and the Laws of War

resident Biden's speech in Israel Wednesday told the world two truths it needed to hear: The tragic deaths out-

side a Gaza hospital were caused by a Palestinian rocket. and the U.S. hasn't wavered in its solidarity with Israel. The President kept the focus where it should be-on Hamas's gross violations of

the laws of war. These are now being misconstrued to tie Israel's hands, with consequences for the West at large.

"The world will know that Israel is stronger than ever," Mr. Biden said, announcing that he will "keep Iron Dome fully supplied" to shoot down rocket attacks on Israeli civilians and ask Congress for an "unprecedented support package." U.S. support for Israel's defense will survive Hamas's propaganda campaign about the hospital blast.

At first the media took Hamas at its word: 500 dead from an Israeli strike. The BBC explained on air that the Israelis "said they are investigating, but it is hard to see what else this could be, really, given the size of the explosion, other than an Israeli airstrike, or several airstrikes."

Headlines have since changed, but the world received the story essentially as Rep. Rashida Tlaib (D., Mich.) put it on Twitter: "Israel just bombed the Baptist Hospital killing 500 Palestinians (doctors, children, patients) just like that." She also blamed Mr. Biden for not coercing Israel into a cease-fire, as Hamas would no doubt like to see.

We can now have confidence that the initial story was false. A White House National Security Council spokesman confirms that its "current assessment, based on analysis of overhead imagery, intercepts and open source information, is that Israel is not responsible for the explosion at the hospital in Gaza." Israeli drone footage and an intercept of a call between Hamas members add to the evidence.

"I am telling you this is the first time we see a missile like this falling, and so that's why we are saying it belongs to Palestinian Islamic Jihad," one Hamas member began.

"It's from us?" the other answered.

"It looks like it. They are saying that the shrapnel from the missile is local shrapnel and not like Israeli shrapnel."

Video from Al Jazeera, hardly an Israelfriendly source, caught the trajectory of one such rocket. Launched from Gaza, it went badly astray, seemed to shoot off shrapnel, and landed within Gaza right about the time reports emerged of an impact at the hospital.

The jihadists directly target civilians. Israel and the West don't.

Hamas blamed the attack on Israel, but its story doesn't add up. Any observer can now see the hospital is still standing. Instead, the parking lot outside has been hit, with much evidence of fire damage but not the impact cra-

that fell before using up its accelerant.

Hamas may still call this a success: Its propaganda held up long enough to set the Middle East ablaze. An angry mob took to the Ramallah streets to protest Mahmoud Abbas, president of the Palestinian Authority, for not doing enough to help Hamas. A mob tried to storm the Israeli embassy in Jordan.

Mr. Abbas and Jordan's King Abdullah, who receives more than \$1 billion in annual U.S. aid, canceled a meeting with Mr. Biden over the hospital blast. On Wednesday the U.S. intercepted two attack drones targeting an Iraqi air base where U.S. troops are located.

Which brings us to the larger context regarding the laws of war and casualties. There are two bedrock principles in war that civilized nations developed over centuries. The first is that you can't target civilians. On that standard every Hamas, Islamic Jihad and Hezbollah rocket attack on Israel is a war crime. They are aimed at cities with the hope of falling on an unlucky cafe or home.

The second principle is proportionality, which is that incidental casualties have to be balanced against the war aims. This is based on the expectation that in any war there will be some innocents killed, but that they must be related to the goals of self-defense. The standard isn't zero casualties, which is impossible. It's as few as possible consistent with defeating the enemy.

Yet the Western left has been moving to a standard that any civilian casualties in war are too many. If that is the law of war, then Israel would be denied the right of self-defense to destroy an enemy embedded in schools, mosques or dense urban neighborhoods. Under that standard, no Western nation, including the U.S., would be able to strike back against terrorists if civilians might be killed.

Those aren't the laws of war; they're the laws of Western unilateral disarmament. Israel deserves U.S. support for its much-lied-about way of war, in addition to its just cause.

Glenn Youngkin's Plan to Save Gas Cars

Voters in Virginia will

decide if the GOP can

repeal an EV mandate.

irginia's odd-vear statehouse elections are now less than three weeks away, and

all about abortion. That's because Gov. Glenn Youngkin has a strong approval rating, and they'd prefer not to talk about the popular things he could do if Republicans win unified control of Richmond.

cide whether the Old Dominion barrels down the speedway to banning gas-powered cars. Two years ago Democrats in the General Assembly passed a law to adopt California's vehicle-emissions standards. Signed by then-Democratic Gov. Ralph Northam, it essentially lets progressive regulators on the California Air Resources Board (CARB) dictate the kinds of cars Virginians can drive. Under the federal Clean Air Act, California is allowed to set its own standards for tailpipe pollutants, which other states may follow. The Environmental Protection Agency under Presidents Obama and Biden has interpreted this authority broadly, and last year CARB declared sales of new internal-combustion engine cars would be banned in the Golden State by 2035. EVs must make up 35% of auto makers' sales by 2026 and 68% by 2030. Under Mr. Northam's law, Virginia is obligated to follow its mandates.

Virginia's roads, though they were about 10% of the state's sales for the first quarter of this year. Democrats want to make the argument Here's the rub: Tesla currently makes up most

EV sales. If this trend continues, other auto makers may soon have to reduce deliveries of gas-powered cars to meet the mandate.

Democrats say the policy will increase consumer choice, For example, the result next month could de- but unsold EVs are already piling up on dealer lots. The mandate will limit choices for Virgin ians who want gas cars, and they may pay higher prices due to restricted supply. Mr. Youngkin, who understands economics, is pushing to undo the 2021 law. This year the House of Delegates passed a repeal bill, but Democratic state Sen. Monty Mason blocked it from getting out of his committee. At the moment Democrats hold a narrow majority in the Senate, and Mr. Mason is running for reelection in a competitive district around Williamsburg. Mr. Youngkin carried the district by 3.4 points in 2021. Mr. Mason, like the rest of his party, is running on abortion, and he claims his GOP opponent, Danny Diggs, is extreme for supporting Mr. Youngkin's proposed 15-week ban. Yet how is it not extreme to outlaw sales of the gas cars that 99.5% of Virginians still drive? If voters want to go another route, Mr. Youngkin and Republicans are ready to hop in the driver's seat.

LETTERS TO THE EDITOR

Realtors Respond on the Antitrust Court Case

Your editorial "Realtors Face an Antitrust Reckoning" (Oct. 16) mischaracterizes what is at stake for consumers in Burnett v. National Association of Realtors. Don't fall for the hype by class-action attorneys about how local multiple-listing service (MLS) broker marketplaces work.

In response to the marketplace, and at the urging of consumer advocates, the National Association of Realtors has developed guidance for local MLS broker marketplaces. It is part of a very public rule-making process aimed at creating the most consumer-friendly market possible.

These virtual marketplaces are efficient, transparent and accurate because of cooperation among real-estate professionals. Listing brokers make offers of compensation to buyer brokers, who bring buyers to the table. Those offers can be of any amount, even zero, and the National Association of Realtors doesn't tell practitioners what to charge

the brokers and their clients and is always negotiable. According to Real Trends, commissions rates are well below where they were in the 1990s.

Realtors deliver a lot of value for the \$50,000 they make annually, on average, as they guide consumers through all the legal, financial and community complexities of buying a home. Class-action attorneys would take away buyer representation, and black, Hispanic/Latino, first-time and low- and middle-income buyers would be hurt the most, according to a May 2022 study.

The National Association of Realtors looks out for consumers with its rules for local MLS broker marketplaces. In reality, the market—and hence the consumer—is in the driver's seat when it comes to realestate commissions. That will all be evident as the National Association of Realtors makes its case in court. **TRACY KASPER**

President, National Association of Realtors Caldwell, Idaho

That compensation is set between

Why Did Harvard Students Cheer on Hamas?

I am a senior at Harvard College. Harvard President Claudine Gay's assertion that "no student group-not even 30 student groups—speaks for Harvard University or its leadership" is an understatement ("Harvard Shrugs at Jew-Hatred" by J.J. Kimche, op-ed, Oct. 11).

The morally bankrupt claims made by these groups are not representative of many of their members. They used theirs. Harvard's and their members' names to lend credence to their outrageous claims. These statements were published by organization leaders, often without serious debate or voting by members. Just as Hamas is not representative of all Palestinians, the radicals responsible for the letters are not representative of all members. Shame on them for co-opting and misrepresenting their voices.

MUKUND VENKATAKRISHNAN Cambridge, Mass.

Is Harvard worthy of donor support? More than 30 Harvard student organizations signed a statement that excused Hamas's recent butchery in Israel. To them, the fault lies solely with Israel. That is horrible enough, but worse was the university's tepid reaction to the events.

Harvard, at least initially, didn't condemn the letter or Hamas, and one might reasonably presume that its top administrators are sympathetic to the students' warped perspective. Such moral callowness has been criticized by many, including former Harvard President Larry Summers, who wrote: "In nearly 50 years of @Harvard affiliation. I have never been as disillu-

Thatcher's 'Iron Lady':

sioned and alienated as I am today." Odious speech is protected by the First Amendment, but there is a price to pay for such egregious anti-Semitic antics. Some students who will be looking for jobs outside academia realize their actions might make them

less employable and are trying to distance themselves from the letter. Harvard likely will emerge from

this relatively unscathed unless donors decide that it is time to stop supporting such pernicious behavior. HOWARD LANDIS Naples, Fla.

Mr. Kimche describes how "a collection of some 30 student groups" not only "failed to condemn this protogenocide" perpetrated by Hamas, but "justified and celebrated it." In recent months. Harvard administrators have bemoaned how the recent Supreme Court decision on affirmative action has threatened the preservation of diversity in the admissions process.

Perhaps its administrators should be more concerned with how to modify the school's admissions process to ensure that students lacking a basic moral compass are rejected. WILLIAM J. ROBBINS

White Plains, N.Y.

In 1939, prior to the entry of the U.S. into World War II, thousands of American citizens, many of them members of the German-American Bund, rallied in support of Nazi Germany, but once Germany's intentions became undeniably clear, this ended.

But after the slaughter of more than 1.000 innocent Jews (including 30 Americans), students at Harvard, Columbia, Stanford and other elite universities rallied in favor of the perpetrators, as did many on the streets of American cities.

ter typical of Israeli airstrikes. The signs point to a long-range rocket from Gaza

Electric vehicles are less than 0.5% of cars on

Banning Zuckerbucks Isn't About Trump

ouisiana is the latest state to restrict private funding for elections, after voters on Saturday backed a constitutional amendment, 73% to 27%. Grants to election administrators are often referred to as Zuckerbucks, after the millions that Facebook impresario Mark Zuckerberg poured into the pandemic voting of 2020. To Donald Trump, it was a case of election rigging.

But it's unlikely that Mr. Zuckerberg's money mattered to the outcome, and a new academic study circulating among election analysts argues exactly that. "While counties that favor Democrats were much more likely to apply for a grant, we find that the grants did not have a noticeable effect on the presidential election," write Apoorva Lal and Daniel Thompson, the latter of whom is a political-science professor at the University of California, Los Angeles.

"The average effect of receiving a grant on Democratic vote share," they estimate, ranges "from 0.02 percentage points to 0.36 percentage points." Their figures for increased turnout are smaller still. Since such funding was received by "only a subset of counties," they say, such effects look too minor to flip statewide outcomes. Mr. Trump lost to President Biden in Georgia by 0.24 points, Arizona by 0.31, Wisconsin by 0.64, and Pennsylvania by 1.18. To win the Electoral College, he needed three of those states.

This isn't a novel result. A conservative group in Wisconsin previously estimated that Zuckerbucks might have boosted Mr. Biden's tally there by 8,000 votes. Mr. Trump lost the state by 20,682. A more telling fact is that he lagged Wisconsin's five GOP congressmen by 63,547. Keep in mind that the Zuckerbucks debate isn't about fraud, but whether some places had more resources to assist real, legitimate voters.

Another point is that the outfit bankrolled by Mr. Zuckerberg wrote sizable checks to states safely in Mr. Biden's column, such as \$19,294,627 to New York City. It also sent money to Trumpy areas, such as DeSoto County, Miss., which took \$347,752 and spent it on Covid shields, more voting machines, and extra workers.

Nevertheless, there's no guarantee of what future partisans might do. Neither political party should want an arms race of private donations to top up the budgets of nonpartisan government election offices in the counties most favorable to each side. That kind of thing could determine a closer presidential race, such as what the country suffered in 2000, when George W. Bush defeated Al Gore by 537 ballots in Florida.

Elections should be run using public money. Private funding is one of those bizarre pandemic ventures that should never be repeated. It isn't why Mr. Trump lost, but Louisiana and other states are right to chuck the Zuckerbuck.

An Insult-Turned-Asset

Jim Rule points out in an Oct. 13 letter that "Teflon president" was intended to be an insulting jibe, but President Ronald Reagan was far from the only politician to turn an insult into an asset. Prime Minister Margaret Thatcher proudly enjoyed the sobriquet "the Iron Lady," but it is often forgotten that the name was intended to be pejorative.

Ironically enough for an implacable enemy of communism, Thatcher was dubbed "the Iron Lady" by a Soviet journalist. Yuri Gavrilov coined it when writing in the Soviet military's Red Star newspaper in 1976 in response to a foreign-policy speech in which Mrs. Thatcher denounced the Soviet Union as bent on world domination.

The name was meant to mock the prime minister, whom the author thought was obsessed with the Iron Curtain. But Thatcher seized on the title as proof of her resolute will. She started using it herself within a week: "I stand before you tonight in my Red Star chiffon evening gown, my face softly made up and my fair hair gently waved, the Iron Lady of the Western world."

If your enemies are annoyed, you must be doing something right. Why not needle them with their own words?

> **ROBERT FRAZER** Salford, U.K.

Bitcoin's Backing Is Dubious

An Oct. 12 letter asks "What Backs the U.S. Dollar?" The answer is the full faith and credit of the U.S. government.

I know some people might think that is questionable, but it goes a lot further than whatever is backing bitcoin.

DAL COGER Medford, Mass.

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.

PAUL SNITZER Devon, Pa

I received the mass email sent to Harvard alumni by President Gay, addressing the war in Israel. One line was especially notable: "It's in the exercise of our freedom to speak that we reveal our characters." Well said. Harvard's character has been revealed.

JEFFREY H. DEAN Seattle

Trump's Hezbollah Message

While not exactly a Trump partisan I'm happy to oblige your editorial's request that someone decipher Donald Trump's remarks on Hezbollah and China ("Donald Trump's Israeli War Insight." Oct. 13).

Though they may be couched in a New York street argot, he is saying that the enemies of Western civilization are clever, cunning, implacable and relentless.

That sounds like a message that could benefit those leading the country at this perilous moment.

> TOM PARONIS Brooklyn, N.Y.

Pepper ... And Salt

THE WALL STREET JOURNAL



"We're not calling it a divorce. We're saying our marriage was cancelled."

Dostoevsky Knew: It Can Happen Here

By Gary Saul Morson

s I read about Harvard students demonstrating in favor of Hamas and educated people proclaiming that "decolonization" should be pursued "by any means necessary," I thought of Dostoevsky's reaction, a century and a half ago, to atrocities committed by the Ottomans as they suppressed uprisings among their Slavic subjects. This was a case, apparently unknown to today's "decolonizers," in which a Muslim empire persecuted colonized Christians.

The European press was then filled with reports that now seem familiar. Whole families were wiped out; women raped and tortured; living people humiliated and corpses abused; children slowly murdered be-

Some people who cheer atrocities would surely be capable of committing them given an opportunity.

fore their parents' eyes; and, in one case that particularly shocked Dostoevsky, a young child forced to watch her father being flayed alive "completely." The child, Dostoevsky reported, was being cared for in Russia, where she repeatedly fainted as she recalled what she witnessed.

If it seems that only uncivilized people could be such sadists, Dostoevsky cautions, know that the same thing could happen among civilized Europeans as well. "For the moment it is still against the law," he writes, "but were it to depend on us, per-

haps, nothing would stop us despite all our civilization."

For the time being, "people are simply intimidated by some sort of habit," Dostoevsky continues, but if some progressive expert were to come up with a theory showing that sometimes flaying skins can benefit the right cause because "the end justifies any means," and if that expert were to express his view "using the appropriate style," then, "believe me," there would be respectable people among us "willing to carry out the idea." Despite our sophistication and professions of compassion, "all that's needed is for some new fad to appear and people would be instantly transformed." Not everyone, of course, but the number of adherents of the new fad would grow while others would be afraid, or embarrassed, to cling to old ideas. And then, "where would we find ourselves: among the flayed or among the flayers?"

After 9/11, it turned out that terrorists were often well-off and well-educated. Cruelty often thrives among the sophisticated. Dostoevsky recalls the French terror, when people were humiliated and murdered in the name of the highest principles—"and this after Rousseau and Voltaire!" We know, as Dostoevsky could only suppose, that during the Stalinist terrors millions were routinely tortured in the most degrading way possible; and that during the collectivization of agriculture, millions more were deliberately starved to death, with young Bolshevik idealists brought in to enforce the famine and take bits of food away from bloated children. In the West, intellectuals justified such behavior because it was done in the name of socialism and anti-imperialism.

Dostoevsky adds that there is no



An anti-Israel protest in New York Oct. 13.

need to resort to examples from the past because the same dynamic can occur in any place at any time that allows the dark side of human nature to show itself, clad in the language of whatever passes for progressive and enlightened. "Believe me," Dostoevsky addresses his readers, "the most complete aberration of human hearts and minds is always possible."

It is a terrible mistake to imagine that thuggish deeds are performed only by thugs. Recalling his own early career as a revolutionist, Dostoevsky maintains that his group, which could readily have performed the most terrible acts, was composed of sophisticated people with the Russian equivalent of Ivy League educations. But despite regarding themselves as a cultured elite—or perhaps because they did—few "of us . . . could resist that well-known cycle of ideas and concepts that had taken such a firm hold on young society." Then it was "theoretical socialism," but it could have been anything, and there is no good reason to "think that even murder . . . would have stopped us—not all of us, of course, but at least some of us . . . surrounded by doctrines that had captured our souls."

Dostoevsky recalls that in his novel "The Possessed," he showed how even the most innocent hearts can be drawn into committing monstrous deeds and feeling proud to have committed them. "And therein lies the real horror: that . . . one can commit the foulest and most villainous act without in the least being a villain! And this happens . . . all over the world, since time began." "The possibility of considering oneself and sometimes even being, in fact an honorable person while committing obvious and undeniable villainy," he adds, is a possibility we overlook at our own peril.

A century later, Alexander Solzhenitsyn, contemplating the idealist Russians who joined in torture and the enlightened Western intellectuals who whitewashed it, asked why Shakespeare's villains murdered only a few people while the Bolsheviks killed millions. To answer this question, he reflects, one must grasp that no one thinks of himself as evil. To perform evil deeds a person must discover "a justification for his actions," so that he can regard stealing, humiliating and killing as good. 'Macbeth's self-justifications were feeble," and so conscience restrained him. He had no ideology, Solzhenitsyn observes, nothing like "anti-imperialism" or "decolonization" to allay pangs of guilt. Solzhenitsyn concludes: "Ideology-that is what gives evil-doing its long-sought justification and gives the evil-doer the necessary steadfastness and determination . . . so that he won't hear reproaches and curses but receive praise and honors."

I have heard commentators worried that cancel culture and suppression of diverse opinions might lead to a "soft totalitarianism." If only. We need to recognize that some of those who justify Hamas's atrocities would be ready to perform them against their designated enemies. And unlike Dostoevsky's Turks or today's Hamas, they would have high-tech means at their disposal to extend their reach. I fear that the horrors of the 20th century may prove only a foretaste of much worse in the near future.

Mr. Morson is a professor of Slavic languages and literatures at Northwestern University.

The Media, Like the Terrorists, Aim at Israel and Miss

By Elliot Kaufman

I t was a lie. Hamas said Tuesday that an Israeli airstrike on a Gaza City hospital killed at least 500 Palestinians. Turns out it wasn't Israeli, it wasn't an airstrike, it didn't hit the hospital, nowhere close to 500 people were killed, and Hamas knew it.

This has been confirmed independently by the Pentagon, according to President Biden and the National Security Council; by an intercept and drone and radar footage released by the Israeli military; and perhaps most persuasively by looking at the hospital in daylight. The evidence indicates that a rocket launched by Palestinian Islamic Jihad is the likely culprit.

The question is why the media and so many others ran with the story of Israeli war crimes. They did so on nothing but the word of the jihadist group that committed the largest mass slaughter of Jews since the Holocaust.

"Israeli Strike Kills Hundreds in

can seek medical treatment and shelter during a war is horrific. @POTUS needs to push for an immediate ceasefire to end this slaughter."

The trend everywhere was to let Hamas drive the story, leading readers astray. "BREAKING: The Gaza Health Ministry says at least 500 people killed in an explosion at a hospital that it says was caused by an Israeli airstrike," the Associated Press wrote in a tweet seen 13 million times. The Gaza Health Ministry is controlled by Hamas. The AP's subsequent clarification that Israel attributed the strike to a Palestinian rocket has fewer than 200,000 views. But the friendly-fire explanation should always have been plausible and held out as a possibility. Israel doesn't target hospitals, and it had already counted some 450 Palestinian

rockets that fell inside Gaza. What actually happened? The Israel Defense Forces say that Palestinian Islamic Jihad began a barrage of 10 rockets at Israeli cities at 6:50 p.m. local time Tuesday. This is confirmed by live video, including on Al Jazeera, which shows one rocket malfunctioning and crashing in Gaza at 6:59 p.m.—the same time reports emerged of a blast near the hospital. Israel's Channel 12, an independent commercial station, caught it on video, too. Israel says it carried out no attacks at that time. Gazans near the hospital reportedly complained about the distinct shriek of rocket launches.

Soon after, Hamas fighters discussed what had happened. We know this because—in a rare move that reflects the stakes here—Israel released a recording of an intercepted phone call between two Hamas members:

The Arab street has a new blood libel: that Jews slaughter Palestinians in their hospitals.

"I am telling you this is the first time we see a missile like this falling, and so that's why we are saying [it] belongs to Palestinian Islamic Jihad."

"It's from us?"

"It looks like it. They are saying

With morning came clear sight of the hospital—which hadn't sustained structural damage. Instead, it could be seen that the blast had occurred in the parking lot, and had set off a large fire, likely from the accelerant of a failed long-range rocket.

The kind of crater that would indicate an Israeli strike is nowhere to be found. We know what those look like, because they are all over Gaza. But not here. Cars as close as 10 yards to the impact sustained no structural damage. Ditto for the nearby buildings. Instead, the vehicles were charred from fire—what you'd expect from a Palestinian rocket.

The situation also makes it implausible that 500 were killed. Hamas reported casualty figures way sooner than it could possibly have known—and that should have been a tip-off that something wasn't right.

But the media bought it and shifted the Western discussion to what Israel had supposedly done rather than what Hamas actually did and what Israel needs to do to defend its citizens. mined to believe the worst of Israel even when it's been disproved. But the larger risk is across the Islamic world. Hamas's lie—and the Western media's propagation of it—brought huge crowds to the streets in Ramallah, Amman, Beirut and Baghdad.

Crowds tried to attack the Israeli Embassy in Jordan and the U.S. Embassy in Lebanon. Moderating Arab leaders were pushed into making hasty statements about "Israeli criminal practices" (Saudi Arabia) and "the Israeli attack that targeted Al Ahli Baptist Hospital" (United Arab Emirates).

These leaders fear their own populations, whose prejudices they know all too well. The rulers could find themselves blamed for strengthening relations with Israel, the hospital killers.

The Arab street has been given a new blood libel: that Jews slaughter Palestinians in their hospitals. That we can be confident it is false, like the 2002 "Jenin massacre," doesn't mean they will ever know that. No matter how this war ends, Islamic Jihad's strike and Hamas's propaganda are likely to feed violence against Jews and Israel—with an assist from the Western press.

Hospital, Palestinians Say," read the initial New York Times headline. Rep. Ilhan Omar (D., Minn.) announced on Twitter: "Bombing a hospital is among the gravest of war crimes. The IDF reportedly blowing up one of the few places the injured and wounded that the shrapnel from the missile is local shrapnel and not like Israeli shrapnel."

"But God bless, it couldn't have found another place to explode?"

"They shot it coming from the cemetery behind the hospital, and it misfired and fell on them." Why? One answer is that opponents of Israel, including many journalists, wanted to believe Hamas's story because it fits their image of Israel as a villain or enemy. And no doubt many in the West are deter-

Mr. Kaufman is the Journal's letters editor.

The Economy Is Great. Why Do Americans Blame Biden?

By Alan S. Blinder

There is a sharp disconnect between the U.S. economy's underlying realities, which are good, and people's attitudes about the economy, which remain sour. Why does President Biden's economic performance get such bad marks when unemployment is near record lows, net jobs are still being created at a breakneck pace, and inflation has fallen notably?

Although the Biden administration can't crow about it, for fear of seeming out of touch, the economy is doing remarkably well. Consumer price index inflation over 12 months, which peaked around 9% in June 2022, has lately been running around 3.5%. The unemployment rate, which was 6.3% when Mr. Biden took office, has now been 4% or lower for 22 consecutive months. Job creation is still running well above the rate needed to absorb la-

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bor force growth. Consumers continue to spend like mad.

Yet the public is down in the mouth about the economy—and they blame Mr. Biden. On one level, this isn't terribly surprising. When the economy does well, Americans give the president more credit than he deserves; and when it performs poorly, they give him too much blame. The question is: Why is this a time for blame rather than credit?

Part of the answer is clear. First, there are always lags in perception. People's evaluation of the economy is backward looking, and inflation was sky high not long ago. Second, many Americans are feeling grumpy about their country these days, and some of that grumpiness rubs off on the economy.

Third, you often hear that not everyone is doing well in this economy. That's true. But it's always true. Even in an exuberant boom, some people are sadly left behind. We have huge inequalities in America. One may wish it weren't so, and in my view we should do more to aid the unfortunate. But in a population of more than 330 million, some people will always be struggling.

Another part of the answer is that lower inflation isn't enough for many people. Rather, they seem to want prices for items such as gasoline and groceries to fall back to where they used to be.

There's a big difference between falling inflation, which we have, and falling prices, which we don't. Inflation is the rate at which average prices are rising. When the Federal Reserve gets the inflation rate down to its 2% target, that will mark a big victory. But prices won't return to their old levels. They will still be rising, albeit slowly.

Here's the problem. While some prices in a modern economy—such as for gasoline and food—do go up

and down a lot, most prices only go up. When these prices rise rapidly, we have high inflation, as happened in 2022. When they rise slowly, we have low inflation, as was normal

Inflation is lower, but some won't be happy until prices come down too. That would be a disaster.

before the pandemic. But the overall price level, which is a weighted average of all prices in the economy, almost never falls.

I said almost never. The price level did fall, quite a bit in fact, during the Great Depression, and briefly during the pandemic recession. It takes a truly sick economy to cause deflation.

Contrast this with the Fed's ef-

forts to engineer a soft landing. That means bringing down inflation, not the price level, with a modest recession or preferably none at all. Chairman Jerome Powell and his fellow central bankers never had any intention of forcing the price level to fall—and they still don't. They know how bad things would have to get to produce deflation.

The problem may be that a lot of the public does not. They long for the lower prices they remember. But they don't think about the severe recession, or even depression, that might be necessary to get back there.

So what's a poor policy maker to do? For the Fed, whose decision makers don't stand for election, the answer is simple: Strive for a soft landing, not for deflation. It will make most people better off and happy about the economy. Besides, that's the central bank's legal mandate: to achieve low inflation and high employment.

For the president and others who must stand for election in a little over a year, it isn't so simple. The hard truth is that other than a miscellany of this and that—such as using the Strategic Petroleum Reserve to push down oil prices and negotiating lower pharmaceutical prices there isn't a lot the president and Congress can do to reduce prices. A deep recession might do the trick, but nobody wants that.

Mr. Blinder is a professor of economics and public affairs at Princeton and a fellow at the Peterson Institute for International Economics. He served as vice chairman of the Federal Reserve, 1994-96.

Robert Thomson Chief Executive Officer, News Corp

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Notable ^d Quotable: Penn

Hedge-fund manager Clifford Asness in an Oct. 16 letter to University of Pennsylvania president Elizabeth Magill:

Yes, this is one of those letters. ... I have long been dismayed at the drift away from true freedom of thought, expression, and speech.... Then, a few weeks ago, Penn's hosting an antisemitic Burning Man festival pushed matters further. I'm 100% for free speech but not asymmetrical free speech where some have it and some don't. Imagine Penn's action if that event was as

anti-anyone else other than Jews!? ... Most distressing to me was your first statement making vague equivalences between the intentional murder of children (and others) by terrorists and the accidental injury to children that sadly occurs when murdering terrorists hide behind children to escape justice.

I've recently finished a large fiveyear pledge to Penn and will not be considering another until... change is evident. I do not like making something like this about money—but it appears to be one of the only paths that has any hope of mattering.

Indian Press Cites Repression

Journalists say Modi administration uses antiterror law to investigate critics

BY TRIPTI LAHIRI AND SHAN LI

NEW DELHI-At about 6:30 a.m., dozens of police fanned out to an office and private homes in India's capital earlier this month. They searched houses and seized books, laptops and phones. They interrogated people. When one of them pressed them for a warrant, he said an officer whispered that the search didn't require oneit was happening under a stringent antiterrorism law.

"I was shocked," said Urmilesh, the subject of the search and a former executive editor of the TV channel of India's upper house of Parliament. The 67-year-old, who uses just one name, watched dumbfounded as police rummaged through his books and journals.

Dozens of people were subjected to the searches. They were all journalists or people associated with an Indian news website called News-Click, known for articles and videos critical of the government of Prime Minister Narendra Modi. The site's founder, Prabir Purkayastha, and its human-resources manager were arrested and are in custody.

Police are investigating allegations that NewsClick, founded in 2009, got funding from groups promoting Chinese propaganda, according to the police complaint and a lawyer for the company. NewsClick denies wrongdoing. "The intent of the Indian authorities is to stifle voices critical of government policies and actions," NewsClick said.

The probe is one of the latest actions taken by authorities in India that have led journalists and rights groups to criticize Modi and his Bharatiya Janata Party for what they say is



Protesters this month gathered in New Delhi to demonstrate against the arrest of NewsClick's founder and an employee.

a more restrictive environment for speech and the press. Many say efforts to silence critics are intensifying ahead of state elections next month and national elections in 2024.

Last week, an official authorized the possible prosecution of Booker Prize-winning novelist Arundhati Roy, a vocal critic of Modi's government, on a police complaint from 2010. Some media outlets, including the BBC, have been investigated by Indian tax authorities after publishing reports that were critical of the government.

Terrorism charges are a whole new dimension of threat to media freedoms," said Sukumar Muralidharan, a former journalism professor based in the city of Gurgaon. It "involves the possibility that these people will not come out of jail for years."

The prime minister's office didn't respond to a request for comment. At a news conference at the White House in June, Modi disputed that freedom of speech and the press are under threat in India. "Democracy is in our veins," he said.

A spokesman for Modi's party said that questions about law-enforcement actions should be directed to the investigating agencies.

The NewsClick investigation came after a New York Times article in August detailed a nonprofit network that it said promoted Chinese propaganda by funding media businesses globally. The story said NewsClick was among the outlets that got financing.

The police complaint identified WorldWide Media Holdings as a nonprofit that contributed some funding to NewsClick. The news site acknowledged receiving some of its funding from the nonprofit but said it disclosed its foreign funding to financial authorities as required by law. The news site denied that it published propaganda or got funding from Chinese entities.

A Wall Street Journal review of NewsClick's content suggests it published articles covering subjects from hunger in Afghanistan to criticisms of Modi policies to India's space program. Some of it reflected left-leaning views and perspectives that aligned with Beijing's political stances. The site says it focuses on coverage of "people's movements and struggles across the country."

The Times said it stands by its reporting, and "nothing in our stories justifies the silencing of journalists."

The raids on NewsClick occurred under a 50-year-old antiterror law that gives authorities broad powers and under which it is extremely difficult to obtain bail. In recent years, authorities have expanded its powers, for example, by allowing them to designate individuals as terrorists.

Some journalists close to Modi's party disagree that the Indian government is intolerant of dissent.

"There's been absolutely no institutional hindrance to the expression of free opinion," said columnist Swapan Dasgupta, a former member of the upper house of Parliament from the party. He said he believes some of the complaints are coming from liberals who were among the journalistic elite for a long time—and who now find themselves without access.

U.S. Lifts Sanctions Against Venezuela

BY KEJAL VYAS AND PATRICIA GARIP

The Biden administration late Wednesday announced the removal of a broad array of sanctions against Venezuela's oil and gas sector in response to a deal between President Nicolás Maduro's authoritarian government and his political opponents that could lead to a presidential election next year.

The U.S. Treasury Department suspended for six months measures against Venezuela that had prohibited financial transactions in the country's energy sector and gold mining industry. The measure also ended a ban on trading Venezuelan government bonds.

Washington could revoke the authorization if the regime doesn't follow through with commitments the opposition hopes will lead to a free and fair vote. "The U.S. government retains the authority to rescind authorizations should the representatives of Maduro fail to follow through on their commitments," the Treasury Department said.

The announcement is the most sweeping reversal yet of sanctions applied largely as part of former President Donald Trump's so-called "maximum pressure" campaign to unseat the Maduro regime, which has been accused by the U.S. and other governments of electionrigging, extensive human rights abuses and corruption.

"This is a 180-degree change in U.S. sanctions policy toward Venezuela," said Geoff Ramsey, who closely tracked the negotiations for the Atlantic Council. "It's going to be crucial for the administration to monitor the government's compliance to ensure that Maduro holds up his end of the bargain."

Under the new guidelines, American and foreign companies will be allowed to produce and export Venezuelan oil and gas and conduct business with state-energy monopoly Petróleos de Venezuela, though transactions with Russian oil companies in Venezuela remain off-limits.

Business with Venezuela's state metals company is also permitted. reopening a goldmining sector that the U.S. had long argued was being used by the regime to loot Venezuela's

Protests in Guatemala Choke Off Exports

By JUAN MONTES

Widespread political protests in Guatemala have engulfed Central America's most-populous nation, with demonstrators closing roads, choking exports and causing shortages of fuel and food.

Indigenous leaders, student groups and unions are demanding the resignation of the country's attorney general, following claims by Presidentelect Bernardo Arévalo that she and other prosecutors are plotting a coup against him. The presidential election Arévalo won by a landslide in August has been marked by judicial challenges and allegations of fraud against him and his party. Arévalo's surprise victory followed a campaign focused on combating endemic corruption.



fused to repress demonstrators. 'They are seeking to remove

a democratically elected leader," said Luis Pacheco, a K'iche' Mayan who represents 48 indigenous poor communities in western Guatemala that are leading protests against Attorney General Consuelo Porras.

The Attorney General's Office says its investigations don't aim to prevent Arevalo from taking office. Protests erupted on Oct. 2, days after prosecutors raided the headquarters of Guatemala's electoral court and seized ballot certificates as part of a criminal inquiry into alleged electoral fraud. The probe relates to the alleged manipulation of the computer system that processed the results of this year's elections, a senior government official said. Guatemalan prosecutors are expected to bring charges soon. he said. Election observers said they found no incidents of fraud or manipulation, and prosecutors haven't presented detailed evidence.

On Monday, protesters left a large dam and water plant serving Guatemala City after occupying it for a week. In Malacatán, near the border with Mexico, a demonstrator

Indigenous people demonstrate in support of President-elect Bernardo Arévalo in Guatemala City.

was killed and two others wounded by unknown gunmen after protesters refused to lift a road blockade, a local fire fighter group said. Road closures have caused

exporters about \$366 million in losses, according to Guatemalan trade group Agexport. Dozens of wholesale food markets and shops in the capital have closed in protest, residents said. Hundreds of demonstrators have occupied the entrance of the Attorney General's Office headquarters.

Guatemala's interior minister resigned Monday after he reremaining riches while causing environmental damage.

In addition, the Treasury greenlighted the trading of Venezuelan government bonds by U.S.-based financial institutions, which the U.S. had previously restricted to close off Maduro's financing options.

Sanctions that the U.S. has leveled against Maduro and high-ranking officials and military officers for alleged crimes that include drug trafficking and looting the oil industry remain in place.

By removing economic sanctions, the U.S. is expecting that the regime will release at least some of the eight Americans jailed in Venezuela.

FRANCE

Three Airports and Palace Evacuated

The Palace of Versailles and three airports in cities across France were evacuated for security reasons and temporarily closed Wednesday, the latest in a spate of evacuations in the past five days around France.

The former roval château of Versailles apologized to visitors for forcing them to evacuate from the sumptuous 17th-century palace "for security reasons." The tourist attraction said on X, formerly Twitter, that it reopened hours later after checks.

Meanwhile three airports in the cities of Lvon. Toulouse and Lille received emailed threats Wednesday, police said, without elaborating. The airports all reopened after security checks.

The threats have so far proved false.

Government spokesman Olivier Veran said the multiple security alerts and evacuations must not grip France with fear. "Vigilance, yes. Fear, no," he said.

-Associated Press

LIBERIA Runoff Is Likely In Presidential Vote

Liberia's presidential election Wednesday appeared headed for a runoff, with the top candidates neck and neck and the votes nearly fully counted.

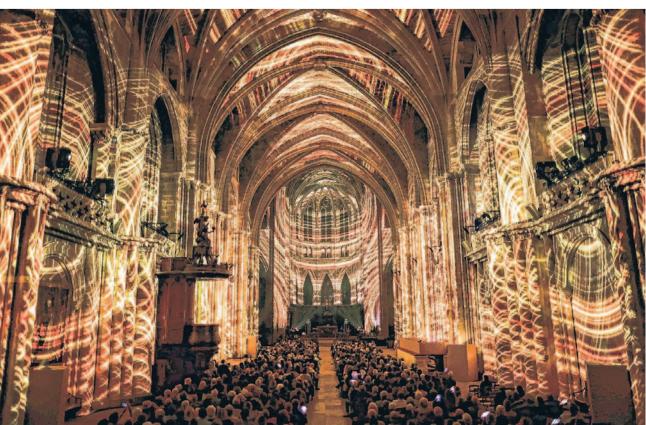
President George Weah, who is seeking a second term, had 43.8% of the vote with his main challenger Joseph Boakai at 43.4%, according to the National Elections Commission. A candidate needs more than 50% of the vote to win.

After the votes from this round are finalized, the runoff will take place within 15 days.

The Oct. 10 election is the tightest in the nearly two decades since the end of the country's civil war that killed some 250,000 people.

The final tally must wait until the end of the week, when re-voting is expected in two places in Nimba county because ballot boxes were stolen, said the commission. Nimba is an opposition stronghold but the outcome won't significantly alter the results or push anyone across the finish line, analysts said. -Associated Press

WORLD WATCH



ILLUMINATING EXPERIENCE: The 'Luminiscence' light show will be performed until Dec. 17 at a cathedral in Bordeaux, France.



S&P 4314.60 ▼ 1.34% **S&P FIN** ▼ 1.70% **S&P IT** ▼ 1.23%

2-YR. TREAS. yield 5.218% NIKKEI (Midday) 31486.54 ▼1.73% See more at WSJ.com/Markets **DJTRANS 7** 3.44% **WSJ\$IDX (**0.29%)



ESPN and TNT carry 165 nationally televised games. The Warriors and Lakers competed in the Western Conference semifinals in May.

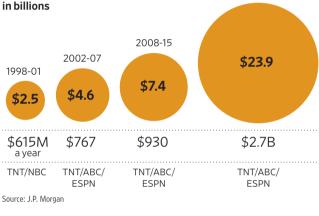
NBA Seeks TV-Rights Deals With More Streaming Firms

League looks to boost fees by luring Amazon, Apple, and offer games locally

BY AMOL SHARMA AND ISABELLA SIMONETTI

The stars of the National Basketball Association are taking to the court as a new season begins next week. Behind the scenes, the league has started talks to secure the billions of dollars in media-rights fees that will help pay their huge salaries.

As the NBA enters its first media negotiations in a decade, its biggest partners, **Disney**'s ESPN and Warner Bros. DisNBA television-rights deals,



Theoretical Number Grips Wall Street

covery's TNT—which together pay \$2.7 billion a year—aren't looking to pony up big spending increases. Each company is under in-

vestor pressure to trim costs, with cable TV's decline and hefty mergers weighing on their balance sheets. Meanwhile, the largest sports broad-

2016-24

caster in local markets is in bankruptcy and on the brink of liquidation.

The league is looking to bring additional parties to the negotiating table as it plots out its new deals, which would go into effect after the 2024-2025 season. For consumers, those deals could change significantly where games are broadcast.

ESPN and TNT, which carry roughly 165 nationally televised games combined, are exploring signing up for smaller packages, said people familiar with the situation. That arrangement would help them hang onto a premier asset in American media without breaking the bank. Those companies al-Please turn to page B2

Musk Warns on Tesla Cybertruck Amid Profit Drop

BY REBECCA ELLIOTT

Chief Executive Elon Musk warned Wednesday that Tesla will face "enormous chal-lenges" scaling up factory production of its long-delayed Cybertruck, signaling profit could remain under pressure in the coming quarters.

The electric-car maker reported a 44% decline in third quarter net income, a steeper drop than Wall Street had expected, as price cuts across the company's lineup continued to take a toll on the bottom line.

On Tesla's earnings call, Musk struck a cautious tone about the year ahead, expressing concerns about the broader economy, including higher interest rates and their impact on consumers.

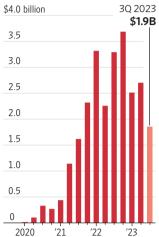
He also was tempered in his outlook for the Cybertruck, which Tesla plans to start delivering to customers at the end of November.

Due to the difficulties of its design, Musk said it could take another year to 18 months for it to be a significant contributor to positive cash flow.

"We dug our own grave with Cybertruck," Musk said, referring to the complexity of building the vehicle, which has faced cost overruns and design changes.

Tesla's third-quarter finan-

Tesla's quarterly net profit



Sources: S&P Capital IO: the company

cial results disappointed on a number of fronts, including missing analysts' expectations on revenue and net income. further fueling concerns about whether the company can sustain its growth trajectory with a limited lineup.

Revenue was up 9% to \$23.4 billion, lifted by higher vehicle deliveries compared with the same year-ago quarter, the company said Wednesday. .

The \$1.9 billion in net income for the July-to-September period missed expectations, and the revenue growth was lower than analysts had anticipated.

Please turn to page B2

Morgan Stanley Logs 9% Decline in Profit

BY CHARLEY GRANT AND ANNAMARIA ANDRIOTIS

Morgan Stanley said thirdquarter profit fell 9% from a year ago, hit by a sharp decline in deal making.

Investment-banking revenue dropped 27%, far worse than at other banks. Within that, fees from advising corporate clients on mergers and acquisitions fell by more than 30%. So did revenue from underwriting bond offerings. JPMorgan Chase, meanwhile, posted just a slight drop in investment-banking revenue, and Citigroup and Bank of America reported gains. Investment-banking revenue was roughly flat at Goldman Sachs. Morgan Stanley's stock fell 6.8% on Wednesday, its largest one-day decrease since June 2020. Shares of other big banks were down, too, but by much smaller increments. Goldman slipped 2.4%. Both banks closed at their lowest price in more

than a year.

"Frankly, banking has been really weak," Morgan Stanley CEO James Gorman said on a call with analysts. "I mean, under \$1 billion is evidence of a very weak calendar and very weak M&A."

Morgan Stanley's investment-banking revenue was \$938 million in the quarter, the first time in years that it fell

By SAM GOLDFARB

Investors and Federal Reserve officials scrambling to make sense of surging Treasurv vields have a new obsession: a number that exists only in theory.

Known as the term premium, the number is typically defined as the component of Treasury yields that reflects everything other than investors' baseline expectations for shortterm interest rates set by the Federal Reserve. That could include anything from an increase in the supply of bonds to

harder-to-pin-down variables such as uncertainty about the long-term inflation outlook.

In recent weeks, debate around the term premium has intensified because some financial models have suggested that it has been rising sharply-driving much of a recent surge in longer-term Treasury yields that has carried the vield on the 10-year note above 4.9% for the first time since 2007.

Treasury yields help dictate interest rates on everything from mortgages to corporate debt, making their rise over

the past two years a steady source of anxiety for investors. So far, those worries have proved mostly unfounded, as the economy has shown little signs of buckling under the higher borrowing costs.

Yet the recent evidence of rising term premiums has provided a new source for concern. For some, they suggest that vields are no longer rising because of a strong economy and expectations for higher rates. Instead, the underlying cause could be something harder for the Fed to control and therefore more dangerous.

Still, even economists who created term-premium models stress that their outputs are imperfect estimates, making it difficult to gauge whether or not they are a warning.

Most analysts agree that yields on U.S. government bonds are largely determined by the anticipated path of short-term interest rates.

The rationale: Investors will buy a series of one-month Treasury bills instead of a bond that matures years from now if they think that will produce a better return. If this pushes the lon-

Please turn to page B11

under \$1 billion. Gorman said the pipeline for

deals is improving and should translate to better revenue in 2024, especially once the Federal Reserve eases its campaign to raise interest rates.

"The minute you see the Fed indicate they've stopped raising rates, the M&A and underwriting calendar will explode because there is enormous pent-up activity," he said. "Boards of directors are sitting there saying, until we understand the cost of financing it is very difficult to pull the trigger Please turn to page B10

China Developer Skips Last Deadline on Debt

BY REBECCA FENG AND FRANCES YOON

Chinese property giant Country Garden has missed a final deadline to pay interest on a dollar bond, capping a remarkable fall from grace for a company that was once considered among the safest developers in the country.

The company hasn't made a \$15.4 million interest payment on an outstanding dollar bond, according to two investors who hold the bond. That could lead to a wave of cross-defaults on its other international debt. Country Garden had around \$15.2 billion of international bonds and loans outstanding at the end of June, according to its public disclosures.

The payment was due at midnight Tuesday, according to a person familiar with the matter.

The company's inability to meet its debt obligations shows the extent of a painful slowdown in China's property sector, which was once a key

source of wealth creation in the country. The property slump has worsened the strains on China's economy, which has struggled to return to health this year after emerging from strict zero-Covid policies.

Before China's property sector faltered two years ago, investors considered Country Garden to be one of the country's most conservative private sector developers. While more aggressive developers attempted to expand into other areas, the company remained focused on real estate. At its height. Country Garden was rated around triple-B by major credit-ratings companies, implying a low probability of default.

The Foshan-based developer now joins dozens of Chinese property companies that missed payments on have their dollar bonds. Bond defaults in the sector totaled around \$81 billion between 2021 and 2022, according to data from S&P Global Ratings. Please turn to page B10

INSIDE



BUSINESS NEWS United Airlines is changing its boarding process for economy passengers. B3



E-COMMERCE Amazon unveils warehouse overhaul with robotics to speed deliveries. B4

Real-Estate Commissions Are Targeted as Unfair Fee

By LAURA KUSISTO AND NICOLE FRIEDMAN

In recent years, technology has made a host of consumer transactions cheaper—from booking a vacation to buying stocks-but commission rates for selling a home haven't really budged. That could soon change.

A pair of class-action lawsuits challenging real-estate industry rules-including one that went to trial beginning week—and continued this pressure from U.S. antitrust officials are threatening to disrupt a compensation model that hasn't meaningfully changed in decades.

Home buyers rarely pay their agents. Instead, sellers pay their own agents, who in turn share their commissions with the buyer's representative. In the typical transaction, total agent commissions are 5% to 6% of the sale price. For a \$400,000 home purchase, that is roughly \$20,000, split two ways.

In most markets, publishing



Jon Anderson says he was 'blackballed' by the sales market.

the amount of compensation offered to the buyer's agent is a condition for listing a home on a multiple-listing service—a vital tool for marketing a home.

In the current environment, trying an alternative approach can be risky. When Jon Anderson decided to sell his khakicolored three-bedroom house in Colorado Springs, Colo., four years ago, the veteran

home seller was fed up with paying a real-estate agent tens of thousands of dollars.

He hired a low-fee brokerage company, REX, that was bucking a widespread industry rule by not guaranteeing the seller would pay a commission to the home buyer's agent. At the time, homes were often selling in days, but for several weeks

Please turn to page B2

NESSES TO BUSI

These indexes cite notable references to most parent companies and businesspeople in today's edition. Articles on regional page inserts aren't cited in these indexes.

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Profit Falls at Disney Sports Unit, Shedding Light on ESPN Problems

By ISABELLA SIMONETTI

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Profit from **Disney**'s sports segment, home to ESPN, declined 20% in the first nine months of its fiscal year, according to a filing Wednesday that offers a clearer look at the toll cord-cutting is taking on the business.

Operating income for the newly reported sports segment fell to \$1.48 billion in the nine months ended July 1, while revenue declined 1.3% to \$13.2 billion. The unit includes ESPN and related channels, Disney's ESPN+ streaming service and Star-branded sports channels in India.

Profit from ESPN-branded TV networks, ESPN programming on the ABC network and ESPN+ fell 7.8% to \$2.06 billion in those nine months.

The company shared more detailed financial results for the business as it seeks a potential strategic partner to help shape the future of ESPN's content and distribution.

Disney's sports business faces challenges including cord-cutting and the rising price of sports-rights fees as it looks to shepherd its business into its next era. The company plans to make its ESPN cable network available to cord-cutters as a streaming service to

adapt to shifting consumer tastes.

Earnings from Disney's flagship sports brand represented about 19% of companywide operating income in the first nine months of the company's fiscal vear.

Within the sports segment, Disney's domestic business has fared better than its international operations, the filing shows. Its Star India unit has suffered since losing a highprofile cricket-rights package, and Disney is exploring strategic options for that business, The Wall Street Journal previously reported.

Disney's once-lucrative tra-

ditional television business has suffered from relentless and accelerated cord-cutting, forcing it to rethink the future of that business and quickly pivot to streaming.

Revenue within the sports segment grew by 8% to \$17.3 billion in Disney's 2022 fiscal year, and operating income fell nearly 1% to \$2.7 billion, according to the filing.

ESPN has explored pacts with the National Football League and National Basketball Association in which the leagues would supply programming and assets in exchange for small equity stakes in ESPN, the Journal has reported.

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Tesla **Earnings**

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Fall 44%

The Texas-based automaker has leaned heavily on price cuts and discounts to stimulate demand for its aging models, some of which have only had minor refreshes in recent years.

In the U.S., starting prices for some Tesla vehicles have fallen by about a third this year, and the tactic has dented profitability.

In the third quarter, the automaker's once industry-leading operating margin fell to 7.6% in the third quarter, fromB6A10

After several years of breakneck growth, Tesla is confronting a more challeng-

Industrywide, U.S. sales of electric vehicles continue to increase, but at a slower clip than in years past, and unsold inventory is starting to stack up. Some automakers, such as General Motors and Ford Motor, are tempering their expec tations, as the pool of consumers willing to splurge on an EV becomes more limited and

In China, Tesla's growth has been further challenged by an intensifying price war in the EV market and the rise of BYD, a competitor that is closing in on Tesla's EV sales crown.

The

said after expressing concern about the global economy.

ing environment ahead.

prices overall come down.

company's closely watched automotive gross

rights with

> cussions. The league is looking at dople said, and the bankruptcy of

Real-Estate Agent Fees



Fans in Denver watch game five of the 2023 NBA Finals between the Nuggets and Heat.

the Bally Sports branded regional channels that once operated under the Fox Sports Net brand-is expected to accelerate those efforts.

In the American sports landscape, the National Football League towers above all else. But the NBA is No. 2, given its appeal with younger audiences, and is in a strong position to demand a tripling of fees, as it did last time around, said David Levy, who negotiated TNT's last deal with the NBA in 2014.

"Pop culture, fashion, relevancy—why wouldn't the No. 2 get a 3x increase?" Levy said.

The NBA hasn't said publicly what fee increase it is seeking.

Tripling the last agreement would mean a deal worth about \$78 billion over a decade. Media rights make up a chunk of league revenue, along with ticket and merchandise sales.

"You have to recognize that the marketplace has gone through some change in the last few years and so that does temper what is possible," said Ed Desser, president of sportsmedia consulting firm Desser Sports Media and a former NBA media executive. "But on the other hand, the NBA hasn't had a reset in almost a decade."

CNBC and Bloomberg earlier reported on elements of the



NBA's media-rights negotia-

tions and interest from poten-

tial bidders, including stream-

In the most recent season,

NBA games on TNT, ESPN and

ABC averaged 1.6 million view-

ers. The playoffs attracted

more than five million viewers.

according to Nielsen data, and

were nearly always the most

popular programming across

all of television for audiences

jor sports-media property to

come up for bidding for a long

time, said Lee Berke, chief ex-

ecutive of LHB Sports, Enter-

The NBA will be the last ma-

ers.

under 50.

THE WALL STREET JOURNAL.

BUSINESS & FINANCE

NBA Looks To AddA7A4B10 **Streamers**B12B10B6 Continued from page B1

ready are in renewal talks with the NBA, with an exclusive ne-

April.

"They're benefiting from the dia investments.

Amazon and others have indicated they would find it even more appealing if the NBA could package national TV rights—so they can show people in Indiana the games of the hometown Pacers, for example, and the same in other cities around the country, according to people familiar with the dis-

ing just that, some of the peo-Diamond Sports—parent of

gotiation period set to expire in

If ESPN and TNT buy fewer games, that would allow the league to create a package for a streaming video player. Amazon and Apple already have expressed interest and are looking for much more than a small slice of NBA games.

fact that there are new entrants who look to want to play," said Jonathan Miller, former NBA executive and chief executive of Integrated Media, which specializes in digital me-

local-market

17.2% in the year prior, putting it on par with many traditional automakers.

Tesla's stock, which closed Wednesday at \$242.68 a share, was down roughly 4% in afterhours trading.

Unveiled in 2019, the Cybertruck is Tesla's first new passenger model in more than three years and the only new offering expected to hit the market soon. He added that Tesla expects to eventually produce 250,000 Cybertrucks a year but not until 2025 at the earliest.

On Wednesday, Tesla reaffirmed its goal of delivering 1.8 million vehicles to customers this year, up from 1.3 million in 2022, but Tesla executives demurred when asked about growth plans for next year.

"It is not possible to have a compound growth rate of 50% forever or you will exceed the mass of the known universe,' Musk said.

He also was circumspect discussing when Tesla's planned factory in Mexico, saying he is hesitant to "go full tilt" on the project. "I don't want to be going at top speed into uncertainty," he

margin, excluding regulatory credits, fell more than expected, to 16.3% in the July-to-September period. That margin, an indicator of the cost of sales, was 26.8% in the third quarter of 2022.

Musk has sought to reassure investors by arguing that Tesla's future is in software, including autonomous driving technology that he expects will eventually help generate generous profits.

Tesla's stock has roughly doubled in 2023 after a disappointing 2022 but remains below its highs from two years ago

Tesla will need to deliver more than 475.000 cars and SUVs in the final three months of 2023 to achieve its goal of selling 1.8 million vehicles this vear.

Tesla's price reductions have continued into October for the Model 3 car and Model Y crossover, and analysts anticipate the automotive gross margin will fall further in the fourth quarter.

Teslas sold for an average of around \$44,000 in the third quarter, compared with about \$54,000 in the same period of 2022.



Continued from page B1

Anderson said virtually no buyers even toured his home. It eventually sold for \$15,000 less than he originally listed it for.

"I believe that when my house went on the market through REX that we were completely and utterly blackballed by the real-estate market," he said.

REX, which is now defunct. recorded a call with a buyer's agent interested in Anderson's home until she realized there was no guaranteed commission. "I won't bother to show it," she said. A former REX data scientist said the recording and about 600 similar ones have been turned over to plaintiffs' attorneys and the Justice Department.

The plaintiffs in the class actions, who are home sellers in different regions of the country, say the longstanding industry rules amount to a conspiracy to keep costs high in violation of U.S. antitrust law. Buyers, they say, have little incentive to negotiate with their agents because they don't pay them directly, while sellers are loath to experiment



Anderson's home sold for \$15,000 below his initial listing price.

with a lower commission rate for fear that agents will steer clients away from their home.

An academic study released this month provides some evidence of these concerns. It found that home listings offering lower buyers' agent commissions take significantly more time to sell and are much less likely to sell at all, even after controlling for factors such as the home's age and location.

The National Association of Realtors, a defendant in both cases, says the current system helps first-time home buyers and those with modest means by sparing them a significant upfront cost when purchasing a home. Buyers might otherwise put themselves at a disadvantage by not having their own agent, the group says.

"What is at stake here is the future of buyer representation," said Katie Johnson, NAR's chief legal officer. In court documents, the association said sellers' agents pay the commissions to buyers' agents to attract more interest in their homes.

In a report released this month, Ryan Tomasello, a realestate industry analyst with Keefe, Bruyette & Woods, predicted that the lawsuits could lead to a 30% reduction in the \$100 billion that Americans pay in real-estate commissions every year and push well over half of the roughly 1.6 million agents out of the industry.

"The writing is on the wall given the attacks that the industry has right now from all sides," Tomasello said.

Ever since Zillow went on-

change. About half of buyers now find their homes online. Cracks in the traditional industry structure are starting to show. Two major brokerages, Anywhere Real Estate and **Re/Max Holdings**, both

seemed on the cusp of radical

agreed to settle claims against them in the two class actions for almost \$140 million combined. The firms, which admitted no wrongdoing, agreed not to require their agents to belong to NAR.

Another brokerage. **Redfin**. which isn't a defendant in the class actions, recently announced it was requiring many of its agents to leave NAR. The trade group is "defending the indefensible" in the lawsuits, said company Chief Executive Glenn Kelman.

The case currently on trial is unfolding in a Kansas City, Mo., courtroom, where a federal jury is considering claims by home sellers in several Midwestern states against NAR and major national brokerage companies.

Another class action, based in an Illinois federal court, involves 20 markets and could go to trial next year. Plaintiffs in both suits are claiming damages that could total more than \$40 billion, according to Tomasello's calculations.



Tesla's growth in China has been tested by the rise of BYD.

Costco Picks Longtime Insider to Succeed CEO

BY BEN GLICKMAN

Costco Wholesale said longtime Chief Executive Craig Jelinek will step down after the holidays and hand over the role to his top deputy, who has also spent decades working at the warehouse retailing giant.

Ron Vachris, 58 years old, the company's president and chief operating officer, will take over in January, becom-

ing just the second person to hold the Costco chief executive job since the company's co-founders.

His appointment was telegraphed when Vachris was elevated to the No. 2 role and joined the company's board in 2022.

Vachris started out as a forklift driver and has steadily climbed through the management ranks, including stints in merchandising and real estate.

Costco was started in Seattle in 1983 and has expanded into a global giant with more than 860 warehouses in the U.S. and a handful of other countries. After a late entry into e-commerce, it has been dipping deeper into online sales in recent years.

Costco shares are trading near their records and the company's business has been buoyed by the pandemic and strong consumer spending.

The company generated \$242.3 billion in revenue in the fiscal year ended in August. When Jelinek became CEO in 2012, it had around \$99 billion in annual sales.

Jelinek, 71, who took over from one of the company's cofounders, will stay on as an adviser through April 2024 and will remain a member of the Costco board.

–Sarah Nassauer contributed to this article.

United Revamps Boarding

Airline says it can shave off up to two minutes in times for loading passengers

BY ALISON SIDER

United Airlines has a plan to fix one of the most annoving parts of travel: boarding.

Next week, United will bring back a boarding method for economy passengers that it says is more efficient, hoping to shave up to two minutes off what is often a cumbersome process.

It sounds simple: window, middle, aisle, or "Wilma." When economy passengers board, those sitting in the window seat will go first, followed by middle seats, and then aisles. Groups traveling on the same reservation will still board together.

Airplane boarding has become a Byzantine process that can frustrate customers and put airlines behind schedule, causing delays that can ripple throughout the day.

For airlines, boarding is a logistical puzzle as well as a psychological test as they try to balance speed, fairness and revenue. Earlier access to overhead bin space is often a perk for higher paying customers, and some clamor to get on first.

Carriers tried tweaks like better signage and textmessage alerts about when to head to the gate. The number of boarding groups has proliferated as airlines sought to reward loyal

while keeping customers things running smoothly. Social distancing during the pandemic created new headaches.

More cramped flights as airlines squeezed in more seats has made boarding



For airlines, the process is a logistical challenge that can frustrate customers and cause delays.

harder, but new big overhead bins that can fit more bags can ease the stress—once passengers get used to turning bags sideways. No matter what, crowding at gates and logjams on jet bridges seem inevitable.

In a memo to employees, United said things have gotten even worse as travel has rebounded from the pandemic. Boarding times have increased

by up to two minutes since 2019, the airline said. " W I L M A

boarding was tested at four domestic line stations and one hub and it's faster," the airline said in its

United has used the Wilma process before: It is how it loaded its coach cabins before 2017, when it adopted Basic Economy in an effort to compete with discount carriers offering cheap no-frills fares. At the time, the airline was only

memo.

able to manage five boarding groups and had to combine middle and aisle seats into a single group to make space for Basic Economy passengers whose tickets often don't include carry-on bags.

Now, an airline spokeswoman said United has the 'technical flexibility" to add a sixth group.

United will still allow people with disabilities, activeduty military members, unaccompanied minors and others to board early. The process will stay the same for passengers sitting in first or business class and those with status or credit-card perks that give them priority-boarding rights.

The third boarding group, which includes those sitting in window seats and exit rows, will remain unchanged. Economy passengers in dreaded middle seats will board in Group 4, followed by aisle seats in Group 5. Basic Economy passengers will have their own newly created group and will be the last to get on the plane.

Other airlines have been tinkering with boarding. Southwest Airlines this year has conducted experiments in Atlanta as it looks to shave five minutes off the time a plane spends at the gate between flights. Small reductions in that "turn" time can add up over the course of the day and allow for more flying. Engineers and academics

have studied the boarding process and have different theories on the speediest procedure.

Jason Steffen, an astrophysicist and associate professor at the University of Nevada, Las Vegas who has studied the problem, said there is a faster method that would board passengers in alternating rows to avoid crowding. Boarding back to front—a method airlines have tried over the years—leads to clumps of passengers that bunch up, he said.

"Window-middle-aisle does perform significantly better than back-to-front," he said. "The chances of having an open space go way up."

Delta Adjusts Parts Of Loyalty Program

BY ALISON SIDER

Delta Air Lines is making changes to its frequent-flier program after it faced sharp backlash to changes it unveiled last month.

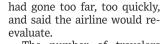
The airline isn't fully undoing the overhaul of its SkyMiles program, which it rejiggered to reward the biggest spenders, not the most-frequent fliers.

However, it is seeking to mollify outrage from some of its most loyal customers by making it less expensive to obtain elite status and easing limits on lounge visits for certain credit-card holders. The airline also announced some extra rewards for those with top-tier status. Top travelers who have flown millions of miles with Delta will have their lifetime status boosted.

"I appreciate your opinions and understand your disappointment. Your voice matters, and we are listening," Delta Chief Executive Ed Bastian wrote in a letter to customers on Wednesday.

Delta executives had said they hadn't seen credit-card sign-ups falter or more card cancellations since announcing the changes. But the adjustments reflect fierce competition for high-end customers.

said Bastian previously some of the airline's changes



The number of travelers with top-tier status has ballooned since the start of the Covid-19 pandemic, overwhelming the airline's ability to meet demand for perks.

"It's been a challenge to balance the growth of our membership with our need to deliver premium service experiences," Bastian wrote on Wednesday.

The airline is lowering the spending bars travelers will have to clear to hit elite-status tiers. For Silver Medallion, the lowest level, they will have to earn 5,000 "medallion qualifying dollars"-down from the 6,000 Delta had previously announced. That equates to spending \$5,000 on flights or \$50,000 to \$100,000 on cobranded credit cards.

The top Diamond Medallion level will drop to 28,000 medallion qualifying dollars, down from 35,000. The airline will allow more visits to its Sky Clubs for people who have its Delta SkyMiles Reserve and Delta SkyMiles Reserve Business American Express cards. Starting in February 2025, those cardholders will be able to access lounges 15 days a year.

American Express said its U.S. Platinum Card and Business Platinum Card holders will also get a boost in lounge access.



The carrier is responding to complaints from customers.

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Boarding times increased by up to two minutes since 2019, the airline said.

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TECHNOLOGY

WSJ.com/Tech

Cyber Chief Aims to Slow AI Shift

U.S. agencies told to consider the risks of machine learning before going all in

BY KIM S. NASH

WASHINGTON, D.C.-Federal agencies have pitched more than 1,000 use cases for generative artificial intelligence, but the U.S. government's cy-

CYBERSECURITY bersecurity chief wants risks associated with the tech-

nology properly addressed before they can press ahead. Generative AI tools such as

OpenAI's ChatGPT and Google's Bard piqued the interest of companies and government agencies for their ability to parse large data sets and answer conversational queries. But as with any technology on government radar, caution is in order, said Chris DeRusha, federal chief information security officer at the Office of Management and Budget, speaking at a FAIR Institute conference of cybersecurity and risk managers.

"We can't just break the rules and have use without understanding the risk," he said, adding that federal policies and parameters for assessing the cyber risks of AI are coming soon.



Chris DeRusha, federal CISO at the Office of Management and Budget, far right, spoke at a FAIR Institute conference of cybersecurity and risk managers this week.

The Biden administration has said a federal policy governing the use of generative AI is due out this fall, along with an executive order.

'That process is being run out of the West Wing chief of staff's office, so that's everything you need to know about priority," DeRusha said.

Federal agencies drafted hundreds of proposals for generative and other forms of AI. The Energy Department wants to use AI to build intuitive interfaces between its vast databases and its employees.

The Department of Homeland Security, which houses the Cybersecurity and Infrastructure Security Agency, wants to use AI to manage cybersecurity alerts.

Agencies must thoroughly understand the data used to train any AI systems they roll out, as well as test the systems for security holes and develop a sound process for disclosing vulnerabilities, said Eric Goldstein, executive as-sistant director for cybersecurity at CISA.

"It's a journey we're in the

middle of right now," Goldstein said.

Corporate cyber executives are grappling with similar challenges. The rapid proliferation of generative AI tools is creating risks faster than companies can keep up.

Many of the tools are free, so employees can experiment with them outside the purview of cybersecurity departments. Understanding risks is key to making the tools as effective as possible, technology and cyber leaders say.

Kurt John, chief security

officer at Expedia Group, said he would like to use generative AI to interpret data from many sources to understand cyber trends inside and outside the online travel company.

In addition to potential vulnerabilities inside AI-built systems, companies must worry about new risks, especially hackers penetrating networks to poison AI models or the data that feeds them, John said.

Any organization using AI. he added, must consider, "What's the impact of your AI making an incorrect decision?

DeRusha urged corporate security chiefs to stop thinking about cyber risk at their companies in isolation.

Security chiefs should be willing to disclose vulnerabilities they see, DeRusha said, because the same or similar problems could be stopped elsewhere, keeping other companies and government agencies more secure. "We together are managing the nation's risk," he said.



Nvidia and Foxconn Plan To Develop AI **Data Centers**

By Kosaku Narioka

Chip maker Nvidia is expanding its partnership with Taiwan's Foxconn Technology **Group**, and aims to develop a new class of data centers that can power artificial-intelligence services.

U.S.-based Nvidia said Foxconn will use its technology to build data centers that can help digitalize manufacturing, and develop AI-powered electric vehicles and robotics, among other applications.

"Working closely with Nvidia, Foxconn is expected to build a large number of systems based on Nvidia CPUs [central processing units], GPUs [graphics processing units] and networking for its global customer base," the companies said.

Foxconn customers can use Nvidia's technology to deliver generative AI services, as well as use simulations to speed up the training of autonomous machines, including industrial robots and self-driving cars, the U.S. company said.

Nvidia Chief Executive Jensen Huang announced the partnership alongside his counterpart at Foxconn, Young Liu. on Wednesday.



In the new Amazon robot structure, vehicles transport products inside tote containers to a new sortation machine.

Tech Giant Is Sued Over Data Tracking

BY CATHERINE STUPP

A consumer-rights group in the Netherlands sued Amazon.com over its alleged practice of tracking website visitors' online activity, using recently expanded legal provisions allowing class actions.

The lawsuit, filed in a Dutch court by Stichting Data Bescherming Nederland, or SDBN, said Amazon is violating the European Union's privacy law by monitoring visitors to popular websites through cookies-the pieces of code that identify individual browsers to create targeted adswithout their permission.

An EU law that took effect in June requires the bloc's 27 member nations to introduce legislation that will make it easier for consumer groups to bring class-action cases against companies. Corporate lawyers are bracing for a wave of similar complaints representing groups of consumers. SDBN said the lawsuit represents around five million Amazon account holders residing in the Netherlands. The organization is seeking damages for consumers and a court order to put a stop to Amazon's data tracking. The lawsuit partly mirrors a 2021 regulatory penalty that Amazon was issued by Luxembourg's privacy regulator, which fined the company \$887 million over its use of personal data for advertising. Amazon is appealing that penalty. "We hope by adding to the pressure, Amazon will at some point realize it's too costly to keep doing what it's doing," said Anouk Ruhaak, chair of SDBN. An Amazon representative said, "We disagree with these claims, and we will defend ourselves through the legal process. Maintaining the privacy and security of our customers' information is a top priority and Amazon follows all legal requirements in the countries and regions where we operate."

hasn't changed its practices to correct the violations identified by Luxembourg's privacy regulator two years ago.

Last month, SDBN sued X, formerly known as Twitter, in a Dutch court. The class-action lawsuit also focuses on consumer data collected to create targeted ads.

Many large companies appeal European privacy fines, which can stretch to sums totaling up to 4% of global revenue, or €20 million, equivalent to around \$21.1 millionwhichever is higher. On Tuesday, U.S. software company Clearview AI won an appeal against a \$9.1 million fine from Britain's privacy watchdog. The regulator issued the fine last year and ordered Clearview AI to delete image data that it collected on U.K. residents and stop scraping

Amazon Unveils Warehouse Overhaul With Robotics to Speed Up Deliveries

is designed for

speed and

safety.

By SEBASTIAN HERRERA

Amazon is introducing new artificial intelligence and robotics capabilities into its warehouse operations that will reduce delivery times and help identify inventory more quickly.

The revamp will change the way Amazon moves products through its fulfillment centers with AI-equipped sortation machines and robotic arms. It is set to alter how many of the company's army of workers do their jobs.

Amazon says its new robotics system, named Sequoia, is designed for both speed and safety. Humans are meant to work alongside new machines in a way that should reduce injuries, the company says.

It is unclear how the system will affect Amazon's head count, and the company declined to provide details about its expectations except to note that it doesn't see automation and robotics as vehicles for eliminating jobs.

Sequoia enables the company to put up items for sale on its website faster and be able to more easily predict delivery estimates, said David Guerin, the company's director of robotic storage technology. The program reduces the time it takes to fulfill an order by up to 25%, the company said, and it can identify and store inventory up to 75% faster. Amazon launched the system this week at one of its warehouses in Houston.

"The faster we can process inventory, the greater the probability that we're going to be able to deliver when we said we could," Guerin said.

He said Amazon expects the new system to make up a significant portion of the company's operations in the next three to five years.

Faced with fresh competition in the U.S., Amazon has worked to become faster at delivering its products. The company transformed its operations to a regionally focused model meant to store items closer to customers.

In the new structure, vehicles transport products inside tote containers to a new sortation machine equipped with small robotic arms and computer vision. From the sortation machine, the bins are routed to an employee who

picks items for delivery. Remaining inventory is consolidated by Sparrow, a robotic arm Amazon unveiled last vear.

> In the previous system, vehicles moved around Amazon

products, but the new sortation machine, tote containers and Sparrow weren't involved. Previously, employees might have to reach high up on a shelf to pick a heavy item, but now the new system delivers containers around the waist level, with a goal to reduce injuries.

Amazon is among several companies that have chased the "holy grail" of robotics, or machines as dexterous, quick and adaptable as a human arm and hand. Rivals such as Wal-

mart are changing jobs of moving boxes into roles managing robotic arms.

What Amazon and others have realized is that in order to integrate more robotics, the workflow of warehouses has to be transformed, said Rueben Scriven, research manager at market research firm Interact Analysis. Amazon's new system, for example, makes sense for its robotic arms because such robots have an easier time identifying objects inside of bins than shelves. which have been a part of previous Amazon systems.

'The key thing Amazon is trying to do is integrate," Scriven said. "They have the different pieces, and now it's

about, 'How do we bring them together in a Amazon says its harmonious system?'" robotics system

Labor researchers and activists have said Amazon's desire for faster speeds can put its workers at risk, and some

have warned that the introduction of robotics could also heighten employee injuries. The company has long struggled with high turnover among its warehouse employees and repetitive stress injuries.

With new systems such as Sequoia, Amazon says it is trying to improve safety. Tye Brady, chief technologist at Amazon Robotics, said the company's robotics are meant to eliminate mundane tasks and work alongside its human staff, with both needing each other to work efficiently. Amazon has introduced various robotics into its warehouses over the past decade but maintained large hiring sprees for human workers.

Amazon's delivery strategy has centered on opening facilities focused on delivering popular products to customers in less than a day. The company launched dozens of the same-day sites, with plans for more expansion. Guerin, the robotics storage director, said Amazon's plans for Sequoia include the same-day sites.

Aside from trying to get faster, Amazon restarted a shipping business that competes with United Parcel Service and FedEx by handling external deliveries.

Amazon said it would start to test a bipedal robot named Digit in its operations. Digit. which is designed by Agility Robotics, can move, grasp and handle items, and will initially be used by the company to move empty tote containers.

The retailer has one of the nation's largest workforces, employing hundreds of thousands of employees in its warehouses. It has increasingly introduced robotics into its operations.

The company bought Kiva Systems in 2012 for \$775 million, bringing in mobile robots into its facilities. In 2022, it unveiled a \$1 billion fund for innovation in logistics and supply chain, with Agility Robotics being among the fund's first recipients. And the same year, it unveiled Sparrow, which can pick up a variety of objects as easily as humans can.

Ruhaak said the lawsuit is a way to seek redress for consumers because Amazon

data from the internet.

European consumer groups and privacy advocates have raised concerns about the long process of concluding regulatory cases. When a business appeals a regulator's penalty, companies can delay making any changes that regulators might demand to improve privacy.

There is a trend toward individuals suing over potential privacy violations, sometimes coming on top of fines from regulators and piling pressure onto companies, said Carlo Piltz, partner at the Berlin-based law firm Piltz Legal. "I strongly expect that we will see more lawsuits by consumer protection groups regarding data protection law violations," he said.

The lawsuit against Amazon alleges the tech giant collects personal data from cookies tracking consumers' behavior across different websites as well as on its own platforms. It sends that information back to the company, which helps it to sell ad space targeted to individuals.

"We want Amazon to stop collecting data in this way and using data in this way. What that means is, basically, don't follow me around," said Ruhaak.



An Amazon facility in the Netherlands.



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AI Is Poised to Transform Employment

Coming workforce changes will play out unevenly, says OpenAl's Altman

By Deepa Seetharaman AND GEORGIA WELLS

LAGUNA BEACH, Calif.-Artificial intelligence will likely lead to seismic changes to the workforce, eliminating many professions and requiring a societal rethink of how people spend their time, prominent tech leaders said Tuesday.

Speaking at The Wall Street Journal's Tech Live conference on Tuesday, OpenAI CEO Sam Altman said that the changes could hit some people in the economy more seriously than others, even if society as a whole improves. This will likely be a hard sell for the most affected people, he said.

"We are really going to have to do something about this transition," said Altman, who added that society will have to confront the speed at which the change happens. "People need to have agency, the ability to influence. We need to jointly be architects of the future."

Artificial intelligence is expected to transform the global economy by driving gains in both productivity and growth.



OpenAI's Sam Altman and Mira Murati at The Wall Street Journal's Tech Live event Tuesday.

But economists and tech entrepreneurs are divided on how quickly this shift could-and should—happen.

Earlier Tuesday, Vinod Khosla, a prominent venture capitalist whose firm was one of OpenAI's earliest backers, laid out a stark timeline for AI's transformation of work. Within 10 years AI will be able to "do 80% of 80% of all jobs that we know of today," said Khosla, a tech investor and entrepreneur for more than 40 years. vears.

He pointed to many types of physicians and accountants as examples of professions that AI could largely supplant because these systems can more easily access a broad array of knowledge. Khosla likened the extent of the workforce changes to the disappearance of agricultural jobs in the U.S. in the 20th century—a transition that took place over generations, not

The increased prosperity that AI will bring to societies that adopt it, however, will allow people who don't want work to avoid it if they choose to. "I believe the need to work in society will disappear in 25 vears for those countries that adapt these technologies," he said. "I do think there's room for universal basic income assuring a minimum standard and people will be able to work

on the things they want to work on."

Altman said that ensuring a basic income won't be enough. People will need outlets for creative expression and a chance to "add something back to the trajectory of the species," he said.

OpenAI ignited the current artificial intelligence fervor in Silicon Valley with its chatbot ChatGPT last November. The surprise success of the product has launched significant debate around the best way for governments and people to prepare for the potentially sweeping changes wrought by AI.

One point of concern is the ability to distinguish between real and AI-generated content. AI-generated images are already used to spread misinformation, infringe on intellectual property or sexualize photos of people. AI tools for detecting those types of images are still under development.

Altman said OpenAI explicitly decided to call its chatbot ChatGPT and not a person's name so people wouldn't confuse the tool with a person.

Chris Cox, Meta Platforms' chief product officer, said at the Tech Live conference that Meta decided to give chatbots personas in an effort to make them more engaging. Users want to interact with a tool

that has personality, not something that feels like a robot, he said

The company in September announced a bevy of AI chatbots based on celebrities including Naomi Osaka, Snoop Dogg and Tom Brady. In the chatbot, Meta indicates at the start of a conversation that they are communicating with AI rather than the actual celeb-

"Having products that experiment with what is possible is great, but having anything that doesn't make it clear to people what is going on is a problem," Cox said.

Asked about the challenges users can have determining whether content is real or AImade, OpenAI Chief Technology Officer Mira Murati said the company is developing technology to help detect the provenance of images. That tool is "almost 99% reliable," she said, but the company is still testing it and wants to design it in such a way that OpenAI's users don't feel monitored.

Watch a Video

Scan this code for a video on the challenges to turning AI tools into profit.



Lack of funding is one obstacle to hydrogen projects, said Pierre-Etienne Franc, CEO of Hy24, a hydrogen-focused fund.

Hydrogen Demand Is Ready to Boom,

Private-Equity Firm Bides Time **On Renewables**

BY LUIS GARCIA

Private-equity firm Kimmeridge Energy Management is biding its time to expand investing in renewables while making big bets on oil and natural gas, a strategy reflecting co-founder Ben Dell's notso-mainstream views.

Kimmeridge last week unveiled a deal to buy about 30,000 acres in the Eagle Ford shale region of Texas, where it has 2.5 times that amount of acreage.

The New York firm also contracted with pipeline operator Kinder Morgan to deliver its production to liquefied natural gas plants on the Gulf Coast, including Commonwealth LNG, a project Kimecutive at German automaker Mercedes-Benz, as senior managing director to speed up its clean-energy investing, and in September the firm said it committed \$15 million to community-solar developer US Light Energy.

"We grew up with oil and gas and we're expanding our capacity, versus a directional shift in what we do," Dell said about the firm's clean-energy and renewables strategy. "You'll see us in more parts of the energy food chain.'

He cited carbon capture and energy storage, a sector that already has proved profitable for some private-equity firms.

For example, EnCap Investments, Apollo Global Man**agement** and two other firms in August said they were selling battery-projects developer Broad Reach Power to French utility Engie for more than \$1 billion. Dell said utility-scale battery storage remains in its early days and Kimmeridge hasn't found the right opportunity to make bigger bets in renewables, which he said reminds him of the shale boom when a growth-at-any-cost mentality led companies to burn billions of dollars to increase production unprofit-

But Big Hurdles Are Impeding Growth

BY YUSUF KHAN

Hydrogen demand is set to rise sharply over the next two decades, but major bottlenecks such as long permitting times, higher equipment costs and lack of access to capital could slow growth in supply.

"The big issue today is that a lot of announcements are coming on stream which have a lot of potential, but only 6% to 10% are actually committed [in terms of financing]," said Pierre-Etienne Franc, CEO of Hy24, a hydrogen-focused investment fund.

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A new report from consulting firm McKinsey forecasts a fivefold rise in hydrogen demand to 600 million metric tons a year by 2050 if climate change is limited to 1.5 degrees Celsius. On current trajectories, however, that supply could be between 175 million to 291 million metric tons a year if steps aren't taken to speed up permitting and lower both equipment and investment costs, the report warned.

Increasing the supply of hydrogen is crucial to global carbon goals as a way to decarbonize hard-to-abate sectors. such as maritime transport and heavy industry. Using green hydrogen as fuel for steelmaking can cut emissions by up to 95%, according to H2 Green Steel, a Swedish lowcarbon steel startup.

McKinsey identified three main bottlenecks: Higher costs, slow permitting and a lack of access to capital.

"Inflation, raw materials, the cost of energy all have an impact on capex and on equipment supplies," Franc said. Higher interest rates have made securing funding for big infrastructure projects more expensive, with fewer willing to put up the cash, according to Franc. "If you do not have direct supply financing at low interest rates, it is very difficult to speed up the shift," he added.

Jason Cheng, CEO of climate-focused hedge fund Kerogen Capital, underscored that the days of cheap money are over, which may make wind, solar and hydrogen tougher sells.

"Single-digit returns from core infrastructure were always going to be challenged in a higher-rate environment, and investors are now seeking higher-return opportunities outside commoditized areas such as onshore wind and solar," he said.

While costs and interest rates have been rising, so, too, have government incentives for hydrogen.

The World Platinum Investment Council estimates that up to \$300 billion of subsidies have been made available for hydrogen-related projects, up from \$50 billion two years ago. Last week, \$7 billion of subsidies dedicated to hydrogen projects in the U.S. were announced by the Energy Department.

But the industry says more policy support is needed. "Regulators haven't created a level playing field for hydrogen," said Margery Ryan, market research manager of platinum group metals at British chemicals firm **Johnson Matthey**.

More government backing is needed to foster demand, including the shift to green steel, green ammonia, hydrogen-powered trucks and the buildout of the fueling infrastruc-"If we get more ture. regulatory support, we could see demand taking off," she said.

Faster permitting times are needed to bring more hydrogen projects online, as well as the renewable energy to power their electrolyzers, industry experts say.

A recent report from the International Energy Agency said current project lead times are too long and can act as a barrier to clean hydrogen uptake. The agency urged governments to "work to make licensing and permitting processes as efficient as possible."

McKinsey echoed that sentiment, highlighting that investment for the supporting infrastructure such as pipelines is needed.

"Ideal conditions for clean hydrogen production aren't necessarily co-located with large demand centers," said Bram Smeets, a partner at McKinsey. For example, the U.S. Midwest wind corridor from the Dakotas to Texas is an ideal region to produce hvdrogen, but chemicals plants, ideal buyers of hydrogen, are scattered far away, along the East, West and Gulf Coasts.

meridge recently backed.

The firm plans to build an "integrated business from wellhead to water" producing and transporting gas while marketing and exporting it, according to Dell, a Kimmeridge managing partner. The firm manages roughly \$5 billion.

While some other oil-andgas-focused firms have poured billions of dollars into renewable-energy businesses in recent years, Kimmeridge has announced just three nontraditional energy deals. The

Kimmeridge

hasn't found the

right chance for

bigger bets in

green energy.

largest involves much as as \$200 million for **Chestnut** Carbon, а startup dedicated to generating carbonoffset credits from forests.

Such credits are critical to achieving net-

zero emissions goals because oil and gas will still be needed for decades, Dell said.

"There's a component of the environmental wing that believes abandoning the existing asset base is what you have to do. In my opinion, decarbonizing the existing asset base is what you have to do," Dell said.

That, he added, will let market forces deliver a smoother transition to clean energy as the costs otherwise would fall more heavily on lower-income people and communities.

"If I already have a gasoline-powered car and I fill my tank with gasoline that qualifies its emissions as fully offset [by carbon credits], why should I not want that versus having to go out and buy an electric vehicle?" he said. noting EVs also have carbon footprints.

Kimmeridge in July hired Max Warburton, a former exably.

"When you look at the alternative-energy space, it is doing what the shale industry did. It's focused volume on growth because there's a volume narrative in the market,"

Dell said. That can generate uncovered costs and losses because "it's all about growing megawatts, not profitability,' he said.

Kimmeridge, through its activist-investment strategy, has pushed traditional energy companies to focus more on profits than growth-often reinforced by Dell's public criticism of companies and the oil industry as a whole.

The firm expects to expand its activism into the clean-energy sector over time. Dell said. So far, it has bought a stake in California Resources, an oil-and-gas company developing a carbon-capture business.

Meanwhile, Kimmeridge is calling for more changes in the energy industry, advocating for a net zero-emissions goal for the oil-and-gas sector and for a standard rating system for carbon offsets-which would likely benefit its Chestnut forest business.

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MARKETS DIGEST

EQUITIES

Dow Jones Industrial Average

33665.08 332.57, or 0.98% High, low, open and close for each trading day of the past three months.





Bars measure the point change from session's open

32600 ______ July Aug. Sept. Oct. *Weekly P/E data based on as-reported earnings from Birinyi Associates Inc; †Based on Nasdaq-100 Index

Major U.S. Stock-Market Indexes

-			Latest					52-Week —		0/	chg —
	High	Low	Close	Net chg	% cho]	High	Low	% chg		3-yr. an
Dow Jones											
Industrial Average	33991.51	33598.64	33665.08	-332.57	-0.98		35630.68	30333.59	10.7	1.6	5.6
Transportation Avg	14953.44	14579.57	14583.61	-519.89	-3.44		16695.32	12429.60	14.3	8.9	7.2
Utility Average	834.83	818.78	824.34	-7.93	-0.95		1002.11	783.08	-5.3	-14.8	-2.3
Total Stock Market	43383.67	42777.87	42875.56	-639.26	-1.47		45969.67	36860.46	15.4	11.3	6.2
Barron's 400	972.33	952.46	953.54	-18.79	-1.93		1036.97	868.75	8.2	3.6	7.
Nasdaq Stock Marke	et										
Nasdaq Composite	13499.74	13275.30	13314.30	-219.44	-1.62		14358.02	10213.29	24.7	27.2	4.5
Nasdaq-100	15103.87	14865.81	14909.26	-212.75	-1.41		15841.35	10679.34	34.3	36.3	7.9
S&P											
500 Index	4364.20	4303.84	4314.60	-58.60	-1.34		4588.96	3665.78	16.8	12.4	7.4
MidCap 400	2495.84	2455.01	2456.33	-54.82	-2.18		2728.44	2265.38	6.8	1.1	7.
SmallCap 600	1138.58	1122.72	1123.99	-21.55	-1.88		1315.82	1101.29	0.6	-2.9	6.
Other Indexes											
Russell 2000	1752.92	1727.24	1728.81	-37.24	-2.11		2003.18	1704.39	0.2	-1.8	1.9
NYSE Composite	15541.38	15302.01	15324.96	-216.41	-1.39		16427.29	13840.47	9.9	0.9	5.2
Value Line	536.27	525.80	526.11	-10.16	-1.89		606.49	503.90	3.3	-1.9	2.0
NYSE Arca Biotech	4990.52	4848.15	4851.75	-138.77	-2.78		5644.50	4570.64	5.4	-8.1	-4.0
NYSE Arca Pharma	914.35	899.36	901.69	-12.66	-1.38		925.61	753.82	19.0	3.9	11.
KBW Bank	78.28	76.52	76.70	-1.96	-2.49		115.10	71.96	-22.1	-23.9	-0.0
PHLX [§] Gold/Silver	119.32	116.20	116.58	-0.64	-0.55		144.37	96.97	19.8	-3.5	-7.
PHLX [§] Oil Service	97.76	96.19	96.64	0.09		0.09	98.76	69.29	33.7	15.2	50.8
PHLX [§] Semiconductor	3443.66	3397.55	3413.45	-61.21	-1.76		3861.63	2237.74	52.5	34.8	12.
Cboe Volatility	20.15	17.88	19.22	1.34		7.49	30.76	12.82	-37.5	-11.3	-11.2

International Stock Indexes

Region/Country	y Index	Close	Net chg	— Latest — % chg	— YTD % chg
World	MSCIACWI	655.83	-8.15	-1.23	8.3
	MSCI ACWI ex-USA	285.70	-2.79	-0.97	1.6
	MSCI World	2851.89	-36.73	-1.27	9.6
	MSCI Emerging Markets	943.12	-8.09	-0.85	-1.4
Americas	MSCI AC Americas	1633.01	-23.25	-1.40	12.1
Canada	S&P/TSX Comp	19450.70	-242.10	-1.23	0.3
Latin Amer.	MSCI EM Latin America	2202.27	-49.71	-2.21	3.5
Brazil	BOVESPA	114059.64	-1848.79	-1.60	3.9
Chile	S&P IPSA	3268.43	-53.17	-1.60	3.0
Mexico	S&P/BMV IPC	4 9274.7 8	-391.23	-0.79	1.7
EMEA	STOXX Europe 600	445.02	-4.74	-1.05	4.7
Eurozone	Euro STOXX	431.16	-4.71	-1.08	5.2
Belgium	Bel-20	3462.93	-55.02	-1.56	-6.4
Denmark	OMX Copenhagen 20	2209.48	-18.66	-0.84	20.4
France	CAC 40	6965.99	-63.71	-0.91	7.6
Germany	DAX	15094.91	-156.78	-1.03	8.4
Israel	Tel Aviv	1700.87	11.27	0.67	-5.3
Italy	FTSE MIB	28135.79	-231.57	-0.82	18.7
Netherlands	AEX	729.57	-7.20	-0.98	5.9
Norway	Oslo Bors All-Share	1537.28	5.73	0.37	12.8
South Africa	FTSE/JSE All-Share	71968.67	-863.13	-1.19	-1.5
Spain	IBEX 35	9212.70	-85.80	-0.92	12.0
Sweden	OMX Stockholm	780.77	-11.18	-1.41	-0.1
Switzerland	Swiss Market	10675.44	-138.58	-1.28	-0.5
Turkey	BIST 100	784 2.66	-272.35	-3.36	42.4
U.K.	FTSE 100	7588.00	-87.21	-1.14	1.8
U.K.	FTSE 250	17403.46	-286.00	-1.62	-7.7
Asia-Pacific	MSCI AC Asia Pacific	156.08	-0.55	-0.35	0.2
Australia	S&P/ASX 200	7077.60	21.51	0.30	0.6
China	Shanghai Composite	3058.71	-24.79	-0.80	-1.0
Hong Kong	Hang Seng	17732.52	-40.82	-0.23	-10.4
India	S&P BSE Sensex	65877.02	-551.07	-0.83	8.3
Japan	NIKKEI 225	32042.25	1.96	0.01	22.8
Singapore	Straits Times	3136.62	-35.20	-1.11	-3.5
South Korea	KOSPI	2462.60	2.43	0.10	10.1
Taiwan	TAIEX	16440.91	-201.64	-1.21	16.3
Thailand	SET	1437.85	4.45	0.31	-13.8

S&P 500 Index

Last Year ago

18.47

2.15

All-time high 36799.65, 01/04/22

18.42

16.19

2.34

35600

Trailing P/E ratio 23.48

P/E estimate *

Dividend vield

4314.60 ▼58.60, or 1.34% High, low, open and close for each trading day of the past three months.

Last Year ago Trailing P/E ratio 20.14 17.85 P/E estimate * 19.52 16.37 Dividend vield 1.68 1.80 All-time high 4796.56, 01/03/22

Nasdaq Composite Index

13314.30 V 219.44, or 1.62% High, low, open and close for each trading day of the past three months.

Last Year ago Trailing P/E ratio *† 30.05 23.02 P/E estimate ** 20.34 26.78 Dividend yield ** 0.86 1.00 All-time high: 16057.44, 11/19/21



12400 _______ July Aug. Sept. Oct.

Late Trading

Sept.

 ${\sf Most-active} \ {\sf and} \ {\sf biggest} \ {\sf movers} \ {\sf among} \ {\sf NYSE}, {\sf NYSE} \ {\sf Arca}, {\sf NYSE} \ {\sf Amer}.$ 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.

4000

Mast active issues in late tradin

Oct.

Most-active iss	ues i		rading				
Company	Symbol	Volume (000)	Last	Net chg	After Hour % chg	s High	Low
Tesla	TSLA	10,480.8	240.66	-2.02	-0.83	258.04	229.80
BioCryst Pharmaceuticals	BCRX	6,406.1	5.86		unch.	5.99	5.74
SPDR S&P 500 ETF Trust	t SPY	5,172.8	430.76	0.55	0.13	436.90	430.21
Netflix	NFLX	3,947.0	389.00	42.81	12.37	411.87	345.71
Syndax Pharmaceuticals	SNDX	3,687.6	11.89		unch.	11.89	11.89
Petroleo Brasileiro ADR	PBR	3,090.2	16.50	-0.03	-0.15	16.52	16.44
Silk Road Medical	SILK	2,889.2	7.32		unch.	7.48	7.32
Apple	AAPL	2,830.9	175.64	-0.21	-0.12	179.34	175.44
Percentage gaiı	ners.						
Netflix	NFLX	3,947.0	389.00	42.81	12.37	411.87	345.71
Las Vegas Sands	LVS	331.2	46.95	2.35	5.27	47.50	44.59
iSh New York Muni Bd	NYF	645.5	52.85	2.39	4.74	52.85	50.34
Alignment Healthcare	ALHC	243.4	7.75	0.34	4.59	7.75	7.41
Tricon Residential	TCN	127.6	7.32	0.30	4.27	7.32	7.00
And losers							
Equifax	EFX	62.0	163.40	-11.76	-6.71	175.16	156.75
Lam Research	LRCX	115.3	608.00	-34.24	-5.33	646.00	607.50
Dyne Therapeutics	DYN	399.6	7.07	-0.33	-4.46	7.40	7.07
Zions Bancorp	ZION	75.6	34.10	-1.59	-4.46	35.69	33.50
Oscar Health	OSCR	93.1	5.06	-0.18	-3.51	5.49	5.06

Trading Diary

Volume, Advancers, Decliners

	NYSE	NYSE Amer.
Total volume*	858,068,768	9,378,801
Adv. volume*	139,985,180	5,220,003
Decl. volume*	712,041,944	4,079,833
Issues traded	2,968	321
Advances	482	130
Declines	2,412	177
Unchanged	74	14
New highs	26	1
New lows	257	24
	0.96	0.64
Block trades*	4,207	132
	Nasdaq	NYSE Arca
Total volume*/	4,617,146,766	338,427,169
Adv. volume*1	,396,004,373	81,844,846
Decl. volume*3	3,197,809,382	252,753,454
Issues traded	4,412	1,799
Advances	994	233
Declines	3,233	1,549
Unchanged	185	17
New highs	28	18
New lows	303	142
Closing Arms [†]	0.70	0.42
	32,033	1,638

issues with the volume of shares rising and falling. An Arms of less than 1 indicates buying demand; above 1 indicates selling pressure.

Percentage Gainers...

Company	Symbol	— La Close	itest Sessi Net chg	ion — % chg	High	- 52-Wee Low	k —— % chg
Falcon's Beyond Global	FBYD	21.49	9.24	75.43	44.00	7.17	118.6
Otonomo Technologies	отмо	5.30	1.30	32.50	9.90	3.08	35.9
Sigma Additive Solutions	SASI	5.06	1.20	31.09	15.57	2.39	-63.9
Harpoon Therapeutics	HARP	6.64	1.29	24.11	33.55	3.11	-29.1
Spirit AeroSystems CI A	SPR	21.16	3.97	23.09	38.55	14.65	-12.7
Gray Television Cl A	GTN.A	8.50	1.52	21.78	14.05	6.79	-37.0
Simplify Tail Risk Strat	CYA	3.75	0.66	21.20	15.75	2.76	-76.0
Maison Solutions	MSS	6.45	0.96	17.49	11.48	3.76	
GD Culture Group	GDC	2.83	0.37	15.04	44.00	1.80	-43.8
Freeline Therap ADR	FRLN	4.91	0.59	13.66	12.00	2.11	-50.4
Ardelyx	ARDX	3.91	0.46	13.33	5.13	1.16	177.3
Acurx Pharmaceuticals	ACXP	5.76	0.66	12.94	8.82	1.17	91.4
Mobiv Acquisition	MOBV	10.03	1.03	11.44	11.75	9.00	0.1
Celcuity	CELC	9.69	0.99	11.38	14.40	7.50	-3.3
Gravitas Education ADR	GEHI	22.00	2.22	11.22	25.65	11.34	70.4

Percentage Losers

			test Sess	sion —		52-Wee	
Company	Symbol	Close	Net chg	% chg	High	Low	% chg
NuZee	NUZE	2.91	-2.29	-44.04	21.35	2.61	-76.9
Bridger Aerospace	BAER	4.36	-1.78	-28.96	25.90	3.26	-56.2
Prestige Wealth	PWM	2.13	-0.76	-26.30	31.88	2.13	
Generation Bio	GBIO	2.41	-0.70	-22.51	7.35	2.31	-51.1
TPI Composites	TPIC	2.14	-0.55	-20.48	14.80	2.07	-77.7
Shengfeng Development	SFWL	13.68	-3.11	-18.52	17.60	2.94	
Tempest Therapeutics	TPST	5.85	-1.32	-18.41	9.77	0.17	270.3
AdvisorShares MSOS 2x Dly	MSOX	4.01	-0.82	-16.9 8	31.00	2.32	-76.2
Foremost Lithium Resource	FMST	3.00	-0.61	-16.90	10.00	3.00	-54.8
Notable Labs	NTBL	3.70	-0.75	-16.85	11.20	2.85	-22.0
ProKidney	PROK	2.22	-0.45	-16.85	14.19	2.13	-78.1
Arcutis Biotherapeutics	ARQT	3.23	-0.62	-16.10	20.11	3.16	-81.8
Momentus	MNTS	4.19	-0.78	-15.69	79.50	1.03	-93.0
Li-Cycle Holdings	LICY	2.45	-0.45	-15.52	6.58	2.42	-56.1
SeqLL	SQL	13.05	-2.25	-14.71	96.00	9.21	-47.5

July

65-day moving average

Aug.

Most Active Stocks

		Volume	% chg from = 65-day avg	Latest S	ession	52-W	
Company	Symbol	(000)	65-day avg	Close	% chg	High	Low
Shift Technologies	SFT	174,785	8024.2	0.17	58.12	5.90	0.10
SeaStar Medical Holding	ICU	168,532	2231.5	0.77	70.05	22.00	0.16
micromobility.com	MCOM	155,597	343.1	0.05	11.38	27.70	0.03
ProSh UltraPro Shrt QQQ	SQQQ	142,852	10.5	19.61	4.14	63.57	16.38
ProShares UltraPro QQQ	TQQQ	130,196	31.1	36.68	-4.23	47.14	16.10
Tesla	TSLA	116,364	0.9	242.68	-4.78	299.29	101.81
RVL Pharmaceuticals	RVLP	115,709	513.3	0.06	15.69	1.91	0.05
SPDR S&P 500 ETF Trust	SPY	92,984	19.6	430.21	-1.33	459.44	363.54
Treasure Global	TGL	82,602	17285.8	0.44	39.42	3.18	0.18
Direxion Dly SCOND 3 BL	SOXL	80,537	32.5	18.28	-5.28	28.75	7.20
1100 000 J							

* Volumes of 100,000 shares or more are rounded to the nearest thousand



Get real-time U.S. stock quotes and track most-active stocks, new highs/lows, mutual funds and ETFs.

Forex Race

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Volume Movers Ranked by change from 65-day average*

_	Company	Symbol	Volume (000)	% chg from = 65-day avg	Latest S Close	Session % chg	52-W High	eek Low	_
)	Blockchain Coin I Cl A	BCSA	364	5215	10.90	0.18	12.80	10.08	
)	VanEck Natural Rscs	HAP	406	3415	49.02	-0.80	53.40	45.16	
8	Falcon's Beyond Global	FBYD	1,333	3116	21.49	75.43	44.00	7.17	
3	Chain Bridge I Cl A	CBRG	389	2537	10.78	0.09	10.99	9.65	
)	DWS Muni Income Trust	KTF	1,683	2108	7.53	-1.05	9.31	7.53	
	NuZee	NUZE	256	2010	2.91	-44.04	21.35	2.61	
5	RCF Acquisition CI A	RCFA	144	1527	10.97	unch.	11.89	10.08	
ŀ	DoubleLine Shiller Cape	CAPE	424	1463	23.70	-1.41	25.60	20.00	
3	Harpoon Therapeutics	HARP	559	1228	6.64	24.11	33.55	3.11	
)	Olink Holding ADR	OLK	8,661	1206	24.89	0.08	26.47	14.10	

* Common stocks priced at \$2 a share or more with an average volume over 65 trading days of at least 5,000 shares *†*Has traded fewer than 65 days

CURRENCIES & COMMODITIES

Currencies

U.S.-dollar foreign-exchange rates in late New York trading

			US\$ vs,				US\$ vs,
Country/currency	in US\$	Ved — per US\$		Country/currency	in US\$	Ved — per US\$	YTD chg (%)
	11059	per 05¢	(/0)	Vietnam dong	.00004070	24570	4.0
Americas				5	.00004070	24070	-10
Argentina peso		350.0020		Europe			
Brazil real	.1977	5.0577	-4.3	Czech Rep. koruna	.04269	23.427	
Canada dollar	.7290	1.3717	1.2	Denmark krone	.1412	7.0814	1.9
Chile peso	.001063	940.33	10.9	Euro area euro	1.0539	.9489	1.6
Colombia peso	.000235	4250.00	-12.3	Hungary forint	.002743	364.50	-2.4
Ecuador US dollar	1	1	unch	Iceland krona	.007202	138.85	-1.9
Mexico peso	.0548	18.2505	-6.3	Norway krone	.0905	11.0487	12.6
Uruguay peso	.02506	39.9100	-0.2	Poland zloty	.2366	4.2265	-3.5
Asia-Pacific				Russia ruble	.01019	98.110	33.0
Australiadollar	.6338	1.5778	7.5	Sweden krona	.0908	11.0180	5.6
China yuan	.0350	7.3153	6.0	Switzerland franc	1.1125	.8989	-2.8
Hong Kong dollar	.1277	7.8299	0.3	Turkey lira	.0357	28.0028	49.8
India rupee	.01201	83.297	0.5	Ukraine hryvnia	.0273	36.6500	-0.5
India rupee Indonesia rupiah	.0000632	15816	1.6	UK pound	1.2140	.8237	-0.3
	.0000032	149.93		Middle East/Afri	ca		
Japan yen Kazakhstan tenge	.006670	477.84	3.2	Bahrain dinar	2,6541	.3768	-0.1
	.002093	8.0690	0.3		2102 12	.5708	24.9
Macau pataca		8.0690 4.7445	7.7	Egypt pound Israel shekel		4.0272	
Malaysia ringgit New Zealand dollar	.2108	4.7445	8.5	Kuwait dinar	.2483 3.2317	4.0272	14.2
	.5855					.3849	
Pakistan rupee		279.580	23.3 1.9	Oman sul rial	2.5978		
Philippines peso	.0176	56.765		Qatar rial	.2743	3.645	
Singapore dollar	.7282	1.3733	2.4	Saudi Arabia riyal	.2666	3.7510	
South Korea won	.0007378		7.4	South Africa rand	.0527	18.9818	11.5
Sri Lanka rupee	.0030790	324.78			Close Net C	ha %Cha	VTD%Cha
Taiwan dollar	.03085	32.410	5.8				
Thailand baht	.02750	36.370	5.1	WSJ Dollar Index 1	.00.66 0.	29 0.29	4.25
Sources: Tullett Prebo	n. Dow Jon	es Market	Data				
	,						

Commodities

		 Wedne 	esday 💳		• 52-Week •		YTD
	Close	Net chg	% Čhg	High	Low	% Chg	% chg
DJ Commodity	1013.17	10.71	1.07	1071.61	930.59	0.12	-3.39
Refinitiv/CC CRB Index	285.83	2.75	0.97	290.29	253.85	5.34	2.91
Crude oil, \$ per barrel	88.32	1.66	1.92	93.68	66.74	3.24	10.04
Natural gas, \$/MMBtu	3.056	-0.023	-0.75	7.308	1.991	-44.05	-31.71
Gold, \$ per troy oz.	1955.30	32.60	1.70	2048.00	1627.30	20.14	7.45

CREDIT MARKETS

Consumer Rates and Returns to Investor

U.S. consumer rates

Sources: FactSet: Dow Jones Market Data

A consumer rate against its benchmark over the past year



NDJFMAMJJASO 2022 2023

S	New car loan	
/ear	Bankrate.com avg†:	7.53
	First Command Bank	5.99
9.00%	Fort Worth, TX	888-763-760
8.00	Firstrust Bank	5.99
0.00	Philadelphia, PA	800-220-226
7.00	Eastern Bank	6.54
	Boston, MA	781-599-210
6.00	Cambridge Savings Bank	6.56
15.00	Cambridge, MA	888-418-562
)	PNC Bank	6.84
-	Washington, DC	888-PNC-BANI
-Yield/Rate	- (%) - 52-Week Range (%	3-yr cho

Interest rate		(%) Week ago				Rang 4 6	e(%) 8	High	(pct pts)
Federal-funds rate target	5.25-5.50	5.25-5.50	3.00					5.50	5.25
Prime rate*	8.50	8.50	6.25					8.50	5.25
SOFR	5.31	5.31	3.01			•		5.33	5.22
Money market, annual yield	0.58	0.62	0.24	۲				0.62	0.36
Five-year CD, annual yield	2.77	2.83	2.21		۰			2.86	2.15
30-year mortgage, fixed [†]	8.17	7.97	6.36					8.17	5.12
15-year mortgage, fixed [†]	7.26	7.20	5.54					7.26	4.71
Jumbo mortgages, \$726,200-plus	8.24	8.02	6.35					8.24	5.13
Five-year adj mortgage (ARM)	6.88	6.79	5.33			i i		6.88	3.65
New-car loan, 48-month	7.53	7.48	6.02				•	7.64	3.39
Bankrate.com rates based on survey of ov	Bankrate.com rates based on survey of over 4,800 online banks. *Base rate posted by 70% of the nation's largest								

Bankr Bankrate.com rates based on survey of over 4,800 o banks.† Excludes closing costs.

Selected rates

Bankrate.com avg†:	7.53%
First Command Bank	5.99%
Fort Worth, TX	888-763-7600
Firstrust Bank	5.99%
Philadelphia, PA	800-220-2265
Eastern Bank	6.54%
Boston, MA	781-599-2100
Cambridge Savings Bank	6.56%
Cambridge, MA	888-418-5626
PNC Bank	6.84%
Washington, DC	888-PNC-BANK

Sources: FactSet; Dow Jones Market Data; Bankrate.com

Treasury yield curve
Yield to maturity of current bills,
notes and bonds

5.00 4.00 One year ago 3.00 1 361 month(s) ye

- mat

Sources: Tradeweb ICE U.S. Tre rket Data

Corporate Borrowing Rates and Yields

Bond total return index	Close		l (%) — Week ago	— 52-W High	/eek — Low	Total Return (%) 52-wk 3-yr
U.S. Treasury, Bloomberg	2024.220	5.100	4.810	5.100	3.610	-1.247 -6.159
U.S. Treasury Long, Bloomber	rg 2750.690	5.160	4.860	5.160	3.610	-9.909 -16.588
Aggregate, Bloomberg	1886.460	5.710	5.370	5.710	4.180	-0.097 -5.800
Fixed-Rate MBS, Bloomber	rg 1836.310	6.020	5.570	6.020	4.140	-1.344 -5.914
High Yield 100, ICE BofA	3244.000	9.008	8.604	9.008	7.022	7.646 0.564
Muni Master, ICE BofA	545.281	4.213	4.021	4.221	2.757	0.873 -2.330
EMBI Global, J.P. Morgan	760.110	8.766	8.479	9.159	7.102	8.084 -5.421
9	Sources: J.P. N	/lorgan; B	loomberg F	Fixed Inco	me Indice	s; ICE Data Services

irity of current bills, nds	Yen, euro vs. dollar; dollar major U.S. trading partner	
Tradeweb ICE 6.00% Wednesday Close	14%Euro	

major U.S	. trading	partners	
1/1%	N.	Euro	



7	W35 Dollar Index
4	2022 2023

7 10 20 30	2022 2023
reasury Close: Tullett P	Prehon: Dow, Jones Mar

M V ma M	Japan yen
have a free second seco	Kazakhstan tenge
	Macau pataca
	Malaysia ringgit
23	New Zealand dolla
	Pakistan rupee

	2.00	-7	have
		-14	
2 3 5 7 10 20 ears	30		2022 2
turity —	-		

COMMODITIES

Open

interest

THE WALL STREET JOURNAL.

wsj.com/market-data/commodities

Wednesday, October 18, 2023

Futures Contracts

	М	eta <u>l & P</u>	etroleum	Future	s	
			tract			Open
Connor	Open	High h		Settle	Chg	interest
Copper Oct	3.6080	3.6080	0 lbs.; \$ per lb. 3,5785	3.5820	0.0065	929
Dec	3.5900	3.6305	3.5750	3.5870	0.0085	141,872
Gold (C		roy oz.; \$ pe				
Oct	1935.00	1957.90	1935.00	1955.30	32.60	419
Nov	1926.60	1966.10		1958.80	32.40	1,687
Dec Feb'24	1936.70 1956.10	1975.80	1935.90	1968.30 1988.10	32.60 32.70	358,000
April	1956.10	1995.40 2013.30	1956.00 1976.20	2007.60	33.00	41,840 19,820
June	1999.80	2033.90	1998.30	2027.40	33.00	10,580
Palladi	um (NYM) - 50 troy o	z.; \$ per troy o	Ζ.		
Oct				1126.50	-23.40	1
Dec	1139.00	1152.00	▼ 1110.50	1134.00	-12.70	19,304
Platinu Oct	901.30	-50 troy oz.; 901.30	\$ per troy oz. 901.30	884.60	-12.30	93
Jan'24	901.30	914.70	885.80	894.30	-11.90	79,086
			5 per troy oz.	07 1120	11.70	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Oct	22.790	22.885	22.765	22.944	0.081	31
Dec	22.975	23.490	22.840	23.099	0.075	98,495
			YYM) -1,000 b			74.041
Nov Dec	87.81 86.41	89.88 88.57	87.20 86.25	88.32 87.27	1.66 1.83	76,917 302,777
Jan'24	85.39	87.26	85.02	86.09	1.85	178,011
March	83.18	84.97	83.05	84.03	1.61	106,809
June	81.13	82.66	80.95	81.89	1.38	167,579
Dec	78.29	79.44	78.07	78.76	1.03	153,637
			2,000 gal.; \$ p		0074	50 (51
Nov Dec	3.1789 3.0534	3.2120 3.0922	3.1150 3.0190	3.1393 3.0454	0374 0078	53,655 69,420
)-42,000 gal.;		0078	09,420
Nov	2.2899	2.3020	2.2594	2.2845	.0115	55,195
Dec	2.2701	2.2892	2.2466	2.2725	.0148	96,407
			MMBtu.; \$ pe			
Nov	3.061	3.158	3.037	3.056	023 005	87,793
Dec Jan'24	3.450 3.688	3.542 3.776	3.441 3.683	3.463 3.706	005	138,672 207,099
Feb	3.631	3.710	3.623	3.647	001	61,174
	3.355	3.426			003	151,919
March	2.222	2.420	3.348	3.364	005	
	3.146	3.191	3.124	3.364 3.140	005	
		3.191	3.124	3.140		
April	3.146	3.191 Agrice	3.124 ulture Fut	3.140		
April Corn (C	3.146 BT) -5,000	3.191 Agric bu.; cents p	3.124 ulture Fut erbu.	3.140 S ures	006	90,230
April Corn (C Dec	3.146 BT) -5,000 488.50	3.191 Agricu bu.; cents p 494.00	3.124 ulture Fut erbu. 488.50	3.140 cures 492.00	006 3.00	90,230
April Corn (C Dec March'24	3.146 BT) -5,000 488.50 503.50	3.191 Agrico bu.; cents p 494.00 508.50	3.124 ulture Fut erbu. 488.50 503.25	3.140 S ures	006	90,230
April Corn (C Dec March'24 Oats (C	3.146 BT) -5,000 488.50 503.50	3.191 Agricu bu.; cents p 494.00	3.124 ulture Fut erbu. 488.50 503.25	3.140 cures 492.00	006 3.00	90,230 652,884 309,277
April Corn (C Dec March'24 Dats (C Dec March'24	3.146 BT) -5,000 488.50 503.50 BT) -5,000 382.50 396.25	3.191 Agricu bu.; cents p 494.00 508.50 bu.; cents p 382.50 397.00	3.124 ulture Fut 488.50 503.25 erbu. 370.50 391.00	3.140 Cures 492.00 506.50	006 3.00 2.75	90,230 652,884 309,277 2,792
April Corn (C Dec March'24 Oats (C Dec March'24 Soybea	3.146 BT)-5,000 488.50 503.50 BT)-5,000 382.50 396.25 ans (CBT)	3.191 Agricu bu; cents p 494.00 508.50 bu; cents p 382.50 397.00 -5,000 bu; c	3.124 erbu. 488.50 503.25 erbu. 370.50 391.00 cents perbu.	3.140 Aures 492.00 506.50 371.00 390.25	006 3.00 2.75 -3.25 -4.00	90,230 652,884 309,277 2,792 1,054
April Corn (C Dec March'24 Oats (C Dec March'24 Soybea Nov	3.146 BT)-5,000 488.50 503.50 BT)-5,000 382.50 396.25 ans (CBT) 1297.00	3.191 Agricu bu; cents p 494.00 508.50 bu; cents p 382.50 397.00 -5,000 bu; c 1313.00	3.124 er bu. 488.50 503.25 er bu. 370.50 391.00 cents per bu. 1293.25	3.140 Aures 492.00 506.50 371.00 390.25 1311.00	006 3.00 2.75 -3.25 -4.00 14.25	90,230 652,884 309,277 2,792 1,054 243,235
April Corn (C Dec March'24 Oats (C Dec March'24 Soybea Nov Jan'24	3.146 BT) -5,000 488.50 503.50 BT) -5,000 382.50 396.25 ANS (CBT) 1297.00 1316.25	3.191 Agricu bu; cents p 494.00 508.50 bu; cents p 382.50 397.00 -5,000 bu; c 1313.00 1331.00	3.124 erbu. 488.50 503.25 erbu. 370.50 391.00 tents perbu. 1293.25 1312.25	3.140 AUTES 492.00 506.50 371.00 390.25 1311.00 1329.25	006 3.00 2.75 -3.25 -4.00	90,230 652,884 309,277 2,792 1,054 243,235
April Corn (C Dec March'24 Oats (C Dec March'24 Soybea Nov Jan'24 Soybea	3.146 BT) -5,000 488.50 503.50 BT) -5,000 382.50 396.25 ANS (CBT) 1297.00 1316.25	3.191 Agricu bu; cents p 494.00 508.50 bu; cents p 382.50 397.00 -5,000 bu; c 1313.00 1331.00	3.124 er bu. 488.50 503.25 er bu. 370.50 391.00 cents per bu. 1293.25	3.140 AUTES 492.00 506.50 371.00 390.25 1311.00 1329.25	006 3.00 2.75 -3.25 -4.00 14.25	90,230 652,884 309,277 2,792 1,054 243,235 200,715
April Corn (C Dec March'24 Oats (C Dec March'24 Soybea Nov Jan'24 Soybea Dec Jan'24	3.146 BT)-5,000 488,50 503,50 BT)-5,000 382,50 396,25 ans (CBT) 1297,00 1316,25 ans Meal (399,80 399,40	3.191 Agricu bu; cents p 494.00 508.50 bu; cents p 382.50 397.00 -5,000 bu; c 1313.00 1311.00 cBT)-100 t 415.10 407.00	3.124 alture Fut 488.50 503.25 er bu. 370.50 391.00 cents per bu. 1293.25 1312.25 cons; \$ per ton. 398.90 393.20	3.140 ures 492.00 506.50 371.00 390.25 1311.00 1329.25 413.80 406.30	006 3.00 2.75 -3.25 -4.00 14.25 13.00	90,230 652,884 309,277 2,792 1,054 243,235 200,715 177,700
April Corn (C Dec March'24 Oats (C Dec March'24 Soybea Nov Jan'24 Soybea Dec Jan'24 Soybea	3.146 BT)-5,000 488.50 503.50 BT)-5,000 382.50 396.25 ans (CBT) 1297.00 1316.25 an Meal (399.80 394.60 an Oil (CB	3.191 Agricu bu; cents p 494.00 508.50 bu; cents p 382.50 397.00 -5,000 bu; (1313.00 cBT)-100 tu 415.10 407.00 T)-60,000	3.124 alture Fut 488.50 503.25 er bu. 370.50 391.00 cents per bu. 1293.25 1312.25 cons; \$ per ton. 398.90 393.20 lbs; cents per l	3.140 ures 492.00 506.50 371.00 390.25 1311.00 1329.25 413.80 406.30	006 3.00 2.75 -3.25 -4.00 14.25 13.00 14.00 11.60	90,230 652,884 309,277 1,054 243,235 200,715 177,700 112,738
April Corn (C Dec March'24 Oats (C Dec March'24 Soybea Jan'24 Soybea Jan'24 Soybea Jan'24 Soybea Dec	3.146 BT)-5,000 488.50 503.50 BT)-5,000 382.50 396.25 ans (CBT) 1297.00 1316.25 an Meal (399.80 394.60 an Oli (CB 55.44	3.191 Agric(bu; cents p 494.00 508.50 bu; cents p 382.50 397.00 -5,000 bu; (1313.00 CBT)-100 t 415.10 407.00 T)-60,000 55.90	3.124 alture Fut erbu. 370.50 391.00 cents perbu. 1293.25 1312.25 ons; \$ per ton. 398.90 393.20 bls; cents perl 54.73	3.140 ures 492.00 506.50 371.00 390.25 1311.00 1329.25 413.80 406.30 b. 54.86	006 3.00 2.75 -3.25 -4.00 14.25 13.00 14.00 11.60 49	90,230 652,884 309,277 2,792 1,054 243,235 200,715 177,700 112,738 147,425
April Corn (C Dec March'24 Oats (C Dec Nov Jan'24 Soybea Jan'24 Soybea Jan'24 Soybea Jan'24 Soybea Jan'24	3.146 BT)-5,000 488.50 503.50 BT)-5,000 382.50 396.25 ans (CBT) 1297.00 1316.25 an Meal (399.80 394.60 an Oil (CB 55.44 54.72	3.191 Agricu bu; cents p 494.00 508.50 bu; cents p 382.50 397.00 -5,000 bu; (1313.00 CBT)-100 tt 415.10 407.00 T)-60,000 55.511	3.124 alture Fut 488.50 503.25 er bu. 370.50 391.00 cents per bu. 1293.25 1312.25 1352.57 1353.57 1355.57 1	3.140 ures 492.00 506.50 371.00 390.25 1311.00 1329.25 413.80 406.30	006 3.00 2.75 -3.25 -4.00 14.25 13.00 14.00 11.60	90,230 652,884 309,277 2,792 1,054 243,235 200,715 177,700 112,738 147,425
April Corn (C Dec March'24 Oats (C Dec March'24 Soybea Jan'24 Soybea Jan'24 Soybea Jan'24 Rough	3.146 BT)-5,000 488.50 503.50 BT)-5,000 382.50 396.25 ans (CBT) 1297.00 1316.25 an Meal (399.80 394.60 an Oil (CB 55.44 54.72	3.191 Agricu bu; cents p 494.00 508.50 bu; cents p 382.50 397.00 -5,000 bu; (1313.00 CBT)-100 tt 415.10 407.00 T)-60,000 55.511	3.124 alture Fut erbu. 370.50 391.00 cents perbu. 1293.25 1312.25 ons; \$ per ton. 398.90 393.20 bls; cents perl 54.73	3.140 ures 492.00 506.50 371.00 390.25 1311.00 1329.25 413.80 406.30 b. 54.86	006 3.00 2.75 -3.25 -4.00 14.25 13.00 14.00 11.60 49	90,230 652,884 309,277 2,792 1,054 243,235 200,719 177,700 112,738 147,429 88,629
April Corn (C Dec March'24 Oats (C Dec March'24 Soybea Dec Jan'24 Soybea Dec Jan'24 Soybea Dec Jan'24 Nov	3.146 BT)-5,000 488.50 503.50 BT)-5,000 382.50 396.25 ans (CBT) 1297.00 1316.25 an Meal (399.80 394.60 an Oil (CB 55.44 54.72 Rice (CB1	3.191 Agric(bu; cents p 494.00 508.50 bu; cents p 382.50 397.00 -5,000 bu; 1313.00 CBT -100 t 415.10 407.00 T -60,000 55.90 55.91 T -2,2000 cw	3.124 alture Fut 488.50 503.25 er bu. 370.50 391.00 cents per bu. 1293.25 1312.25 005; \$ per ton. 398.90 393.20 lbs; cents perl 54.73 53.95 rt; \$ per cwt.	3.140 492.00 506.50 371.00 390.25 1311.00 1329.25 413.80 406.30 b. 54.86 54.88	006 3.00 2.75 -3.25 -4.00 14.25 13.00 14.00 11.60 49	90,230 652,884 309,277 1,054 243,235 200,719 177,700 112,738 147,429 88,629 5,620
April Corn (C Dec March'24 Oats (C Dec March'24 Soybea Jan'24 Soybea Jan'24 Soybea Dec Jan'24 Rough Nov Jan'24 Wheat	3.146 BT)-5,000 488,50 503,50 BT)-5,000 382,50 396,25 ans (CBT) 1297,00 1316,25 an Meal (399,80 394,60 an Oil (CB 55,44 54,72 Rice (CBT)-5,0	3.191 Agric(bu; cents p 494.00 508.50 bu; cents p 382.50 397.00 -5,000 bu; c 1313.00 CBT -100 t 407.00 T)-60,000 55.91 T)-60,000 55.91 T)-60,000 55.91 T)-60,000 55.91 D] 55.91 D] 55.94 D] 50.91 D] 50.91 D] 50.91 D] 50.91 D] 50.91 D] 50.91 D] 50.91 D] 55.94 D] 50.91 D	3.124 alture Fut 488.50 503.25 er bu. 391.00 cents per bu. 1293.25 1312.25 132.55 132.	3.140 492.00 506.50 371.00 390.25 1311.00 1329.25 413.80 406.30 b. 54.86 54.08 15.86 16.24	006 3.00 2.75 -3.25 -4.00 14.25 13.00 14.00 11.60 49 55 .01	90,230 652,884 309,277 2,792 1,054 243,239 200,719 112,738 147,429 88,629 5,620 4,143
April Corn (C Dec March'24 Oats (C Dec March'24 Soybea Jan'24 Soybea Jan'24 Rough Nov Jan'24 Wheat Dec	3.146 BT)-5,000 488.50 503.50 BT)-5,000 382.50 396.25 an Cell 1297.00 1316.25 an Meal (399.80 394.60 an Oll (CB 54.4 54.72 Rice (CBT) 15.86 15.86 (CBT)-5.00	3.191 Agric(bu; cents p 494.00 508.50 bu; cents p 382.50 397.00 (1313.00 (287)-100 ft 415.10 407.00 (55.90 55.90 55.90 55.11 (7-2,000 cw 15.94 16.31 00 bu; cent 584.00	3.124 alture Fut 488.50 503.25 er bu. 370.50 391.00 cents per bu. 1293.25 1312.25 1312.25 005; \$ per ton. 398.90 393.20 lbs; cents perl 54.73 53.95 rt; \$ per cwt. 15.83 16.21 s per bu. 571.25	3.140 492.00 506.50 371.00 390.25 1311.00 1329.25 413.80 406.30 b. 54.86 54.08 15.86 16.24 580.25	006 3.00 2.75 -3.25 -4.00 14.25 13.00 14.00 11.60 49 55 .01 9.75	90,230 652,884 309,277 2,792 1,054 243,235 200,715 177,700 112,738 147,425 88,625 5,626 4,141 231,011
April Corn (C Dec March'24 Dats (C Dec March'24 Soybez Jan'24 Jan'24 Jan'24 Soybez Jan'24 Mota Var Var Var Var Var Var Var Var Var Va	3.146 BT)-5,000 488,50 503,50 BT)-5,000 382,50 396,25 an (CBT) 1297,00 1316,25 an Meal (399,80 394,60 394,60 an Oil (CB 55,44 55,44 55,44 55,44 55,44 54,72 Rice (CB T) 15,86 16,24 (CBT)-5,0 50,25	3.191 Agrict bu; cents p 494,00 508.50 bu; cents p 382.50 397.00 1313.00 1331.00 1331.00 1331.00 CBD-100 t 415.10 407.00 75.90 55.90 55.90 55.90 55.91 10-2,000 4 16.31 00 bu; cent 584.00 611.25	3.124 alture Fut 488.50 503.25 er bu. 370.50 391.00 cents per bu. 1293.25 1312.25 1312.25 cons; \$ per ton. 398.20 393.20 bls; cents per j 54.73 53.95 t; \$ per cwt. 15.83 16.21 s per bu. 571.25 599.00	3.140 492.00 506.50 371.00 390.25 1311.00 1329.25 413.80 406.30 b. 54.86 54.08 15.86 16.24	006 3.00 2.75 -3.25 -4.00 14.25 13.00 14.00 11.60 49 55 .01	90,230 652,884 309,277 2,792 1,054 243,235 200,715 177,700 112,738 147,425 88,625 5,626 4,141 231,011
April Corn (C Corn (C Dec March'24 Dats (C Dec Soybez Soybez Dec Dec Dec Jan'24 Soybez Jan'24 Soybez Jan'24 March'24 Wheat	3.146 BT)-5,000 488,50 503,50 BT)-5,000 382,50 396,25 ans (CBT) 1297,00 1316,25 an Meal (399,80 394,60 an Oil (CB 55,44 54,72 Rice (CBT) 15,86 16,24 (CBT)-5,00 572,50 600,25 (KC)-5,00	3.191 Agric(bu; cents p 494,00 508.50 bu; cents p 382.50 397.00 -5,000 bu; (1313.00 -5,000 bu; (1313.00 -5,000 bu; (415.10 407.00 55.91 -5,000 cw 15.94 16.31 00 bu; cents 58.400 611.25 0 bu; cents	3.124 alture Fut 488.50 503.25 er bu. 370.50 391.00 cents per bu. 1293.25 1312.25 1312.25 500; \$ per ton. 398.90 393.20 lbs; cents per ton. 398.90 393.20 lbs; cents per ton. 54.73 53.95 t.; \$ per cwt. 15.83 16.21 s per bu. 571.25 599.00 per bu.	3.140 492.00 506.50 371.00 390.25 1311.00 1329.25 413.80 406.30 54.86 54.08 15.86 16.24 580.25 608.00	006 3.00 2.75 -3.25 -4.00 14.25 13.00 14.00 11.60 49 55 .01 9.75 9.25	90,230 652,884 309,277 2,792 1,054 243,232 200,719 177,700 112,738 147,425 88,625 5,626 4,141 231,011 93,425
April Corn (C Dec March'24 Dats (C Dec March'24 Soybez Vaw Soybez Dec Jan'24 Wheat Dec March'24 Wheat Dec	3.146 BT)-5,000 488,50 503,50 BT)-5,000 382,50 396,25 ans (CBT) 1297,00 1316,25 an Meal (399,80 394,60 an Oil (CB 394,60 an Oil (CB 55,44 54,72 Rice (CBT)-5,0 55,72,50 (60,25 (KC)-5,00 668,50	3.191 Agrict bu; cents p 494,00 508.50 bu; cents p 382.50 397.00 1313.00 1331.00 1331.00 1331.00 CBD-100 t 415.10 407.00 75.90 55.90 55.90 55.90 55.91 10-2,000 4 16.31 00 bu; cent 584.00 611.25	3.124 alture Fut 488.50 503.25 er bu. 370.50 391.00 cents per bu. 1293.25 1312.25 1312.25 cons; \$ per ton. 398.20 393.20 bls; cents per j 54.73 53.95 t; \$ per cwt. 15.83 16.21 s per bu. 571.25 599.00	3.140 492.00 506.50 371.00 390.25 1311.00 1329.25 413.80 406.30 b. 54.86 54.08 15.86 16.24 580.25	006 3.00 2.75 -3.25 -4.00 14.25 13.00 14.00 11.60 49 55 .01 9.75	90,230 652,884 309,277 1,054 243,233 200,719 127,700 112,738 147,429 88,629 5,620 4,14: 231,011 93,429
April Corn (CC Dec March'24 Dats (C) Dec March'24 Soybez Jan'24 Soybez Jan'24 Soybez Jan'24 Soybez Dec Jan'24 Wheat Wheat Wheat March'24 What	3.146 BT)-5,000 488,50 503,50 BT)-5,000 382,50 396,25 an S(CBT) 1297,00 1316,25 an Meal (399,80 399,80 399,80 an Oil (CB 55,44 55,44 55,44 55,44 55,44 55,44 55,44 55,44 55,45 15,86 16,24 (CBT)-5,00 600,25 ((CC)-5,000 668,500 668,500 667,700	3.191 Agrict bu; cents p 494,00 508.50 bu; cents p 382.50 397.00 -5,000 bu; cents 415.10 407.00 T)-60,000 55.90 55.11 T)-60,000 55.90 55.11 T)-60,000 55.90 55.11 T)-60,000 611.25 0 bu; cents 678.00 648.25	3.124 alture Fut 488.50 503.25 er bu. 1293.25 1312.25 1312.25 1312.25 1312.25 1312.25 1312.25 1312.25 132.35 154.73 53.95 154.73 53.95 15.473 15.83 16.21 5 per cut. 571.25 599.00 per bu. 667.50	3.140 UPCS 492.00 506.50 371.00 390.25 1311.00 1329.25 413.80 406.30 b. 54.86 54.08 15.86 16.24 580.25 608.00 670.50 679.00	006 3.00 2.75 -3.25 -4.00 14.25 13.00 14.00 11.60 49 55 0.01 9.75 9.25 3.75	90,230 652,884 309,277 1,054 243,238 200,715 177,700 112,738 147,425 88,625 5,626 4,141 231,011 93,425 118,412
April Corn (C Dec March'24 Dats (C Dec Soybez Soybez Soybez Dec Dec Dec Jan'24 Soybez Jan'24 March'24 Wheat Dec March'24 Wheat Dec March'24 Cattle- Oct	3.146 BT)-5,000 488,50 503,50 BT)-5,000 382,50 396,25 ans (CBT) 1297,00 1316,25 an Meal (399,80 394,60 an Oil (CB 55,44 54,72 Rice (CBT)-5,0 572,50 600,25 (KC)-5,00 667,500 667,500 Feeder (248,650	3.191 Agric(bu; cents p 494.00 508.50 bu; cents p 382.50 397.00 -5,000 bu; (1313.00 -5,000 bu; (1313.00 -415.10 407.00 T)-60,000 55.90 55.11 D)-2,000 cw 15.94 16.31 00 bu; cents 584.00 611.25 0 bu; cents 678.00 642.55 CME)-50,0 248.675	3.124 alture Fut 488.50 503.25 er bu. 1293.25 ary 1.00 cents per bu. 1293.25 ary 1.00 cents per bu. 54.73 53.95 rt.; \$ per cwt. 15.83 16.21 s per bu. 571.25 599.00 per bu. 675.00 676.00 00 lbs; cents per 246.800	3.140 492.00 506.50 371.00 390.25 1311.00 1329.25 413.80 406.30 15.86 15.86 16.24 580.25 608.00 670.50 670.50 00	006 3.00 2.75 -3.25 -4.00 14.25 13.00 14.00 11.60 49 55 0.01 9.75 9.25 3.75 3.25 -1.675	90,230 652,884 309,277 2,792 1,054 243,232 200,719 177,700 112,738 147,425 88,625 5,626 4,141 231,011 93,425 118,412 57,866 3,610
April Corn (C Corn (C Corn (C March'24 Oats (C Oac Warch'24 Soybez Dec Jan'24 Wheat Dec March'24 Wheat Dec March'24 Wheat Dec March'24 Cattle- Oct Oct	3.146 BT)-5,000 488,50 503,50 BT)-5,000 382,50 396,25 ans (CBT) 1297,00 1316,25 an Meal (399,80 394,60 an Oil (CB 399,80 394,60 an Oil (CB 55,44 55,44 54,72 Rice (CBT)-5,00 572,50 600,25 (KC)-5,00 668,50 677,00 Feeder (248,650 252,500	3.191 Agric(bu; cents p 494,00 508.50 bu; cents p 382.50 397.00 407.00 407.00 CBT -100 t 415.10 CBT -100 t CBT -100	3.124 alture Fut 488.50 503.25 er bu. 370.50 391.00 cents per bu. 1293.25 1312.25 1312.25 1312.25 500; \$ per ton. 398.90 393.20 lbs; cents per lon. 54.73 54.630 250.375	3.140 492.00 506.50 371.00 390.25 1311.00 1329.25 413.80 406.30 b 54.86 54.86 16.24 580.25 608.00 670.50 679.00 0erlb. 247.125 250.900	006 3.00 2.75 -3.25 -4.00 14.25 13.00 14.00 11.60 49 55 0.01 9.75 9.25 3.75 3.25	90,230 652,884 309,277 2,792 1,054 243,232 200,719 177,700 112,738 147,425 88,625 5,626 4,141 231,011 93,425 118,412 57,866 3,610
April Corn (CC Dec March'24 Dats (C) Dec Dec Dec Soybez Jan'24 Soybez Dec Jan'24 Soybez Dec Jan'24 Wheat Wheat Wheat March'24 Wheat March'24 Cattle- Oct Jan'24 Cattle- Oct	3.146 BT)-5,000 488,50 503,50 BT)-5,000 382,50 396,25 an Kett 1297,00 1316,25 an Meal (399,80 399,80 399,80 an Oil (CB 55,44 55,44 55,44 55,44 55,44 55,44 55,44 55,44 55,44 55,44 55,44 55,45 15,86 16,24 (CBT)-5,00 600,25 (KC)-5,000 668,50 677,00 Feeder (248,650 252,500 Live (CM	3.191 bu; cents p 494,00 508.50 bu; cents p 382.50 397.00 c5,000 bu; cents 337.00 c5,000 bu; cents 1331.00 cBT)-100 t 415.10 407.00 cD)-2,000 cw 15.94 16.31 00 bu; cents 678.00 611.25 0 bu; cents 678.00 686.25 cME)-50,0 248.675 252.900 E)-40,000 l	3.124 alture Fut 488.50 503.25 er bu. 370.50 391.00 cents per bu. 1293.25 1312.25 cons; \$ per ton. 398.90 393.20 kbs.; cents per 1 54.73 53.95 cents per w. 571.25 599.00 per bu. 675.00 676.00 00 lbs.; cents per 1 246.800 250.375 bs; cents per len	3.140 UPCS 492.00 506.50 371.00 390.25 1311.00 1329.25 413.80 406.30 b. 54.86 54.08 15.86 16.24 580.25 608.00 679.00 00 07.50 679.00 00 07.125 225.900 b.	006 3.00 2.75 -3.25 -4.00 14.25 13.00 14.20 14.00 11.60 49 55 .01 9.75 9.25 3.25 -1.675 -1.900	90,230 652,884 309,277 2,792 200,715 177,700 112,738 147,425 88,625 5,626 4,141 231,011 93,425 118,412 57,866 3,610
April Corn (CC Dec March'24 Dats (CC Dec March'24 Soybez Dec Jan'24 Dec Jan'24 Dec Jan'24 March'24 Wheat Dec March'24 Wheat Dec March'24 Cattle- Dec Cattle- Dec Cattle- Dec	3.146 BT)-5,000 488,50 503,50 BT)-5,000 382,50 ans (CBT) 1297,00 1316,25 ans (CBT) 1297,00 1316,25 ans (CBT) 399,80 394,60 an Oil (CB 55,44 54,72 Rice (CBT) 15,86 16,24 (CBT)-5,00 600,25 (KC)-5,00 668,50 677,00 Feeder (248,650 252,500 Live (CM) 185,850	3.191 Agric(bu; cents p 494,00 508.50 bu; cents p 382.50 397.00 1313.00 1331.00 1331.00 415.10 407.00 70-60,000 55.90 55.11 70-2,000 cw 15.94 16.31 00 bu; cents 678.00 686.25 CME)-50,00 248.675 252.900 E)-40,0001	3.124 alture Fut 488.50 503.25 er bu. 370.50 391.00 cents per bu. 1293.25 1312.25 cons; \$ per ton. 398.90 393.20 bls; cents per 1 54.73 53.95 599.00 per bu. 667.50 676.00 00 lbs; cents per 1 246.800 00 lbs; cents per 1 246.800 00 lbs; cents per 1 246.800 00 lbs; cents per 1 250.375 bs; cents per 1 185.300	3.140 492.00 506.50 371.00 390.25 1311.00 1329.25 413.80 406.30 b. 54.86 54.86 54.86 15.86 16.24 580.25 608.00 679.00 679.00 547.125 250.900 b. 185.725	006 3.00 2.75 -3.25 -4.00 14.25 13.00 14.25 13.00 14.25 13.00 -4.99 55 0.01 9.75 3.25 -1.675 -1.900 .225	90,230 652,884 309,277 2,792 1,054 243,235 200,719 177,700 112,738 147,425 88,625 5,626 4,141 231,011 93,425 57,866 3,610 19,627 6,074
April Corn (C Dec March'24 Dats (C Dec Soybez Soybez Soybez Dec Dec Dec Dec Dec Jan'24 Soybez Jan'24 March'24 Wheat Dec March'24 Wheat Dec March'24 Cattle- Dec Dec Dec Dec Dec Dec Dec Dec Dec Dec	3.146 BT)-5,000 488,50 503,50 BT)-5,000 382,50 396,25 ans (CBT) 1297,00 1316,25 an Meal (399,80 394,60 an Oil (CB 55,44 54,72 Rice (CBT)-5,0 572,50 600,25 (KC)-5,00 668,50 668,50 668,50 668,50 672,50 KC)-5,00 Feeder (248,650 252,500 Live (CM 185,850 187,050	3.191 Agrict bu; cents p 494.00 508.50 bu; cents p 382.50 397.00 -5,000 bu; (1313.00 -5,000 bu; (1313.00 -5,000 bu; (687)-100 t -60,000 55.90 55.11 -0-2,000 cw 15.94 16.31 00 bu; cents 584.00 611.25 0 bu; cents 678.00 686.25 CME)-50,00 248.675 252.900 E)-40,0001 186.125 E)-40,0001 186.125 E)-40,0001 187.650	3.124 alture Fut er bu. 488.50 503.25 er bu. 1293.25 aryon (2000) cents per bu. 1293.25 aryon (2000) cents per bu. 54.73 393.20 lbs; cents per ton. 393.20 lbs; cents per cwt. 571.25 599.00 per bu. 667.50 676.00 250.375 bs; cents pert 246.800 250.375 bs; cents pert aryon (2000) aryon	3.140 492.00 506.50 371.00 390.25 1311.00 1329.25 413.80 406.30 54.86 54.08 15.86 16.24 580.25 608.00 670.50 670.50 670.50 00 670.50 00 571.52 250.900 b. 185.725 187.200	006 3.00 2.75 -3.25 -4.00 14.25 13.00 14.20 14.00 11.60 49 55 .01 9.75 9.25 3.25 -1.675 -1.900	90,230 652,884 309,277 2,792 1,054 243,235 200,719 177,700 112,738 147,425 88,625 5,626 4,141 231,011 93,425 57,866 3,610 19,627 6,074
April Corn (CC Dec March'24 Oats (C) Dec March'24 Soybez Jan'24 Soybez Jan'24 Soybez Jan'24 Soybez Jan'24 Mheat Dec March'24 Wheat Dec March'24 Cattle- Dec Jan'24 Cattle- Dec Jan'24 Mheat Dec March'24 Cattle- Dec March'24 Cattle- Dec March'24 Cattle- Dec	3.146 BT)-5,000 488,50 503,50 BT)-5,000 382,50 396,25 ans (CBT) 1297,00 1316,25 an Meal (399,80 394,60 an Oil (CB 55,44 54,72 Rice (CBT)-5,0 572,50 600,25 (KC)-5,00 668,50 668,50 668,50 668,50 672,50 KC)-5,00 Feeder (248,650 252,500 Live (CM 185,850 187,050	3.191 Agrict bu; cents p 494.00 508.50 bu; cents p 382.50 397.00 -5,000 bu; (1313.00 -5,000 bu; (1313.00 -5,000 bu; (687)-100 t -60,000 55.90 55.11 -0-2,000 cw 15.94 16.31 00 bu; cents 584.00 611.25 0 bu; cents 678.00 686.25 CME)-50,00 248.675 252.900 E)-40,0001 186.125 E)-40,0001 186.125 E)-40,0001 187.650	3.124 alture Fut 488.50 503.25 er bu. 370.50 391.00 cents per bu. 1293.25 1312.25 cons; \$ per ton. 398.90 393.20 bls; cents per 1 54.73 53.95 599.00 per bu. 667.50 676.00 00 lbs; cents per 1 246.800 00 lbs; cents per 1 246.800 00 lbs; cents per 1 246.800 00 lbs; cents per 1 250.375 bs; cents per 1 185.300	3.140 492.00 506.50 371.00 390.25 1311.00 1329.25 413.80 406.30 54.86 54.08 15.86 16.24 580.25 608.00 670.50 670.50 670.50 00 670.50 00 571.52 250.900 b. 185.725 187.200	006 3.00 2.75 -3.25 -4.00 14.25 13.00 14.25 13.00 14.25 13.00 -4.99 55 0.01 9.75 3.25 -1.675 -1.900 .225	90,230 652,884 309,277 2,792 1,054 243,232 200,715 2200,715 2177,700 112,738 88,625 5,626 4,141 231,011 93,425 118,412 57,866 3,610 19,627 125,122
April Corn (CC Dec March'24 Dats (C Dec March'24 Soybez Soybez Dec Jan'24 Dec Jan'24 Dec Jan'24 March'24 Wheat Dec March'24 Wheat Dec March'24 Cattle- Dec Dec Exet Dec Sot Dec Seb Cattle- Dec Seb Cattle- Dec Seb Cattle- Dec Seb Cattle- Dec	3.146 BT)-5,000 488,50 503,50 BT)-5,000 382,50 ans (CBT) 1297,00 1316,25 ans (CBT) 1316,25 ans (CBT) 1316,25 5,44 5,44 5,44 5,44 5,44 5,44 5,54 15,86 16,24 (CBT)-5,00 600,25 (KC)-5,00 668,50 672,00 Feeder (248,650 252,500 Live (CM 185,850 187,050 72,125	3.191 Agric(bu; cents p 494,00 508.50 bu; cents p 382.50 397.00 413.130 (BCP)-100 t 415.10 407.00 70-60,000 55.90 55.11 00 bu; cents 678.00 611.25 0 bu; cents 678.00 646.25 CME)-50,000 ll 646.25 CME)-50,000 ll 647.000 ll 647.0000 ll 647.0000 ll 647.0000 ll 647.0000 ll 647.0000 ll 647.	3.124 alture Fut er bu. 370.50 391.00 cents per bu. 1293.25 005; \$ per ton. 398.90 393.20 155; cents per ton. 398.90 393.20 155; cents per ton. 54.73 53.95 t; \$ per cwt. 15.83 16.21 s per bu. 67.50 676.00 00 lbs; cents per l 246.800 250.375 bs; cents per l 185.300 186.700 0; cents per l 185.300 186.700 0; cents per l	3.140 492.00 506.50 371.00 390.25 1311.00 1329.25 413.80 406.30 b. 54.86 54.86 54.08 15.86 16.24 580.25 608.00 679.00 orr lb. 247.125 250.900 b. 185.725 187.200 68.025 72.300	006 3.00 2.75 -3.25 -4.00 14.25 13.00 14.20 14.00 11.60 49 55 .01 9.75 9.25 3.75 3.25 -1.675 -1.675 .225 .325	90,230 652,884 309,277 2,792 1,052 200,715 177,700 112,738 147,429 88,625 5,626 4,141 231,011 93,425 118,412 57,866 3,610 19,627 125,122 90,027
April Corn (C Dec March'24 Dats (C Dec Soybez Soybez Soybez Dec Dec Dec Jan'24 Soybez Jan'24 March'24 Wheat Dec March'24 Wheat Dec March'24 Wheat Dec Cattle- Dec Cattle- Dec Feb'24 Lumbe	3.146 BT)-5,000 488,50 503,50 BT)-5,000 382,50 396,25 ans (CBT) 1297,00 1316,25 an Meal (399,80 394,60 an Oil (CB 55,44 54,72 Rice (CBT)-5,0 572,50 600,25 (KC)-5,00 667,00 Feeder (248,650 252,500 Live (CM 185,850 187,050 .ean (CM 185,850 .ean (CM 185,	3.191 Agric(bu; cents p 494.00 508.50 bu; cents p 382.50 397.00 -5,000 bu; (1313.00 -5,000 bu; (1313.00 -5,000 bu; (687)-100 t 415.10 407.00 7)-60,000 55.90 55.11 -2,200 cw 15.94 16.31 00 bu; cents 584.00 611.25 0 bu; cents 678.00 248.675 252.900 25.11 26.0000 27.000 cm 186.125 18	3.124 alture Fut er bu. 488.50 503.25 er bu. 1293.25 aryon (2000) cents per bu. 1293.25 aryon (2000) cents per bu. 54.73 53.95 rt.; \$ per cwt. 15.83 16.21 s per bu. 667.50 676.00 00 lbs; cents per bu. 667.50 676.00 250.375 bs; cents per ll 185.300 185.300 186.700 bs; cents per ll 185.300 186.700	3.140 492.00 506.50 371.00 390.25 1311.00 1329.25 413.80 406.30 54.86 54.08 15.86 16.24 580.25 608.00 670.50 670.50 670.50 670.50 00 51125 250.900 b. 185.725 187.200 0. 68.025 72.300 d. ft.	006 3.00 2.75 -3.25 -4.00 14.25 13.00 14.00 11.60 49 55 0.01 9.75 9.25 3.75 3.25 -1.675 -1.900 .225 .250	90,230 652,884 309,277 2,792 1,054 243,232 200,719 177,700 112,738 147,425 88,625 5,626 4,141 231,011 93,425 57,866 3,610 19,627 6,077 125,122 90,027 45,910
April Corn (CC Dec March'24 Oats (CC March'24 Soybez Jan'24 Soybez Jan'24 Soybez Jan'24 Soybez Dec Jan'24 Soybez Dec Jan'24 Wheat Wheat Wheat Dec March'24 Cattle- Dec March'24 Cattle- Dec Nan'24 Cattle- Dec Nan'24 Cattle- Dec Nan'24 Cattle- Dec Nan'24 Cattle- Dec Nan'24 Cattle- Dec Nan'24 Cattle- Dec Nan'24 Cattle- Dec Nan'24 Cattle- Dec Nan'24 Cattle- Dec Nan'24 Cattle- Dec Nan'24 Cattle- Dec	3.146 BT)-5,000 488,50 503,50 BT)-5,000 382,50 396,25 an S(CBT) 1297,00 1316,25 an Meal (399,80 394,60 an Oil (CB 55,44 55,44 55,44 55,44 55,44 55,44 600,25 (KC)-5,00 600,25 (KC)-5,00 608,50 677,00 Feeder (248,650 252,500 Live (CM 187,550 72,125 r (CME)-2 498,50	3.191 bu; cents p 494,00 508.50 bu; cents p 382.50 397.00 cs,000 bu; c 1313.00 1331.00 cs,000 bu; c 1331.00 cs,000 bu; c 415.10 407.00 cs,000 c c,000	3.124 alture Fut 488.50 503.25 er bu. 370.50 391.00 cents per bu. 1293.25 1312.25 cons; \$ per ton. 398.90 jos; \$ per ton. 393.20 jos; \$ per ton. 393.20 jos; \$ per ton. 393.20 jos; \$ per ton. 67.70 67.50 67.50 67.60 00 lbs; cents per ll 185.300 246.800 250.375 bs; cents per ll 185.300 185.300 185.300 185.300 185.300 185.300 185.300 185.300 185.300 185.300 185.300 185.300 185.300 197.4000 197.40000 197.40000 197.40000 197.40	3.140 492.00 506.50 371.00 390.25 1311.00 1329.25 413.80 406.30 b. 54.86 54.86 54.08 15.86 16.24 580.25 608.00 679.00 orr lb. 247.125 250.900 b. 185.725 187.200 68.025 72.300	006 3.00 2.75 -3.25 -4.00 14.25 13.00 14.25 13.00 14.25 13.00 14.00 11.60 49 55 .01 9.75 9.25 3.75 3.25 -1.675 -1.900 .225 .325 .475	90,230 652,884 309,277 1,054 243,232 200,719 177,700 112,738 147,429 88,629 147,429 88,629 147,424 88,629 147,424 88,629 118,412 177,866 3,610 19,622 6,077 125,122 90,022 45,910
April Corn (CC Dec March'24 Dats (CC Dec Core Core Core Core Dec Dec Dec March'24 Wheat Dec March'24 Wheat Dec March'24 Wheat Dec March'24 Cattle- Dec Cattle- Dec Cattle- Dec Feb'24 Lumbe Nov Nov Nov	3.146 BT)-5,000 488,50 503,50 BT)-5,000 382,50 395,25 an Gent 1297,00 1316,25 an Meal (399,80 30,90 66,850 66,850 67,250 22,250	3.191 bu; cents p 494,00 508.50 bu; cents p 382.50 397.00 1313.00 1331.00 1331.00 1331.00 (BCP)-100 t 415.10 407.00 T)-60,000 (SE)-100 t 415.10 407.00 T)-60,000 (SE)-100 t 16.31 00 bu; cents 678.00 686.25 (CME)-50,0 248.675 252.900 186.125 (SE)-40,000 186.125 187.650 E)-40,000 186.25 (SE)-40,000 68.200 (T)-40,000 72.400 (T)-40,000 75.000 72.400 (T)-40,000 75.000 72.400 (T)-40,000 75.000 72.400	3.124 alture Fut er bu. 488.50 503.25 er bu. 1293.25 1312.25 1312.25 1312.25 1312.25 1312.25 1312.25 1312.25 1322.55 1312.25 1322.55 15.83 16.21 54.73 53.95 54.73 16.83 16.21 599.00 per bu. 571.25 599.00 per bu. 67.50 676.00 00 lbs.; cents per l 667.50 676.00 00 lbs.; cents per l 185.300 186.700 00 lbs.; cents per l 185.300 186.700 00 sc, cents per l 185.300 186.705 5, \$per l.000 bb 498.50 ts per lb.	3.140 492.00 506.50 371.00 390.25 1311.00 1329.25 413.80 413.80 406.30 b. 54.86 54.08 15.86 16.24 580.25 608.00 670.50 679.00 679.00 679.00 679.00 679.00 679.00 679.00 679.00 679.00 679.00 679.00 679.00 679.00 679.00 679.00 679.00 679.00 670.50 679.00 679.00 679.00 670.50 679.00 670.50 679.00 670.50 770.50 77	006 3.00 2.75 -3.25 -4.00 14.25 13.00 14.25 13.00 14.25 .3.05 3.75 3.25 -1.675 .225 .325 .475 .250 1.00	90,230 652,884 309,277 2,792 1,052 200,719 112,738 147,429 88,625 5,626 4,141 231,011 93,425 57,866 39,425 118,412 57,866 3,610 19,627 6,072 125,122 90,027 45,910 5,178
April Corn (CC Dec March'24 Dats (C Dec March'24 Soybez Dec Jan'24 Dec Jan'24 Dec Jan'24 March'24 Wheat Dec March'24 Wheat Dec March'24 Cattle- Dec Cattle- Dec Cattle- Dec Cattle- Dec Seb'24 Lumbe Dec Seb'24 Lumbe Dec	3.146 BT)-5,000 488,50 503,50 BT)-5,000 382,50 396,25 ans (CBT) 1297,00 1316,25 ans (CBT) 1297,00 1316,25 ans (CBT) 55,44 54,72 Rice (CBT)-5,00 600,25 (KC)-5,00 600,25 (KC)-5,00 668,50 677,00 Feeder (248,650 125,500 187,850 187,850 187,850 187,850 187,050 (CME)-22 498,50 ME)-200,00 16,83	3.191 Agric(bu; cents p 494,00 508,50 bu; cents p 382,50 397,00 -5,000 bu; c 1313,00 1331,00 415,10 407,00 CBT -100 t 415,10 407,00 55,90 55,11 OCBT -100 t 415,10 407,00 55,90 55,11 OCBT -100 t 415,10 407,000 c 55,90 55,11 OCBT -100 t 415,10 407,000 c 55,90 55,11 OCBT -100 t 415,10 407,000 c 15,94 68,200 248,675 252,900 c E)-40,00011 68,200 CME)-50,000 dl, ft 59,150 DC -40,00011 68,200 CME)-50,000 dl, ft 50,150 OO lbs, cent 50,000 dl, ft 50,000 dl	3.124 alture Fut arbs: arb	3.140 492.00 506.50 371.00 390.25 1311.00 1329.25 413.80 406.30 b. 54.86 54.86 54.86 15.86 16.24 580.25 608.00 679.00 or (b. 247.125 250.900 b. 185.725 187.200 68.025 72.300 d. ft. 501.50 16.83	006 3.00 2.75 -3.25 13.00 14.25 13.00 14.25 13.00 14.25 13.00 49 55 0.01 9.75 9.25 3.75 3.25 -1.675 -1.900 .225 .325 .250 1.00 .225 .255 .250 .250 .250 .255 .250 .255 .255 .250 .255	90,230 652,884 309,277 2,792 1,054 243,233 200,719 177,700 112,738 147,429 88,625 5,622 4,141 231,011 93,425 57,866 3,610 19,627 6,074 125,122 90,027 45,910 5,176 3,600
April Corn (CC Dec March'24 Dats (C Dec Soybez Soybez Soybez Jan'24 Soybez Jan'24 Soybez Jan'24 March'24 Wheat Dec Jan'24 Wheat Dec March'24 Wheat Dec March'24 Wheat Dec Cattle- Cattle- Cattle- Coct Cattle- Coct Nov Soy Cot Nov Soy Cot Nov Soy Cot Nov Soy Cot Nov Soy Cot Nov Soy Cot Nov Soy Cot Nov Soy Cot Nov Soy Cot Nov	3.146 BT)-5,000 488,50 503,50 BT)-5,000 382,50 396,25 ans (CBT) 1297,00 1316,25 an Meal (399,80 394,60 an Oil (CB 55,44 54,72 Rice (CBT)-5,0 572,50 600,25 (KC)-5,00 672,50 (KC)-5,00 Feeder (248,650 252,500 Live (CMI 185,850 187,050 .ean (CMI 67,550 72,125 r (CME)-27 498,50 WE)-200,0 16,83 17,77	3.191 Agrict bu; cents p 494.00 508.50 bu; cents p 382.50 397.00 -5,000 bu; cents p 397.00 CBT -1004 (CBT)-1004 415.10 407.00 T)-60,000 55.90 55.11 D -2,000 cw 15.94 16.31 00 bu; cents 678.00 686.25 CME)-50,00 248.675 252.900 E)-40,0001 186.125 E)-40,0001 186.125 E)-40,0001 186.125 E)-40,0001 186.125 E)-40,0001 187.550 E)-40,0001 187.550 E)-40,0001 187.550 E)-40,0001 186.125 CME)-50,0001 186.125 E)-40,0001 185.251 E)-40,0001 185.251 E)-40,0001 185.251 E)-40,0001 E]-40,0001 E]-40,000	3.124 alture Fut er bu. 488.50 503.25 er bu. 1293.25 1312.25 1312.25 1312.25 1312.25 1312.25 1312.25 1312.25 1322.55 1312.25 1322.55 15.83 16.21 54.73 53.95 54.73 16.83 16.21 599.00 per bu. 571.25 599.00 per bu. 67.50 676.00 00 lbs.; cents per l 667.50 676.00 00 lbs.; cents per l 185.300 186.700 00 lbs.; cents per l 185.300 186.700 00 sc, cents per l 185.300 186.705 5, \$per l.000 bb 498.50 ts per lb.	3.140 492.00 506.50 371.00 390.25 1311.00 1329.25 413.80 413.80 406.30 b. 54.86 54.08 15.86 16.24 580.25 608.00 670.50 679.00 679.00 679.00 679.00 679.00 679.00 679.00 679.00 679.00 679.00 679.00 679.00 679.00 679.00 679.00 679.00 679.00 670.50 679.00 679.00 679.00 670.50 679.00 670.50 679.00 670.50 770.50 77	006 3.00 2.75 -3.25 -4.00 14.25 13.00 14.25 13.00 14.25 .3.05 3.75 3.25 -1.675 .225 .325 .475 .250 1.00	90,230 652,884 309,277 2,792 1,054 243,233 200,719 177,700 112,738 147,429 88,625 5,622 4,141 231,011 93,425 57,866 3,610 19,627 6,074 125,122 90,027 45,910 5,176 3,600
Dec March'24 Oats (cC Dec Dec March'24 Soybez Jan'24 Soybez Jan'24 Coc Jan'24 Rough Nov Jan'24 Rough Nov Jan'24 Rough Cattle- Dec March'24 Cattle- Oct Dec Hogs-L Dec Hogs-L Lumbe Nov Milk (cC Nov	3.146 BT)-5,000 488,50 503,50 BT)-5,000 382,50 396,25 ans (CBT) 1297,00 1316,25 an Meal (399,80 394,60 an Oil (CB 55,44 54,72 Rice (CBT)-5,0 572,50 600,25 (KC)-5,00 672,50 (KC)-5,00 Feeder (248,650 252,500 Live (CMI 185,850 187,050 .ean (CMI 67,550 72,125 r (CME)-27 498,50 WE)-200,0 16,83 17,77	3.191 Agrict bu; cents p 494.00 508.50 bu; cents p 382.50 397.00 -5,000 bu; cents p 397.00 CBT -1004 415.10 407.00 T)-60,000 55.90 55.11 O -2,000 cw 15.94 16.31 00 bu; cents 678.00 686.25 CME)-50,00 248.675 252.900 E)-40,0001 186.125 E)-40,0001 185.250 E)-40,0001 185.251 E)-40,0001 E]-40,0001 E]-40,	3.124 alture Fut er bu. 488.50 503.25 er bu. 1293.25 angl.00 tents per bu. 1293.25 angl.25	3.140 492.00 506.50 371.00 390.25 1311.00 1329.25 413.80 406.30 b. 54.86 54.86 54.86 15.86 16.24 580.25 608.00 679.00 or (b. 247.125 250.900 b. 185.725 187.200 68.025 72.300 d. ft. 501.50 16.83	006 3.00 2.75 -3.25 13.00 14.25 13.00 14.25 13.00 14.25 13.00 49 55 0.01 9.75 9.25 3.75 3.25 -1.675 -1.900 .225 .325 .250 1.00 .225 .255 .250 .250 .250 .255 .250 .255 .255 .250 .255	90,230 652,884 309,277 2,792 1,054 243,232 200,715 177,700 112,738 147,425 88,625 5,622 4,141 231,011 93,425 5,622 4,141 231,011 93,425 5,622 4,141 231,011 93,425 5,622 4,141 231,011 93,425 5,622 4,141 231,011 93,425 5,622 4,141 231,011 93,425 5,622 4,141 231,011 93,425 5,622 4,141 231,011 93,425 5,622 4,141 19,627 6,074 125,122 90,027 125,125 125,125 125,125 125,125 125,125 120,027 125,125 120,027 125,125 120,027 125,125 120,027 125,125 120,027 125,125 120,027 125,125 120,027 125,125 120,027 125,125 125

a a ol la (la	CE-03)-112	2,000 lbs.; cent	s per ib.		
27.56	27.67	27.17	27.48		
26.24	26.37	25.91	26.17		137,338
					1,703
					_,
83.31	84.50				
				.82	65,265
				E OE	4,747
572.75	57 1170	507.120	570115	2.12	1/220
	Intere	st Rate Fu	itures		
reasury	Bonds (C	:BT) - \$100,00	0; pts 32nd	ds of 100	%
114-080	114-150				1,554,235
					31
					1 204 421
					2/220
		105-240	105-280	-11.0	4,668,757
					2,236
					5 300 440
					5,702,110 256
					200
					4,027,146
101-122	101-136	101-095	101-100	-1.4	
					771,500
					10.084
94.5050					1,442,852
	Curr	ency Futi	ires		
se Yen (500,000; \$ pei			
.6707		.6697			
				0006	263,721
				- 0033	249
.7334					
Pound (500; \$ per £			
1.2182	1.2212				
				0031	218,627
				0018	60,397
1.1320	1.1357		1.1315		
lian Doll		1.1272			642
	ar (CME)-	AUD 100,000;	\$ per AUD		642
.6371	.6399	AUD 100,000; .6335	.6343	0021	274
.6380	.6399 .6407	AUD 100,000; .6335 .6342	.6343 .6351		274
.6380 I n Peso (.6399 .6407 CME) -MXI	AUD 100,000; .6335 .6342 N 500,000; \$ p	.6343 .6351 er MXN	0021 0021	274 195,345
.6380 I n Peso (.05515	.6399 .6407 CME) -MX1 .05534	AUD 100,000; .6335 .6342 N 500,000; \$ p .05446	.6343 .6351 er MXN .05453	0021 0021	274 195,345 81
.6380 I n Peso (.05515 .05494	.6399 .6407 CME) -MXI	AUD 100,000; .6335 .6342 N 500,000; \$ p .05446 .05403	.6343 .6351 er MXN .05453 .05420	0021 0021	274 195,345 81
.6380 I n Peso (.05515 .05494 ME) -€125, 1.0586	.6399 .6407 CME) -MXR .05534 .05507 .000; \$ per 4 1.0604	AUD 100,000; .6335 .6342 N 500,000; \$ p .05446 .05403 € 1.0534	.6343 .6351 er MXN .05453 .05420 1.0546	0021 0021 00071 00070 0034	274 195,345 81 196,944 4,647
.6380 I n Peso (.05515 .05494 ME) -€125,	.6399 .6407 CME) -MXN .05534 .05507 .000; \$ per 4	AUD 100,000; .6335 .6342 N 500,000; \$ p .05446 .05403	.6343 .6351 er MXN .05453 .05420 1.0546	0021 0021 00071 00070	274 195,345 81 196,944 4,647
.6380 I n Peso (.05515 .05494 ME) -€125, 1.0586	.6399 .6407 CME) -MXI .05534 .05507 .000; \$ per 1.0604 1.0622	AUD 100,000; .6335 .6342 N 500,000; \$ p .05446 .05403 € 1.0534 1.0550	.6343 .6351 er MXN .05453 .05420 1.0546 1.0562	0021 0021 00071 00070 0034	274 195,345 81 196,944 4,647
.6380 .05515 .05494 ME) -€125, 1.0586 1.0605	.6399 .6407 (CME)-MXI .05534 .05507 .000; \$ per 4 1.0604 1.0622	AUD 100,000; .6335 .6342 N 500,000; \$ p .05446 .05403 € 1.0534 1.0550 dex Future	.6343 .6351 er MXN .05453 .05420 1.0546 1.0562	0021 0021 00071 00070 0034	274 195,345 81 196,944 4,647
.6380 n Peso (.05515 .05494 ME)-€125, 1.0586 1.0605	.6399 .6407 CME)-MXR .05534 .05507 000; \$ per 4 1.0604 1.0622	AUD 100,000; .6335 .6342 N 500,000; \$p .05446 .05403 € 1.0534 1.0550 dex Future age (CBT)-\$5	.6343 .6351 er MXN .05453 .05420 1.0546 1.0562 es	0021 0021 00071 00070 0034	274 195,345 81 196,944 4,647 674,302
.6380 n Peso (.05515 .05494 ME)-€125, 1.0586 1.0605 UIndustr 34120	.6399 .6407 CME)-MXI .05534 .05507 000; \$ per 4 1.0604 1.0622 Inco tial Avera 34147	AUD 100,000; .6335 .6342 v 500,000; \$ p .05446 .05403 € 1.0534 1.0550 cex Future age (CBT)-\$5 33738	.6343 .6351 er MXN .05453 .05420 1.0546 1.0562 es six index 33806	0021 0021 00070 0034 0034	274 195,345 81 196,944 4,647 674,302 96,210
.6380 n Peso (.05515 .05494 ME) -€125, 1.0586 1.0605 J Industr 34120 34448	.6399 .6407 CME)-MXI .05534 .05507 000; \$ per 1.0604 1.0622 Inco fial Avera 34147 34462	AUD 100,000; .6335 .6342 N 500,000, \$ p .05446 .05403 € 1.0554 :lex Futur age (CBT)-\$5 33738 34077	.6343 .6351 er MXN .05453 .05420 1.0546 1.0562 es	0021 0021 00071 00070 0034	274 195,345 81 196,944 4,647 674,302
.6380 n Peso (.05515 .05494 ME) -€125, 1.0586 1.0605 J Industr 34120 34448	.6399 .6407 CME)-MXI .05534 .05507 000; \$ per 4 1.0604 1.0622 Inco tial Avera 34147	AUD 100,000; .6335 .6342 N 500,000, \$ p .05446 .05403 € 1.0554 :lex Futur age (CBT)-\$5 33738 34077	.6343 .6351 er MXN .05453 .05420 1.0546 1.0562 es six index 33806	0021 0021 00071 0034 0034 0034	274 195,345 81 196,944 4,647 674,302 96,210
.6380 In Peso (.05515 .05494 ME)-€125, 1.0586 1.0605 J Industr 34120 34448 iP 500 (0 4398.00 4447.00	.6399 .6407 CME)-MX1 .05534 .05507 0000; \$pert 1.0604 1.0622 CME)-4550 4450.50	AUD 100,000; .6335 .6342 N 500,000, \$ p .05446 1.05544 1.0550 dex Futura age (CBT)-\$5 33738 34077 x index 4330.75 4379.25	.6343 .6351 er MXN .05453 .05420 1.0546 1.0562 25 3806 34132 4342.25 4390.50	0021 0021 00071 0034 0034 0034	274 195,345 81 196,944 4,647 674,302 96,210 333
.6380 I Peso (.05515 .05494 ME)-€125, 1.0605 I Industr 34120 34448 iP 500 (t 4398.00 4447.00 iP Midca	.6399 .6407 (CME)-MXI .05534 .05507 000; \$ per 4 1.0604 1.0622 (ial Avera 34147 34462 CME)-\$50 4399.25 4450.50 ap 400 (c	AUD 100,000; .6335 .6342 N 500,000; \$ p .05446 .05403 € .1.0534 1.0550 clex Futur age (CBT)-\$5 33738 34077 x index 4330.75 4379.25 CME)-\$100 x ir	.6343 .6351 er MXN .05453 .05420 1.0546 1.0562 es ix index .33806 .34132 4342.25 4390.50 ndex	0021 0021 00070 0034 0034 0034 0034 338 335 59.50 60.75	274 195,345 81 196,944 4,647 674,302 96,210 333 2,089,405 16,902
.6380 In Peso (.05515 .05494 ME)-€125, 1.0586 1.0605 Industr 34120 34448 iP 500 (4398.00 4447.00	.6399 .6407 CME)-MX1 .05534 .05507 0000; \$pert 1.0604 1.0622 CME)-4550 4450.50	AUD 100,000; .6335 .6342 N 500,000, \$ p .05446 1.05544 1.0550 dex Futura age (CBT)-\$5 33738 34077 x index 4330.75 4379.25	.6343 .6351 er MXN .05453 .05420 1.0546 1.0562 es es ex index .33806 .34132 4342.25 4342.25 4342.25 4342.25 4342.25	0021 0021 00070 0034 0034 0034 0034 338 335 59.50 60.75 56.40	274 195,345 81 196,944 4,647 674,302 96,210 333 2,089,405 16,902 38,332
.6380 .05515 .05949 MEJ-€125, 1.0586 1.0605 .0605	.6399 .6407 .05534 .05507 000; \$ per 1.0604 1.0622 inc rial Aver 34147 34462 cc 4450.50 a y 450 .50 a y 450 .50 b y 450 .50 b y 450 .50 c y 450 .50 c x 450 .50 c c 5 .50 c c c 5 .50 c c c c c c c c c c	AUD 100,000; .6335 .6342 N 500,000; \$ p .05446 .05403 € .1.0534 1.0550 clex Futur age (CBT)-\$5 33738 34077 x index 4330.75 4379.25 CME)-\$100 x ir	.6343 .6351 er MXN .05453 .05420 1.0546 1.0562 es ix index .33806 .34132 4342.25 4390.50 ndex	0021 0021 00070 0034 0034 0034 0034 338 335 59.50 60.75	274 195,345 81 196,944 4,647 674,302 96,210 333 2,089,405 16,902
.6380 .05515 .05494 ME)-€125, 1.0586 1.0605 	.6399 .6407 CME)-MxH .05534 .05507 000; \$ per 4 .0604 1.0622 Incc tial Avera 34147 34462 CME 4399.25 4450.50 ap 400 (cc 2528.60	AUD 100,000; .6335 .6342 .05400,00; \$ p .05446 .05403 € 1.0534 1.0550 dex Futur age (CBT)-\$5 33738 34077 x index 4330.75 4379.25	.6343 .6351 er MXN .05453 .05420 1.0564 1.0562 es ix index 33806 34132 4342.25 4390.50 ddex 2470.50 2487.80 15025.25	0021 00071 00070 0034 0034 0034 0034 0034 0034 0034 0034 0034 0034 0034 0034 005 59.50 56.40 56.20 215.50	274 195,345 81 196,944 4,647 674,302 96,210 333 2,089,405 16,902 38,332 1 254,607
.6380 .05515 .05494 ME)-€125, 1.0586 1.0605 JIndustr 34120 34448 GP 500 (c 4398.00 4447.00 4447.00 4398.00 4447.00 2525.90 asdaq.50 15422.00	.6399 .6407 CME)-MXH .05534 .05507 000; % per 4 1.0602 Inco tial Aver 34147 34462 CME)-\$50 34147 34462 CME)-\$50 4399.25 2450.50 ap 400 (c 2528.60 D) (CME)-\$436.25	AUD 100,000; .6335 .6342 .05400 \$ p .05446 .05403 € 1.0534 1.0550 dex Futur: dex Futur: 4330.75 4379.25 .4379.25 .4379.25 .500 × index 14979.25 15172.75	.6343 .6351 er MXN .05435 .05420 1.0546 1.0562 25 5 5 5 5 5 5 5 5 5 	0021 00071 00070 0034 0034 0034 0034 0034 0034 0034 0034 0034 0034 0034 0034 005 59.50 56.40 56.20 215.50	274 195,345 81 196,944 4,647 674,302 96,210 333 2,089,405 16,902 38,332 1
.6380 .05515 .05494 ME)-€125, 1.0586 1.0605 JIndustr 34120 34448 GP 500 (c 4398.00 4447.00 4447.00 4398.00 4447.00 2525.90 asdaq.50 15422.00	.6399 .6407 CME)-MXH .05534 .05507 000; % per 4 1.0602 Inco tial Aver 34147 34462 CME)-\$50 34147 34462 CME)-\$50 4399.25 2450.50 ap 400 (c 2528.60 D) (CME)-\$436.25	AUD 100,000; .6335 .6342 .05400,00; \$ p .05446 .05403 € 1.0534 1.0550 dex Futur age (CBT)-\$5 33738 34077 x index 4330.75 4379.25	.6343 .6351 er MXN .05453 .05420 1.0564 1.0562 es ix index 33806 34132 4342.25 4390.50 ddex 2470.50 2487.80 15025.25	0021 00071 00070 0034 0034 0034 0034 0034 0034 0034 0034 0034 0034 0034 0034 005 59.50 56.40 56.20 215.50	274 195,345 81 196,944 4,647 674,302 96,210 333 2,089,405 16,902 38,332 1 254,607 2,032
.6380 .05515 .05494 ME)-€125, 1.0586 1.0605 	.6399 .6407 CME)-MXI .05534 .05507 000; \$ per (1.0604 1.0622 CME)-\$507 439925 4450.50 ap 400 (c 2528.60 D0 (CME)- 15238.25 15258.25 15258.25 15258.25 15258.25 15258.25 15258.25 15258	AUD 100,000; .6335 .6342 .05446 .05403 € 1.0534 1.0550 dex Futur age (CBT)-\$5 33738 34077 x index 4330.75 4379.25 CME)-\$100 xir 2468.30 \$20 x index 14979.25 515172.75	.6343 .6351 er MXN .05453 .05420 1.0546 1.0562 25 25 33806 34132 4342.25 4390.50 2470.50 2487.80 15025.25 15219.00	0021 0021 00070 0034 0034 0034 0034 0034 0034 0034 0034 0034 0034 0034 0034 0034 005 59,50 56,40 56,20 56,20 215,50 215,50	274 195,345 81 196,944 4,647 674,302 96,210 333 2,089,405 16,902 38,332 1 254,607
.6380 .05515 .05494 ME)-€125, 1.0586 1.0605 	.6399 .6407 CME)-MXI .05534 .05507 000; \$ per 4 1.0604 1.0622 CME)-8507 4399.25 44450.50 ap 400 (c 2528.60 D0 (CME)- 15238.25 15436.25 15436.25 000 (CME)- 1779.30 1798.10	AUD 100,000; .6335 .6342 .05400,00; \$ p .05446 1.0550 € .05403 € .05403 .0550 .05404 .0550 .0540 .05500 .05500 .05500 .05500 .05500 .05500 .05500 .05500 .05500 .05500 .05500 .05500 .05500 .05500 .05500 .055000 .05500 .055000 .055000 .055000 .055000 .055000 .055000 .055000 .055000 .055000 .0550000 .0550000 .05500000000	.6343 .6351 er MXN .05453 .05420 1.0566 1.0562 es .x index .33806 .34132 4342.25 4390.50 .2437.80 15025.25 15219.00 1740.20	0021 0021 00071 0034 0034 338 335 59.50 60.75 56.40 56.20 215.50 218.25 37.90	274 195,345 81 196,944 4,647 674,302 96,210 333 2,089,405 16,902 38,332 1 254,607 2,032 484,329
.6380 In Peso (.05515 .05494 ME)-€125, 1.0586 1.0605 Industr 34428 P 500 ((4398.00 4447.00 P Midca 2525.90 I5422.00 I5236.50 15422.00 I5236.50 15422.00 I5236.50 15422.00 I5236.50 15422.00 I5236.50 15422.00 I5236.50 15422.00 I5236.50 I5422.00 I5236.50 I5422.00 I5425.00 I5455.00 I5	.6399 .6407 CME)-Mxti .05534 .05507 000;\$ per 1.0604 1.0622 CME)-4507 34147 341462 CME)-4500 cA2599.25 43599.25 43599.25 43599.25 43599.25 15236.25 00 (CME)-15238.25 15436.25 15436.25 15436.25 000 (CME)-1779.30 1779.30 1798.10	AUD 100,000; .6335 .6342 .05400,00; \$ p .05446 1.0550 :ex Futur age (CBT) -\$5 33738 34077 x index 4330.75 4379.25 :EXF)-\$100 xir 2468.30 \$20 x index 14979.25 1517 x index 1297.00 1756.40	.6343 .6351 er MXN .05453 .05420 1.0562 25 5 5 5 5 4342.25 4342.25 4342.25 4390.50 0 2487.80 15025.25 15219.00 1740.20 1758.80 1776.30	0021 00071 00070 0034 0034 0034 338 59.50 60.75 56.40 56.20 215.50 218.25 37.90 38.60	274 195,345 81 196,944 4,647 674,302 96,210 333 2,089,405 16,902 38,332 1 254,607 2,032 484,329 1,146 2
.6380 .05515 .05494 ME)-€125, 1.0586 1.0605 	.6399 .6407 CME)-MXH .05534 .05507 000; \$ per 4 1.0602 Inco tial Avera 34147 34462 CME)-\$500 34147 34462 CME)-\$500 34147 34462 CME)-\$500 3545 4450.50 ap 400 (c 2528.60 D) (CME)- 15238.25 15436.25 15238.25 15436.25 1798.10 O) (CME)- 1798.10 O) (CME) 2407.20	AUD 100,000; .6335 .6342 .05403 € 1.0534 1.0550 :(ex Futur :(ex Futur :(ex Futur :(ex Futur :(ex Futur :) :(ex Futur : (age (CBT)-\$5 33738 34077 x index 4330.75 4379.25 ::(ex Futur 4330.75 4379.25 515172.75 15172.75 15172.75 15172.75 15172.75 15172.75 15172.75	.6343 .6351 er MXN .05453 .05420 1.0546 1.0562 25 25 4390.50 2487.80 15025.25 15219.00 1740.20 1758.80 1776.30 2376.30	0021 00071 00070 0034 0034 0034 335 59.50 60.75 56.40 56.20 215.50 215.25 37.90 38.60	274 195,345 81 196,944 4,647 674,302 96,210 333 2,089,405 16,902 38,332 1 254,607 2,032 484,325 1,146
.6380 .05515 .05494 ME)-€125, 1.0586 1.0605 	.6399 .6407 CME)-MXH .05534 .05507 000; \$ per 4 1.0602 Inco tial Avera 34147 34462 CME)-\$500 34147 34462 CME)-\$500 34147 34462 CME)-\$500 3545 4450.50 ap 400 (c 2528.60 D) (CME)- 15238.25 15436.25 15238.25 15436.25 1798.10 O) (CME)- 1798.10 O) (CME) 2407.20	AUD 100,000; .6335 .6342 .05400,00; \$ p .05446 1.0550 :ex Futur age (CBT) -\$5 33738 34077 x index 4330.75 4379.25 :EXF)-\$100 xir 2468.30 \$20 x index 14979.25 1517 x index 1297.00 1756.40	.6343 .6351 er MXN .05453 .05420 1.0546 1.0562 25 25 4390.50 2487.80 15025.25 15219.00 1740.20 1758.80 1776.30 2376.30	0021 00071 00070 0034 0034 0034 338 59.50 60.75 56.40 56.20 215.50 218.25 37.90 38.60	274 195,345 81 196,944 4,647 674,302 96,210 333 2,089,405 16,902 38,332 1 254,607 2,032 484,329 1,146 2
	Domest 44,70 44,70 44,70 44,70 44,70 44,70 44,70 14,70 14,70 14,70 14,700 114-080 114-080 114-080 114-080 114-080 114-080 114-080 110-030 106-075 106-075 106-075 104-075 94,6555 94,5555 94,5555 94,5555 94,5555 94,5555 94,5555 94,5555 94,5555 94,5555 94,5555 94,5555 94,5555 94,5555 94,5555 1,7344 Pound (0 1,2182 1,2188 France (CO 1,1181 1,1320	Domestic (ICE-US 44.70 44.75 44.38 44.50 (ICE-US)-50,000 lbs 83.31 84.50 85.45 86.54 Juice (ICE-US)-15, 384.05 387.00 371.95 374.70 Intere reasury Bonds (CEUS)-15, 104.080 114-150 114-200 115-050 ry Bonds (CET)-51 110-030 110-080 ry Notes (CET)-51 100-075 104-135 104-075 104-355 94.6500 94.6575 94.6500 94.6575 94.6505 94.6575 94.6505 94.6575 94.6505 94.6575 94.6505 94.6575 94	Domestic (ICE-US)-112,000 lbs.; 44,70 44.75 ▲ 44,50 44,38 44,50 ▲ 44,50 44,38 44,50 ▲ 44,38 (ICE-US)-50,000 lbs.; cents per lb. 83,31 84,50 82,01 83,31 84,50 82,01 83,31 84,50 82,01 83,31 84,50 387,00 379,40 371,95 374,70 369,10 Interest Rate Ful reasury Bonds (CBT) - \$100,000 114-080 114-150 112-100 114-080 114-150 112-100 110-030 110-120 108-250 110-030 110-120 108-250 110-030 110-120 108-250 100-030 100-125 106-025 easury Notes (CBT)-\$100,000; pts 32 106-025 easury Notes (CBT)-\$200,000 104-037 104-075 104-135 103-307 104-075 104-247 104-107 104-075 104-250 101-036 101-007 <td< td=""><td>Domestic (ICE-US)-112,000 lbs.; cents per ll 44,70 44,75 44,50 44,50 44,38 44,50 44,50 44,50 44,38 44,50 44,50 44,50 44,38 44,50 44,50 44,50 44,38 44,50 82,01 84,24 83,31 84,50 82,01 84,24 83,45 86,54 84,21 86,25 Juice (ICE-US)-15,000 lbs; cents per lb. 379,85 371,95 374,70 369,10 370,45 reasury Bonds (CBT) - \$100,000; pts 32nds 110-010 112-100 112-200 113-200 14-080 114-150 112-100 112-200 110-080 108-250 109-090 110-080 101-120 108-250 109-090 110-030 100-200 100-075 106-155 105-240 105-280 100-050 104-075 104-135 103-307 104-027 104-075 104-135 103-307 104-027 104-075 104-135<</td><td>Domestic (ICE-US)-112,000 lbs; cents per lb. 44,70 44,75 ▲ 44,50 42,50 .82 .50 .50 .53 .50 537,19 374,70 369,10 370,45 -2,45 Interest Rate Futures reasury Bonds (CBT) - \$100,000; pts 32nds of 1000 114-080 112-100 113-200 -10,04 110-120 106,025 106,0405 -12,5 Interest CBT) - \$100,000; pts 32nds of 100% Interest CBT) - \$20,00,00; pts 32nds of 100%</td></td<>	Domestic (ICE-US)-112,000 lbs.; cents per ll 44,70 44,75 44,50 44,50 44,38 44,50 44,50 44,50 44,38 44,50 44,50 44,50 44,38 44,50 44,50 44,50 44,38 44,50 82,01 84,24 83,31 84,50 82,01 84,24 83,45 86,54 84,21 86,25 Juice (ICE-US)-15,000 lbs; cents per lb. 379,85 371,95 374,70 369,10 370,45 reasury Bonds (CBT) - \$100,000; pts 32nds 110-010 112-100 112-200 113-200 14-080 114-150 112-100 112-200 110-080 108-250 109-090 110-080 101-120 108-250 109-090 110-030 100-200 100-075 106-155 105-240 105-280 100-050 104-075 104-135 103-307 104-027 104-075 104-135 103-307 104-027 104-075 104-135<	Domestic (ICE-US)-112,000 lbs; cents per lb. 44,70 44,75 ▲ 44,50 42,50 .82 .50 .50 .53 .50 537,19 374,70 369,10 370,45 -2,45 Interest Rate Futures reasury Bonds (CBT) - \$100,000; pts 32nds of 1000 114-080 112-100 113-200 -10,04 110-120 106,025 106,0405 -12,5 Interest CBT) - \$100,000; pts 32nds of 100% Interest CBT) - \$20,00,00; pts 32nds of 100%

Contract

Low

156.65 156.20

Settle

158.05

157.65

Chq

1.00 94.886

.95 59,237

High hilo

Open

Dec

March'24

Coffee (ICE-US)-37,500 lbs.; cents per lb.

157.15 159.50 156.55 158.90

Macro & Market Economics

Watching the Gauges: U.S. Supply and Demand

Inventories, imports and demand for the week ended October 13. Current figures are in thousands of barrels or thousands of gallons per day, except natural-gas figures, which are in billions of cubic feet. Natural-gas import and demand data are available monthly only.

			,									
1	nvento	ories, O	00s barr	els			Imports, 000s barrels per day					/
	Current	Expected change	Previous week	Year ago	4-week avg	5-year avg	Current	Expected change	Previous week	Year ago	4-week avg	5-year avg
Crude oil and	1 0// 10/		4 070	1.00/	1 071	4 070			0.000	7 720	0.000	0.500
petroleum prod	1,266,106		1,278	1,226	1,271	1,273	7,771		8,329	7,739	8,239	8,582
Crude oil												
excluding SPR	419,748	400	424	437	419	446	5,942		6,329	5,908	6,429	6,428
Gasoline	223,301		226	209	224	219	706		589	475	731	529
Finished gasoline	15,944	-600	17	17	17	20	62		65	83	139	87
Reformulated	19		0	0	0	0	0		0	0	0	0
Conventional	15,925		17	17	17	20	62		65	83	139	87
Blend. components	207,357		208	193	207	199	644		524	391	593	442
Natural gas (bcf)	3,529		3	3	3	4						
Kerosene-type												
jet fuel	43,061		43	36	43	39	52		131	64	108	225
Distillates	113,773	-1,200	117	106	117	127	77		120	111	99	221
Heating oil	7,675		8	9	8	10	0		0	0	0	1
Diesel	106,098		109	97	110	59	. 77		120	111	99	220
Residual fuel oil	26,790		28	29	28	30	129		104	148	86	227
Other oils	316,001		317	300	317	304	761		955	927	697	806
Net crude, petroleum												
products, incl. SPR	1,617,380		1,629	1,632	1,622	1,863	-2,885		-1,757	-1,729	-2,405	-153
Week	ly Dema	and, 0	00s barr	els pe	r day		Natı	ural g	as sto	orag	е	

Cash Prices

These prices reflect buying and selling of a variety of actual or "physical" commodities in the marketplaceseparate from the futures price on an exchange, which reflects what the commodity might be worth in future months.

	Wednesday		Nednesday		Vednes
Energy		Copper,Comex spot	3.5820	Wheat, No.2 soft red, St.Louis-u	5.927
	74 450	Iron Ore, 62% Fe CFR China-s Steel, HRC USA, FOB Midwest Mill-s	*120.4 *750.0	Wheat - Hard - KC (USDA) \$ per bu-u Wheat.No.1soft white.PortId.OR-u	7.035
Coal,C.Aplc.,12500Btu,1.2SO2-r,w	76.650		750.0	Wheat, No.1Soft White, Portid, OR-u	7.000
oal,PwdrRvrBsn,8800Btu,0.8S02-r,v	/ 14.100	Battery/EV metals	22/00	Food	
Metals		BMI Lithium Carbonate, EXW China, =99.2%-v,w BMI Lithium Hydroxide, EXW China, =56.5%-v,w	23400 21225	Beef,carcass equiv. index	
		BMI Cobalt sulphate. EXW China, >20.5% -v,w	5069	choice 1-3.600-900 lbsu	285.0
old, per troy oz		BMI Nickel Sulphate, EXW China, >20.5% -v,m	4247	select 1-3.600-900 lbsu	261.0
ngelhard industrial	1952.00	BNI Flake Graphite, FOB China, -100 Mesh, 94-95% -v,m	563	Broilers, National comp wtd. avgu,w	1.13
andy & Harman base	1955.70			Butter, AA Chicago-d	3.41
andy & Harman fabricated	2170.83	Fibers and Textiles	i	Cheddar cheese, bbl, Chicago-d	168.
BMA Gold Price AM	*1923.45	Burlap,10-oz,40-inch NY yd-n,w	0.7200	Cheddar cheese,blk,Chicago-d	176.
3MA Gold Price PM	*1928.20	Cotton.1 1/16 std lw-mdMphs-u	0.7200	Milk,Nonfat dry,Chicago lbd	122
rugerrand,wholesale-e	2043.22	Cotlook 'A' Index-t	*95.45	Coffee,Brazilian,Comp-y	1.57
aple Leaf-e	2092.10	Hides.hvv native steers piece fob-u	n.a.	Coffee,Colombian, NY-y	1.86
merican Eagle-e	2092.10	Wool,64s,staple,Terr del-u,w	n.a.	Eggs.large.white.Chicago-u	1.16
exican peso-e	2522.44		n.a.	Flour, hard winter KC-p	17.
ustria crown-e	1919.52	Grains and Feeds		Hams,17-20 lbs,Mid-US fob-u	0.
ustria phil-e	2052.99	Bran,wheat middlings, KC-u,w	145	Hogs.lowa-So. Minnesota-u	78
ilver, troy oz.		Corn.No. 2 vellow.Cent IL-bp.u	4.5800	Pork bellies,12-14 lb MidUS-u	1.43
ngelhard industrial	23.3000	Corn gluten feed,Midwest-u,w	159.9	Pork loins.13-19 lb MidUS-u	1.11
andy & Harman base	22.8170	Corn gluten meal,Midwest-u,w	568.1	Steers.TexOkla. Choice-u	r
andy & Harman fabricated	28.5210	Cottonseed meal-u.w	350	Steers,feeder,Okla. City-u,w	265.
3MA spot price	*£18.6500	Hominy feed,Cent IL-u,w	142	Esta and Oila	
J.S.\$ equivalent)	*22.6800	Meat-bonemeal,50% pro Mnpls-u,w	443	Fats and Oils	
oins,wholesale \$1,000 face-a	19626	Oats,No.2 milling,Mnpls-u	4.0600	Degummed corn oil, crude wtd. avgu,w	n
ther metals		Rice, Long Grain Milled, No. 2 AR-u,w	35.88	Grease, choice white, Chicago-h	0.53
3MA Platinum Price PM	*895.0	Sorghum, (Milo) No.2 Gulf-u	n.a.	Lard,Chicago-u	n
atinum,Engelhard industrial	905.0	SoybeanMeal,Cent IL,rail,ton48%-u,w	398,50	Soybean oil,crude;Centl IL-u,w	0.56
alladium,Engelhard industrial	1145.0	Soybeans,No.1 yllw IL-bp,u	12.6900	Tallow,bleach;Chicago-h	0.58
luminum, LME, \$ per metric ton	*2148.5	Wheat,Spring14%-pro Mnpls-u	8.9850	Tallow,edible,Chicago-u	n

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 10/17 Source: Dow Jones Market Data

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 return	YTD to	otal		— Yi	eld (%	s) —	Total return	YTD total			Yield (%	6) —
close	return	(%)	Index	Latest	Low	High	close	return (%)	Index	Lates	t Low	High
Broad M	arket B	loombei	rg Fixed Income Indice	es			Mortgag	ge-Backed B	oomberg Fixed Income In	dices		
1886.46	-3.0		U.S. Aggregate	5.710	4.180	5.710	1836.31	-4.8	Mortgage-Backed	6.020	4.140	6.020
U.S. Corp	orate l	ndexes	Bloomberg Fixed Inco	me Indi	ces		1820.06	-4.2	Ginnie Mae (GNMA)	5.980	4.170	5.980
2811.14	-1.9		U.S. Corporate	6.370	4.830	6.370	1075.34	-5.1	Fannie mae (FNMA)	6.020	4.140	6.020
2788.98	i	0.2	Intermediate	6.320	4.730	6.320	1676.36	-3.7	Freddie Mac (FHLMC)	6.190	4.090	6.190
3549.62	-6.2		Long term	6.470	5.010	6.470	545.28	-2.0	Muni Master	4.213	2.757	4.221
533.73	-3.2		Double-A-rated	5.710	4.320	5.710	389.27	-2.2	7-12 year	3.994	2.392	3.995
747.53	-1.3		Triple-B-rated	6.630	5.080	6.630	430.68	-2.7	12-22 year	4.635	3.257	4.635
High Yie	ld Bond	s ICE Bo	ofA				398.95	-3.2	22-plus year	5.187	4.020	5.187
483.64		4.4	High Yield Constrained	d 9.442	7.781	9.491	Global G	iovernment .	I.P. Morgan†			
465.80		10.8	Triple-C-rated	14.806	13.413	16.916	511.11	-2.0	Global Government	3.780	2.680	3.780
3244.00	ĺ	4.2	High Yield 100	9.008	7.022	9.008	751.82	-1.6	Canada	4.120	2.880	4.260
422.81		4.2	Global High Yield Constraine	d 9.322	7.868	9.890	330.58	-0.7	EMU§	3.785	2.461	3.790
325.60		5.4	Europe High Yield Constraine	d 7.859	6.646	8.480	612.28	-1.2	France	3.620	2.290	3.630
U.S Ager	ncy Bloc	mberg f	Fixed Income Indices				438.06	-1.2	Germany	2.990	1.730	3.030
1704.37	[0.9	U.S Agency	5.390	4.130	5.390	274.80	-1.1	Japan	1.180	0.710	1.180
1515.94		1.3	10-20 years	5.370	4.120	5.370	471.21	-1.8	Netherlands	3.300	1.970	3.320
3010.57	-5.4		20-plus years	5.640	4.300	5.640	737.96	-5.7	U.K.	4.850	3.120	4.850
2514.95	-0.6		Yankee	6.080	4.670	6.080	760.11	-1.1	Emerging Markets **	8.766	7.102	9.159
*Constrain ** EMBI Glo			dividual issuer concentrat	ions to 2	%; the	High Yie		5	onds † In local curren rvices; Bloomberg Fixed Incor			

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(A) or fell (V) in the latest session

	Country					VI-14 (M)		Caread Hadar /Over II	nalata		
Coupon (%)	Country/ Maturity, in years	Latest()-2	0	2 4	6	Yield (%)	Month ago	Year ago	Spread Under/Over U. Latest	S. Treasurys, in basis Prev	Year ago
5.000	U.S. 2	5.218 🔺		•)	5.212	5.062	4.435			
3.875	10	4.902 🔺		•		4.846	4.318	3.996			
0.250	Australia 2	4.269 🔺		٠		4.184	3.942	3.339	-94.8	-102.4	-110.4
3.000	10	4.662 🔺		•		4.559	4.221	3.930	-25.1	-27.5	-8.1
0.000	France 2	3.552 🔺		٠		3.523	3.519	1.999	-166.4	-168.5	-244.4
3.500	10	3.558 🔺		٠		3.506	3.265	2.856	-135.5	-132.8	-115.5
3.100	Germany 2	3.259 🔺		٠		3.244	3.261	1.965	-195	-196.4	-247.9
2.600	10	2.930 🔺		•		2.881	2.711	2.289	-198	-195.3	-172.2
3.600	Italy 2	4.143 🔺		٠		4.079	3.934	2.974	-107.3	-112.9	-147.0

4.350	10	4.988	•	4.893	4.516	4.699	7.5	5.9	68.8
0.005	Japan 2	0.067 🔺	•	0.060	0.033	-0.043 -51	L4.9	-514.7	-448.7
0.800	10	0.808	•	0.785	0.710	0.259	-410.5	-405.0	-375.1
0.000	Spain 2	3.699 🔺	•	3.677	3.616	2.221 -	151.8	-153.1	-222.2
3.550	10	4.064 🔺	•	4.008	3.783	3.390	-84.9	-82.6	-62.1
3.500	U.K. 2	5.002 🛦	•	4.656	4.770	3.519	-21.4	-55.2	-92.4
4.250	10	4.666 🔺	•	4.513	4.391	3.948	-24.7	-32.1	-6.3

Source: Tullett Prebon, Tradeweb ICE U.S. Treasury Close

Corporate Debt

Prices of firms' bonds reflect factors including investors' economic, sectoral and company-specific expectations

Investment-grade spreads that tightened the most...

Issuer	Symbol	Coupon (%)	Yield (%)	Maturity	Current	ad*, in basis poi One-day change	Last week				
AstraZeneca	AZN	3.375	5.64	Nov. 16, '25	43	-87	40				
Verizon Communications	vz	4.125	6.02	March 16, '27	110	-61	105				
Guardian Life Global Funding	GUARDN	5.737	5.98	Oct. 2, '28	107	-52	106				
Sprint Capital		6.875	6.43	Nov. 15, '28	150	-50	147				
Royal Bank of Canada	RY	5.200	5.83	July 20, '26	78	-22	97				
Societe Generale	SOCGEN	7.367	8.51	Jan. 10, '53	353	-22	350				
Caterpillar Financial Services		0.800	5.53	Nov. 13, '25	32	-13	n.a.				
Humana	ним	8.150	6.92	June 15, '38	200	-10	n.a.				
And spreads that widened the most											

Royal Bank of Canada	RY	3.625	6.08	May 4, '27	117	82	112
ANZ New Zealand Int'l	ANZNZ	1.250	5.98	June 22, '26	97	47	96
HSBC Holdings	HSBC	4.300	6.36	March 8, '26	131	32	115
Citigroup	c	3.400	6.25	May 1, '26	120	18	122
Goldman Sachs	GS	6.750	6.99	Oct. 1, '37	208	13	204
Toyota Motor Credit	ΤΟΥΟΤΑ	5.400	5.60	Nov.10,′25	41	12	40
Banco Santander	SANTAN	4.250	6.75	April 11, '27	183	11	147
Morgan Stanley	MS	4.300	6.50	Jan. 27, ′45	128	10	117

ligh-yield issues with the biggest price increases...

Issuer	Symbol	Coupon (%)	Yield (%)	Maturity	Bond Prio Current	ce as % of face v One-day change	alue —— Last week
Rite Aid	RAD	7.700	0.00	Feb. 15, '27	10.475	2.79	7.000
Dish DBS		5.875	14.26	Nov. 15, '24	91.938	0.19	93.125
Ball	BALL	5.250	6.60	July 1, '25	97.850	0.10	98.220
Teva Pharmaceutical Finance		6.150	8.35	Feb. 1, '36	83.300	0.10	86.315
OneMain Finance	OMF	6.875	8.02	March 15, '25	98.500	0.01	98.875

..And with the biggest price decreases

Dish DBS		7.750	24.68	July 1, '26	67.970	-1.53	71.250
Transocean	RIG	6.800	10.47	March 15, '38	73.000	-1.25	74.500
Intesa Sanpaolo	ISPIM	5.710	8.67	Jan. 15, '26	94.092	-0.84	95.390
Ford Motor Credit		4.389	7.67	Jan. 8, '26	93.426	-0.82	94.615
Bath & Body Works	BBWI	6.875	8.39	Nov. 1, '35	88.688	-0.81	90.000
Tenet Healthcare	тнс	6.875	8.67	Nov. 15, '31	89.730	-0.77	92.500
Hughes Satellite Systems		6.625	12.63	Aug. 1, '26	86.250	-0.75	86.500
Teva Pharmaceutical Finance Netherlands	i	3.150	8.31	Oct. 1, '26	86.760	-0.71	88.875

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

ls per day	Natural	gas	storage
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	Current	Expected change	Previous week	Year ago	4-week avg	5-year avg	Billions of cubic feet; weekly totals
Total petroleum product	21,897		19,666	20,761	20,215	20,551	4250 Natural gas,
Finished							lower 48 states 3250
motor gasoline Kerosene-type	8,943		8,581	8,678	8,539	9,169	2250
jet fuel	1,469		1,492	1,411	1,575	1,531	Five-year average for each week 1250
Distillates	4,416		3,670	4,072	3,968	4,135	1670
Residual fuel oil	341		246	372	292	313	
Propane/propylene	1,493		587	1,486	837		ONDJFMAMJJAS
Other oils	5,235		5,089	4,743	5,003		2022 2023
Note: Expected changes	are provid	led by Dow J	ones News	wires' surv	ey of analys	sts. Previou	us and average inventory data are in millions.

Sources: FactSet; Dow Jones Market Data; U.S. Energy Information Administration; Dow Jones Newswires

Exchange-Traded Portfolios | WSJ.com/ETFresearch

										1		Closin	a (
	Lar	gest 100	exch	ange-tra	aded funds, latest ses	sion				ETF	Symbo	ol Price	
Wednesda	y, Octob				ETF	Symbo	Closing Price			SPDR S&PMdCpTr SPDR S&P Div	MDY SDY	448.58 113.92	-2 -1
		Closing			-					TechSelectSector	XLK	167.72	-1
ETF	Symbo	ol Price	(%)	(%)	iSh1-5YIGCorpBd	IGSB	49.40	-0.17	-0.8	VangdInfoTech	VGT	420.23	-1
CnsmrDiscSelSector	XLY	158.12	-2.35	22.4	iSh1-3YTreaBd	SHY	80.70		-0.6	VangdSC Val	VBR	156.53	-2
CnsStapleSelSector	XLP	68.03	0.37	-8.7	iShRussMC	IWR	68.40	-2.08	1.4	VangdExtMkt	VXF	140.06	-2
DimenUSCoreEq2	DFAC	26.17	-1.51	7.8	iShRuss1000	IWB	236.20	-1.41	12.2	VangdDivApp	VIG	156.17	-0
EnSelSectorSPDR	XLE	91.96	0.91	5.1	iShRuss1000Grw	IWF	270.54	-1.50	26.3	VangdFTSEAWxUS	VEU	51.03	-1
FinSelSectorSPDR	XLF	33.14	-1.72	-3.1	iShRuss1000Val	IWD	150.41	-1.34	-0.8	VangdFTSEDevMk	VEA	42.91	-1
HealthCareSelSect	XLV	129.85	-0.87		iShRussell2000		171.35	-2.06	-1.7	VangdFTSE EM	vwo	38.50	-1
IndSelSectorSPDR	XLI	100.66	-2.41	2.5	iShS&P500Grw	IVW	69.43	-1.24	18.7	VangdFTSE Europe	VGK	56.99	-1
InvscNasd100	QQQM	149.49	-1.33	36.5	iShS&P500Value	IVE	153.36	-1.42	5.7	VangdGrowth	VUG	276.18	-1
InvscQQQI	000	363.37	-1.31		iShSelectDiv	DVY	107.38		-11.0	VangdHlthCr	VHT	235.44	-1
InvscS&P500EW	RSP	140.48	-1.58		iSh7-10YTreaBd	IEF	89.39	-0.47	-6.7	VangdHiDiv		103.05	-0
iShCoreDivGrowth	DGRO	49.51	-1.04		iShShortTreaBd	SHV	110.29	0.01	0.3	VangdIntermBd	BIV	70.75	-0
iShCoreMSCIEAFE	IEFA	63.10	-1.76		iShTIPSBondETF	TIP	102.62	-0.21	-3.6	VangdIntrCorpBd	VCIT	74.13	-0
iShCoreMSCIEM	IEMG		-1.64		iSh20+YTreaBd	TLT	84.50		-15.1	VangdIntermTrea	VGIT	56.25	-0
iShCoreMSCITotInt	IXUS	58.85	-1.72		iShUSTreasuryBd	GOVT	21.68	-0.32	-4.6	VangdLC	vv	197.11	-1
iShCoreS&P500	IVV	432.31	-1.31		iSh0-3MTreaBd		100.51	0.02	0.4	VangdMC	VO	206.41	-1
iShCoreS&P MC	IJH	244.96	-2.22		JPMEquityPrem JPM UltShIncm	JEPI JPST	53.54 50.08	-0.96	-1.7	VangdMC Val	VOE	129.70	-1
iShCoreS&P SC	IJR	92.14	-1.91						-0.1	VangdMBS	VMBS	42.51	-0
iShCoreS&PTotUS	тот	94.47	-1.44		PacerUSCashCows10		49.66	-0.80	7.4	VangdRealEst	VNQ	74.66	-2
iShCoreTotalUSDBd	IUSB	42.79	-0.42		ProShUltPrQQQ	TQQQ	36.68		112.0	VangdS&P500ETF	VOO	395.22	
iShCoreUSAggBd	AGG	92.02	-0.47		SPDRBbg1-3MTB SPDR DJIA Tr	BIL DIA	91.65 336.63	0.01	0.2 1.6	VangdST Bond	BSV VCSH	74.64	-0
iShEdgeMSCIMinUSA		73.05	-0.75	1.3	SPDR DJIA II SPDR Gold	GLD	180.87	1.45	6.6	VangdSTCpBd VangdShtTmInfltn	VCSH	74.49 46.95	-0 -0
iShEdgeMSCIUSAQua			-1.28	17.8	SPDR Gold	SPDW	30.44	-1.68	2.5	VangdShortTrea	VGSH	40.95 57.39	-0
iShGoldTr	IAU	36.92	1.46	6.7	SPDRPtiDevx03 SPDRS&P500Value	SPUW	41.13	-1.00	5.8	VangdShort frea	VGSH	185.34	-2
iShiBoxx\$HYCpBd	HYG	72.04	-0.48		SPDR9tfS&P500Value	SPLG	50.58	-1.40	12.4	VangdTaxExemptBd	VTEB	47.60	-0
iShiBoxx\$IGCpBd	LQD	99.08	-0.80		SPDRS&P500Growth		60.14	-1.25	12.4	VangdTotalBd	BND	68.34	-0
iShMBS	MBB	86.18	-0.65		SPDR S&P500Growth	SPY	430.21	-1.33	12.5	VangdTotIntlBd	BNDX		-0
iShMSCIACWI	ACWI	92.32	-1.43		SchwabIntEquity	SCHF	33.41	-1.65	3.7	VangdTotIntIStk	VXUS	52.54	-1
iShMSCIEAFE	EFA	67.77	-1.74	3.2	SchwabUS BrdMkt	SCHP	49.98	-1.44	11.5	VangdTotalStk	VTI	213.09	-1
iSh MSCI EM	EEM	37.46	-1.52		SchwabUS Div	SCHD	70.62	-1.13	-6.5	VangdTotWrldStk	VT	92.64	-1
iShMSCIEAFEValue	EFV	48.10	-1.60	4.8	SchwabUS LC	SCHX	50.85	-1.45	12.6	VangdValue	VTV	137.59	-1
iShNatlMuniBd	MUB	101.56	-0.19	-3.8	SchwabUS LC Grw	SCHG	74.03	-1.65	33.2	WisdTrFRTrea	USFR		-1
15m addividinibu	NIOD	101.20	-0.13	0.0	SCIWADOS LC GIW	JULIO	74.05	-1.02	22.CC	wisulinkiled	USPK	20.44	

					-
					T
		Closing	Chg	YTD	
ſF	Symbo	Price	(%)	(%)	В
PDR S&PMdCpTr	MDY	448.58	-2.23	1.3	N
PDR S&P Div	SDY	113.92	-1.27	-8.9	-
chSelectSector	XLK	167.72	-1.03	34.8	H
ngdInfoTech	VGT	420.23	-1.37	31.6	-
ingdSC Val	VBR	156.53	-2.07	-1.4	
ngdExtMkt	VXF	140.06	-2.38	5.4	ls
ngdDivApp	VIG	156.17	-0.88	2.8	_
IngdFTSEAWxUS	VEU	51.03	-1.66	1.8	R
ngdFTSEDevMk	VEA	42.91	-1.70	2.2	D
ingdFTSE EM	vwo		-1.64	-1.2	
ingdFTSE Europe	VGK	56.99	-1.84	2.8	B
ngdGrowth	VUG	276.18	-1.59	29.6	_
ngdHlthCr	VHT	235.44	-1.02	-5.1	T
ngdHiDiv	VYM	103.05	-0.88	-4.8	_
ngdIntermBd	BIV	70.75	-0.46	-4.8	0
ngdIntrCorpBd	VCIT	74.13	-0.63	-4.4	-
ngdIntermTrea	VGIT		-0.27	-3.8	
ingdLC	vv	197.11	-1.35	13.2	
ingdMC	vo	206.41	-1.82	1.3	D
ingdMC Val	VOE	129.70	-1.78	-4.1	
IngdMBS	VMBS	42.51	-0.58	-6.6	T
ingdRealEst	VNQ	74.66	-2.12	-9.5	1
ngdS&P500ETF	VOO	395.22	-1.34	12.5	In
ingdST Bond	BSV	74.64	-0.13	-0.9	F
ngdSTCpBd	VCSH		-0.16	-0.9	
ngdShtTmInfltn	VTIP	46.95	-0.09	0.5	В
ngdShortTrea	VGSH	57.39	0.02	-0.7	
ingdSC	VB	185.34	-2.20	1.0	T
ngdTaxExemptBd	VTEB	47.60	-0.27	-3.8	l
ngdTotalBd	BND	68.34	-0.43	-4.9	н
ngdTotIntlBd	BNDX		-0.19	-0.0	Т
ngdTotIntlStk	VXUS	52.54	-1.70	1.6	L ''
ngdTotalStk	VTI	213.09	-1.48	11.5	*F
ngdTotWrldStk	VT	92.64	-1.52	7.5	-
ingdValue	VTV	137.59	-1.03	-2.0	N
isdTrFRTrea	USFR	50.44		0.3	1

BIGGEST 1,000 STOCKS

*

			Stock	Net Sym Close Chg		Net Sym Close Chg	Stock	Net Sym Close Chg	Stock	Net Sym Close Chg		Net Sym Close Chg	Stock	Net Sym Close Chg
How to Read the Stor The following explanations appl Arca, NYSE American and Nasd	ly to NYSE, NYSE I-New 52-w	reek high.	F5	FFIV 150.99 -1.99	IDEX	IEX 196.93 -6.26	Marsh&McLe	n MMC 189.65 -1.25	ParamountA	PARAA 15.31 -0.22	ServiceIntl	SCI 55.81 -0.50	Trip.com	TCOM 32.94 -0.21
listed securities. Prices are com that include primary market tra	posite quotations dd -Indicate	s loss in the most recent four		FMC 66.16 -1.08 FCN 190.60 1.52	1 Illumina	ks ITW 225.41 -9.89 ILMN 124.45 -7.42	MarvellTech		ParkerHannif Paychex	PAYX 118.27 -0.87	Shell	NOW 550.68 -17.79 SHEL 68.49 0.01	TruistFinl Twilio	TFC 28.74 -1.08 TWLO 56.02 -2.11
trades reported by Nasdaq BX Chicago Stock Exchange, Cboe,	(formerly Boston), FD-First da	y of trading. meet continued listing	FactSet Fairlsaac	FDS 443.80 -6.27 FICO 914.70 -3.59	Incyte	IMO 61.00 -0.05 INCY 56.82 -0.37	Masco Mastercard	MAS 50.79 -1.76 MA 393.21 -8.56	Paylocity	re PAYC 268.23 -7.00 PCTY 198.61 -5.18	ShinhanFin	ns SHW 242.29 -10.55 SHG 26.59 0.43	TylerTech TysonFoods	TYL 379.40 -8.17 TSN 46.93 -0.27
Nasdaq ISE. The list comprises the 1,000 lar	standards	5	Fastenal FederalRealty		Infosys	INFA 20.76 -0.64 INFY 17.14 -0.21	MatchGroup		PayPal Pearson	PYPL 55.80 -1.36 PSO 11.09 -0.07	Shopify	ed SWAV 206.70 -3.26 SHOP 52.84 -1.33	UBS Group UDR	UBS 24.39 -0.68 UDR 35.81 -0.61
based on market capitalization. Underlined quotations are those	se stocks with requiremen		FedEx Ferguson Ferrari	FDX 243.61 -4.42 FERG 159.83 -7.75 RACE 303.49 -6.08		d IR 62.39 -3.27 PODD 144.87 3.49 INTC 35.64 -0.42	Mattel McCormick	MAT 21.04 -0.36 MKC 61.21 -0.65	PembinaPipelii PenskeAuto Pentair	ne PBA 30.58 -0.44 PAG 152.38 0.65 PNR 62.52 -2.20	SiriusXM	ty SPG 108.55 -1.60 SIRI 4.60 -0.12 pe SITE 142,49 -13.40	U-Haul U-Haul N US Foods	UHAL 53.89 -1.51 UHAL/B 50.54 -2.26 USFD 37.42 -0.44
large changes in volume compa issue's average trading volume.	v-Trading h	alted on primary market.	FidNatlFinl	FNF 39.31 -0.95 FIS 51.86 -1.75	InteractiveBrk	rs IBKR 82.89 -3.56 ICE 109.64 -2.12	McDonald's McKesson	MCD 256.03 4.89 MCK 455.72 0.47 MEDP 231.02 -10.23	Penumbra PepsiCo	PEN 206.83 0.77 PEP 162.03 1.66	SkechersUS	A SKX 49.19 -1.29 SWKS 94.22 -1.44	UWM Uber	UWMC 4.99 -0.24 UBER 43.00 -1.38
Boldfaced quotations highlight whose price changed by 5% or	more if their reorganized	uptcy or receivership or being under the Bankruptcy Code,	FifthThirdBncp	FITB 24.64 -0.67 FCNCA 1356.43 -22.93	InterContinen		Medpace Medtronic Mercadol ibro	MDT 72.70 -0.11 e MELI 1211.70 -28.95	PerformanceFo	od PFGC 55.77 -0.34	SmithAO	AOS 68.47 -3.36	Ubiquiti UiPath	UI 118.14 -3.96 PATH 16.25 -0.45
previous closing price was \$2 o	-	s assumed by such companies.	FirstSolar	FSLR 153.13 -4.93 FE 35.82 -0.26	IntlFlavors	IFF 66.99 -0.57 IP 35.26 -0.25	Merck MetaData	MRK 101.99 -2.18 AIU 1.00 -0.02	I PetroleoBras		Smucker	SJM 114.81 0.87 SNAP 9.60 -0.09	UltaBeauty Unilever	ULTA 372.50 -11.16 UL 48.36 -0.02
	k tables reflect composite regular t he closing prices from 4 p.m. the p		Fiserv	FI 113.08 -1.91 FIVE 175.88 -0.44		IPG 29.03 -1.06 INTU 527.42 -11.36		IS META 316.97 -7.03 MET 63.08 -0.86		PFE 31.41 -1.34	Snap-On	SNA 250.35 -8.69 SNOW 153.23 -6.16	UnionPacific	UNP 205.92 -5.42 s UAL 36.24 -3.88
Wednesday, October 18, 2023	Net	Net	FleetCorTech Flex	FLT 247.76 -3.89 FLEX 25.66 -0.28	IntuitiveSurgio	al ISRG 275.52 0.15 s INVH 32.20 -0.52	! Mettler-Toled	o MTD 1010.00 -35.23 h MCHP 77.99 -0.92	Phillips66	PSX 116.25 2.34 st PNW 75.72 -0.46	SOQUIMICH	SQM 55.44 -4.01 SOFI 7.77 -0.48	UnitedMicro UPS B	UMC 7.40 0.06 UPS 153.82 -3.36
Net Stock Sym Close Chg	Stock Sym Close Chg	Stock Sym Close Chg	Floor&Decor FomentoEconMex		IronMountain	IONS 45.98 -2.53 n IRM 59.99 -1.70	MicronTech Microsoft	MU 69.14 0.14 MSFT 330.11 -1.95	Pinterest	PINS 26.83 -1.17 cs PXD 255.23 3.39	SolarEdgeTe	ch SEDG 120.78 -6.87 SONY 84.10 -1.61	UnitedRentals US Bancorp	
ABC	BarrickGold GOLD 16.54 0.12 Bath&BodyWks BBWI 32.02 -0.58	Cognex CGNX 37.03 -1.55 CognizantTech CTSH 66.03 -1.14	Fortinet	F 11.75 -0.29 FTNT 57.67 -0.98	ItauUnibanco	ITUB 5.27 -0.15	MidAmApt Middleby	MAA 131.95 -1.90 MIDD 121.37 -4.17	PlainsAllAmPij PlainsGP	pe PAA 15.70 0.12 PAGP 16.27 0.08		SO 66.60 -0.51 SCCO 71.11 -2.72	US Steel UnitedTherap	X 32.46 -0.74 UTHR 230.31 -6.46
AECOM ACM 79.96 -3.79	Baxterinti BAX 32.06 0.22 BectonDicknsn BDX 259.40 0.10	CoinbaseGlbl COIN 73.93 -3.53 ColgatePalm CL 73.07 0.99	Fortis Fortive	FTS 39.59 -0.46 FTV 72.08 -3.06	JD.com	K L JD 25.88 -0.77	MitsubishiUF MizuhoFin	MUFG 8.26 -0.07 MFG 3.41 0.01	Pool Primerica	POOL 336.74 -15.48 PRI 207.72 -4.69	A SouthwesternEr	ner SWN 7.25 -0.08	UnitySoftware	
AES AES 13.87 0.12 Aflac AFL 80.35 -1.05	BeiGene BGNE 167.54 -4.01 BentleySystems BSY 53.08 -0.90 Bentley: MOR 45.24 0.95	Comcast A CMCSA 44.02 -0.34 SABESP SBS 11.74 -0.41	FortuneBrands FoxA	FOXA 31.56 -0.35	JPMorganChas	se JPM 145.91 -1.62 JBL 135.40 -2.02	Mobileye Moderna	MBLY 35.85 -0.76 MRNA 86.01 -0.32		PFG 70.61 -1.84 PCOR 65.23 -4.05		SPLK 148.01 0.20 SPOT 148.92 -8.41	UniversalHealth	OLED 162.22 -0.88 3 UHS 128.03 0.70
AGCO AGCO 115.58 -5.28 Ansys ANSS 290.48 -7.21	Berkley WRB 65.24 -0.85 BerkHathwy B BRK.B 340.89 -4.50 BerkHathwy A BRK.A 518145-9604.99	ConagraBrands CAG 27.38 -0.30 Confluent CFLT 29.70 -0.83 Consephilling COP 136 FO 113	FoxB Franco-Nevada		In ald Income	JKHY 147.08 -1.95	MolsonCoors		Procter&Gamb Progressive	PGR 159.18 0.24	Stantec	ck SWK 79.48 -4.33 STN 62.23 -3.30	VF	UNM 51.19 -0.48 VFC 18.68 0.23
APA APA 42.99 0.56 ASE Tech ASX 7.75 -0.06	BerryGlobal BERY 56.91 -1.29 BestBuy BBY 70.20 -0.83	ConocoPhillips COP 126.59 1.13 ConEd ED 88.28 -0.62 ConstBrands A STZ 233.43 -4.37	FranklinRscs FreeportMcM FreseniusMed	FCX 35.61 -0.87	JamesHardie		monday.com Mondelez	MDLZ 64.15 0.61	Prologis PrudentialFi		Starbucks StateStreet	SBUX 93.75 -0.43 STT 68.63 1.37		VICI 28.74 -0.53 MTN 222.88 -2.05
ASML ASML 583.25 - 25.38 AT&T T 14.32 - 0.26	Bio-Techne TECH 66.31 -2.05 Bio-RadLab A BIO 314.00 -27.05	ConstellationEner CEG 116.07 -1.08		YMM 7.01 -0.09	JefferiesFinl			MDB 358.68 -7.02 er MPWR 461.06 -15.50	Prudential PublicServiceE		SteelDynami Stellantis	cs STLD 103.41 -3.37 STLA 19.71 -0.35		VALE 12.90 -0.56 VLO 134.03 3.31
AbbottLabs ABT 95.56 3.42 AbbVie ABBV 149.28 0.10	Biogen BIB 263.50 -3.93 BioMarinPharm BMRN 85.40 -1.27	Cooper COO 326.85 -3.18 Copart CPRT 45.23 -1.43 Core&Main CNM 30.42 -1.58		FUTU 62.14 -0.23	1 JohnsonContro		MonsterBev Moody's	MCO 314.02 -7.38	PulteGroup	PSA 266.63 -6.39 PHM 71.80 -1.66	Steris Stevanato	STE 221.94 -1.10 STVN 33.84 -0.08	Ventas	SVEEV 206.20 -1.74 VTR 43.17 -0.46
AcadiaHealthcare ACHC 77.49 -1.27 Accenture ACN 303.77 -4.48	BioNTech BNTX 94.38 -2.21 Birkenstock BIRK 38.50 -0.78	CorebridgeFin CRBG 21.60 Corning GLW 27.60 -0.59	GE HealthCare	GEHC 65.23 -1.57	KB Financial KBR		Morningstar	MORN 229.85 -4.67	PureStorage Qiagen	QGEN 37.84 -1.07	STMicroelec	STM 41.79 -1.03		VRSN 213.04 -1.23 s VRSK 238.13 -1.78
Adobe ADBE 557.87 -2.22 AdvDrainageSys WMS 113.47 -4.69	BlackRock BLK 616.69 -19.41 Blackstone BX 102.30 -3.03	Corteva CTVA 51.23 -0.33 CoStar CSGP 77.66 -2.14	GFLEnvironmenta GSK	GSK 36.29 -0.38	KKR KLA	KKR 57.95 -2.49 KLAC 479.40 -6.95	Mosaic MotorolaSol	MOS 36.68 -0.45 MSI 288.22 -1.63	Qorvo Qualcomm	QRVO 91.70 -1.06 QCOM 110.98 -1.22 es PWR 172.04 -7.36	SumitomoMi		Verizon VertexPharm Vertiv	VZ 31.05 -0.46 VRTX 367.55 -5.95 VRT 38.75 -2.44
AdvMicroDevices AMD 102.17 -2.97 Aegon AEG 4.77 -0.09 AerCap AEB 58.78 -2.11	BlockHR HRB 43.36 -0.57 Block SQ 44.58 -1.32	l Costco COST 574.64 0.30 CoterraEnergy CTRA 29.71 0.31		AJG 234.34 -1.69	KarunaThera	BZ 15.35 -0.30 p KRTX 170.91 -7.28	MurphyOil MurphyUSA NICE	MUR 47.63 0.29 MUSA 370.27 3.74 NICE 159.83 -5.70	QuantaService QuestDiag	DGX 122.79 -0.50	SunLifeFinanc	ial SLF 48.13 -0.96	Viatris	VRT 38.75 -2.44 VTRS 9.37 -0.06 VFS 5.97 -0.49
AerCap AER 58.78 -2.11 AgilentTechs A 108.61 -3.79 agilon health AGL 19.50 -0.30	BlueOwlCapital OWL 13.02 -0.32 Boeing BA 185.69 0.09	Coty COTY 9.77 -0.18 Coupang CPNG 17.31 -0.52	Gaming&Leisure Garmin Gartnor	GRMN 105.06 -1.77	Kenvue	K 50.31 -0.31 KVUE 20.06 0.28	NICE NIO NNN REIT	NIO 7.91 -0.62		RS		y SU 34.53 0.17 np SMCI 285.03 -13.51 SUZ 11.06 -0.38	Vipshop Visa	VIPS 15.13 -0.23 V 237.47 -3.73
AgricoEagleMines AEM 49.28 -0.04 AirProducts APD 283.38 -7.52	Booking BKNG 2850.24-128.16 BoozAllen BAH 125.30 -3.38	Credicorp BAP 125.99 -0.19 CrowdStrike CRWD 187.79 0.65		IT 349.82 -1.91 GEN 17.60 -0.10 GD 239.81 -1.46	KeyCorp	KEY 10.68 -0.40	NNN REIT NOV NRG Energy	NOV 20.82 -0.24	RBC Bearing RB Global	RBA 64.77 -2.31	Cumanaura	SUZ 11.06 -0.38 Inl SYF 29.90 -0.60 SNPS 485.73 -6.32	Vistra VMware	V 257.47 -5.75 VST 32.42 -0.15 VMW166.25 1.15
Airbroducts APD 263.36 -7.52 Airbnb ABNB 122.17 -3.54 AkamaiTech AKAM 107.11 -0.53	BorgWarner BWA 38.50 -0.97 BostonProps BXP 56.59 -1.57	CrownCastle CCI 90.93 -2.47 CrownHoldings CCK 81.20 -1.51	GeneralElec	GD 239.81 -1.46 GE 107.57 -2.45 GIS 63.20 0.22	KimberlyClar	h KEYS 126.01 -3.33 k KMB 123.43 1.66	NVR	NVR 5746.59 -93.41 n NXPI 193.20 -4.52	RELX RPM	RELX 35.04 -0.34 RPM 95.21 -2.12	Sysco	SYY 65.18 0.32	Vodafone	VOD 9.48 -0.05 VOYA 67.85 -1.41
Albemarle ALB 152.89 -16.59 Albertsons ACI 22.55 -0.07	BostonSci BSX 50.71 0.25 BristolMyers BMY 56.85 -0.52	CubeSmart Cummins CUBE 37.24 -0.99 CMI 223.91 -4.89	GeneralMotors		KinderMorga	an KMI 17.14 -0.19	Nasdaq NationalGrid	NDAQ 51.92 1.99	RTX RalphLauren			UV	VulcanMatis	VMC 203.74 -11.05
Alcon ALC 73.19 -1.66 AlexandriaRIEst ARE 97.57 -3.36	BritishAmTob BTI 30.30 -0.19 Broadcom AVGO 887.03 2.63	Curtiss-Wright CW 205.20 -3.24 CyberArkSoftware CYBR 168.48 -2.39		G 36.38 -0.25 GNTX 30.45 -0.81	KinrossGold KinsaleCapit Klaviyo	KGC 5.31 al KNSL 440.39 -11.45 KVYO 30.67 -1.55	NatWest NetApp	NWG 5.60 -0.16 NTAP 75.77 -1.15	Rambus RangeResource		TD Synnex	TRP34.60-0.51SNX92.77-3.11	W 2	
Alibaba BABA 83.01 -0.90 AlignTech ALGN 272.40 -4.36	BroadridgeFinl BR 177.64 -3.47 BrookfieldAsset BAM 31.53 -1.18	DEF		GPC 148.73 -1.48 GGB 4.28 -0.16	· rading o	t KNX 47.32 -3.07 PHG 18.54 -0.48	NetEase	NTES 104.05 0.28 NFLX 346.19 -9.53	RaymondJam RealtyIncom	e O 49.91 -1.06	Telus	ty TEL 122.00 -2.52 TU 16.41 -0.35	WEX	WEC 83.01 -0.42 WEX 192.27 -2.80
Allegion ALLE 100.07 -5.52 AlliantEnergy LNT 49.82 -0.20	Brookfield BN 32.04 -1.05 BrookfieldInfr BIP 24.46 -1.23 BrookfieldRenew BEPC 22.71 -0.65	DTE Energy DTE 97.11 -1.42 Danaher DHR 204.80 -7.14	GileadSciences		KoreaElecPw		Neurocrine NewFortressEne	NBIX 112.22 -1.97 er NFE 32.66 -0.72	RegalRexnor RegencyCtrs		TFI Intl	TX 37.80 -1.11 TFII 119.03 -4.98	W.P.Carey WPP Wabtec	WPC 53.82 -1.66 WPP 43.23 -0.68 WAB 101.66 -3.94
Allstate ALL 127.41 -0.51 AllyFinancial ALLY 25.62 0.22	Brown&Brown BRO 68.85 -0.16 Brown-Forman A BF.A 56.79 0.26	Darden DRI 140.72 -0.09 DarlingIngred DAR 45.68 -1.84	GlobalPayments GlobalFoundries	GPN 115.05 -1.14	Kroger	KR 44.23 -0.26 LKQ 50.42 -0.64	NewOrientalEdu		RegionsFinl ReinsGrp	RF 16.54 -0.25 RGA 151.44 -2.38	XLT	TIMB 15.24 -0.13 TJX 90.45 -0.16	WalgreensBoot	WAB 101.06 -5.94 s WBA 21.25 -1.60 WMT 161.54 0.12
AlnylamPharm ALNY 165.08 -0.90 Alphabet C GOOG 139.28 -1.71	Brown-Forman B BF.B 55.78 0.09 Bruker BRKR 60.17 -2.50	Datadog DDOG 88.29 -2.12 DaVita DVA 78.74 2.36	Globant GlobeLife	GLOB 189.56 -9.43 GL 114.77 -1.32	LPL Financia	LINC 50.42 0.04 I LPLA 232.74 -5.33	NYTimes A Newmont	NEM 39.92 -0.55	RelianceStee		T-MobileUS	TKO 76.87 -3.00 TMUS 139.69 -3.08 TPG 29.21 -0.83		WBD 10.58 -0.34 WBG 32.30 -0.59
Alphabet A GOOGL 137.96 -1.76 Altria MO 43.12 -0.07	BuildersFirst BLDR 111.90 -6.25 Bunge BG 105.31 0.19	DeckersOutdoor DECK 511.96 -6.95 Deere DE 382.23 -8.89	GlobusMedica GoDaddy	GMED 53.88 -1.26 GDDY 75.99 -0.36	LabCorp.ofAmeri	ca LH 201.75 -1.20 h LRCX 642.24 -7.71	I NewsCorp A NewsCorp B		Rentokillnit Repligen	RTO 35.71 -0.81 RGEN 142.51 -3.37	1 T.RowePrice	TROW 98.05 -2.70		s WCN 137.70 -1.47 WM 159.05 -1.01
Amazon.com AMZN 128.13 -3.34 Ambev ABEV 2.45 -0.07	BurlingtonStrs BURL 123.35 -2.59 CACI Intl CACI 335.59 -6.19	DellTechC DELL 66.89 -1.01 DeltaAir DAL 33.14 -1.54	GoldFields GoldmanSachs		LamarAdv LambWestor	LAMR 83.69 -1.83	NextEraEnerg Nike	NKE 103.77 0.76		s RSG 147.22 -0.87 RMD 142.43 0.59	TakeTwoSoftwa	are TTWO 142.50 -2.36	Waters Watsco	WAT 248.51 -8.11 WSO 368.17 -17.70
Amcor AMCR 8.66 -0.19 Amdocs DOX 81.34 -0.48	CBRE Group CBRE 69.80 -1.71 CCC Intelligent CCCS 12.51 -0.19	DentsplySirona XRAY 32.34 0.22 DeutscheBank DB 10.33 -0.32	Grab Graco	GRAB 3.33 -0.10 GGG 71.22 -3.54	LandstarSyste	m LSTR 173.02 -8.28 ds LVS 44.60 -0.72	NiSource Noble	NI 25.98 -0.15 NE 47.69 -0.77	RestaurantBran	ds QSR 64.31 0.07 RVTY 101.58 -4.06	Tapestry	TPR 28.60 -0.46 es TRGP 87.51 -0.34	Watsco B WeatherfordInt	WSOB375.00 -11.05
Ameren AEE 78.49 0.09 AmericaMovil AMX 16.38 -0.76	CDW CDW 206.16 -2.74 CF Industries CF 84.74 -1.81	DevonEnergy DVN 50.08 0.15 DexCom DXCM 84.12 3.63		GWW 711.86 -26.30 GPK 21.40 -0.29	Lear	LSCC 75.04 -1.40 LEA 132.23 -3.93	Nokia Nomura	NOK 3.39 -0.10 NMR 3.94 -0.08		ty REXR 47.10 -1.34 RIO 62.42 -1.95	Target	TGT 110.21 -2.35	WebsterFin WellsFargo	WBS 39.32 -1.42 WFC 41.53 -0.45
AmerAirlines AAL 11.36 -0.58 AEP AEP 75.17 -0.50	CGI A GIB 98.56 -0.41 CH Robinson CHRW 83.78 -2.43	Diageo DEO 152.31 -1.17 I DiamondbkEner FANG 169.92 1.45	Grifols GpoAeroportua GpoAeroportSu	GRFS 8.55 -0.22 PAC 131.77 -1.44	Leidos	th LEGN 67.20 -0.52 LDOS 94.27 -1.20		NDSN 217.47 -6.71 m NSC 203.44 -4.39	Rivian RobertHalf	RIVN 18.09 -1.81 RHI 75.55 -1.42	TeckResources	sB TECK 41.03 0.07 na TEO 6.01 0.34	Welltower Wescolntl	WELL 85.76 -0.80 WCC 132.80 -6.10
AmerExpress AXP 151.53 -2.86 AmericanFin AFG 111.05 -1.10	CME Group CME 215.99 -0.51 CMS Energy CMS 53.95 -0.34	Dick's DKS 110.07 -1.30 DigitalRealty DLR 120.56 -2.73	Guidewire	ASR 213.11 -4.28 GWRE 90.24 -1.47 HCA 242.51 -1.46	Lennar A	LEN.B 100.31 -2.32 LEN 106.78 -2.85	NorthropGrun	st NTRS 65.94 -4.67 m NOC 490.76 1.76	Robinhood Roblox	HOOD 9.21 -0.39 RBLX 30.19 -0.81	TeledyneTec	h TDY 398.85 -11.18 TFX 191.82 -2.25		s WST 375.05 -11.53 I WDC 44.45 0.31
AmHomes4Rent 34.57 -0.42 AIG AIG 62.60 -0.58 AmerTowerREIT 162.78 -4.13	CNA Fin CNA 41.06 -0.38 CNH Indl CNHI 11.56 -0.42	DiscoverFinSvcs DFS 91.85 -1.17 Disney DIS 84.68 -1.52		HDB 57.40 -0.84 DINO 57.28 1.53	LiAuto	LII 361.73 -16.72 LI 32.75 -0.65	Novartis	ie NCLH 14.32 -0.82 NVS 96.10 -0.39 NVO 100.57 -0.59	RocketCos. Rockwell	RKT 7.50 -0.36 ROK 275.57 -14.98	TelefonicaBra		Westlake	WES 27.66 0.15 WLK 120.73 -4.38
AmeriVaterWorks AWK 118.14 -2.16 AmericoldRealty COLD 27.60 -1.14	CRH CRH 55.52 -2.47 CSX CSX 30.67 -0.70	DocuSign DOCU 41.65 -0.83 DolbyLab DLB 80.79 -1.22 DollarGeneral DG 116.02 -1.31	HP HSBC	HPQ 27.04 -0.06 HSBC 39.67 -0.42	LibertyBroadban	dA LBRDA 93.88 -0.40 dC LBRDK 93.90 -0.42 C LBTYK 18.06 -0.34	NuHoldings	NU 7.71 -0.17 NUE 145.11 -4.45	RogersComm RoivantScience	es ROIV 9.87 -0.32				WRK 37.14 -0.01 r WY 29.70 -0.34
Ameriprise AMP 323.56 -11.50 Ametek AME 143.96 -5.79	CVS Health CVS 71.09 -0.92 CadenceDesign CDNS 246.56 -3.46	DollarGeneral DG 116.02 -1.51 DollarTree DLTR 113.75 -1.62 DominionEner 40.76 -1.15	H World Haleon	HTHT 34.40 -0.49 HLN 8.26 -0.08	LibertyGlobal	CLBTYK 18.06 -0.34 B LBTYB 16.68 -0.30 A LBTYA 16.63 -0.34	Nutanix Nutrien	NTR 61.35 -0.98	Roku Rollins	ROKU 62.10 -6.33 ROL 35.92 -0.59	Tenaris	TS 33.39 -0.24	Whirlpool	t WPM 42.98 -0.19 WHR 130.30 -0.61
Amgen AMGN 283.58 -0.84 Amphenol APH 81.54 -2.12	CAE CAE 21.51 -1.17 CaesarsEnt CZR 42.52 -1.35 CamdenProperty CPT 95.34 -2.24	Domino's DPZ 345.12 -5.37 Donaldson DCI 59.44 -2.46		HAL 43.13 0.09 HIG 72.96 -0.04	LibertyFormOne	A FWONA 61.57 -1.30 C FWONK 69.44 -1.46		c NVT 49.32 -2.88 NVDA 421.96 -17.42	RoperTech RossStores	ROP 492.90 -7.03 ROST 117.24 -0.76	Teradyne	TER 94.08 -2.44		WMB 35.65 -0.25 a WSM 160.33 -3.13
AnalogDevices ADI 171.27 -1.34 AngloGoldAsh AU 18.85 -0.16	CamdenProperty CPT 95.34 -2.24 Cameco CCJ 37.87 0.20 CampbellSoup CPB 39.84 0.21	DoorDash Dover DOV 135.83 -5.76	Hasbro HealthpeakProp	HAS 58.01 -0.40 PEAK 17.01 -0.40	LibertySirius	B LSXMB 25.89 -0.10 A LSXMA 25.52 -0.70		ΡQ	RoyalBkCanad RoyalCaribbea RoyalGold		TetraTech	TSLA 242.68 -12.17 TTEK 162.43 -3.74 TEVA 8.46 -0.20		WTW 211.42 -3.93 WSC 40.52 -2.97 WIT 4.72 -0.16
AB InBev BUD 53.26 -0.76 AnnalyCap NLY 17.03 -0.55	CIBC CM 37.13 -1.10 CanNtlRlwy CNI 105.38 -3.56	Dow DOW 50.08 -0.65 DrReddy'sLab RDY 67.75 1.43	Heico Heico A	HEI 163.73 -2.27 HEI.A 130.01 -1.61	LibertySirius	CLSXMK 25.60 -0.70 er LNW 74.87 -0.71	OGE Energy	OGE 34.08 -0.21	RoyaltyPharm	na RPRX 27.46 -1.02 ty RYAN 45.93 -0.69	TexasInstrumen	nts TXN 151.82 -2.44 nd TPL 1978.32 40.09		WIT 4.72 -0.16 y WDS 23.25 0.16 WWD 126.35 -4.66
AnteroResources AR 28.50 -0.22 Aon AON 325.00 -2.54	CanadianNatRscs CNQ 66.89 -0.20 CdnPacKC CP 70.92 -1.40	DraftKings DKNG 28.56 -1.69 Dropbox DBX 27.62 -0.10		HSY 191.20 0.43	EliLilly LincolnElectr	LLY 607.24 -1.07 ic LECO 175.89 -12.36	ONEOK ON Semi	OKE 68.64 -0.87 ON 89.59 -2.10	Ryanair SAP	RYAAY 89.88 -2.41 SAP 127.61 -2.88	Textron	TXT 78.52 40.09 TXT 78.52 -1.36 er TMO 467.26 -17.51	WooriFinl Workday	WF 27.83 -0.21 WDAY 214.61 -3.46
ApolloGlbMgmt APO 87.25 -0.86 AppFolio APPF 181.11 -4.64	CapitalOne COF 95.93 -2.11 CardinalHealth CAH 93.80 0.76	Display Display <thdisplay< th=""> <thdisplay< th=""> <thd< td=""><td>Hess HessMidstream HeudettDaskard</td><td></td><td>Linde LithiaMotors</td><td>LIN 371.40 -9.69 LAD 267.48 -5.64</td><td></td><td>ORLY 930.50 -15.56 ol OXY 66.50 0.97 OKTA 85.40 -0.78</td><td>SAP S&P Global SBA Comm</td><td>SAP 127.01 -2.00 SPGI 359.90 -7.41 SBAC 194.76 -5.65</td><td>ThomsonReute</td><td>er TRI 124.20 -2.27 MMM 88.40 -2.15</td><td></td><td>WYNN 86.72 -3.58 XP 20.74 -0.64</td></thd<></thdisplay<></thdisplay<>	Hess HessMidstream HeudettDaskard		Linde LithiaMotors	LIN 371.40 -9.69 LAD 267.48 -5.64		ORLY 930.50 -15.56 ol OXY 66.50 0.97 OKTA 85.40 -0.78	SAP S&P Global SBA Comm	SAP 127.01 -2.00 SPGI 359.90 -7.41 SBAC 194.76 -5.65	ThomsonReute	er TRI 124.20 -2.27 MMM 88.40 -2.15		WYNN 86.72 -3.58 XP 20.74 -0.64
Apple AAPL 175.84 -1.31 ApplMaterials AMAT 141.45 -1.27	Carlisle CSL 256.72 -8.03 Carlyle CG 28.94 -1.14	DuPont DD 74.22 -1.45 Dynatrace DT 47.81 -0.92	HewlettPackard Hilton Hologic	HPE 16.68 -0.30 HLT 152.28 -2.55 HOLX 67.91 -1.09	LiveNationEr LloydsBankir	nt LYV 82.54 -1.94 ng LYG 2.04 -0.08		nt ODFL 401.86 -15.28		ts SEIC 55.88 -1.25 SKM 20.43 -0.08	Toast	TOST 17.80 -0.65 TOL 70.48 -1.96	XPO	XPO 73.94 -3.02 XEL 59.33 -0.18
Applovin APP 38.95 -0.69 Aptargroup ATR 126.78 -0.70	CarMax KMX 64.86 -3.61 Carnival CCL 11.69 -0.81	EMCOR EME 196.45 -9.93 ENI E 32.80 -0.25	HomeDepot	HOLX 67.91 -1.09 HD 290.24 -5.70 HMC 33.07 -0.70	Loews	tin LMT 446.07 4.94 L 64.95 -0.55	OmegaHealthcar		SS&C Tech Saia	SSNC 50.86 -1.37 SAIA 394.19 -12.45	TopBuild Toro	BLD 229.77 -10.21 TTC 84.46 -3.02	XPeng Xylem	XPEV 13.80 -1.58 XYL 90.34 -2.68
Aptiv APTV 92.01 -4.57 Aramark ARMK 26.73 -0.21	Carnival CUK 10.54 -0.75 CarrierGlobal CARR 50.15 -2.75	EOG Rscs EOG 135.76 1.46 EPAM Systems EPAM 235.02 -8.45	HondaMotor Honeywell HormelFoods	HON 183.47 -2.85	LogitechIntl Lowe's	LOW 193.46 -4.69	OnHolding OpenText	ONON 25.24 -0.35 OTEX 33.91 -0.59	Salesforce Samsara	CRM 204.83 -5.01 IOT 23.56 -1.34	TorontoDom TotalEnergie	Bk TD 58.62 -1.32 es TTE 67.04 0.04	YPF	YPF 13.50 -0.22 YUM 120.99 1.55
ArcelorMittal MT 22.41 -0.93 ArchCapital ACGL 85.45 -1.17 ADM 74.52 0.68	Carvana CVNA 32.46 -2.03 CaseysGenStores CASY 269.01 -5.06	EQT EQT 43.68 -0.58 EastWestBncp EWBC 51.48 -1.86	DR Horton	DHI 102.44 -2.49 HST 16.03 -0.29	luiulemon	LCID 4.53 -0.47 LULU 405.61 -7.33	Oracle Orange	ORCL 108.25 -0.79 ORAN 11.57 -0.02	<u>Sanofi</u> SareptaThera	SNY 52.61 -1.18 ap SRPT 113.82 -4.83	ToyotaMoto TractorSupp	r TM 175.98 -2.24 ly TSCO 207.37 -0.04	YumChina ZTO Express	YUMC53.130.23ZTO23.65-0.36
ADM ADM 74.52 -0.68 AresMgmt ARES 107.66 -1.86	Catalent CTLT 45.01 -0.70 Caterpillar CAT 259.22 -13.43	EastGroup EGP 163.16 -3.19 EastmanChem EMN 72.69 -1.74	HoulihanLokey	HLI 105.29 -2.71 HWM 44.35 -0.89		ell LYB 93.51 -1.24 MN	Orix OtisWorldwid	IX 89.67 -1.45	Sasol Schlumberge	SSL 13.63 -0.48 er SLB 60.59 0.35	TradeDesk Tradeweb	TTD 76.77 -2.82 TW 83.01 -1.17	ZebraTech Zillow C	ZBRA 209.12 -3.87 Z 40.97 -1.49
argenx ARGX 490.37 -7.08 AristaNetworks ANET 194.20 -1.21 Arm ADM 51.90 -0.39	Celanese CE 119.28 -2.93 CelsiusHldg CELH 172.06 -1.96	Eaton ETN 202.41 -9.36 eBay EBAY 41.89 -0.67	Hubbell HubSpot	HUBB 289.93 -9.72 HUBS 445.40 -23.34	M&T Bank	MTB 121.33 -3.06	Ovintiv OwensCornin	OVV 51.28 0.11 g OC 123.53 -4.95	SchwabC Sea	SCHW 51.84 -1.85 SE 45.66 -1.03	TraneTech TransDigm	TT 195.98 -13.21 TDG 841.91 -21.27	Zillow A ZimmerBiome	ZG 39.65 -1.45 t ZBH 106.19 -0.40
Arm ARM 51.90 -0.39 ArrowElec ARW 114.46 -2.39 AsponTech A7DN 192.89 -4.82	Cemex CX 6.09 -0.28 Cencora COR 189.55 2.10	Ecolab ECL 162.25 -4.04 Ecopetrol EC 12.42 -0.05	Humana JBHunt	HUM 521.69 1.82 JBHT 178.67 -17.34	MGM Resort	ts MGM 35.63 -1.21 MNSO 25.59 -0.01	PDD PG&E	PDD 105.33 0.48 PCG 16.21 -0.14	Seagate Seagen	STX 68.48 -0.46 SGEN 214.85 -0.49	Travelers	TRU 64.23 -2.79 TRV 168.11 -1.25		ZTS 169.54 -4.72 ZM 62.97 -0.87
AspenTech AZPN 192.89 -4.82 Assurant AIZ 152.22 -1.47 AstraZeneca AZN 65.24 -4.04	Centene CNC 21.21 0.09 Centene CNC 72.98 0.86	EdisonInti EIX 65.60 -0.77 EdwardsLife EW 69.71 -0.62	HuntingtonBcshs HuntingIngalls	HBAN 10.11 -0.27 HII 223.01 0.05	I MPLX MSCI	MPLX 36.47 0.16 MSCI 505.99 -9.81	PNC Finl POSCO	PNC 115.69 -3.44 PKX 91.51 -2.01	Selectivelns Sempra	SIGI 106.44 -0.46 SRE 70.42 -0.15		TRMB 51.57 1.08 TNET 117.29 -2.63	ZoomInfoTech Zscaler	ZI 17.09 -0.31 ZS 170.40 -1.89
Astrazeneca AZN 65.24 -4.04 Atlassian TEAM 194.01 -3.78 AtmosEnergy ATO 111.88 -0.85	CenterPointEner CNP 27.68 -0.26 CentraisElBras EBR 6.68 -0.28 Caridian (CRA) 73.53 -2.24	Elastic ESTC 81.82 1.18 ElbitSystems ESLT 195.75 1.22 ElastropicArta EA 120.26 0.77	ICICI Bank	H 105.45 -1.89 IBN 22.37 -0.37	MagnaIntl ManhattanAss	MGA 51.38 -1.98 oc MANH 201.65 -5.27	PPG Ind PPL	PPG 127.78 -3.67 PPL 24.07 -0.14						
Atmosenergy ATO 111.88 -0.85 Autodesk ADSK 209.64 -4.35 Autoliv ALV 93.10 -1.87	CeridianHCM CDAY 72.52 -2.24 ChampionX CHX 34.62 -0.15 Charles Pirent abs CPU 195 16 6 70	ElectronicArts EA 130.26 -0.77 ElevanceHealth ELV 469.31 3.62 EmersonElec EMR 93.70 -2.27	IdexxLab	ICL 5.19 -0.09 IDXX 425.32 -10.77	ManulifeFinl Maplebear	MFC 18.13 -0.43 CART 25.41 0.89	PTC Paccar	PTC 145.14 -1.03 PCAR 83.65 -1.34	Borro	wing Be				
AUTOINV ALV 93.10 -1.87 ADP ADP 248.26 -1.07 AutoZone AZO 2629.40 -21.30	CharlesRiverLabs CRL 185.16 -6.79 ChartIndustries GTLS 159.87 -6.30 ChartorComms CHTP 448 32 -4.36	EmersonElec EMR 93.70 -2.27 Enbridge ENB 32.18 -0.41 EncompassHealth EHC 64.27 -0.47	ING Groep IQVIA	ING 13.03 -0.30 IQV 188.95 -10.05	MarathonOil MarathonPetr	ol MPC 153.99 2.65	PalantirTech	m PKG 153.05 0.18 PLTR 17.20 -0.64			wsj.c	:om/market-da	ata/bonds/	/benchmarks
Avalonbay Avalonbay Avangrid AGR 30.92 -0.50	CharterComms CHTR 448.32 -4.36 CheckPoint CHKP 137.39 1.90 Chemod CHE 518.45 -1.93	EncompassHealth EHC 64.27 -0.47 Endeavor EDR 18.19 -0.47 EnergyTransfer ET 13.93 0.09	IcahnEnterprises		MarketAxes	MKL 1498.17 -2.74 s MKTX 236.44 -4.26	PampaEnergi	a PANW 261.34 -0.40 a PAM 43.40 -0.31	Mone	ey Rates			Oct	ober 18, 2023
Avantor AVTR 20.80 -0.75 AveryDennison AVY 179.22 -5.05	Chemed CHE 518.45 -1.83 CheniereEnergy LNG 175.64 2.39 CheniereEnerPtrs CQP 55.38 0.92	Energy ransfer E1 13.95 0.09 EnphaseEnergy ENPH 123.84 -5.40 Entegris ENTG 95.07 -1.92	lcon	ICLR 226.64 -10.84	Marriott	MAR 194.40 -3.11	ParamountB	PARA 12.19 -0.27		-		h		,
AvisBudget CAR 175.48 -4.80 AxonEnterprise AXON 219.53 -3.01	CheniereEnerPtrs CQP 55.38 0.92 ChesapeakeEner CHK 89.37 -0.22 Chevron CVX 168.92 1.33	Entergy ETR 95.07 -1.92 Entergy ETR 94.73 -0.04 EnterpriseProd EPD 27.68 0.01	IPO Sco	recard								borrow or lend ow are a quide t		
BCE BCE 37.40 -0.99 BHP Group BHP 57.15 -1.24	Chevy CHWY 17.20 -1.16 Chipotle CMG 1840.73 11.22	Equifax EFX 175.16 -5.70 Equinix EQIX 732.93 -9.99		nce of IPOs, m						vays represen		5	.o generali	
BILL BILL 103.64 -6.47 BJ'sWholesale BJ 71.02 1.51	Chipotle CHRD 1040.75 11.22 I ChordEnergy CHRD 170.49 0.27 Chubb CB 215.16 -0.97	Equinor EQNR 34.73 0.20 Equitable EQH 28.21 -0.31	Company SY	MBOL Wed's	% Chg From Offer 1st-da		DL Wed	% Chg From I's Offer 1st-day		Inflation			We	ek —52-WEEK—
BP BP 40.72 -0.09 BWX Tech BWXT 77.43 -0.86	ChunghwaTel CHT 35.85 -0.36 Church&Dwight CHD 90.25 1.13	EquityLife ELS 67.98 -0.03 EquityResdntl EQR 59.00 -1.16	IPO date/Offe	r price close (S	 price clos 	iPO date/Offer	price <u>close</u>	e(\$) price close			Chg From (%)		Latest ag	o High Low
Baidu BIDU 114.71 -5.05 BakerHughes BKR 35.72 0.11	ChurchillDowns CHDN 111.92 -1.86 Ciena CIEN 42.42 -1.48	Erielndemnity ERIE 306.69 -5.11 EssentialUtil WTRG 33.39 -0.51	Birkenstock H BIRK Oct. 11/		-16.3 -4	.2 Spark Acquisi SPKLU Oct. 6/		.13 1.3 0.4			Aug.'23 Sept.'		condary m	arket
Ball BALL 45.16 -0.41 BancoBilbaoViz BBVA 8.01 -0.19	Cigna CI 311.94 1.34 CincinnatiFinl CINF 102.54 -1.51	EssexProp ESS 215.62 -3.47 EsteeLauder EL 138.63 -4.04	Global Mofy I		-1.6 -3.			.45 61.3 -28.0		umer price inde		Fannie Mae		
BancoBradesco BBDO 2.46 -0.14 BancodeChile BCH 19.83 -0.29	Cintas CTAS 508.19 -6.08 CiscoSystems CSCO 53.77 -0.17	Etsy ETSY 67.90 -2.16 EVEX EG 406.25 -1.79	GMM Oct. 10 La Rosa Hold		-49.4 -27	MSS Oct. 5/\$4 .7 VS Media		.04 -79.2 -95.5	All items Core	307.789 310.817	0.25 3 0.23 4			995 7.387 5.244

Sept. index level	Chg From (%) Aug. '23 Sept. '2	22
U.S. consumer price in	dex	Fanı

BancoBilbaoViz BBVA	8.01 -0.1	Cincinna				EsteeLauder EL		3 -4.04					MSS Oct. 5/\$4.00				
BancoBradesco BBDO	2.46 -0.1	1 Cintas	СТА	S 508.19	-6.08		SY 67.9						M33 Oct. 5/ \$4.00				Allitems
BancodeChile BCH	19.83 -0.2	CiscoSys	tems CSC	D 53.77	-0.17	Everest EC	406.2	5 -1.79	La Rosa Holdings	2.53	-49.4	-27.7	VS Media	1.04	-79.2	-95.5	Core
BancSanBrasil BSBR	5.21 -0.0	Ocitigroup	с	40.47	-0.73	Evergy EV	RG 49.2	1 -0.88	LRHC Oct. 10/\$5.00				VSME Sept. 28/\$5.00				
BcoSantChile BSAC	17.40 -0.1	Citizens	Fin CFC	25.59	-1.51	EversourceEner E2	24.4	9 -0.97									In
BancoSantander SAN	3.65 -0.0	O Civitas R	cs CIVI	78.20	1.50	ExactSciences EX	AS 65.4	B -3.07	Primech Holdings	1.62	-59.5	9.5	Klaviyo	30.67	2.2	-6.4	
BanColombia CIB	25.44 0.1	6 CleanHa	bors CLH	162.50	-2.17	Exelixis E)	EL 21.3	5 -0.43	PMEC Oct. 10/\$4.00				KVYO Sept. 20/\$30.00				
BankofAmerica BAC	27.31 -0.3	Cleveland	-Cliffs CLF	14.39	-1.20	Exelon EX	C 39.9	1 -0.15	Quetta Acquisition	10.12	1 2	0.3	Davis Commodities	2 4 2	-34.3	47.0	
BankMontreal BMO	79.81 -2.2	5 Clorox	CLX	124.66	0.62	Expedia E	PE 98.9	1 -2.64		10.12	1.2	0.5		2.63	-24.2	-47.9	
BankNY Mellon BK	43.15 -0.2	Cloudfla	e NET	62.43	-2.20	ExpeditorsIntl EX	PD 117.1	8 -3.23	QETAU Oct. 6/\$10.00				DTCK Sept. 19/\$4.00				.
BankNovaScotia BNS	42.76 -1.2	Coca-Co	a KO			ExtraSpaceSt E)											Prime rate
Barclays BCS	7.35 -0.2	4 Coca-Col	aEuro CCE	P 57.82	-0.80	ExxonMobil XC	M 112.9	5 1.56					Sources: Dow Jone	s Market	Data; F	actSet	U.S.
																	Canada

Dividend Changes

New Highs and Lows

The following explanations apply to the New York Stock Exchange, NYSE Arca, NYSE American and Nasdaq Stock Market stocks that hit a new 52-week intraday high or low in the latest session. **% CHG**-Daily percentage change from the previous trading session.

				Wednesday,	Octobe	er 18, 20	23				
		52-Wk			!	52-Wk	%			2-Wk	%
Stock S	iym	Hi/Lo	Chg	Stock	Sym	Hi/Lo	Chg	Stock	Sym	Hi/Lo	Chg
				Falcon'sBeyondGlb	FBYD	44.00	75.4	OxusAcqnA	OXUS	11.07	0.2
Hig	gh	S		GulfportEnergy	GPOR	128.35	1.2	PointBiopharma	PNT	13.03	2.5
AnteroMidstream	Δ.M	12.75	-0.3	Halliburton	HAL	43.85		PerdoceoEduc	PRDO	18.58	
	ACGL	87.51		HealthwellAcqnI	HWEL			PermianRscs	PR	15.38	
	CNX	23.68		HealthwellAcqnI	HWEL			PetroleoBrasil	PBR	16.55	
CanadianNatRscs		67.70		Hess	HES	167.26		PetroleoBrasilA	PBR.A	15.30	
	CHRD			InnectionPtilA	IPXX	10.24		Progressive	PGR	161.00	
CompassDigitalAcqn				Kiatosperense	KTOS	18.04		RF Acqn Wt	RFACW		
ConcordAcqnIIWt (LeonardoDK3	DRS	19.51		RamacoRscsA	METC	12.79	
ConstellationEner		118.65		LibertyLitergy	LBRT	20.27		RangeResources	RRC	35.80	
				IVIFLA	MPLX	36.80		RenaissanceRe	RNR	225.80	
	COST	577.30		NT COULINGS	MPTI	27.56		SeacorMarine	SMHI	14.48	
	FANG	171.40		INIGET X DET VICE	MTRX	12.99		SelectiveIns	SIGI	108.10	
	ESTE	22.35						Smith&Wesson	SWBI	14.55	
	ESTC	83.96		MurphyUSA	MUSA			SouthwesternEne		7.53	
EnergySvsofAmerica					NATR	18.52			TTI	6.77	
EnerTransferPfdE		25.05		NewsCorp B	NWS	23.17		TotalEnergies	TTE	67.38	
	EG	410.74		NewsCorp A	NWSA			VaronisSystems	VRNS	34.17	
Fairlsaac	FICO	922.23	-0.4	NewtekOneNts202	B NEWT	24.90	-0.2	Con	tinued o	on Page	B10

Compai	ny	Symbol	YId %	Amount 6 New/Old	Frq	Payable/ Record	Euro zone Switzerland Britain	4.50 2.25 5.25	2.25 5.25	4.50 2.25 5.25	1.25 1.00 2.25
Increa	ased						Australia	4.10	4.10	4.10	2.60
Bank of	f Am Dep ser 4	BMLpJ	7.2	.4089/.39695	Q	Nov28/Nov15	Overnight	repurc	hase		
Bank of	f America Pfd E	BACpE	6.9	.3818/.3623	Q	Nov15/Oct31	U.S.	5.36		5.40	3.00
Bank of	f America Pfd L	BMLpL	6.4	.3924/.37561	Q	Nov21/Nov01	0.5.	7.50	2.20	2.40	9.00
	f America Pfd. 2	BMLpH	7.3	.4025/.39056	Q	Nov28/Nov15	U.S.	gover	nment	: rates	3
	f America Pfd. G	BMLpG	7.3	.40/.3883	Q	Nov28/Nov15					
	AR 7.625% Nts 2043	NSS	12.3	.7915/.77752	Q	Jan16/Dec29	Discount				
2 Permia	anville Royalty Tr	PVL	16.4	.006/.0037	м	Nov13/Oct31		5.50	5.50	5.50	3.25
Stock	S						Federal fu	nds			
Orienta	al Culture Holding	OCG		1:5		/Oct18	Effective rate	5.3400	5.3400	5.3500	3.0900
	utomotive	REE		1:30		/Oct18	High		5.6500	5.6500	3.2500
WaveD	Dancer	WAVD		1:10		/Oct18	Low	5.3100	5.3000	5.3300	3.0500
Foreid	an						Bid	5.3300	5.3300	5.3300	3.0700
-	ell Andina A ADR	AKO.A	7.5	.14417	Q	Oct19/	Offer	5.3500	5.3600	5.3700	3.0900
Embot	ell Andina B ADR	AKO.B	7.1	.15859	Q	Oct19/	Treasury b	ill auct	ion		
3				Sources: Fac	tSet; Do	ow Jones Market Data	4 weeks	5.325		0 5.840	3 1 9 0
KEY: A:	: annual; M: monthly; Q:	quarterly; r: revi	sed; SA	: semiannual: S	2:1: sto	ck split and ratio; SO:	13 weeks	5.340		0 5.345	
) spin-of							26 weeks	5.335		0 5.350	

0101 001100	mer pro	ee mae	~						
Allitems	307	.789	0.25	3.7	30-year mo	ortgage yiel	ds		
Core	310	.817	0.23	4.1	30 davs	7.387	6.995	7.387	5.244
			-		60 days	7.417	7.018	7.417	5.250
In	ternati	ional r	ates						
		Week	- 52	Week -	Ot	her shor	t-term	rates	
	Latest	ago	High	Low			Week	- 52-1	Neek –
		ugo				Latest	ago	high	low
Prime rate	es.						ugo		
U.S.	8.50	8.50	8.50	6.25	Call mon	ey			
Canada	7.20	7.20	7.20	5.45		7.25	7.25	7.25	5.00
Japan	1.475	1.475	1.475	1.475	-				•
Delless Det					Commer	cial papeı	r (AA fin	ancial)
Policy Rat					90 days	n.a.	5.43	5.54	3.83
Euro zone	4.50	4.50	4.50	1.25	Cogurad	Overnigh	+ Financ	ina De	**
Switzerland		2.25	2.25	1.00	Secured				
Britain	5.25	5.25	5.25	2.25		5.31	5.31	5.33	3.01
Australia	4.10	4.10	4.10	2.60			Value	- 52-1	Neek –
Overnight	repurch	nase				Latest	Traded	High	Low
U.S.	5.36	5.38	5.40	3.00	DTCCCC	F Repo In	dov		
0.5.	7.50	2.20	2.40	2.00		•			
U.S.	. gover	nment	rates		Treasury	5.319	23.126		3.024
	3-1-1-1				MBS	5.376	71.150	5.418	3.068

5.31923.1265.3993.0245.37671.1505.4183.068 MBS Notes on data: 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 July 27, 2023. Other prime rates aren't directly comparable; lending practices vary widely by location, Discount rate is effective July 27, 2023. Secured Overnight Financing Rate is as of October 17, 2023. 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: Enderal Desponse Burgau of Labor. Notes on data:

5.310 5.840 3.190 5.340 5.345 3.820 5.320 5.350 4.245 Sources: Federal Reserve; Bureau of Labor Statistics; DTCC; FactSet; Tullett Prebon Information, Ltd.

Mutua	l Funds				Data provided by	LIPPE	R 🕕	Fund	NAV	Net Y Chg %	/TD Ret Fun	d	NAV CH	et YTI Ig %Re		NAV	Net YTI Chg % Re		NAV	Net Chg %	YTD % Ret Fund		let YT hg %Re	D et Fund	Net Y NAV Chg %R
Top 250 mut	tual-funds listing	for Nasdag-put	lichod ch	aro clas	ses by not asset	-		IntlldxInstPrem LaCpGwld InstPre			5.1 Srs				JPMorgan R C		-0.03 -2.	MidCap 2 NHoriz		-2.04				.9 Welltn .7 Wndsrll	39.58 -0.40 4 40.33 -0.48 9
Top 250 mutual-funds listings for Nasdaq-published share classes by net assets. e -Ex-distribution. f -Previous day's quotation. q -Footnotes x and s apply. i -Footnotes e and s						MidCpInxInstPrem			27.1 Srst 2.6 Srst		15.02 -0		CoreBona CorePlusBd		-0.03 -2.			-0.15		- 105.73 - - 88.75		.1 VANGUARD			
							1 S	SAIUSLgCpIndxFd					10.87 -0		Lord Abbett I	0.75	-0.02 -2.	R2030		-0.17				9 ExtndistPl	262.29 -6.09 (
					tion costs apply, 1 tnotes p and r ap		tnotoc	SeriesBondFd		-0.04	-2.8 Tota	alBond			ShtDurinc p	3.78	2.			-0.37				9 IdxIntl	16.89 -0.26
					Not available due			SeriesOverseas			5.5 Fide				Metropolitan		בי	Schwab Funds			STIGradeAdr			6 MdCpGrAdn	nl 83.13 -1.66 8
					ta under review.			SerLTTreBdIdx		-0.05 -1	12.0 Tota	alBd	8.40 -0	.04 -1.	TotRetBdI	NA	N	4 1000 Inv r	NA		NA STIPSIxAdm	23.55 -	0.01 2.	1 MdCpVIAdm	
	Fund didn't exist			per, aa		and i diffe		SmCpldxInstPrem	21.51	-0.47	-0.5 U.S.	TreBdIdx	8.28 -0	.03 -2.	TRBdPlan	NA	N	A S&P Sel	NA		NA TotBdAdml	9.00 -		.7 SmValAdml	
		p						TMktldxInstPrem				lity Select	5	54 50	MFS Funds			TSM Sel r	. NA		TouttubuluxAu		0.01 1.	.8 TotBd2	8.89 -0.04 -2
		We down down	0					TotalMarketIndex				conductors r				29.52	-0.46 4.	9 TIAA/CREF Fur		0.45	TotIntlAdmldx		0.43 3.	.3 Totintlinstid	(r112.97 -1.73
		Wednesday,						TtlIntIdxInstPr			3.2 Sof		25.49 -0	.50 29.	MFS Funds C			EqIdxInst 7 IntlEqIdxInst		-0.45 -0.32		103.73 -	1.53 12.	.7 TotitiinstPild	r 112.99 -1.73 3 103.71 -1.53 12
F	Net YT			let Y			Net YTI			-0.04		' t Eagle Fur	0= 25.20 hts	.40 41.	Growthl		-2.95 22.				27 A INNICUPAUI	1 222.70 -	3.29 13.		
Fund	NAV Chg % R			.ng % ŀ	Ret Fund		-	t Fidelity Freedo		0.10	a o Glb		61.27 -0	.40 5.	Valuel		-0.56 -0.	VANGUARD AD			I AIVIIII I		0.21 4.	. L	st 13.82 -0.21 4
AB Funds		Artisan Funds			US CoreEq1		-0.48 10.			-0.18		klin A1	01.27 0	.10 2.	Natixis Funds LSGrowthY		-0.41 33.	5004111		-5.41	USGroAdml	127.96 -		. ² DovMktclovlo	
	10.10 -0.05 -3		42.56 ·	0.62 1	0.3 US CoreEq2	29.27				-0.13	1.5	meA1	2.15 -0	.02 -0.	Northern Fun		-0.41 33.	BalAdml		-0.44	ValAumi	53.67 - 71.56 -		1 ExtndInst	106.28 -2.47 6
AB Funds - AD		Baird Funds			US Small	38.83		Freedom2025 K Freedom2030 K				kTemp/Fra			Stkldx		-0.62 13.	CAITAdml		-0.03		71.56 - 56.60 -		GrwthInst	142.15 -2.32 30
LgCpGrAdv	84.14 -1.16 20				2.6 US SmCpVal	39.33						meAdv	2.13 -0	.02 -0.	Old Westbury		-0.02 13.	CapOpAdml r			15.1 Malling Admil	68.34 -		.0 InPrSeln	9.06 -0.02 -1
American Cent		CorBdInst	9.43 ·	0.04 -	2.0 US TgdVal	27.57		2 Freedom2040 K				kTemp/Fra			LrgCpStr		-0.21 8.	DivAppIdxAdm			4.5 Moder Adml	70.00 -		o Instldx	360.35 -4.89 13
Ultra American Fund		2 BlackRock Fun HiYldBd Inst	nas 6.59 ·	0.02	USLgVa 4.8 Dodge & Cox	41.33	-0.58 1.	Idx2030InsPre					115.16 -2		Parnassus Fd		0.21 0.	EMAdmr		-0.46	U./ WANCHARD		1.05 5.	InstPlus	360.34 -4.90 13
American Fund American	34.32 -0.57 14			0.02	Balanced	95.25	-0.82 4					DV A	84.36 -0	.88 2.	ParnEgFd		-0.67 12.	9 EqIncAdml		-0.88	-1.0 Divid Circ	34.47 -	0.25 -1	3 InstTStPlus	74.57 -1.10 12
AMutlA	47.94 -0.45 0	3 iShS&P500ldxl		6 87 1			-0.20 10.				6.9 Gug	genheim F tnBdFdClInst	unds Tru	00 1	PGIM Funds O	I Z		ExplrAdml		-2.00	2.2	37.19 -		1 MidCpInst	56.46 -1.07 2
BalA	29.61 -0.27 4			0.07 1	Income	11.66	-0.05 -1	5 Idx2045InsPre				bor Funds	22.00 -0	.09 -1.	TotalReturnBon	d 11.14	-0.05 N	A ExtndAdml GNMAAdml		-2.47	0.4	19.26 -		.1 MidCpIstPl .7 RealEstaInst	278.46 -5.27 2 tl 16.36 -0.37 -6
BondA		7 EatvDivd	18.12 .	0.19	2.4 Intl Stk	46.12	-0.72 7.	Fidelity Invest				Aplnst	84.13 -1	55 3/	PIMCO Fds In					-2.33		38.08 -	0.49 6.	.7 SmCapInst	88.75 -2.00 2
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N PerA NEcoA	52.71 -0.94 11				7.1 500ldxInstPren 5.6 Contrafund K						17.2 Jon 28.4 Bor	Hancock	12.54 -0	07 2		138.18	-2 40 33	MidCpAdml MuHYAdml		-4.84 -0.04		24.51 - 40.76 -		.4 ValueInst	53.67 -0.57 -0
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Share-price performance over the past five days

10-minute intervals

16

13

Morgan **Stanley** Profit Falls

Continued from page B1 on some of these capital transactions."

Wall Street banks enjoyed a deal-making spree in the pandemic, fueled in part by buyout firms and blank-check companies. Businesses flush with cash and optimistic about the economy were eager to grow. Low rates made it cheap to borrow.

But things changed starting early last year. The Fed began raising interest rates. Economists talked about a recession. Corporate executives stepped back from completing deals or taking their companies public. That slowdown has lasted longer than many bankers had expected.

Globally across the industry, the total deal value of mergers and acquisitions during the first three quarters of the year fell about 28% compared with the same period last year, according to Dealogic.

Executives across the industry were cautious about predicting when investment banking might bounce back. But they also said they hoped that corporate CEOs have now had the time to adjust to the new realities of the market.

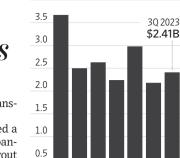
Jane Fraser, chief executive of Citigroup, noted that Citi's debt underwriting had shot higher in the quarter. "We've seen clients who get off the sidelines and just bite the bullet," she said on a call last week with analysts.

Jeremy Barnum, JPMorgan's chief financial officer, described the investment-banking

80

20

0



net profit \$4.0 billior

Morgan Stanley's quarterly

Oct. 12 2022 Sources: the company (net income); FactSet (share-price performance)

environment as "a slow grind with some positive momentum but obviously significant uncertainty."

Overall, Morgan Stanley on Wednesday posted a profit of \$2.41 billion, or \$1.38 a share. That beat the \$1.28 a share expected by analysts, according to estimates compiled by Fact-Set. Revenue rose 2% to about \$13.3 billion, roughly in line with what analysts expected.

Sandy Pomeroy, senior portfolio manager of the Neuberger Berman equity income fund, said she was "a little bit shocked and dismayed" by the stock's sharp drop. "All I can think about is that these are not long-only people," she said.

Pomeroy, whose fund includes Morgan Stanley and Goldman shares, said she thought the investment-banking business would perk up soon. Both banks "are at low points in the cycle right now and that's the opportunity that

you're buying." Morgan Stanley's investment bank did post an increase in equity underwriting, as did most other big banks.

Trading revenue fell 4%. Trading revenue also slipped at JPMorgan and was roughly flat



17

18

The lender's investment-banking revenue declined 27%.

group and Bank of America.

Morgan Stanley is usually protected in volatile spells by its business managing money for wealthy clients. The bank has built up that business over the past decade and relies on it heavily. In the third quarter, the unit accounted for nearly half of total company revenue.

Revenue in the wealth-management business was up 5%, but some shareholders said they were disappointed.

Net new assets in wealth management totaled \$35.7 billion, down 45% from a year ago and the lowest since the second quarter of 2020

"This has been a story of transformation into margin growth in the wealth-management business and candidly those expectations on profits and flows into wealth management weren't there," said Charlie Ryan, portfolio manager and partner at Evercore Wealth Management, a Morgan Stanley shareholder.

Morgan Stanley's retail-trading customers numbered 8.1 million at the end of September, up 4% from a year ago. But those customers are trading less often. The average daily number of retail trades the company handled was about 735,000, down from 805,000.

Chinese Parent Of Smithfield Readies U.S. IPO

The Chinese parent of pork giant Smithfield Foods is working with banks to take the 87-year-old business public again in the U.S.

* * * * *

Bank of America

JPMorgan

Citigroup

Goldman

Sachs

Morgan

Stanley

Smithfield, the largest U.S. pork producer, could list its shares as early as next year, according to people familiar with the matter. Deliberations continue, and the timing could change, the people said.

> By Dave Sebastian. Patrick Thomas and Ben Dummett

Smithfield was acquired in 2013 by China's top meat producer, which is known today as WH Group. The \$4.7 billion deal marked one of the biggest takeovers of an American business by a Chinese company at the time and resulted in the delisting of Smithfield, which used to trade on the New York Stock Exchange. The combined company became the world's largest hog farmer and pork producer and went public in Hong Kong in 2014 after raising more than \$2.3 billion.

WH's shares have recently languished and are trading near a record low, giving WH a market capitalization of more than \$7 billion. The company was valued at about \$18 billion at its highest closing price in 2018, until hog herds in China, the world's top pork consumer, were devastated by an African swine-fever outbreak that year.

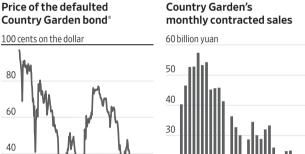
Pork exports from the U.S.

surged following the outbreak, and American pork producers expanded farms and processing plants as Chinese demand boomed. U.S. exports began plummeting last year after China rebuilt its hog population, creating an industrywide glut that is squeezing pork-industry profits. High livestock feed prices following Russia's invasion of Ukraine have added to the challenges, industry executives sav.

WH had been in talks with bankers on ways to boost its slumping valuation, people familiar with the matter said. The U.S. IPO market recently hosted some prominent listings after an 18-month lull, with heavyweights like British chip designer Arm, grocery-delivery company Instacart and marketing-automation platform Klaviyo offering their shares.

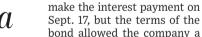
Smithfield's Chinese ownership has been a point of criticism in Washington, with lawmakers saying they want to ensure the U.S. food supply chain is protected and that China can't use U.S. farmland to facilitate spying. Smithfield Chief Executive Shane Smith has said the concerns were misplaced and that WH's backing has helped it boost sales.

Virginia-based Smithfield supplies hams and other fresh pork cuts to grocers' meat cases and sells products under brands including Armour, Farmland and Nathan's Famous.



23 Feb. 2022 2021 '22 *Shows the bid price of the company's 6.15% bond, due in September 2025 Note: 10 billion yuan=\$1.37 billion Sources: Tradeweb (bond): the company (contracted sales)

Big China





at Goldman. It was up at Citi-



Continued from page B1 International investors have taken big losses, including distressed-debt funds that picked up some of the dollar bonds after prices plunged.

Only a handful of Chinese property companies that defaulted have paid investors back any money. Others are mired in protracted negotiations. China Evergrande Group, a large developer that defaulted in late 2021, walked away from a \$35 billion debt restructuring agreement last month.

Country Garden was due to

30-day grace period before it was officially in default. Investors had widely expected Country Garden to miss the bond payment. It warned of the possibility last week, blaming a sharp slowdown in sales. It recently missed a payment on a loan, and previously required a grace period to make payments on two other dollar bonds.

In September, total sales at China's largest 100 developers dropped 29% from the same month last year, according to China Real Estate Information Corp., a private industry-data provider. Country Garden's sales plunged 81% to just \$846 million last month.

Most of the company's dollar bonds were bid below 5 cents on the dollar on

Dozens of Chinese property companies have missed payments on their dollar bonds. A Country Garden project in Beijing.

Wednesday afternoon in Hong Kong, according to Tradeweb.

Country Garden hopes to find a "holistic" solution to its difficulties, a spokesperson said. The company needs to continue to operate to maximize the amount it can return to all parties, the spokesperson said.

Country Garden had the equivalent of \$187 billion in total liabilities as of June this year, including \$83 billion in contract liabilities, mainly the value of apartments it still has to deliver to home buyers.

Until a year ago, Country

Garden was still held up as a model developer by Chinese authorities. It received credit from state-owned banks and sold shares in Hong Kong in late 2022 to raise money. Its Hong Kong-listed shares have lost 72% since the beginning of the year.

The developer managed to extend the maturities on roughly \$2 billion of domestic yuan-denominated bonds. It has hired financial advisers to help it deal with its debt outside of China, a sign that it is planning to restructure its in-

ternational liabilities.

A debt restructuring by Country Garden would be "a long road ahead for creditors," said Nicholas Chen, an analyst at debt-research firm Credit-Sights. He pointed to previous debt workouts by other large Chinese developers.

Sunac China's restructuring plan was approved by a Hong Kong court earlier this month, around a vear-and-a-half after its default. China Evergrande's restructuring proposal required lengthy negotiations before it was finally agreed with an investor group, and ultimately was abandoned when the developer said it couldn't meet all the terms of the deal.

Country Garden's founder and former chairman, Yeung Kwok Keung, recently visited the developer's Shunde construction site, according to the company's official social-media account. He hadn't previously made a public appearance for months after retiring in March. Yang Huiyan, his daughter, is now Country Garden's sole chair.

New Highs and Lows								
New righs and Lows	Stock		Hi/Lo Chg Stock			Hi/Lo Chg Stock Sym Hi/Lo Chg		
Continued From Page B9 52-Wk % 52-Wk % Stock Sym Hi/Lo Chg Stock	52-Wk % Domo Sym Hi/Lo Chg DragonflyEnergyW	DOMO 8.76 -3.7 Genprex GNPX /t DFLIW 0.05 -11.3 GeorgiaPwrNt77 GPJA	0.31 -2.1 KartoonStudios 20.75 -1.1 Kennedy-Wilson	TOON 1.26 -5.3 MySize MYS KW 13.41 -4.0 NanoVibronix NAO		15.55 -6.7 Sprott SII 28.94 -2.7		
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Stock Sym Hi/Lo Chg AvidBioservices CDMO 7.48 -4.2 CN Energy	CIVET 0.09 -9.9 DulusEnerDeh70		1.10 -5.8 Klaviyo	KVYO 30.01 -4.8 Neonode NEO				
VistaEnergy VIST 33.09 -4.3 AvidityBio RNA 5.64 -6.0 Curo	COKO 0.85 -0.7	DYN 7.32 -4.1 GlobeLifeDeb2061 GLpD	16.61 -1.4 KornitDigital	KRNT 14.61 0.9 NeptuneWellness NEP		0.85 -3.7 Synlogic SYBX 2.22 -6.7		
Aware AWRE 1.23 -6.1 CadenceBkPfd	A CADEDA 10.14 0.7 EIDD¢4 EODFd	CTApB 68.51 -0.9 GoldmanSachs GS	301.48 -2.4 KronosBio	KRON 0.88 -0.2 NerdWallet NRD		2.33 -7.4 SyraHealth SYRA 1.54 0.5		
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ARBIOT ARBB 1.31 -8.2 BankofAmPfdGG BACpB 23.06 -1.0 CanadaGoose ARBIOT ARBB 1.31 -8.2 BankofAmPfdKK BACpM 20.65 CandelTherap	GOOS 12.66 -4.7 EaglePointPidb CADL 0.82 3.3 89bio	ETNB 6.75 -1.8 GossamerBio GOSS	0.60 -6.1 LCNB	LCNB 13.31 -3.8 Neuraxis NRX		0.60 -2.5 TelaBio TELA 5.80 -2.6		
ArkoWt ARKOW 0.99 -6.6 BankofAmPfdLL BACoN 19.10 0.4 Canoo	GOEV 0.31 -6.8 EllingtonResiMto	EARN 5.59 -0.5 GrowGeneration GRWG	2.36 -10.1 LQR House	LQR 0.13 -13.7 NextEraEnDebN NEE	N 22.58 -1.7 PrestigeWealth PWM	2.13 -26.3 TPG RE FinPfdC TRTXpC 13.80 -1.4		
AT&T Nts 2066 TBB 20.28 BkofAmericaPfdNN BACp0 16.40 -0.2 CapitalOnePfd	EmorgontRiosol	EBS 2.30 -8.0 GrupoTelevisa TV	2.53 -0.8 LakelandBcp	LBAI 11.65 -3.2 NextPlayTech NXT	P 0.75 -5.5 Procaps PROC	2.29 -10.5 T.RowePrice TROW 97.95 -2.7		
AadiBioscience AADI 3.92 -4.5 BankofAmPfdPP BACpP 15.50 -0.2 CapitalOneFd		EDR 18.12 -2.5 HDFC Bank HDB	57.18 -1.4 LandmarkBncp	LARK 17.53 -2.6 99AcqnWt NNA		2.13 -16.9 Ericsson ERIC 4.43 -3.0		
Adaptimmune ADAP 0.56 -6.7 BankofAmPfdOO BACpQ 15.98 -0.7 CapitalOnePfd		EFOI 1.59 -5.5 Hookipa HOOK	0.51 1.1 Lanvin	LANV 3.78 -1.5 NiuTech NIU	2.15 -8.0 ProSomnus OSA	0.83 -3.4 ThermoFisher TMO 466.87 -3.6		
AEternaZentaris AEZS 1.66 -7.1 BankofAmPfdSS BACpS 18.09 -0.3 CapitalOnePfd	L COFpL 14.08 -2.3 EntergyBds66	EAI 19.81 -1.0 HallofFameResort HOFV	2.31 -13.5 LaserPhotonics	LASE 1.18 -2.4 NoahHoldings NOA		14.40 -2.5 TivicHealth TIVC 1.41 -5.3		
AethlonMedical AEMD 1.40 -1.4 Baozun BZUN 2.80 -6.9 CapitalOnePfd	N COFpN 13.87 -2.0 EntergyLA Bds6		0.00 -20.0 Li-Cycle	LICY 2.42 -15.5 noco-noco NCN LGND 53.67 -4.0 Nolda		17.55 -1.2 TransCodeTherap RNAZ 0.39 -5.6		
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Agiliti AGTI 5.18 -3.0 BeamTherap BEAM 20.71 -6.6 Cellectis	CLLS 1.31 -1.5 Enviva	EVA 4.31 -12.4 HawthornBcsh HWBK	19.92 =1.0	IDEN 245 72 NORTHIEIDBARC NFD		37.77 -2.7 TwoHarbors TMO 11.42 -4.1		
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AlaskaAir ALK 32.60 -5.2 BelpointePrep OZ 64.10 -3.2 CenturyTherap		EVRI 11.50 -1.1 Heliogen HLGN	2.55 -1.0	LOVE 1410 E0 NOVONIX NVA		3.10 -14.2 Ulto Docutiv ULTA 272.24 2.0		
AlgonquinPower AQN 5.19 -5.1 Beneficient BENF 0.79 -12.0 ChargePoint	CHPT 3.23 -11.0 EVgo	EVGO 2.80 -9.5 HeronTherap HRTX XFINU 9.80 -8.1 HilleVax HLVX	0.08 -9.5 Lucid	Nurix Therap NKD		10.07 -1.8 UltradopyxDharm PAPE 21.62 -12.9		
AlgonquinPwrUn AQNU 19.29 -4.1 BetterTherap BTTX 0.21 -14.1 CherryHillMtg	CHMI 3.14 -3.7 ExcelFinAcqn	XFINU 9.80 -8.1 HilleVax HLVX EXFY 2.87 -5.3 HinghamSvg HIFS	10.72 -9.1 152.00 -5.7	LU 0.92 -7.2 NutribandWt NTR		26.26 -2.4 Unisys UIS 2.85 -8.8		
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	CONV 50.77 4.0	FITBO 17.69 0.3 ITTechPkg ITP	MGO Global	MGOL 0.58 1.1 ONE Crowellage CTV		101 40 -2 9 ValensSemiconVVt VLN.WS 0.09 -8.1		
AllstatePfdl ALLpl 17.60 -0.2 BioNexusGene BGLC 0.55 -11.3 ColorStarTech AllstatePfdJ ALLpJ 25.32 -0.8 BioNTech BNTX 93.99 -2.3 CommercialMe	ADD 0.24 - J1.4	FNCH 4.06 4.6 IDEX IEX	106 77 -2 1 MainStreetBcsh	S WINSB 18.07 -U.0 OaktrooCapDfdA OAK		Valmontinds VIVII 223.57 -7.7		
AmericaMovil AMX 16.00 -4.4 Bio-RadLab A BIO 309.02 -7.9 CompleteSolar	Cuis civic 40.77 5.5	FGBI 10.50 -0.2 Illumina ILMN	124.40 -5.6 MaravaiLifeSci	MRVI /.14 -5.0		15 71 5 2 VentyxBiosciences VIYX 17.08 0.1		
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AmFinDeb AFGE 16.67 0.2 BlueStarFoods BSFC 0.15 -4.4 ConcordMed	CCM 0.97 5.8 FoghornTherap	FHTX 3.20 -10.8 InnovizTechWt INVZW	0.46 -8.0 MesaAir	MGIX 3.93 -9.9 MESA 0.77 -1.2 Olaplex OLP		14.34 -3.5 VerticalAeroWt EVTLWS 0.05 4.8 VerveTherap VERV 10.84 -5.0		
AmericanRebel AREB 0.50 -4.7 BlueWaterBio BWV 0.38 6.5 ConduitPharm		FONR 13.75 -0.9 InnovizTech INVZ	1.49 -7.4 MetalSkvStarWt		75.05 -3.4 SchnitzerSteel RDUS	25.71 -1.8 ViaviSolutions VIAV 7.55 -2.8		
AmericanWell AMWL 1.00 -1.9 BostonOmaha BOC 14.95 -1.4 ConnexaSports		n FMST 3.00 -16.9 IntegratedMedia IMTE	1.32 -0.8 MetLifePfdE	METDE 21.51 -0.8 OmegaTherap OMO	A 1.55 SealedAir SEE	29.25 -1.9 VinFastAuto VFS 5.81 -7.6		
AnavexLifeSci AVXL 5.61 -5.7 BraemarHtlsPfd BHRpB 10.60 -3.0 CoreCard	CCRD 18.86 -5.1 FortressBiotech	FBIO 2.20 -12.7 IntelliaTherap NTLA	27.27 -3.8 MetLifePfdF	METDF 18.67 -0.8 Omnicell OMC		15.48 -1.1 BerkleyDeb61 WRBpH 15.62 -1.3		
ApollomicsA APLM 1.93 -0.5 BraemarHtlsPfdD BHRpD 16.63 1.4 Corning	GLW 27.56 -2.1 ForwardIndustrie		20.10 -1.6 Mettler-Toledo	MTD 1009.28 -3.4 Oncocyte OCX		0.65 -2.3 Warrantee WRNT 0.41 -16.6		
AppliedUV AUVI 0.23 -5.7 BridgeInvt BRDG 8.03 -2.4 Vesta	VTMX 29.75 -4.9 FreightosWt	CRGOW 0.04 -3.8 Intercure INCR	1.17 -6.1 MilestonePharm	MIST 2.67 -7.3 180LifeSci ATN		101.44 -2.6 Waters WAT 248.11 -3.2		
ArmourResREIT ARR 16.48 -5.3 BrighthousePfdA BHFAP 20.30 -0.4 CreativeRealiti		FRES 0.60 26.2 IntuitiveMachinesA LUNR	3.31 -5.9 Moderna	MRNA 85.10 -0.4 OntrakPfd OTR		0.65 -8.1 WellsFargoPfdACC WFCpC 16.09 -0.6		
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AstriaTherap ATXS 5.35 -5.6 BrookfieldPropPfd BPYPP 12.15 -2.1 CuentasWt	CUENW 0.01 79.1 GabelliDivPfdK	GDVpK 17.55 -0.6 iSpecimen ISPC	0.46 -4.1 MoolecScience			1.60 -8.5 WillametteValley WVVI 5.35 1.0		
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MARKETS

Bond Yield Tops 4.9%, **Pressing Stock Indexes**

By HANNAH MIAO

Long-term bond yields hit a 16-year high, weighing on stocks already pressured by the conflict in Gaza and corporate earnings results.

The 10-year U.S. Treasury yield rose to WEDNESDAY'S 4.902%, the MARKETS highest closing level since

July 2007. The S&P 500 fell 1.3%. The Dow Jones Industrial Average shed 1%. The Nasdaq Composite lost 1.6%.

A swift climb in bond vields has dented enthusiasm for stocks in recent weeks. Investors are also monitoring the Israel-Hamas war that threatens to disrupt the global energy market. A mixed bag of corporate earnings results further complicates the outlook. .

"The market is walking this tightrope," said George Cipolloni, portfolio manager at Penn Mutual Asset Management. "There's a lot of risk in front of it."

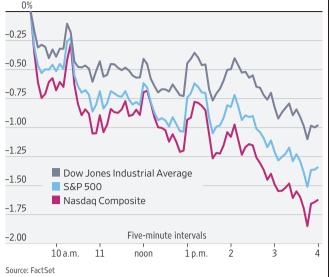
A string of hotter-than-expected economic reports in the past several weeks has prompted investors to weigh whether the Federal Reserve may lift interest rates again this year to cool inflation. Some Fed officials have sig-

naled the run-up in long-term yield could substitute for a further central-bank rate increase. Federal Reserve Bank of Philadelphia President Patrick Harker told The Wall Street Journal he thinks the central bank can likely wait until early next year to see how the economy is responding to a rapid climb in interest rates before lifting further.

Traders are pricing in a roughly 37% probability that the central bank will raise its benchmark rate in its final policy meeting of the year, up from about 26% a week ago. according to CME Group's federal-funds futures.

"Investors are very focused

Index performance on Wednesday



on...determining the next course of action for the Fed," said Todd Jablonski, global head of multiasset and quantitative investing at Principal Asset Management.

Morgan Stanley's stock fell 6.8% after the bank posted a drop in quarterly net income, with investment banking and trading still in a slump. Shares of some regional banks, such as U.S. Bancorp, fell after several lenders reported being squeezed by higher interest and other expenses.

About 11% of the companies in the S&P 500 have reported third-quarter earnings so far, according to FactSet. Of those, about 81% have topped analyst expectations, compared with the five-year average of 77%.

Airline stocks pulled back after United Airlines cut its earnings forecast for the end of the year. Shares of United Airlines fell 9.7% in its worst one-day percentage decline since July 2022. Delta Air Lines and American Airlines also fell.

Semiconductor stocks dropped for a second day after the U.S. said it would significantly constrict exports of ar-

tificial-intelligence chips, making it harder for U.S. companies to sell products to the Chinese market. Nvidia lost 4% and Intel shed 1.2%.

Overseas, the Stoxx Europe 600 fell 1.05%. At midday Thursday, Japan's Nikkei 225 and South Korea's Kospi were down 1.7%, while Hong Kong's Hang Seng Index was down 1.6% and the Shanghai Composite was down 0.8%. S&P 500 futures fell 0.1%.

AUCTION RESULTS

Here are the results of Wednesday's Treasury auctions. All bids are awarded at a single price at the market-clearing yield. Rates are determined by the difference between that price and the face value.

17-WEEK BILL	S
Applications	\$183,518,705,500
Accepted bids	\$56,388,508,500
" noncompetitively	\$674,805,100
" foreign noncompetitively	\$100,000,000
Auction price (rate)	98.229875
	(5.355%)
Coupon equivalent	5.542%
Bids at clearing yield accepted	46.54%
Cusip number	912797JE8
The bills, dated Oct. 24, 2023, mate	ure on Feb. 20, 2024.
19-YEAR, 10-MONTH	BONDS
Applications	\$33,617,891,300
Accepted bids	\$13,000,016,300
" noncompetitively	\$87,129,300
" foreign noncompetitively	\$0
Auction price (rate)	89.352074
	(5.245%)
Interest rate	4.375%
Bids at clearing yield accepted	79.65%
Cusin number	912810TU2

The bonds, dated Oct. 31, 2023, mature on Aug. 15, 2043.



certainly also influence yields.

According to a traditional understanding of term premium, investors may demand extra vield to buy longer-term bonds due to the possibility that rates could end up higher

Additionally, yields could be influenced by the supply of government bonds, with a flood of new bonds overwhelming demand and pushing yields higher. Or investors may accept a lower yield—or negative term premium-because they figure that bonds, unlike stocks, should rally if the economy sputters.

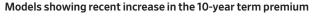
Evidence of a surge

Measuring term premium is where things get tricky, because there is no perfect way of knowing what investors think future rates will be.

The simplest approach would be to compare Treasury vields to rate forecasts found in surveys. But drawbacks including the infrequency of those surveys mean that the most popular models incorporate other methods.

Among those is the ACM model, named after the current and former Federal Reserve Bank of New York economists Tobias Adrian. Richard Crump and Emanuel Moench. It uses yields of different Treasurys to predict future short-term rates by effectively finding patterns in their relationships over decades.

Another model, devised by current Fed economist Don Kim and former Fed economist Jonathan Wright, is a hybrid, arriving at its rate estimate through a combination of both survey forecasts and yield data.



Kim-Wright

ACM

'18

Two-year yield

📕 10-year yield†

'19

10-year rate forecast

10-year term premium

21

'20

'21

27

2%

Continued from page B1 ger-dated bond's yield too high, buvers will emerge so that the yield settles around a consensus for what rates will average over the bond's lifespan.

Still, other factors almost

than they expect right now.

Federal Reserve Bank of New York (ACM, ACM term premium model) Outputs from both models

*Through Oct. 16

2019

Sources: Federal Reserve (Kim-Wright);

-2

2014

'15

'16

ACM term premium model

'17

'2[']0

+Model-implied fitted yields, which closely track yields on actual Treasurys

have long provided fodder for debate, especially in the 2010s when they showed term premiums turning deeply negative. That had puzzled many who had become accustomed to models showing healthysize premiums-substantially

larger than they stand now. More recently, though, the models have gained attention because they have shown term premiums surging, with the 10-year premium climbing back into positive territory.

What Street thinks

Federal Reserve Bank of Dallas President Lorie Logan recently suggested that signals from term-premium models made her less inclined to raise rates again this year, arguing that rising term premiums, if real, would mean that surging yields aren't just reflecting stronger growth and a need for tighter policies.

Logan didn't delve deeply into what specifically is driving up term premiums. But on Wall Street, many have used term premium models to buttress arguments that yields have been rising largely thanks to a growing federal budget deficit.

'22

23

In recent months, the Treasurv Department has both increased its borrowing forecasts and boosted the size of its longer-term debt auctions by more than investors had been expecting.

Some analysts argue that shifting rate expectations are still largely responsible for driving up longer-term yields recently. A resilient economy, they say, is persuading investors that rates—while likely to fall from here—are destined to settle at a higher level than previously anticipated. Praveen Korapaty, chief interest-rates strategist at Goldman Sachs, said he likes to look at term-premium models but only along with other types of models that link changes in yields to factors such as economic data and Fed policy surprises.





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HEARD ON STREET

FINANCIAL ANALYSIS & COMMENTARY

China Stabilizes Amid Property Woes P&G Washes

Consumers drove the improvement in its economy, but more housing trouble could change that

China's economy no longer resembles a newly paved parking lot: Green shoots are creeping up through the cracks. But sustaining that could be tough if major property developers keep cracking apart.

Official data released Wednesday showed the Chinese economy grew 4.9% year-over-year in the third quarter and 1.3% quarterover-quarter. The latter figure was nearly twice as fast as the second quarter's 0.8% increase.

China's headline growth figures should always be viewed with a healthy dose of skepticism. But several other data points, ones less squarely in the political limelight, hinted strongly at a better outlook.

Most important, consumer lending jumped sharply in September: Medium- and long-term consumer loans outstanding, a proxy for mortgages, rose by 324 billion yuan, equivalent to about \$44 billion. This was the most since Jan-

uary and the second most in nearly two years. Household risk aversion and a frozen housing market have been the key factors holding back the Chinese economy this year.

Other consumer indicators improved. Growth in retail sales accelerated by nearly a full percentage point and unemployment ticked down to 5%, from 5.2% in August.

The downturn in industry ap-

Change in consumer bank loans outstanding, three-month moving average



pears to be bottoming out, which could lend further support to the job market: Investment growth in manufacturing on a year-to-date, year-over-year basis accelerated for the second month in

a row. In the construction sector, the Early consumer employment compoand housing nent of the purchasing manager's index market signals jumped nearly two index points-the from October first rise since Mayare mixed. although it is below the 50-point mark separating expansion

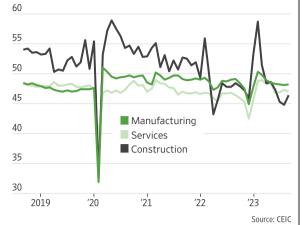
> from contraction. All of this, along with modestly better home sales and starts in September, shows that more aggressive measures to support the

housing market since late August are having some impact. Easier terms for second-time mortgage borrowers are especially important.

The problem is that even though construction, the job market and mortgage lending all apparently improved last month, property developers are still in deep trouble. And any fragile improvement in household sentiment could be undermined if **Country Garden**, the nation's largest developer in 2022, continues to follow **Evergrande** down into a black hole of debt and unpaid contractors.

Country Garden didn't benefit much from the modest bump in nationwide floor-space sales in September—its contracted sales, in value terms, were down 81%

China's official purchasing managers indexes, employment component



year-over-year. And early consumer and housing market signals from October are mixed. Tourism spending per traveler over the long Golden Week holiday was lower than in 2019, for example.

Beijing has a couple of other aces in the hole. Provincial governments are beginning to refinance more high-interest debt, which could open up additional headroom for infrastructure spending in late 2023.

But in the end, the job market needs to keep improving and consumers need to keep spending. These trends would be difficult to sustain if the property market were to take another dive. China's economy regained a bit of momentum in the late summer, but it is far from out of the woods.

—Nathaniel Taplin



P&G Washes Away Consumer Blues

Sales volumes rose outside of one market

Procter & Gamble sees a recovering consumer everywhere but in one market, which happens to be the world's second-largest economy. That is encouraging news for the company, but an unsettling message about the state of China.

P&G on Wednesday said its organic sales, which strip out the impacts of currency movements and mergers, rose 7% from a year earlier in the three months through September. As has been the case in prior quarters, this was thanks to price increases, as underlying volumes fell 1%.

Investors are eager to see consumer-staples companies return to volume growth, fearing consumers are exhausted with price increases. But they seem inclined to give P&G a pass this quarter, after Chief Financial Officer Andre Schulten said on a conference call that there was modest volume growth outside of the company's Greater China region, which includes Hong Kong and Taiwan. Shares rose 2.5% on Wednesday. Greater China organic sales were down 6%, as consumer confidence remains weak, Schulten said.

Globally, Schulten said he expects pricing to contribute much less to sales growth in the next two quarters as the company laps price increases taken a year before, with a return to positive overall volume growth after that. P&G's forecast for organic sales growth in the current fiscal year ending next June was unchanged at 4% to 5%.

But on China he described a difficult near-term situation, while maintaining a positive outlook over the longer term. "I think we've said all along that we don't expect the China recovery to be quick, extensive or linear, and I think that's playing out," he said. Overall sales volumes for the industry were down 7% to 9% over the past few quarters. "We are operating in a market that is still contracting post Covid-opening," said Schulten. This sobering message con-

trasts somewhat with better-thanexpected economic data released by Chinese authorities on Wednesday, which showed gross domestic product rising 4.9% from a year earlier in the third quarter. P&G estimates there are 450 million middle-income consumers in China, and sees that rising to north of 700 million over the next five years, said Schulten. "Therefore we believe that our business in China can continue to create significant value over the next two vears, and we continue to remain invested," he said. Perhaps so. But the big question for investors is whether these visions of a sustained surge in middle-class wealth make sense in today's China, which is creaking from a burst property bubble, overreliance on debt, overbuilding of infrastructure and soaring geopolitical tensions with the West. If the rosy view of China's longterm prospects does change, it would be painful but manageable for P&G: It derived 9% of global sales from the Greater China region in its latest fiscal year and 50% from North America. But optimistic China forecasts like P&G's underpin the long-term business plans of many giant multinationals, some of which are far more reliant on the country for growth. If the China story needs to be revisited more fundamentally, the implications will be far-reaching. -Aaron Back

British billionaire Jim Ratcliffe is in talks to buy a 25% stake in the storied soccer team Manchester United through his petrochemical company Ineos.

Manchester United Shareholders May Have Scored After All

Manchester United shareholders are acting like despondent soccer fans after video-refereeing technology disallows a goal. Yet they might still win the match.

The British soccer club's publicly traded Class A shares have lost roughly 10% of their value since the weekend, when it was widely reported that British billionaire Jim Ratcliffe is in talks to buy a 25% stake through his petrochemical company **Ineos**. The other bidder, Sheikh Jassim Bin Hamad al-Thani, chairman of Qatar Islamic Bank, dropped out.

Investors are rightly gutted. The Qatari offer was a full buyout that valued the club above \$6 billion, compared with a current market value of \$3.3 billion. The premium is understandable given that Los Angeles Dodgers partowner Todd Boehly bought Chelsea FC for the equivalent of \$5.2 billion last year.

Because Manchester United is listed on the New York Stock Exchange, Ratcliffe would technically be able to purchase stock directly from the U.S.-based Glazer family, who hold the Class B shares that account for 68% of the overall total and 95% of the votes. In this scenario, A shareholders wouldn't see a cent and might sue. He will therefore reportedly buy at least some A shares as well, but it is unclear how many.

Manchester United shareholders, notably the hedge funds that typically swoop into deal situations, shouldn't want to be stuck with the shares. Soccer isn't usually a good business. European clubs tend to have slim profit margins and have performed poorly

on the stock market. Ratcliffe, who would be given control over the sporting side of the club, wants to restore it to its former glory. This might come at the expense of financial returns.

The Glazers are hated among many Manchester United

fans because they spent years milking the club for cash. After initially riding the wave of a generation of players such as Cristiano Ronaldo, Wayne Rooney and Rio Ferdinand, they allowed the team to fall into mediocrity. Under the Ratcliffe deal, they would remain as insiders and control the commercial side of the business. Stepping back from the immediate disappointment of a missed opportunity, though, shareholders might see that their position in this game is still strong.

Ratcliffe's entry into the club could be just the start. Whether because some of the Glazers were reluctant to sell or because buying the entire club at once was prohibitively expensive, he has hinted that a majority stake might be the endgame.

Also, Richard Ev-

ans, co-managing partner at Dallasbased investment firm Mara River Capital, points out that the mechanics of the current deal may be more favorable than many investors realize. He recently added to his in the dub

shareholding in the club.

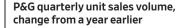
Ratcliffe is said to be paying about £1.4 billion, equivalent to \$1.7 billion, for his 25% stake, giving a valuation slightly above the Qatari's. Some reports have suggested that he may split this sum equally between A and B shares, which would mean buying 39% of the former at almost \$42 each. Assuming that the rest would then trade at their level before the Glazers earmarks the club for sale, someone buying a block of A shares at the current \$18 price could theoretically sell it for a bit more than \$24 a share on average.

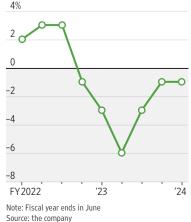
Of course, the details are unconfirmed, so this math may not fully work out. Still, the downside doesn't seem huge: Historically, the shares have tracked sideways around a median daily close of roughly \$17.

A final reason for optimism is that Ineos has experience investing in sports. Its 2019 purchase of French soccer club OGC Nice hasn't yielded silverware so far, but it has showcased prudent financial management. And despite their reputation, the Glazers have actually spent heavily on footballers in recent years-they just chose poorly. This and the pandemic explain why Manchester United has reported losses even as revenue has rebounded. New management needs only to be a bit more competent to achieve better results.

Investors may not know if they have scored a goal yet, but it is looking good on the replay.

—Jon Sindreu





Ratcliffe has hinted that a majority stake might be the endgame.