IN THE UNITED STATES DISTRICT COURT SOUTHERN DISTRICT OF NEW YORK

IN RE JPMORGAN TREASURY FUTURES SPOOFING LITIGATION

Case No. 1:20-cv-03515 (PAE)

Hon. Paul A. Engelmayer

DECLARATION OF JACK EWASHKO ON BEHALF OF A.B. DATA, LTD. REGARDING NOTICE ADMINISTRATION

Pursuant to 28 U.S.C. §1746, I, Jack Ewashko, declare as follows:

- 1. I am a Client Services Director of A.B. Data, Ltd.'s Class Action Administration Company ("A.B. Data"). I am over 21 years of age and am not a party to the above-captioned action ("Action"). My business address is 600 A.B. Data Drive, Milwaukee, WI 53217, and my telephone number is 414-961-7555. I have personal knowledge of the facts set forth herein and, if called as a witness, could and would testify competently thereto.
- 2. Pursuant to the Order Preliminarily Approving Proposed Settlement, Scheduling Hearing for Final Approval Thereof, and Approving the Proposed Form and Program of Notice to the Class entered by the Court on December 9, 2021 (the "Preliminary Approval Order"), A.B. Data was authorized to act as the Settlement Administrator in connection with the Settlement of this Action.
- 3. I respectfully submit this Declaration pursuant to paragraph seventeen (17) of the Preliminary Approval Order to provide the Court with information regarding A.B. Data's execution of the Court-approved plan of notice, including the mailing of the Notice of Pendency of Class Action (the "Postcard Notice"), the publication of Summary Notice of Proposed Class

¹ Unless otherwise defined herein, all capitalized terms have the meanings set forth in the Stipulation and Agreement of Settlement dated September 8, 2021 (the "Settlement Agreement"). ECF No. 69-1.

Action Settlement (the "Publication Notice"), the establishment and maintenance of a website, and other administrative activities.

- 4. Pursuant to Paragraphs 12-15 of the Preliminary Approval Order, the Court directed A.B. Data (as "Settlement Administrator") to execute the Court-approved plan of notice, which consisted of the following:
 - A. Disseminating copies of the Postcard Notice to potential Class Members, including: (i) Chicago Mercantile Exchange ("CME") and Chicago Board of Trade ("CBOT") clearing members that cleared U.S. Treasury Futures and Options on the U.S. Treasury Futures (with direction that such clearing firms should forward the Settlement Class Notice to persons who transacted in the U.S. Treasury Futures and Options on U.S. Treasury Futures during the Class Period); (ii) "Large traders" in U.S. Treasury Futures on the CBOT during the Settlement Class Period whose names and addresses have been identified by a subpoena to the CME Group, Inc; and (iii) A.B. Data's proprietary list of banks, brokers, and other investors with instructions to either (a) forward the Postcard Notice on to their customers or (b) provide a customer list that A.B. Data can notify directly.
 - B. Publishing and releasing the Publication Notice within print media (*The Wall Street Journal* and *Investor's Business Daily*), digital media (*e.g.*, marketplace.com, cnbc.com., finance.yahoo.com), and social media.
 - C. Disseminating a news release via *PR Newswire*'s US1 Newsline distribution list.
 - D. Establishing a case-specific website, which hosts an online claim submission portal and made available copies of the Postcard Notice, Publication Notice, Long Form Notice, Proof of Claim and Release and other case-related documents in downloadable form at www.TreasuryFuturesClassActionSettlement.com.

DIRECT MAIL NOTICE

5. On or about August 30, 2021, A.B. Data received from Lowey Dannenberg, P.C. and Kirby McInerney LLP ("Class Counsel") files containing 12,044 names of: (a) clearing members and FCMs that cleared U.S. Treasury Futures and Options on U.S. Treasury Futures

2

² Large traders being defined as those who are required to report under Part 17 of the Commodity Futures Trading Commission's (CFTC) regulations. Current reporting levels are found in the CFTC Regulation 15.03(b).

transactions during the Class Period and (b) "Large Traders" in U.S. Treasury Futures and Options on U.S. Treasury Futures contract(s) on the CBOT during the Class Period.

- 6. Where addresses were not provided, A.B. Data undertook research to identify addresses. Such research included utilizing a database maintained by A.B. Data of the largest banks, brokerage houses and clearing firms, and members of ISDA (the "A.B. Data Mailing Database").
- 7. A.B. Data also maintains a proprietary database with names and addresses of the largest and most common banks, brokers, and other nominees (the "Record Holder Mailing Database"). At the time of the initial mailing, the Record Holder Mailing Database contained 4,150 mailing records.
- 8. A.B. Data electronically processed the data referenced in ¶¶ 5–7 above to ensure adequate address formatting and the elimination of duplicate names and addresses, resulting in 15,687 distinct records for mailing (the "Initial Mailing List"). A.B. Data standardized and updated the Initial Mailing List addresses using NCOALink®, a national database of address changes that is compiled by the United States Postal Service (the "USPS").
- 9. Pursuant to Paragraph 12 of the Preliminary Approval Order, by January 24, 2022, A.B. Data caused 15,687 Postcard Notices to be mailed via first-class mail, postage prepaid, to persons and entities on the Initial Mailing List. Through the date of this Declaration, A.B. Data has received requests from individuals or brokerage firms, banks, institutions, and other nominees for 12,277 Postcard Notices via first-class mail, postage prepaid, to Persons and entities on the Initial Mailing List. *See* ¶¶ 5–7, *supra*. A true and accurate copy of the Postcard Notice is attached hereto as Exhibit A.
 - 10. The Postcard Notice instructed Settlement Class Members that more information

was available online, including a detailed Long Form Notice and Claim Form (the "Notice Packet"). A copy of the Notice Packet is attached hereto as Exhibit B.

- 11. As of the date of this Declaration, 1,584 Postcard Notices were returned by the USPS to A.B. Data as undeliverable as addressed ("UAA"). In order to obtain an updated address, the 1,584 returned UAA were processed through Transunion. Of these, 1,012 new addresses were obtained, and A.B. Data promptly re-mailed the Postcard Notices to these potential Class Members.
- 12. As of the date of this Declaration, A.B. Data has mailed 27,964 Postcard Notices to potential Class Members.

MEDIA NOTICE

- 13. In accordance with Paragraph 13 of the Preliminary Approval Order, A.B. Data utilized paid and earned media to reach Class Members as set forth below.
- 14. On January 10, 2022, A.B. Data caused the Publication Notice to be published as a press release via *PR Newswire*. This news release was distributed to the news desks of approximately 10,000 newsrooms, including those of print, broadcast, and digital websites across the United States. A copy of the proof of publication over *PR Newswire* is attached hereto as Exhibit C.
- 15. A.B. Data caused the Publication Notice to be published in the print editions of *The Wall Street Journal* and *Investor's Business Daily* on January 10, 2022. A copy of the Publication Notice that appeared in *The Wall Street Journal* and *Investor's Business Daily* is attached hereto as Exhibit D.
- 16. Starting on or about January 10, 2022, A.B. Data began running a 30-day digital media campaign publicizing the Settlement, which resulted in at least 56 million impressions

among the targeted audience. Websites utilized in the digital media campaign include, among others, Foxbusiness.com, Nasdaq.com, Reuters.com, and WSJ.com. Banner advertisements were placed in premium positioning on multiple devices, including desktop, tablet, and mobile devices. Viewers were able to click on the banner advertisement and instantly be directed to the case-specific settlement website. Copies of the banner advertisements are attached hereto as Exhibit E.

17. On or about February 20, 2022, A.B. Data began utilizing microtargeting strategies on social media (LinkedIn and Twitter) to identify and engage potential Class Members. A sample copy of the newsfeed advertisement used as part of the microtargeting strategies is attached hereto as Exhibit F.

WEBSITE

- 18. In accordance with the Preliminary Approval Order, on or before January 10, 2022, A.B. Data established for the above-captioned Action the case-specific website, www.TreasuryFuturesClassActionSettlement.com. The website lists, among other things, the exclusion deadline, the date and time of the Fairness Hearing, and general information regarding the case and its current status. The website also provides answers to frequently asked questions. Users of the website can view and download copies of the Long Form Notice, the Postcard Notice, Publication Notice, the Distribution Plan, and copies of other court documents. A true and accurate copy of the website home page is attached as Exhibit G.
- 19. Additionally, the website includes an email address (info@TreasuryFuturesClassActionSettlement.com) for potential Class Members to contact A.B. Data with questions or for additional information.

20. As of the date of this Declaration, the website has been visited 27,365 times. The website allows potential Class Members to file a claim online. This specific section was clicked 651 times.

TOLL-FREE TELEPHONE LINE

- 21. Pursuant to the Preliminary Approval Order, on or about January 10, 2022, a case-specific toll-free number, 877-888-8593, was established with an Interactive Voice Response system and live operators. Callers to the toll-free number are presented with a series of choices to respond to basic questions. If callers needed further help, they had the option to be transferred to a live operator during business hours.
 - 22. As of the date of this Declaration, 68 callers have called the toll-free number.

REPORT ON EXCLUSIONS

23. Pursuant to Paragraphs 22 and 23 of the Preliminary Approval Order, those Class Members requesting exclusion were to provide the following information: (1) the name, address, and telephone number of the Person or entity seeking exclusion, and in the case of entities, the name and telephone number of the appropriate contact person; and (2) a statement that such Person or entity requests to be excluded from the Settlement Class in this Action *In re JPMorgan Treasury Futures Spoofing Litig.*, Case No. 20-cv-03515 (PAE) (S.D.N.Y); and (3) documents sufficient to prove membership in the Settlement Class, as well as proof of authorization to submit the Request for Exclusion if submitted by an authorized representative. A Class Member seeking to exclude himself, herself or itself from the Settlement Class is also requested to provide either: (i) documentation evidencing all eligible trading in U.S. Treasury Futures and Options on U.S. Treasury Futures during the Class Period (including contract traded, date(s) and price(s) at which position acquired and subsequently closed out, and trade volume), or (ii) such Class Member's

tag50 ID(s) and an executed waiver and request to the CME Group to unmask such Class Member's account information for verification. All written requests were to be signed by the Class Member and received by the Settlement Administrator by no later than April 18, 2022.

- 24. A.B. Data will promptly log each Request for Exclusion that it receives and provide copies of the log to Class Counsel.
- 25. As of the date of this Declaration, A.B. Data has received zero (0) Requests for Exclusion.

REPORT ON OBJECTIONS

- 26. Pursuant to Paragraphs 18 and 19 of the Preliminary Approval Order, those Class Members who wish to object to the fairness, reasonableness, or adequacy of any term or aspect of the Settlement, application for attorneys' fees and expenses, incentive awards, or the Final Order and Judgment are to file such objection with the Court and to serve on Class Counsel and JPMorgan's counsel no later than April 18, 2022. *See* ECF No. 69-1 at 18–20.
- 27. As of the date of this Declaration, A.B. Data has not received any objections to the Settlement and knows of no other objections sent to Class Counsel or JPMorgan's counsel.

I declare under penalty of perjury that the foregoing is true and correct.

Executed this 31st day of March 2022.

Jack Ewashko

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EXHIBIT A

Case 1:20-cv-03515-PAF Document 83 JPM Filed 04/01/22 Page 9 of 62 Spoting Litigation c/o A.B. Data, Ltd.

Important Notice about a Commodity Futures Class Action Settlement.

You may be entitled to a CASH payment. This Notice may affect your legal rights. Please read it carefully.

In re JPMorgan Treasury Futures Spoofing Litigation

Case No. 1:20-cv-03515 (PAE)

Spoofing Litigation c/o A.B. Data, Ltd. P.O. Box 173083 Milwaukee, WI 53217

Case 1:20-GHISQ351-50 PLANE ON PORTURN ON ATTI-DI PORTURNI DE L'ATTEMENT DE 10 of 62 PLEASE VISIT WWW.TREASURYFUTURESCLASSACTIONSETTLEMENT.COM FOR MORE INFORMATION.

A proposed settlement has been reached in a class action lawsuit alleging JPMorgan manipulated the prices of U.S. Treasury Futures or Options on U.S. Treasury Futures on U.S.-based exchanges from April 1, 2008, through January 31, 2016 (the "Class Period"). The proposed Settlement Class consists of all Persons and entities wherever located that transacted in U.S. Treasury Futures or Options on U.S. Treasury Futures on U.S.-based exchanges, including but not limited to the Chicago Mercantile Exchange, including its subsidiary the Chicago Board of Trade, during the Class Period. You received this Postcard Notice because records indicate that you may have transacted in one or more U.S. Treasury Futures or Options on U.S. Treasury Futures on United States-based exchanges during the Class Period.

JPMorgan maintains that it has good and meritorious defenses to the claims and would prevail if the case were to proceed. Nevertheless, to settle the claims in this lawsuit, and thereby avoid the expense and uncertainty of further litigation, JPMorgan has agreed to pay a total of \$15,700,000 in cash for the benefit of the proposed Settlement Class. If the Settlement is approved, the Net Settlement Fund will be divided among all Settlement Class Members who file valid Proof of Claim and Release Forms. For all details of the Settlement, read the Stipulation and Agreement of Settlement and the detailed Notice of Proposed Class Action Settlement, May 31, 2022 Fairness Hearing Thereon, and Class Members' Rights ("Notice"), available at www.treasuryfuturesclassactionsettlement.com.

The amount of your payment will be determined by the Distribution Plan, if it is approved, or by such other plan of distribution that is approved by the Court. At this time, it is not known precisely how much each Authorized Claimant will receive from the Net Settlement Fund or when payments will be made.

To qualify for payment, you must submit a Claim Form. The Claim Form can be found on the website www.treasuryfuturesclassactionsettlement.com or will be mailed to you upon request to the Claims Administrator at 1-877-888-8593. Claim Forms must be postmarked OR submitted online at www.treasuryfuturesclassactionsettlement.com by June 30, 2022. If you do not want to be legally bound by the Settlement, you must exclude yourself by April 18, 2022, or you will not be able to sue the Defendants about the legal claims in this case. If you exclude yourself, you cannot get money from this Settlement. If you want to object to the Settlement, you may file an objection by April 18, 2022. The detailed Notice explains how to submit a Claim Form, exclude yourself, or object.

The Court will hold a hearing in this case on May 31, 2022, to consider the fairness, reasonableness, and adequacy of the Settlement and Distribution Plan and to consider requests for awards of attorneys' fees, litigation expenses and costs, and any Incentive Awards for Class Plaintiffs from the Settlement Fund. You may attend the hearing and ask to be heard by the Court, but you do not have to. For more information, call toll-free 1-877-888-8593 or visit the website www.treasuryfuturesclassactionsettlement.com and read the detailed Notice.

EXHIBIT B

UNITED STATES DISTRICT COURT SOUTHERN DISTRICT OF NEW YORK

IN RE JPMORGAN TREASURY FUTURES SPOOFING LITIGATION

Case No.: 1:20-cv-03515 (PAE)

NOTICE OF PROPOSED CLASS ACTION SETTLEMENT, MAY 31, 2022 FAIRNESS HEARING THEREON AND CLASS MEMBERS' RIGHTS

This Notice of Proposed Class Action Settlement, May 31, 2022 Fairness Hearing Thereon and Class Members' Rights ("Notice") is given pursuant to Rule 23 of the Federal Rules of Civil Procedure and an Order of the United States District Court for the Southern District of New York (the "Court"). It is not junk mail, an advertisement, or a solicitation from a lawyer. You have not been sued.

PLEASE READ THIS ENTIRE NOTICE CAREFULLY. YOUR RIGHTS MAY BE AFFECTED BY THE PROCEEDINGS IN THE ABOVE-CAPTIONED ACTION ("ACTION"). THIS NOTICE ADVISES YOU OF YOUR RIGHTS AND OPTIONS WITH RESPECT TO THIS ACTION, INCLUDING WHAT YOU MUST DO IF YOU WISH TO SHARE IN THE PROCEEDS OF THE SETTLEMENT. TO CLAIM YOUR SHARE OF THE SETTLEMENT, YOU MUST ELECTRONICALLY SUBMIT YOUR PROOF OF CLAIM AND RELEASE FORM ("CLAIM FORM") ON OR BEFORE JUNE 30, 2022, OR MAIL YOUR CLAIM FORM TO THE ADDRESS IN QUESTION 12 SO THAT IT IS POSTMARKED NO LATER THAN JUNE 30, 2022.

TO: ALL PERSONS AND ENTITIES WHEREVER LOCATED THAT TRANSACTED IN U.S. TREASURY FUTURES OR OPTIONS ON U.S. TREASURY FUTURES ON UNITED STATES-BASED EXCHANGES, INCLUDING BUT NOT LIMITED TO THE CHICAGO MERCANTILE EXCHANGE, INCLUDING ITS SUBSIDIARY THE CHICAGO BOARD OF TRADE, FROM APRIL 1, 2008 THROUGH JANUARY 31, 2016 (THE "CLASS PERIOD")

"U.S. Treasury Futures" means: (i) 2-year T-Note Futures; (ii) 3-year T-Note Futures; (iii) 5-year T-Note Futures; (iv) 10-year T-Note Futures; (v) Ultra 10-year T-Note Futures; (vi) U.S. Treasury Bond Futures; and (vii) Ultra U.S. Treasury Bond Futures. "Options on U.S. Treasury Futures" means any option on U.S. Treasury Futures.

The purpose of this Notice is to inform you of a proposed settlement in this Action (the "Settlement") with Defendants JPMorgan Chase & Co., J.P. Morgan Clearing Corp. (now known as J.P. Morgan Securities LLC), J.P. Morgan Securities LLC, and J.P. Morgan Futures, Inc. (now known as J.P. Morgan Securities LLC) (collectively, "JPMorgan" or "Defendants"). Class Plaintiffs entered into the Settlement Agreement with JPMorgan on September 8, 2021.

You are receiving this Notice because records indicate that you may have transacted in one or more U.S. Treasury Futures or Options on U.S. Treasury Futures on United States-based exchanges during the Class Period and may be a Class Member in this Action.

Please do not contact the Court regarding this Notice. Inquiries concerning this Notice, the Claim Form, or any other questions by Class Members should be directed to:

JPMorgan Treasury Futures Class Action Settlement c/o A.B. Data, Ltd. P.O. Box 173083 Milwaukee, WI 53217 Tel: 877-888-8593

Email: info@treasuryfuturesclassactionsettlement.com Website: www.treasuryfuturesclassactionsettlement.com

If you are a brokerage firm, futures commission merchant, nominee or other person or entity who or which entered into U.S. Treasury Futures traded on U.S.-based exchanges and Options on U.S. Treasury Futures during the Class Period for the beneficial interest of persons or organizations other than yourself, you are requested to, WITHIN SEVEN (7) DAYS OF YOUR RECEIPT OF THIS NOTICE, either: (i) provide to A.B. Data, Ltd. (the "Settlement Administrator") the name and last known address of each person or organization for whom or which you made such U.S. Treasury Futures or Options on U.S. Treasury Futures transactions during the Class Period; or (ii) request from the Settlement Administrator sufficient copies of the Notice to forward directly to beneficial owners of the U.S. Treasury Futures or Options on U.S. Treasury Futures transactions. You may be reimbursed from the Settlement Fund for your reasonable out-of-pocket expenses. Those expenses will be paid upon request and submission of appropriate supporting documentation. All communications regarding the foregoing should be addressed to the Settlement Administrator at the address listed above.

Class Plaintiffs allege that JPMorgan unlawfully and intentionally manipulated U.S. Treasury Futures or Options on U.S. Treasury Futures traded on United States-based exchanges, including but not limited to the Chicago Mercantile Exchange, including its subsidiary the Chicago Board of Trade during the Class Period in violation of the Commodity Exchange Act, 7 U.S.C. §§ 1, et seq. (the "CEA") and the common law.

The Court has preliminarily approved the Settlement with JPMorgan. To resolve all Released Claims against all Released Parties, JPMorgan has agreed to pay a total of \$15.7 million. Class Members who or which do not opt out of the Settlement will release their claims against JPMorgan in the Action.

The following table contains a summary of your rights and options regarding the Settlement. More detailed information about your rights and options can be found in the Settlement Agreement and Distribution Plan, which are both available at www.treasuryfuturesclassactionsettlement.com (the "Settlement Website").

YOUR I	YOUR LEGAL RIGHTS AND OPTIONS IN THIS SETTLEMENT									
DO NOTHING	If you do nothing in connection with this Settlement, you will receive no payment from the Settlement <i>and</i> you will be bound by past and any future Court rulings, including rulings on the Settlement, if approved, and the settlement release. <i>See</i> question 18.									
FILE A CLAIM FORM	The only way to receive your share of the Net Settlement Fund is to complete and electronically submit a timely and valid Claim Form to the Settlement Administrator by no later than June 30, 2022 , or to mail your completed Claim Form so that it is postmarked no later than June 30, 2022 . <i>See</i> question 12.									
EXCLUDE YOURSELF FROM THE SETTLEMENT	If you wish to exclude yourself from the Settlement, you must submit by U.S. first class mail (or, if sent from outside the U.S., by a service that provides for guaranteed delivery within five (5) or fewer calendar days of mailing) or deliver a written request to the Settlement Administrator so that it is received by April 18, 2022 . If you exclude yourself, you will not be bound by the Settlement, if approved, or settlement release, and you will not be eligible for any payment from the Settlement. <i>See</i> questions 19 – 23.									
OBJECT TO THE SETTLEMENT	If you wish to object to the Settlement, you must file a written objection with the Court and serve copies on Interim Co-Lead Class Counsel and JPMorgan's Counsel so that it is received by April 18, 2022 . You must be and remain within the Settlement Class in order to object. <i>See</i> questions 24 and 25.									

YOUR I	YOUR LEGAL RIGHTS AND OPTIONS IN THIS SETTLEMENT									
GO TO THE FAIRNESS HEARING	You may ask the Court for permission to speak about the Settlement at the Fairness Hearing by including such a request in your written objection, which you must file with the Court and serve on Interim Co-Lead Class Counsel and JPMorgan's Counsel so that it is received by April 18, 2022 . The Fairness Hearing is scheduled for May 31, 2022 . See questions 28 - 30.									
APPEAR THROUGH AN ATTORNEY	You may enter an appearance through your own counsel at your own expense. <i>See</i> question 30.									

These rights and options and the deadlines to exercise them are explained in this Notice. The capitalized terms used in this Notice are explained or defined below or in the Settlement Agreement, which is available on the Settlement Website, www.treasuryfuturesclassactionsettlement.com.

The Court has appointed the lawyers listed below ("Interim Co-Lead Class Counsel") to represent you and the Settlement Class in this Action:

Vincent Briganti Lowey Dannenberg, P.C. 44 South Broadway, Suite 1100 White Plains, NY 10601 Telephone: (914) 997-7221 vbriganti@lowey.com Karen M. Lerner Kirby McInerney LLP 250 Park Avenue, Suite 820 New York, NY 10177 Telephone: (212) 371-6600 klerner@kmllp.com

Please regularly visit the Settlement Website, www.treasuryfuturesclassactionsettlement.com, for updates relating to the Settlement.

WHAT THIS NOTICE CONTAINS

BASIC IN	IFORMATION	5
1.	What Is A Class Action Lawsuit?	5
2.	Why Did I Get This Notice?	5
3.	What Are The Definitions Used In This Notice?	5
4.	What Is This Action About?	5
5.	What Is The History Of This Action?	6
6.	Why Is There A Settlement?	6
7.	How Does The Settlement Affect The Claims Against Defendants Other Than JPMorgan?	7
WHO GET	TS MONEY FROM THE SETTLEMENT	7
8.	How Do I Know If I Am A Class Member?	7
9.	Are There Exceptions To Being Included In The Settlement Class?	7
10.	I'm Still Not Sure If I Am Included.	
THE SET	TLEMENT BENEFITS	7
11.	What Does The Settlement Provide?	
12.	How Will I Get A Payment?	
13.	How Much Will My Payment Be?	
14.	What Is The Distribution Plan?	
15.	When Will I Receive A Payment?	
16.	What Do I Have To Do After I File A Claim Form?	
17.	What Am I Giving Up To Receive A Payment?	9
18.	What If I Do Nothing?1	
EXCLUD	ING YOURSELF FROM THE SETTLEMENT10	0
19.	What If I Do Not Want To Be In The Settlement Class?	
20.	How Do I Exclude Myself?	
21.	If I Do Not Exclude Myself, Can I Sue JPMorgan And The Other Released Parties For The Same Thir	
22.	If I Exclude Myself, Can I Get Money From The Settlement?	•
23.	If I Exclude Myself From The Settlement, Can I Still Object?	
ORIFCTI	NG TO THE SETTLEMENT1	
24.	How Do I Tell The Court What I Think About The Settlement?	
25.	What Is The Difference Between Objecting And Excluding Myself?	
-		
	VYERS REPRESENTING YOU	
26.	Do I Have A Lawyer In This Case?	
27.	How Will The Lawyers Be Paid?	3
THE COU	JRT'S FAIRNESS HEARING1	
28.	When And Where Will The Court Decide Whether To Approve The Settlement?1	
29.	Do I Have To Come To The Fairness Hearing?	3
30.	May I Speak At The Fairness Hearing?1	3
GETTING	G MORE INFORMATION14	4
31.	How Do I Get More Information?	4

BASIC INFORMATION

1. What Is A Class Action Lawsuit?

A class action is a lawsuit in which one or more representative plaintiffs (in this case, Class Plaintiffs) bring a lawsuit on behalf of themselves and other similarly situated persons (*i.e.*, a class) who have similar claims against the defendants. The representative plaintiffs, the court, and counsel appointed to represent the class all have a responsibility to make sure that the interests of all class members are adequately represented.

Importantly, class members are NOT individually responsible for payment of attorneys' fees or litigation expenses. In a class action, attorneys' fees and litigation expenses are paid from the settlement fund (or the court-awarded judgment amount) and must be approved by the court. If there is no recovery on behalf of the class, the attorneys do not get paid.

When a representative plaintiff enters into a settlement with a defendant on behalf of a class, such as in this Settlement with JPMorgan, the court will require that the members of the class be given notice of the settlement and an opportunity to be heard with respect to the settlement. The court then conducts a hearing (called a Fairness Hearing) to determine, among other things, if the settlement is fair, reasonable, and adequate.

2. Why Did I Get This Notice?

You received this Notice because you requested it or records indicate that you may be a Class Member. As a potential Class Member, you have a right to know about the proposed Settlement with JPMorgan before the Court decides whether to approve the Settlement.

This Notice explains the Action, the Settlement, your legal rights, what benefits are available, who is eligible for them, and how you can apply to receive your portion of the benefits if you are eligible. The purpose of this Notice is also to inform you of the Fairness Hearing to be held by the Court to consider the fairness, reasonableness, and adequacy of the Settlement and Distribution Plan and to consider requests for awards of attorneys' fees, litigation expenses and costs, and any Incentive Awards for Class Plaintiffs from the Settlement Fund.

3. What Are The Definitions Used In This Notice?

This Notice incorporates by reference the definitions in the Stipulation and Agreement of Settlement with JPMorgan (the "Settlement Agreement").

The Settlement Agreement and the Court's Preliminary Approval Order are posted on the Settlement Website. All capitalized terms used, but not defined, shall have the same meanings as in the Settlement Agreement and the Court's Preliminary Approval Order.

4. What Is This Action About?

Class Plaintiffs allege that JPMorgan manipulated the prices of U.S. Treasury Futures or Options on U.S. Treasury Futures traded on United States-based exchanges, including but not limited to the Chicago Mercantile Exchange, including its subsidiary the Chicago Board of Trade, during the Class Period in violation of the Commodity Exchange Act, 7 U.S.C. §§ 1, et seq. (the "CEA") and the common law.

JPMorgan allegedly manipulated the prices of U.S. Treasury Futures or Options on U.S. Treasury Futures using a technique called "spoofing," in which they placed orders for U.S. Treasury Futures and canceled them prior to execution in order to send false supply and demand signals to the market. JPMorgan allegedly caused artificial U.S. Treasury Futures prices throughout the Class Period. The false pricing information caused the prices of U.S. Treasury Futures or Options on U.S. Treasury Futures to move in a direction that was favorable to JPMorgan's trading positions but harmful to Class Members. Class Plaintiffs transacted in U.S. Treasury Futures or Options on U.S. Treasury Futures thousands of times during the Class Period, including on days identified as examples of spoofing in regulatory filings against JPMorgan.

JPMorgan maintains that it has good and meritorious defenses to Class Plaintiffs' claims and would prevail if the case were to proceed. Nevertheless, to settle the claims in this lawsuit, and thereby avoid the expense and uncertainty of further litigation, JPMorgan has agreed to pay a total of \$15.7 million (the "Settlement Amount") in cash for the benefit of the proposed Settlement Class. If the Settlement is approved, the Settlement Amount, plus interest earned from the date it was established (the "Settlement Fund"), less any Taxes, reasonable notice and administration costs, any Court-awarded attorneys' fees, litigation expenses, Incentive Awards for Class Plaintiffs, and any other costs or fees approved by the Court (the "Net Settlement Fund") will be divided among all Class Members who file timely and valid Claim Forms.

If the Settlement is approved, the Action will be resolved against JPMorgan. If the Settlement is not approved, JPMorgan (as collectively defined above) will remain as Defendants in the Action, and Class Plaintiffs will continue to pursue their claims against JPMorgan.

5. What Is The History Of This Action?

On May 1, 2020, Plaintiff Charles Herbert Proctor, III ("Proctor") filed the first class action complaint alleging the misconduct described above in the U.S. District Court for the Northern District of Illinois. *See Charles Herbert Proctor, III, et al. v. JPMorgan Chase & Co., et al.*, No. 20-cv-05360 (S.D.N.Y. May 1, 2020) (transferred from the Northern District of Illinois), ECF No. 1; *see also Charles Herbert Proctor, III, et al., v. JPMorgan Chase & Co., et al.*, No. 20-cv-02666 (N.D. Ill. May 1, 2020), ECF No. 1. Subsequently, related actions were filed in the Southern District of New York and Northern District of Illinois. All actions were ultimately transferred to the Southern District of New York and consolidated into this action, *In re JPMorgan Treasury Futures Spoofing Litig.*, No. 1:20-cv-03515 (S.D.N.Y.). *See* ECF No. 37.

On September 29, 2020, JPMorgan entered into a deferred prosecution agreement with the United States Department of Justice ("DOJ") concerning its alleged unlawful trading in the markets for U.S. Treasury Futures contracts.

In October 2020, Class Plaintiffs and JPMorgan began discussing the possibility of settlement. On October 26, 2020, the Parties asked the Court to extend all pending deadlines while they established a framework for settlement negotiations and selected a mediator, which relief the Court granted. ECF Nos. 41, 43. The Parties agreed to the selection of Jed D. Melnick of JAMS as a mediator and, as part of the mediation, the exchange of information ("Mediation Information") by JPMorgan. On February 16, 2021, the Parties participated in a mediation session with Mr. Melnick that concluded without reaching a settlement. Due to the progress of settlement negotiations, the Parties sought and obtained additional extensions of pending deadlines from the Court. ECF Nos. 51-56. On April 2, 2021, Plaintiffs filed a Consolidated Class Action Complaint. ECF No. 57.

The Parties continued their arm's length negotiations through Mr. Melnick, and on March 10, 2021, Mr. Melnick presented the Parties with a mediator's proposal for a \$15.7 million settlement that also included further exchange of Mediation Information. The Parties accepted this proposal on March 12, 2021. On May 25, 2021, Class Plaintiffs and JPMorgan executed a binding settlement term sheet. After the completion of Class Plaintiffs' review of the Mediation Information, the Parties negotiated a formal Settlement Agreement that was executed on September 8, 2021.

6. Why Is There A Settlement?

Class Plaintiffs and Interim Co-Lead Class Counsel believe that Class Members have been damaged by JPMorgan's conduct. JPMorgan believes that it has meritorious defenses to Class Plaintiffs' allegations, and believes that Class Plaintiffs' claims would have been rejected prior to trial, at trial (had Class Plaintiffs successfully certified a class and survived summary judgment motions), or on appeal. As a result, JPMorgan believes Class Plaintiffs would have received nothing if the litigation had continued to trial.

The Court has not decided in favor of either Class Plaintiffs or JPMorgan. Instead, Interim Co-Lead Class Counsel engaged in mediation with JPMorgan to reach a negotiated resolution of the Action. The Settlement allows both sides to avoid the risks and costs of lengthy litigation and the uncertainty of pre-trial proceedings, a trial, and appeals, and, if approved, will permit eligible Class Members who file timely and valid Claim Forms to receive some compensation, rather than risk ultimately receiving nothing. Class Plaintiffs and Interim Co-Lead Class Counsel believe the Settlement is in the best interest of all Class Members.

JPMorgan has agreed to pay a total of \$15.7 million in cash for the benefit of the proposed Settlement Class. If the Settlement is approved, the Net Settlement Fund will be divided among all Class Members who file timely and valid Claim Forms

If the Settlement is approved, the Action will be resolved against JPMorgan and the Action will be terminated. If the Settlement is not approved, JPMorgan will remain as Defendants in the Action, and Class Plaintiffs will continue to pursue their claims against JPMorgan.

7. How Does The Settlement Affect The Claims Against Defendants Other Than JPMorgan?

The Defendants in this Action are collectively defined above as JPMorgan and are the only Defendants in this Action. All claims will be released, and the case will be fully resolved if the Settlement with JPMorgan is approved.

WHO GETS MONEY FROM THE SETTLEMENT

8. How Do I Know If I Am A Class Member?

In the Preliminary Approval Order, the Court preliminarily approved the following Settlement Class:

All Persons and entities wherever located that transacted in U.S. Treasury Futures or Options on U.S. Treasury Futures on United States-based exchanges, including but not limited to the Chicago Mercantile Exchange, including its subsidiary the Chicago Board of Trade, from April 1, 2008 through January 31, 2016 (the "Class Period").

Not everyone who fits this description will be a Class Member. Please see question 9 for a discussion of exclusions from the Settlement Class.

9. Are There Exceptions To Being Included In The Settlement Class?

Yes. You are not included in the Settlement Class if you are a Defendant and any past or present parent, subsidiary, affiliate or division of any Defendant, provided, however, that any Investment Vehicle shall not be excluded from the Settlement Class, but under no circumstances may JPMorgan (or any of its past or present parents, subsidiaries, affiliates, or divisions) receive a distribution for its own account from the Settlement Fund through an Investment Vehicle. In addition, the United States government is excluded from the Settlement Class, as well as, any judicial officer presiding over this Action, and the members of his or her immediate family and judicial staff.

For purposes of this Settlement, the term "Investment Vehicle" means any investment company, separately managed account or pooled investment fund, including but not limited to mutual fund families, exchange-traded funds, fund of funds, hedge funds, retirement accounts, and employee benefit plans, in which any Defendant has or may have a direct or indirect interest, or as to which that Defendant or its affiliates may act as an investment advisor or manager, but in which any Defendant alone or together with its, his or her respective affiliates is not a majority owner or does not hold a majority beneficial interest.

10. I'm Still Not Sure If I Am Included.

If you are still not sure whether you are included, you can ask for free help. You can call toll-free 1-877-888-8593 (if calling from outside the United States or Canada, call 1-414-921-0342) or visit the Settlement Website, www.treasuryfuturesclassactionsettlement.com for more information.

THE SETTLEMENT BENEFITS

11. What Does The Settlement Provide?

JPMorgan has paid \$15.7 million into a fund to be held for disbursement to the Settlement Class and to pay for Courtapproved fees and expenses, if the Settlement is approved. The Settlement gives JPMorgan the right to terminate the Settlement in the event that the volume of U.S. Treasury Futures or Options on U.S. Treasury Futures transacted by Class Members who timely exercise their right to request exclusion from the Settlement Class exceeds a certain percentage.

This is not a claims-made settlement, and JPMorgan is not involved in the development of the Distribution Plan for the Settlement. The Parties' expectation is that the Settlement Fund will be fully distributed to Settlement Class Members. In the event the Settlement Fund has not been fully distributed to the Class within four (4) years from the Effective Date (or at such other time as the Parties may mutually agree), the Parties shall confer as to the disposition of any remaining funds in the Net Settlement Fund and, if the Parties are unable to reach an agreement, seek the Court's intervention.

The Settlement does <u>not</u> bar Class Members from filing a victim impact statement with the DOJ to participate in the DOJ's victim compensation program, created in connection with the DOJ's deferred prosecution agreement with JPMorgan relating to criminal charges for conduct similar to that alleged in this Action. *See* www.justice.gov/criminal-vns/case/jpmorgan-dpa.

12. How Will I Get A Payment?

If you are a Class Member and do not exclude yourself, you are eligible to file a Claim Form to receive your share of money from the Net Settlement Fund. Claim Forms must be submitted online at the Settlement Website on or before 11:59 p.m. Eastern Time on June 30, 2022, <u>OR</u> postmarked by June 30, 2022, and mailed to:

JPMorgan Treasury Futures Class Action Settlement c/o A.B. Data, Ltd. P.O. Box 173083 Milwaukee, WI 53217

Following the timely submission and receipt of your Claim Form, the Settlement Administrator will send you a "Confirmation of Claim Receipt," which will acknowledge receipt of your Claim and will inform you of important next steps.

Please keep all data and documentation related to your eligible U.S. Treasury Futures or Options on U.S. Treasury Futures transactions. Having data and documentation may be important to substantiating your Claim Form.

If you do not file a Claim Form, you will not receive any payments under the Settlement.

13. How Much Will My Payment Be?

The amount of your payment will be determined by the Distribution Plan, if it is approved, or by such other plan of distribution that is approved by the Court. At this time, it is not known precisely how much each Authorized Claimant will receive from the Net Settlement Fund or when payments will be made. For more information on the Distribution Plan see question 14.

14. What Is The Distribution Plan?

The Distribution Plan is available for review on the Settlement Website, www.treasuryfuturesclassactionsettlement.com. Changes, if any, to the Distribution Plan based on newly available data or information or any Court order will be promptly posted on the Settlement Website. Please check the Settlement Website for the most up-to-date information about the Distribution Plan.

15. When Will I Receive A Payment?

The Court will hold the Fairness Hearing on May 31, 2022 to decide whether to approve the Settlement and Distribution Plan. Even if the Court approves the Settlement and Distribution Plan, there may be appeals after that. It can sometimes take a year or more for the appellate process to conclude.

Please be patient; status updates will be posted on the Settlement Website.

16. What Do I Have To Do After I File A Claim Form?

After you file a Claim Form, the Settlement Administrator will evaluate your Claim Form to determine if you have provided sufficient information to validate your membership in the Settlement Class and your claim. If the Settlement Administrator determines that your Claim Form is deficient or defective, it will contact you. If you subsequently provide information that satisfies the Settlement Administrator concerning the validity of your Claim Form, you will not have to do anything else. If any disputes cannot be resolved, Interim Co-Lead Class Counsel will submit them to the Court, and the Court will make a final determination of the validity of your Claim Form.

Please keep all data and documentation related to your eligible U.S. Treasury Futures or Options on U.S. Treasury Futures transactions. Having data and documentation may be important to substantiating your Claim Form.

17. What Am I Giving Up To Receive A Payment?

Unless you exclude yourself, you remain a Class Member. That means you can't sue, continue to sue, or be part of any other lawsuit about the Released Claims in this Action against JPMorgan, and any of the Released Parties. Upon the Effective Date of the Settlement, Class Plaintiffs and each of the Releasing Parties shall release and be deemed to release and forever discharge and shall be forever enjoined from prosecuting the Released Claims against the Released Parties.

The capitalized terms used in this paragraph are defined in the Settlement Agreement, Preliminary Approval Order, or this Notice. For easy reference, certain of these terms are copied below:

- "Released Parties" or "Released Party" means JPMorgan, its predecessors, successors and assigns, its past and present direct and indirect parents, subsidiaries and affiliates, and each of their respective current and former officers, directors, employees, managers, members, partners, agents (in their capacity as agents of JPMorgan), shareholders (in their capacity as shareholders of JPMorgan), attorneys, insurers, or legal representatives, and the predecessors, successors, heirs, executors, administrators, and assigns of each of the foregoing. As used in this provision, "affiliates" means entities controlling, controlled by, or under common control with a Released Party.
- "Releasing Parties" or "Releasing Party" means each and every Class Plaintiff and each and every Settlement Class Member on such Person or entity's own behalf and on behalf of their respective predecessors, successors and assigns, direct and indirect parents, subsidiaries and affiliates, and on behalf of their current and former officers, directors, employees, agents, principals, members, trustees, participants, representatives, fiduciaries, beneficiaries or legal representatives in their capacity as such, and the predecessors, successors, heirs, executors, administrators and assigns of each of the foregoing in their capacity as such, whether or not they object to the Settlement or make a claim for payment from the Settlement Amount. Notwithstanding that the United States Government is excluded from the Settlement Class, with respect to any Settlement Class Member that is a government entity, Releasing Parties include any Settlement Class Member as to which the government entity has the legal right to release such claims. As used in this provision, "affiliates" means entities controlling, controlled by, or under common control with a Releasing Party. For the avoidance of doubt, the "Releasing Parties" include all Persons entitled to bring or release claims on behalf of Settlement Class Members, relating to their transactions in U.S. Treasury Futures or Options on U.S. Treasury Futures who do not validly opt out of the settlement.
- "Released Claims" means any and all manner of claims, including unknown claims, causes of action, cross-claims, counter-claims, charges, liabilities, demands, judgments, suits, obligations, debts, setoffs, rights of recovery, or liabilities for any obligations of any kind whatsoever (however denominated), whether class, derivative, or individual, in law or equity or arising under constitution, statute, regulation, common law, ordinance, contract, or otherwise in nature, for fees, costs, penalties, fines, debts, expenses, attorneys' fees, and damages, whenever incurred, and liabilities of any nature whatsoever (including joint and several), known or unknown, suspected or unsuspected, asserted or unasserted, which Settlement Class Members or any of them ever had, now has, or hereafter can, shall or may have, directly, representatively, derivatively or in any other capacity, against the Released Parties arising from or relating in any way to any of the facts, conduct, or events that arise

from the factual predicate of and were or could have been alleged or asserted in the Action against the Released Parties in any way involving or concerning U.S. Treasury Futures or Options on U.S. Treasury Futures purchased, sold, held, traded, and/or transacted by the Class Plaintiffs, Class Members, and/ or Settlement Class Members during the Class Period, including, but not limited to, any alleged manipulation or spoofing of U.S. Treasury Futures or Options on U.S. Treasury Futures, or the defense or settlement of such claims. Provided, however, Released Claims do not include: (a) general commercial disputes about U.S. Treasury Futures or Options on U.S. Treasury Futures that are not based on the factual predicate of the Action; (b) claims relating to the enforcement of the Settlement; (c) claims against the Released Parties for unlawful, anticompetitive, manipulative or deceptive conduct accomplished through JPMorgan's trading in U.S. Treasury bills, notes, and bonds; and (d) any Excluded Claims.

18. What If I Do Nothing?

You are automatically a member of a Settlement Class if you fit the Settlement Class description. However, if you do not submit a timely and valid Claim Form, you will not receive any payment from the Settlement. You will be bound by past and any future Court rulings, including rulings on the Settlement and release. Unless you exclude yourself, you will not be able to start a lawsuit, continue with a lawsuit, or be a part of any other lawsuit against JPMorgan or any of the other Released Parties on the basis of the Released Claims. Please see question 17 for a description of the Released Claims.

EXCLUDING YOURSELF FROM THE SETTLEMENT

19. What If I Do Not Want To Be In The Settlement Class?

If you are a Class Member, do not want to remain in the Settlement Class, and do not want a payment from the Settlement, then you must take steps to exclude yourself from the Settlement. This is also sometimes referred to as "opting out" of a class. See question 20.

If you act to exclude yourself from the Settlement Class of which you would otherwise be a member, you will be free to sue JPMorgan or any of the other Released Parties on your own for the claims being resolved by the Settlement. However, you will not receive any money from the Settlement, and Interim Co-Lead Class Counsel will no longer represent you with respect to any claims against JPMorgan.

If you want to receive money from the Settlement, do not exclude yourself. You must file a Claim Form in order to receive any payment from the Settlement.

20. How Do I Exclude Myself?

You can exclude yourself by sending a written "Request for Exclusion." You cannot exclude yourself by telephone or email. Your written Request for Exclusion must be mailed by U.S. first class mail (or, if sent from outside the U.S., by a service that provides for guaranteed delivery within five (5) or fewer calendar days of mailing) or delivered so that it is received by **April 18, 2022** to:

JPMorgan Treasury Futures Class Action Settlement EXCLUSIONS c/o A.B. Data, Ltd. P.O. Box 173001 Milwaukee, WI 53217

and (a) state the name, address, and telephone number of the Person or entity seeking exclusion, and in the case of entities, the name and telephone number of the appropriate contact person; (b) state that such Person or entity requests to be excluded from the Settlement Class in the Action (*In re JPMorgan Treasury Futures Spoofing Litigation*, Case No. 1:20-cv-03515 (PAE) (S.D.N.Y.)); and (c) provide documents sufficient to prove membership in the Settlement Class, as well as proof of authorization to submit the Request for Exclusion if submitted by an authorized representative.

A Class Member seeking to exclude himself, herself or itself from the Settlement Class will be requested to provide either: (i) documentation evidencing eligible trading in U.S. Treasury Futures and Options on U.S. Treasury Futures during the Class Period (including contract traded, date(s) and price(s) at which the position was acquired and subsequently closed out, and trade volume), or (ii) such Person or entity's tag50 ID(s) and an executed waiver and request to the CME Group to unmask such Person or entity's account information for verification. Any request for exclusion must be signed by such Person or entity requesting the exclusion or an authorized representative and include proof of authorization to submit the Request for Exclusion if submitted by an authorized representative. The Parties may seek leave of the Court to ask any Person or entity that seeks to be excluded from the settlement to provide documents sufficient to prove membership in the Settlement Class.

A Request for Exclusion that does not include all of the required information, does not contain the proper signature, is sent to an address other than the one designated above, or that is not sent within the time specified shall be invalid and the person(s) filing such an invalid request shall be a Class Member and shall be bound by the Settlement, if approved.

All persons who submit valid and timely Requests for Exclusion in the manner set forth above shall have no rights under the Settlement, shall not share in the distribution of the Net Settlement Fund, and shall not be bound by the Settlement. In addition, such persons will not be entitled to object to the Settlement or appear at the Fairness Hearing.

21. If I Do Not Exclude Myself, Can I Sue JPMorgan And The Other Released Parties For The Same Thing Later?

No. Unless you exclude yourself from this Settlement, you give up any right to sue JPMorgan and the other Released Parties for the Released Claims that the Settlement resolves. If you decide to exclude yourself from this Settlement, your decision will apply to JPMorgan and the other Released Parties.

22. If I Exclude Myself, Can I Get Money From The Settlement?

No. You will not get any money from the Settlement if you exclude yourself.

23. If I Exclude Myself From The Settlement, Can I Still Object?

No. If you exclude yourself, you are no longer a Class Member and may not object to any aspect of the Settlement.

OBJECTING TO THE SETTLEMENT

24. How Do I Tell The Court What I Think About The Settlement?

If you are a Class Member and you do not exclude yourself, you can tell the Court what you think about the Settlement. You can object to all or any part of the Settlement, Distribution Plan, and/or application for attorneys' fees, reimbursement of litigation expenses and costs, and any Incentive Awards for Class Plaintiffs. You can give reasons why you think the Court should approve them or not. The Court will consider your views. If you want to make an objection, you may enter an appearance in the Action, at your own expense, individually or through counsel of your own choice, by filing with the Clerk of United States District Court for the Southern District of New York a notice of appearance and your objection, and serving copies of your objection on Interim Co-Lead Class Counsel and JPMorgan's Counsel such that it is received by April 18, 2022, to the following email and physical addresses:

Interim Co-Lead Class Counsel

Vincent Briganti Lowey Dannenberg, P.C. 44 South Broadway, Suite 1100 White Plains, NY 10601 Telephone: (914) 997-7221 vbriganti@lowey.com

> Karen M. Lerner Kirby McInerney LLP

JPMorgan's Counsel

Robert A. Sacks
Sullivan & Cromwell LLP
1888 Century Park East
Los Angeles, CA 90067
Telephone: (310) 712-6600
sacksr@sullcrom.com

Amanda F. Davidoff Sullivan & Cromwell LLP 250 Park Avenue, Suite 820 New York, NY 10177 Telephone: (212) 371-6600 klerner@kmllp.com

1700 New York Ave., N.W. Suite 700 Washington, DC 20006 Tel: (202) 956-7500 davidoffa@sullcrom.com

Any Class Member who does not enter an appearance will be represented by Interim Co-Lead Class Counsel.

If you choose to object, you must file a written objection. You cannot make an objection by telephone or email. Your written objection must include: (i) the name, address, telephone number, and email address of the Person or entity objecting and must be signed by the Class Member (an attorney's signature is not sufficient); (ii) the name of the Action (In re JPMorgan Treasury Futures Spoofing Litigation, Case No. 1:20-cv-03515 (PAE) (S.D.N.Y.)); (iii) a statement of the Class Member's objection or objections, and the specific reasons for each objection, including any legal and evidentiary support the Class Member wishes to bring to the Court's attention; (iv) whether the objection applies only to the Class Member, a specific subset of the Settlement Class, or the entire Settlement Class; (v) documents sufficient to prove the Class Member's membership in the Settlement Class; (vi) a statement of whether you intend to appear at the Fairness Hearing, either in person or through counsel and, if through counsel, a statement identifying that counsel by name, address, telephone number, and email address; and (vii) a list of other cases in which you or your counsel has appeared either as an objector or counsel for an objector in the last five years. If you enter an appearance and desire to present evidence at the Fairness Hearing in support of your objection, you must also include in your written objection or notice of appearance the identity of any witnesses you may call to testify and any exhibits you intend to introduce into evidence at the hearing. All objectors are required to make themselves available for a deposition by any Party to take place within the Court's federal district in New York or in the county of the objector's residence or principal place of business within seven (7) days of service of the objector's timely written objection.

If you do not timely and validly submit your objection, your views will not be considered by the Court. Check the Settlement Website www.treasuryfuturesclassactionsettlement.com for updates on important dates and deadlines relating to the Settlement.

25. What Is The Difference Between Objecting And Excluding Myself?

Objecting is telling the Court that you do not like something about the Settlement. You can object to the Settlement only if you remain a Class Member and do not exclude yourself from the Settlement. Excluding yourself from the Settlement is telling the Court that you do not want to be a part of the Settlement Class. If you exclude yourself, you have no right to object to the Settlement because it no longer affects you.

THE LAWYERS REPRESENTING YOU

26. Do I Have A Lawyer In This Case?

The Court has appointed the lawyers listed below to represent you and the Settlement Class in this Action:

Vincent Briganti Lowey Dannenberg, P.C. 44 South Broadway, Suite 1100 White Plains, NY 10601 Telephone: (914) 997-7221 vbriganti@lowey.com

Karen M. Lerner Kirby McInerney LLP 250 Park Avenue, Suite 820 New York, NY 10177 Telephone: (212) 371-6600 klerner@kmllp.com These lawyers are called Interim Co-Lead Class Counsel. Interim Co-Lead Class Counsel may apply to the Court for payment of attorneys' fees and litigation expenses and costs from the Settlement Fund. You will not otherwise be charged for Interim Co-Lead Class Counsel's services. If you want to be represented by your own lawyer, you may hire one at your own expense.

How Will The Lawyers Be Paid?

27.

To date, Interim Co-Lead Class Counsel have not been paid any attorneys' fees or reimbursed for any out-of-pocket costs. Any attorneys' fees and litigation expenses and costs will be awarded only as approved by the Court in amounts determined to be fair and reasonable. The Settlement provides that Interim Co-Lead Class Counsel may apply to the Court for an award of attorneys' fees and litigation expenses and costs out of the Settlement Fund. Prior to the Fairness Hearing, Interim Co-Lead Class Counsel will move for an award of no more than \$5,233,333.33 in attorneys' fees, which is 33 1/3% of the Settlement Fund, plus payment of litigation expenses and costs not to exceed \$500,000, and for interest on such attorneys' fees and litigation expenses and costs are paid. Interim Co-Lead Class Counsel may allocate any award of attorneys' fees and payment of litigation expenses and costs among Plaintiffs' Counsel in proportion to their contributions to the case. Class Plaintiffs may also seek Incentive Awards from the Settlement Fund of up to \$5,000 per Class Plaintiff or \$45,000 in the aggregate.

This is only a summary of the request for attorneys' fees and litigation expenses and costs. Any motions in support of the requests will be available for viewing on the Settlement Website after they are filed by April 1, 2022. If you wish to review Settlement motion papers, may by viewing them the Website, the you do so www.treasuryfuturesclassactionsettlement.com.

The Court will consider the motion for attorneys' fees and litigation expenses and costs at or after the Fairness Hearing.

THE COURT'S FAIRNESS HEARING

28. When And Where Will The Court Decide Whether To Approve The Settlement?

The Court will hold the Fairness Hearing on May 31, 2022 at 4:00 p.m. Eastern Time at the United States District Court for the Southern District of New York, at the Thurgood Marshall U.S. Courthouse, located at 40 Foley Square, New York, NY 10007. The Fairness Hearing may be moved to a different date or time without notice to you; any changes to the date and time of the Fairness Hearing will be posted to the Settlement Website. Given the current COVID-19 situation, the Fairness Hearing may be conducted remotely. Although you do not need to attend, if you plan to do so, you should check the Settlement Website before making travel plans.

At the Fairness Hearing, the Court will consider whether the Settlement is fair, reasonable, and adequate. The Court will also consider whether to approve the Distribution Plan and requests for attorneys' fees, litigation expenses and costs, and any Incentive Awards for Class Plaintiffs. If there are any objections, the Court will consider them at this time. We do not know how long the Fairness Hearing will take or when the Court will make its decision. The Court's decision may be appealed.

29. Do I Have To Come To The Fairness Hearing?

No. Interim Co-Lead Class Counsel will answer any questions the Court may have. You are, however, welcome to come at your own expense. If you send an objection, you do not have to come to Court to talk about it. As long as you file and serve your written objection on time, the Court will consider it. You may also hire your own lawyer to attend, but you are not required to do so.

30. May I Speak At The Fairness Hearing?

You may ask the Court for permission to speak at the Fairness Hearing. If you want to appear at the Fairness Hearing, you may enter an appearance in the Action at your own expense, individually, or through counsel of your own choice, by filing with the Clerk of Court a notice of appearance and your objection, and serving copies of your objection on Interim Co-Lead Class Counsel and JPMorgan's Counsel at the addresses set forth in in question 24, such that they are received no later than

April 18, 2022, or as the Court may otherwise direct. Any Class Member who does not enter an appearance will be represented by Interim Co-Lead Class Counsel. You cannot request to speak at the Fairness Hearing by telephone or email unless the Fairness Hearing is conducted remotely.

GETTING MORE INFORMATION

31. How Do I Get More Information?

The Court has appointed A.B. Data, Ltd. as the Settlement Administrator. Among other things, the Settlement Administrator is responsible for providing this Notice of the Settlement and processing Claim Forms.

This Notice summarizes the Settlement Agreement. More details are in the Settlement Agreement and Distribution Plan, which are available for your review at the Settlement Website, www.treasuryfuturesclassactionsettlement.com. The Settlement Website also has answers to common questions about the Settlement, Claim Form, and other information to help you determine whether you are a Class Member and whether you are eligible for a payment. You may also call toll-free 1-877-888-8593 (if calling from outside the United States or Canada, call 1-414-921-0342) or write to the Settlement Administrator at:

JPMorgan Treasury Futures Class Action Settlement c/o A.B. Data, Ltd. P.O. Box 173083 Milwaukee, WI 53217 Tel: 1-877-888-8593

Email: info@treasuryfuturesclassactionsettelment.com

If this Notice reached you at an address other than the one on the mailing label, or if your address changes, please enter your current information online at the Settlement Website or send it to the Settlement Administrator at the address set forth above in the event the Settlement Administrator needs to contact you.

****Please do not contact the Court or the Clerk's Office regarding this Notice or for additional information. ****

DATED: December 10, 2021 BY ORDER OF THE COURT

UNITED STATES DISTRICT COURT SOUTHERN DISTRICT OF NEW YORK

IN RE JPMORGAN TREASURY FUTURES SPOOFING LITIGATION

Case No.: 1:20-cv-03515 (PAE)

PROOF OF CLAIM AND RELEASE

I. INSTRUCTIONS

- 1. If you transacted in U.S. Treasury Futures or Options on U.S. Treasury Futures on United States-based exchanges, including but not limited to the Chicago Mercantile Exchange, including its subsidiary the Chicago Board of Trade, from April 1, 2008 through January 31, 2016 (the "Class Period"), you may be eligible to receive a payment from the \$15.7 million settlement reached between Class Plaintiffs and Defendants JPMorgan Chase & Co., J.P. Morgan Clearing Corp. (now known as J.P. Morgan Securities LLC), J.P. Morgan Securities LLC, and J.P. Morgan Futures, Inc. (now known as J.P. Morgan Securities LLC) (collectively, "JPMorgan") in *In re JPMorgan Treasury Futures Spoofing Litigation*, No. 1:20-cv-03515 (PAE) (S.D.N.Y.).
- 2. "U.S. Treasury Futures" means: (i) 2-year T-Note Futures; (ii) 3-year T-Note Futures; (iii) 5-year T-Note Futures; (iv) 10-year T-Note Futures; (v) Ultra 10-year T-Note Futures; (vi) U.S. Treasury Bond Futures; and (vii) Ultra U.S. Treasury Bond Futures. "Options on U.S. Treasury Futures" means any option on U.S. Treasury Futures.
- 3. Unless otherwise defined herein, all capitalized terms contained in this proof of claim and release ("Claim Form") have the same meaning as in the accompanying **Notice of Proposed Class Action Settlement, May 31, 2022, Fairness Hearing Thereon and Class Members' Rights** ("Notice") and the Stipulation and Agreement of Settlement between Class Plaintiffs and JPMorgan, which are available at www.treasuryfuturesclassactionsettlement.com (the "Settlement Website").
- 4. It is important that you read the Notice that accompanies this Claim Form. By signing and submitting this Claim Form, you will be certifying that you have read the Notice, including the terms of the Release and Covenant Not to Sue described in the Notice under the heading "What Am I Giving Up To Receive A Payment?" and provided for in the Settlement Agreement.
- 5. To be eligible to receive a payment from the Net Settlement Fund, you must submit a timely and valid Claim Form along with the required data and/or information described in Parts II through IV below. To be considered timely, your Claim Form must be submitted online at www.treasuryfuturesclassactionsettlement.com by 11:59 p.m. Eastern Time on June 30, 2022 OR postmarked and mailed to the Settlement Administrator no later than June 30, 2022. If you are unable to submit the required data as described below at Parts II through IV, you should call the Settlement Administrator for further instructions.
- 6. As described in Part III below, you are required to submit additional information about your transactions in U.S. Treasury Futures or Options on U.S. Treasury Futures as part of your Claim Form to be submitted to the Settlement Administrator.
- 7. Your payment amount will be determined based on the Settlement Administrator's review of your Claim Form and calculated pursuant to the Distribution Plan that the Court approves. Submission of a Claim Form does not guarantee that you will receive a payment from the Settlement. For more information, please refer to the Notice and Distribution Plan available at the Settlement Website.

Case 1:20-cv-03515-PAE Document 83 Filed 04/01/22 Page 27 of 62

This Form Must Be Electronically Submitted OR Postmarked AND Mailed No Later Than June 30, 2022.

- 8. Separate Claim Forms should be submitted for each separate legal entity. Conversely, a single Claim Form should be submitted on behalf of only one legal entity.
- 9. If you have questions about submitting a Claim Form or need additional copies of the Claim Form or the Notice, you may contact the Settlement Administrator.

II. CLAIMANT IDENTIFICATION

The Settlement Administrator will use this information for all communications relevant to this Claim Form. If this information changes, please notify the Settlement Administrator in writing. If you are a trustee, executor, administrator, custodian, or other nominee and are completing and signing this Claim Form on behalf of the Claimant, you must attach documentation showing your authority to act on behalf of Claimant.

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Section B – Authorized Representative Information

Name of the person you would like the Settle name listed above)	ement A	Admınıst	rator	to coi	ıtacı	regard	ling	this c	laim	(1f d:	ıtter	ent	from	the	Cla	imai
First Name	MI	Last N	ame													
Telephone Number (home or cell)			7	Γelepho	one l	Numbe	r (w	ork)								
Address 1 (street name and number)																
Address 2 (apartment, unit, or box number)																
City							Stat	e	ZII	Code	e/Pos	stal (Code			
Province/Region (if outside U.S.)																
Email Address (If you provide an email address, you authorize the Settlement Administrator to use it in providing you with information relevant to this claim.)																

III. REQUIREMENTS FOR CLAIM SUBMISSION

1. YOU MUST SUBMIT YOUR CLAIM FORM ELECTRONICALLY OR ON PAPER IN THE REQUIRED FORMAT

Claimants <u>must</u> electronically submit their Claim Forms online at www.treasuryfuturesclassactionsettlement.com by 11:59 p.m. Eastern Time on June 30, 2022, OR postmark and mail the Claim Forms to the Settlement Administrator at JPMorgan Treasury Futures Class Action Settlement, c/o A.B. Data, Ltd., P.O. Box 173083, Milwaukee, WI 53217 no later than June 30, 2022. Claim Forms must be submitted in the format specified in this Claim Form or posted by the Settlement Administrator on the Settlement Website.

Along with your Claim Form, you are required to submit the details of your transactions in U.S. Treasury Futures or Options on U.S. Treasury Futures reflected in Part IV, below. A Data Template, including the information you must provide about your transactions in U.S. Treasury Futures or Options on U.S. Treasury Futures is below and also available at the Settlement Website. In addition, please provide any of the following types of supporting documentation that verifies the transaction information you provide:

- a. Transaction data from your bank, broker, or internal trade system;
- b. Bank confirmations by individual trade;
- c. Bank transaction reports or statements;
- d. Trading venue transaction reports or statements;
- e. Prime broker reports or statements;
- f. Custodian reports or statements;
- g. Daily or monthly account statements or position reports;
- h. Email confirmations from counterparty evidencing transactions;
- i. Bloomberg confirmations or communications evidencing transactions; and/or
- j. Other documents evidencing transactions in U.S. Treasury Futures or Options on U.S. Treasury Futures during the Class Period.

Please keep all data and documentation related to your eligible U.S. Treasury Futures or Options on U.S. Treasury Futures transactions. Having data and documentation may be important to substantiating your Claim Form.

IV. TABLE OF TRANSACTIONS IN U.S. TREASURY FUTURES OR OPTIONS ON U.S. TREASURY FUTURES

Complete this Part IV if and only if you entered into transactions in U.S. Treasury Futures or Options on U.S. Treasury Futures from April 1, 2008 through January 31, 2016. Do not include information regarding instruments other than U.S. Treasury Futures or Options on U.S. Treasury Futures and do not include transactions in U.S. Treasury Futures or Options on U.S. Treasury Futures in which you acquired the instrument as an agent for another individual or entity.

Please list all brokers or futures commission merchants ("FCMs") at which you maintained accounts in which you traded or held U.S. Treasury Futures or Options on

List of Brokers or Futures Com	mission Merchants
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U.S. Treasury Futures.	
List of Account Names and Account Numbers	I
Please provide a list of all account names and account numbers for each entity you listed in response above in which you traded or held Uon U.S. Treasury Futures.	J.S. Treasury Futures or Option

Case 1:20-cv-03515-PAE Document 83 Filed 04/01/22 Page 31 of 62

This Form Must Be Electronically Submitted OR Postmarked AND Mailed No Later Than June 30, 2022.		

TABLE I - PURCHASE(S) AND SALE(S) OF U.S. TREASURY FUTURES CONTRACTS DURING THE SETTLEMENT CLASS PERIOD

For each purchase or sale of U.S. Treasury Futures on a United States-based exchange, provide the following information for each transaction:

Contract Traded (Description or Code)	U.Sbased Exchange	Trade Date (MM/DD/YYYY)	Number of Contracts	Transaction Price	Purchase or Sale (P/S)	Brokerage Firm and Account Number in Which Transaction Was Made

TABLE II - PURCHASE(S) AND SALE(S) OF OPTIONS ON U.S. TREASURY FUTURES DURING THE SETTLEMENT CLASS PERIOD

For each purchase or sale of an Option on U.S. Treasury Futures on a United States-based exchange, provide the following information for each transaction:

Contract Traded (Description or Code)	Trade Date (MM/DD/YYYY)	Call (C) or Put (P)	Expiry Type (American or European)	Strike Price	Option Premium	Settlement/ Exercise Date	Number of Contracts	Traded Price (price of futures contract)	Purchase or Sale (P/S)	Brokerage Firm and Account Number in Which Transaction Was Made

V. CLAIMANT'S CERTIFICATION & SIGNATURE

SECTION A: CERTIFICATION

BY SIGNING AND SUBMITTING THIS CLAIM FORM, CLAIMANT OR CLAIMANT'S AUTHORIZED REPRESENTATIVE CERTIFIES ON CLAIMANT'S BEHALF AS FOLLOWS:

- 1. I (we) have read the Notice and Claim Form, including the descriptions of the Release and Covenant Not to Sue provided for in the Settlement Agreement;
- 2. I (we) am (are) a Class Member and am (are) not one of the individuals or entities excluded from the Settlement Class;
 - 3. I (we) have not submitted a Request for Exclusion;
- 4. I (we) have made the transactions submitted with this Claim Form for myself (ourselves) and not as agents of another, and have not assigned my (our) Released Claims to another;
- 5. I (we) hereby warrant and represent that I (we) have not assigned or transferred or purported to assign or transfer, voluntarily or involuntarily, any matter released pursuant to the release or any other part or portion thereof;
- 6. I (we) have not submitted any other claim in this Action covering the same transactions and know of no other person having done so on his/her/its/their behalf;
- 7. I (we) hereby consent to the disclosure of, waive any protections provided by any applicable bank secrecy or data privacy laws (whether foreign or domestic), or any similar confidentiality protections with respect to, and instruct JPMorgan or any authorized third party to disclose my (our) information and transaction data relating to my (our) trades for use in the claims administration process;
- 8. I (we) submit to the jurisdiction of the Court with respect to my (our) claim and for purposes of enforcing the releases set forth in any Final Judgment that may be entered in the Action;
- 9. I (we) agree to furnish such additional information with respect to this Claim Form as the Settlement Administrator or the Court may require; and
- 10. I (we) acknowledge that I (we) will be bound by and subject to the terms of the Judgment that will be entered in the Action if the Settlement is approved.
- 11. I (we) certify that I am (we are) not subject to backup withholding under the provisions of Section 3406(a)(1)(C) of the Internal Revenue Code.

Case 1:20-cv-03515-PAE Document 83 Filed 04/01/22 Page 34 of 62 SECTION B: SIGNATURE

PLEASE READ THE RELEASE, CONSENT TO DISCLOSURE AND CERTIFICATION, AND SIGN BELOW.

I (we) acknowledge that, as of the Effective Date of the Settlement, pursuant to the terms set forth in the Settlement Agreement, and by operation of law and the Final Judgment, I (we) shall be deemed to release and forever discharge and shall be forever enjoined from prosecuting the Released Claims against the Released Parties (as defined in the Settlement Agreement and/or Final Judgment).

By signing and submitting this Claim Form, I (we) consent to the disclosure of information relating to my (our) transactions in U.S. Treasury Futures or Options on U.S. Treasury Futures during the Class Period, and waive any protections provided by any applicable bank secrecy or data privacy laws (whether foreign or domestic), or any similar confidentiality protections with respect to information and transaction data relating to my (our) trades, for use in the claims administration process.

If signing as an Authorized Representative on behalf of an entity, I (we) certify that I (we) have legal rights and authorization from the entity to file this Claim Form on the entity's behalf.

UNDER PENALTY OF PERJURY UNDER THE LAWS OF THE UNITED STATES OF AMERICA, I (WE) CERTIFY THAT ALL THE INFORMATION PROVIDED BY ME (US) ON THIS CLAIM FORM IS TRUE, CORRECT, AND COMPLETE AND THAT THE DATA SUBMITTED IN CONNECTION WITH THIS CLAIM FORM ARE TRUE AND CORRECT COPIES OF WHAT THEY PURPORT TO BE.

	Date:	
Signature of Claimant (if Claimant is an individual filing on his or her own behalf)		MM/DD/YY
Print Name of Claimant (if Claimant is an individual filing on his or her own behalf)		
	Date:	
Authorized Representative Completing Claim Form (if any)		MM/DD/YY
Print name of Authorized Representative Completing Claim Form (if any)		
Capacity of Authorized Representative (if other than an individual (e.g., trustee, executor, administrator, custodian, or other nominee))		

<u>REMINDER</u>: YOUR CLAIM FORM AND REQUIRED DATA MUST BE SUBMITTED ONLINE BY 11:59 P.M. EASTERN TIME ON JUNE 30, 2022, <u>OR</u> POSTMARKED AND MAILED NO LATER THAN JUNE 30, 2022.

EXHIBIT C

Lowey Dannenberg, P.C. and Kirby
McInerney LLP Announce A Proposed Class
Action Settlement. If You Purchased or
Sold Any U.S. Treasury Futures or Options
on U.S. Treasury Futures on United States
Based Exchanges, Your Rights May Be
Affected By A Pending Class Action
Settlement

NEWS PROVIDED BY **Lowey Dannenberg, P.C. and Kirby McInerney LLP →** Jan 10, 2022, 10:00 ET

NEW YORK, Jan. 10, 2022 /PRNewswire/ --

UNITED STATES DISTRICT COURT SOUTHERN DISTRICT OF NEW YORK

IN RE JPMORGAN TREASURY FUTURES SPOOFING LITIGATION

Case No.: 1:20-cv-03515 (PAE)

Summary Notice of Proposed CLASS ACTION Settlement

If you purchased or sold any U.S. Treasury Futures or Options on U.S. Treasury Futures on United States-based exchanges, including but not limited to the Chicago Mercantile Exchange, including its subsidiary the Chicago Board of Trade, from April 1, 2008, through January 31, 2016, your rights may be affected by a pending class action settlement and you may be entitled to a portion of the settlement fund.

This Summary Notice is to alert you to a proposed Settlement totaling **\$15,700,000** (the "Settlement Amount") reached with JPMorgan Chase & Co., J.P. Morgan Clearing Corp. (now known as J.P. Morgan Securities LLC), J.P. Morgan Securities LLC, and J.P. Morgan Futures, Inc. (now known as J.P. Morgan Securities LLC) (collectively, "JPMorgan" or "Defendants") in a pending class action (the "Action"). JPMorgan maintains that it has good and meritorious defenses to the claims of liability and damages alleged in the Action.

The United States District Court for the Southern District of New York (the "Court") authorized this Summary Notice and has appointed the lawyers listed below as Interim Co-Lead Class Counsel to represent the Settlement Class in this Action:

Vincent Briganti
LOWEY DANNENBERG, P.C.
44 South Broadway, Suite 1100
White Plains, NY 10601

Telephone: (914) 733-7221 vbriganti@lowey.com

Karen M. Lerner
KIRBY MCINERNEY LLP
250 Park Avenue, Suite 820
New York, NY 10177

Telephone: (212) 371-6600 klerner@kmllp.com

Who is a member of the Settlement Class?

The proposed Settlement Class consists of all Persons and entities wherever located that transacted in U.S. Treasury Futures or Options on U.S. Treasury Futures on United States-based exchanges, including but not limited to the Chicago Mercantile Exchange, including its subsidiary the Chicago Board of Trade, from April 1, 2008 through January 31, 2016 (the "Class Period"). Excluded from the Settlement Class are: (i) the Defendants and any past or present parent, subsidiary, affiliate, or division of any Defendant, provided that any Investment Vehicle shall not be excluded from the Settlement Class, but under no circumstances may JPMorgan (or any of its past or present parents, subsidiaries, affiliates, or divisions) receive a distribution for

its own account from the Settlement Fund through a File of the United States Government; and (iii) any judicial officer presiding over this Action, and the members of his or her immediate family and judicial staff.

"U.S. Treasury Futures" means: (i) 2-year T-Note Futures; (ii) 3-year T-Note Futures; (iii) 5-year T-Note Futures; (iv) 10-year T-Note Futures; (v) Ultra 10-year T-Note Futures; (vi) U.S. Treasury Bond Futures; and (vii) Ultra U.S. Treasury Bond Futures. "Options on U.S. Treasury Futures" means any option on U.S. Treasury Futures.

The other capitalized terms used in this Summary Notice are defined in the detailed Notice of Proposed Class Action Settlement, May 31, 2022, Fairness Hearing Thereon, and Class Members' Rights ("Notice") and the Settlement Agreement, which are available at www.treasuryfuturesclassactionsettlement.com.

If you are not sure if you are included in the Settlement Class, you can get more information, including the detailed Notice, at **www.treasuryfuturesclassactionsettlement.com** or by calling toll-free 1-877-888-8593 (if calling from outside the United States or Canada, call 1-414-921-0342).

What is this lawsuit about and what does the Settlement provide?

Class Plaintiffs allege that Defendants unlawfully and intentionally manipulated the prices of U.S. Treasury Futures or Options on U.S. Treasury Futures traded on United States-based exchanges, including but not limited to the Chicago Mercantile Exchange, including its subsidiary the Chicago Board of Trade, during the Class Period in violation of the Commodity Exchange Act, 7 U.S.C. §§ 1, et seq. and the common law.

JPMorgan maintains that it has good and meritorious defenses to Class Plaintiffs' claims and would prevail if the case were to proceed. Nevertheless, to settle the claims in this lawsuit, and thereby avoid the expense and uncertainty of further litigation, JPMorgan has agreed to pay a total of \$15,700,000 in cash for the benefit of the proposed Settlement Class. If the Settlement is approved, the Settlement Amount, plus interest earned from the date it was established (the "Settlement Fund"), less any Taxes, reasonable notice and administration costs, any Court-

awarded attorneys fees and litigation expenses and Incentive Awards for Class Plaintiffs, and any other costs or fees approved by the Court (the "Net Settlement Fund") will be divided among all Class Members who file valid Proof of Claim and Release Forms ("Claim Form").

If the Settlement is approved, the Action will be resolved against JPMorgan. If the Settlement is not approved, JPMorgan (as collectively defined above) will remain as Defendants in the Action, and Class Plaintiffs will continue to pursue their claims against Defendants.

Will I get a payment?

If you are a member of the Settlement Class and do not opt out, you will be eligible for a payment under the Settlement if you file a Claim Form. You may obtain more information at **www.treasuryfuturesclassactionsettlement.com** or by calling toll-free 1-877-888-8593 (if calling from outside the United States or Canada, call 1-414-921-0342).

Claim Forms must be postmarked by **June 30, 2022**, or submitted online at **www.treasuryfuturesclassactionsettlement.com** on or before 11:59 p.m. Eastern Time on **June 30, 2022**.

What are my rights?

If you are a member of the Settlement Class and do not opt out, you will release certain legal rights against JPMorgan and Released Parties as explained in the detailed Notice and Settlement Agreement, which are available at

www.treasuryfuturesclassactionsettlement.com. If you do not want to take part in the proposed Settlement, you must opt out by April 18, 2022. You may object to the proposed Settlement, the Distribution Plan, and/or Interim Co-Lead Class Counsel's request for attorneys' fees, payment of litigation costs and expenses, and any Incentive Awards to Class Plaintiffs. If you want to object, you must do so by April 18, 2022. Information on how to opt out or object is contained in the detailed Notice, which is available at

www.treasury future sclass action settlement.com.

The Court will hold a fream 31 the United States District Court for the South of District of New York, at the Thurgood Marshall U.S. Courthouse, located at 40 Foley Square, New York, NY 10007, on May 31, 2022 at 4:00 p.m. Eastern Time to consider whether to finally approve the proposed Settlement, Distribution Plan, the application for an award of attorneys' fees and payment of litigation costs and expenses, and the application for any Incentive Awards for the Class Plaintiffs. Given the current COVID-19 situation, the Court may conduct the Fairness Hearing remotely. You or your lawyer may ask to appear and speak at the hearing at your own expense, but you do not have to. Any changes to the time and place of the Fairness Hearing, or other deadlines, will be posted to www.treasuryfuturesclassactionsettlement.com as soon as is practicable.

For more information, call toll-free 1-877-888-8593 (if calling from outside the United States or Canada, call 1-414-921-0342) or visit www.treasuryfuturesclassactionsettlement.com.

**** Please do not call the Court or the Clerk of the Court for information about the Settlement. ****

SOURCE Lowey Dannenberg, P.C. and Kirby McInerney LLP

EXHIBIT D

CLOSED-END FUNDS

Listed are the 300 largest closed-end funds as measured by assets. Closed-end funds sell a limited number of shares and invest the proceeds in securities. Unlike open-end funds, closed-ends generally do not buy their shares back from investors who wish to cash in their holdings. Instead, fund shares trade on a stock exchange. Ma signifies that the information is not available or not applicable. NS signifies funds not in evisitence for the entire needed 12 month valid is: available of not applicable. As a signifies trains for the entire period, 12 month yield is computed by dividing income dividends paid (during the previous 12 months for periods ending at month end or during the previous 52 weeks for periods ending at any time other than month-end) by the latest month-end market price adjusted for capital gains distributions. Depending on the fund category, either 12-month yield or total return is listed.

Friday, January 7, 2022

Prem Fund (SYM) NAV Close / Disc Ret **General Equity Funds**

Adams Diversified Equity **ADX 22.07 19.06 -13.6 26.3** Boulder Growth & Income BIF 17.47 14.80 -15.3 34.6 Central Secs **CET** 48.79 44.02 -9.8 44.4 CohenStrsCEOppFd **FOF** 14.07 14.50 +3.1 23.1 EVTxAdvDivIncm **EVT** 29.09 29.21 +0.4 29.3 GabelliDiv&IncTr **GDV** 29.68 26.83 -9.6 26.1 Gabelli Equity Tr **GAB** 6.42 7.06 +10.0 23.2 GeneralAmer **GAM** 51.55 43.38 -15.8 22.9 JHancockTaxAdvDiv HTD 25.98 25.62 -1.4 30.0 Liberty All-Star Equity **USA** 8.08 8.32 Liberty All-Star Growth ASG 7.69 8.55 +11.2 13.3 Royce Wilcro-Cap Tr **RMT** 12.58 11.17 -11.2 18.2 Royce Value Trust **RVT** 19.69 18.88 -4.1 21.0 Source Capital **SOR** NA 43.20 NA 17.3
Sprott Focus Trust **FUND** 9.12 8.70 -4.6 28.0
Tri-Continental **TY** 36.34 32.38 -10.9 23.1 **Specialized Equity Funds**

Aberdeen Glib Prem Prop **AWP** 6.85 6.52 -4.8 35.1 Adams Natural Resources **PEO** 20.62 17.76 -13.9 50.7 ASA Gold & Prec Met Ltd ASA 24.02 20.40 - 15.1
BR Enh C&I CII 21.90 21.57 - 1.5
BlackRock Energy & Res BGR 11.39 10.41 - 8.6
BlackRock Eq Enh Div BDJ 10.38 10.12 - 2.5 -8.6 39.6 BlackRock Enh Glbl Div BOE 13.30 12.18 -8.4 18.1 BlackRock Enh Intl Div BGY 6.75 6.36 BlackRock HIth Sci Tr II BMEZ 24.89 23.61 -5.1 -16.0 3.9 NS BlackRock Hith Sciences BME 46.11 47.52 +3.1 BlackRock Innov and Grow BIGZ 15.35 14.14 -7.9 BlackRock Res & Comm BCX 10.40 9.76 BlackRock Sci&Tech Trll BSTZ 35.97 34.24 -6.2 -4.8 29.1 2.6 -1.8 BlackRock Sci&Tech Trust BST 49.61 48.45 -2.3 BlackRock Utl Inf & Pwr BUI 25.32 26.96 CLEARBRIDGEENGY MDS OPP EMO 29.93 23.84 -20.3 69.1 ClearBridge MLP & Midstm CEM 34.99 29.16 -16.7 68.3 ChnStrInfr UTF 27.82 28.35 +1.9 13.4 -0.9 51.5 +9.3 44.9 Cohen&SteersQualInc RQI 17.51 17.35 Cohen&Steers TotRet RFI 15.76 17.22 CohenStrsREITPrefinc **RNP** 28.37 28.61 +0.8 39.2 Columbia Sel Prm Tech Gr **STK** 34.10 36.46 +6.9 43.0 DNP Select Income **DNP** 9.86 10.94 +10.9 16.7 Duff&PhUti&InfraIncFd **DPG** 13.99 14.16 +1.2 23.9 EtnVncEqtyInc **EOI** 19.24 19.93 +3.6 28.9 EtnVncEqtyIncoll **EOS** 22.76 23.40 +2.8 15.6 EVRskMnDvsEgInc ETJ 10 21 10 68 +4 6 13 4 ETnVncTxMgdBuyWrtlnc **ETB** 16.41 17.08 +4.1 23.6 EtnVncTxMgdBuyWrtOpp **ETV** 15.88 16.38 +3.1 16.8

NAV Close /Disc Fund (SYM) Ret EvTxMnDvsEqInc **ETY** 14.25 14.72 +3.3 28.6 EtnVncTxMgdGlbB **ETW** 10.84 11.08 +2.2 24.3 EVTxMnGblDvEqInc **EXG** 10.35 10.48 +1.3 26.7 First Trust Energy Inc G **FEN 14.69 15.63** +6.4 47.7 First Tr Enhanced Eq **FFA** 21.00 21.12 +0.6 28.6 FirstTrEnergyInfra **FIF** 15.69 13.95 -11.1 34.8 FirstTrMLPEner&Inc **FEI** 8.34 7.81 -6.4 38.4

 Gabelli Healthcare GRX
 14.85
 13.31
 -10.4
 18.2

 Gab Utility GUT
 4.31
 8.24
 +91.2
 18.2

 GAMCOGIGold&NatRes GGN
 3.90
 3.81
 -2.3
 16.0

 J Han Finl Opptys **BTO** 42.63 48.18 +13.0 58.0 Neuberger Brmn MLP & EI **NML** 6.83 5.47 -19.9 52.1 Neuberger Nxt Gen Conn **NBXG** 18.01 16.12 -10.5 NS NubrgrRIEstSec **NRO** 5.37 5.17 -3.7 39.7 Nuv Dow 30 Dyn Overwrite DIAX 18.20 17.82 -2.1 25.8 Nuv Cor Eq Alpha JCE 17.12 17.17 +0.3 35.7 NuvCorEqAlpha JCE 17.12 17.17 Nuveen Nasdaq 100 Dyn Ov QQQX 28.98 29.16 +0.6 19.7 Nuv Real Est **JRS** 12.84 12.50 -2.6 64.8 Nuveen RI Asst Inc & Gro **JRI** 17.36 15.97 -8.0 27.6 NuvS&P500BuylncFd **BXMX** 15.20 14.91 -1.9 25.1 ReavesUtilityIncome **UTG** 33.95 34.33 +1.1 11.9 Tortoise Enrgy Infra Crp **TYG** 36.46 29.48 -19.1 40.9 Income & Preferred Stock Funds

VAGIAI & Tech Opptys **AIO** 25.66 24.95 -2.8 9.0 VDivInt&PremStr **NFJ** 17.02 15.68 -7.9 22.1 CalamosStratTot **CSQ** 18.50 18.72 +1.2 28.6
 CohenStrsLtdDurPref&lnc
 LDP
 25.32
 26.60
 +5.1
 12.0

 CohenStrsSelPref&lncome
 PSF
 25.89
 26.67
 +3.0
 7.5

 CohenStrsTaxAvPreSecs&l
 PTA
 25.45
 23.99
 -5.7
 0.4
 Dividend and Income **DNI** 20.10 14.46 -28.1 36.6 FirstTrIntDurPref&Inc **FPF** 24.38 24.50 +0.5 12.9 JHanPrefinci HPI
JHPrefincil HPF 20.28 20.52 +1.2 15.3 20.14 20.68 +2.7 19.3 HnckJPfdInco III **HPS** 17.99 18.53 +3.0 18.4 J Han Prm **PDT** 15.17 16.16 +6.5 26.2 LMP CapInco **SCD** 16.38 14.96 -8.7 38.2 LMP Capinco **SCD** 16.38 14.96 Nuveen Pref & Inc Opp **JPC** 9.75 9.85 +1.0 14.6 Nuveen Fd **JPS** 9.65 9.64 -0.1 11.0 Nuveen Pref & Inc Term **JPI** 24.74 25.63 +3.6 15.1 TCW Strat Income TSI 5.69 5.58 -1.9 5.8 Convertible Sec's. Funds
AdvntCnvrtbl&IncFd AVK 17.69 18.43 +4.2 26.6

CalamosConvHi CHY 15.14 15.63 +3.2 16.1 CalmosConvOp CHI 14.34 14.69 +2.4 14.9 VAGI Conv & Inc II NCZ 5.29 5.02 -5.1 VAGI Conv & Inc NCV 5.91 5.74 -2.9 VAGI Dvs Inc & Conv **ACV** 29.00 32.50 +12.1 22.9 VAGI Eqty & Conv Inc **NIE** 31.58 29.09 -7.9 13.9 World Equity Funds
Aberdeen Emg Mkts Eq Inc AEF 8.62 7.93 -8.0 Aberdeen Tot Dyn Div AOD 11.13 10.28 -7.6 22.0 Allspring Gl Div Oppty EOD 6.06 5.79 -4.5 27.7 BlackRock Capital Alloc BCAT 20.69 19.15 -7.4 -9.6

Calamos GloDynlnc **CHW** 9.57 9.84 China **CHN** 19.74 18.33 +2.8 11.4 -7.1 -14.5
 China CHN
 19.74 18.33
 -7.1 -14.5

 EV TXAdVGIDIVINE ETG 22.57 22.41
 -0.7 31.7

 EtnVncTxAdvOpp ETO 31.29 31.92
 +2.0 30.2

 FirstTr DynEuro Eqine FDEU 15.38
 13.30 -13.5 16.4

 Gabelli Multimedia GGT 8.13
 8.50 +4.6 14.4

 Highland Global Alloc HGLB 11.65
 9.61 -17.5 60.7

NAV Close /Disc Fund (SYM) Ret India Fund IFN 23.82 21.84 -8.3 22.9 Japan Smaller Cap **JOF** 9.07 7.87 -13.2 Korea KF NA 34.71 NA -2.7 19.1 NA 13.0 LazardGlbTotRetInc LGI 20.52 19.96 Mexico MXF NA 15.77 MS ChinaShrFd **CAF** 22.70 20.16 -11.2 -4.0 MS India **IIF** 32.35 27.29 -15.6 32.8 New Germany **GF** 16.29 14.89 -8.6 9.99 Templeton Dragon **TDF** 17.91 16.52 Templeton Em Mkt EMF 17.86 16.01 -10.4 -10.5 Prem12 Mo

NAV Close / Disc Yld Fund (SYM) U.S. Mortgage Bond Funds BlckRk Income BKT 5.60 5.60 5.59 -0.2 7.3 Investment Grade Bond Funds Angel Oak FS Inc Trm FINS 17.64 16.48 BIRck Core Bond BHK 15.18 15.54 BR Credit Alloc Inc BTZ 14.89 14.37 InvescoBond VBF 19.83 19.08 J Han Income JHS MFS Intmdt MIN -3.0 0.0 15.18 14.72 3.56 3.56 Western Asset Inf-Lk Inc WIA 13.49 12.99 Western Asset Inf-Lk O&I WIW 13.82 12.73 6.9

Loan Participation Funds
Apollo Senior Floating AFT NA 16.43 NA
BR Debt Strategy DSU 11.58 11.66 +0.7 BR F/R Inc Str **FRA** 13.89 13.48 BlackRock Floatng Rt Inc **BGT** 13.49 13.57 Blackstone Strat Cr **BGB** 14.46 13.62 Eagle Point Credit **ECC** NA 14.13 EtnVncFltRtelnc EFT 14.49 15.09 EV SenFlRtTr EFR 14.26 14.85 FT/Sr Fltg Rte Inc 2 FCT 12.28 12.33 Highland Income **HFRO** 13.77 11.03 -19.9 InvDYCrOpp:AX **VTA** 12.46 NA NA InvSnrIncTr **VVR** 4.64 4.36 -6.0 8.4 NA InvSnrIncTr **VVR** 4.64 4.36 Nuveen Credit Strat Inc **JQC** 6.89 6.56 Nuveen Credit Strat Inc JQC 6.89 6.56 -4.8 10.0 NuvFloatRateIncFd JFR 10.45 10.33 -1.1 6.6 NuvFloatRteIncOppty JRO 10.35 10.21 -1.4 High Yield Bond Funds

Aberdeen Inc Credit Str **ACP** 10.30 10.33 +0.3 11.7 AllianceBernGlHilncm **AWF** 12.65 12.04 -4.8 6.4 -4.8 -1.7 Allspring Income Oppty **EAD** 9.02 8.87 Barings Glb SD HY Bd **BGH** 17.90 17.15 7.3 7.5 BR Corporate HY **HYT** 11.88 12.09 +1.8 BlackRock Ltd Dur Inc **BLW** 16.36 16.04 -2.0 Brookfield Real Asst Inc RA 19.98 21.47 11.3 CrSuisHighYld **DHY** 2.52 2.48 DELAWAREIVYHIGHINCOPP **IVH** 14.80 13.87 DoubleLine Inc Sol **DSL** 17.05 16.31 DoubleLine Yld Opps **DLY** 19.64 18.64 7.4 8.4 First Tr Hi Inc Lng/Shrt **FSD 15.88 15.41** First Trust HY Opp:2027 **FTHY 20.21 20.43** KKR Income Opportunities KIO NA 16.77 Nuveen Global High Inc **JGH 16.51 15.84** PGIM Global High Yield **GHY 16.05 15.01** -6.5 8.3 PGIM High Yield Bond ISD 16.81 16.03 PGIM Sh Dur Hi Yld Opp SDHY 19.45 18.27 7.8 7.6 8.1 PioneerHilncm **PHT** WstAstHIF II **HIX** 9.46 9.41 -0.5 Western Asset Hi Inc Opp HIO 5.28 5.05

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b2Mb3.>I<5Nh7:B
b2Mb3.>I<5Nh7:B
b2Mb3.>III bf: @53<N7gbgNdg9 SdN;2; ad 1h7 bf: @.Ncj:d3g 3h `3g.Nb3h g9 b5: @gi ig;3bH >I<5Nh7:B
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9 b5: T:bb.:i:hb 3cNffdg':;2 b5: B<b3ghJ3... M:d:cg.':; N7N3hd\bj#gd7Nh- '9 b5: T:bb.:i:hb 3chgbNffdg':;2 &j#gd7Nh8Nc <g..:<b3':.H;:93h:; NMg':: θ 3... d:iN3h Nc?:9:h;Nhbc 3hb5: B<b3gh\bb\bb\\bb\\g\end{b}1, @N\end{c}j.N3hb9\ellowJ3... <ghb3ha\bgfadca: b5:3d<b.N3icN7N3hcl ?:9:h:Nhbc-

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S5: @gadl93.. 5g.; N 5Nd3h7Nb5: Rh3b:; TbNb:23cbd3-@gadl9gdb5: Tgab5:dh?3cbd3-29": J Ogd/2 10 5: S5ad7gg; #Ndc5N.. R-T- @gadb5gac:2g<Nb:; NtZ^ =g.:H TeaNd:2": J Ogd/2 10 O1^\times 2 Cbd3-Mab3gNh2b5 Nf1.3<\text{Nf1/M}YNbLD||316! > Ncb:dh63: bg <ghc3;:d J5:b5:d bg93hN.. Mffdg': b5: fdgfgc:; T:bb.:i:hb2 ?3cbd3Mab3gNh2b5 Nf1.3<\text{Nb3gBgdNhNJNd};g9Nbhth:Hc_9::c Nh; fNH::hbg9.3b37Nb3gbcbdNh; if:hc:c2 Nh; b5: Nff.3<\text{Nbp9gdNhHh}: hb3': BJ Ndc 9gdb5: @.Ncj:N3hb3W-)3': h b5: <add:htt@!\text{Q}'?0]F $\begin{array}{l} c3baNb3gb\Omega @ gadbNH < gh; a < bb5 := N3dh: c4: Nd3h7d: igb:.H - Oga gdHgat NJHd iNH Nc/bgNff: NdNh; cf:N/ Nlb5: 5: Nd3h7NbHgadgJh : lf:he:2 MalHga;g hgb5N': bg-BhH < 5Nh7: cbgb5: b3i: Nh; f.N<: g9b5 = Ndh: cc (:Nd3h72gdgb5: d;:N; 3h: c2 J3... M: Nh; f.N<: g9b5 = Ndh: cc (:Nd3h72gdgb5: d;:N; 3h: c2 J3... M: Nh; f.N<: g9b5 = Ndh: cc (:Nd3h72gdgb5: d;:N; 3h: c2 J3... M: Nh; f.N<: g9b5 = Ndh: cc (:Nd3h72gdgb5: d;:N; 3h: c2 J3... M: Nh; f.N<: g9b5 = Ndh: cc (:Nd3h72gdgb5: d;:N; 3h: c2 J3... M: Nh; f.N<: g9b5 = Ndh: cc (:Nd3h72gdgb5: d;:N; 3h: c2 J3... M: Nh; f.N<: g9b5 = Ndh: cc (:Nd3h72gdgb5: d;:N; 3h: c2 J3... M: Nh; f.N<: g9b5 = Ndh: cc (:Nd3h72gdgb5: d;:N; 3h: c2 J3... M: Nh; f.N<: g9b5 = Ndh: cc (:Nd3h72gdgb5: d;:N; 3h: c2 J3... M: Nh; f.N<: g9b5 = Ndh: cc (:Nd3h72gdgb5: d;:N; 3h: c2 J3... M: Nh; f.N<: g9b5 = Ndh: cc (:Nd3h72gdgb5: d;:N; 3h: c2 J3... M: Nh; f.N<: g9b5 = Ndh: cc (:Nd3h72gdgb5: d;:N; 3h: c2 J3... M: Nh; f.N<: g9b5 = Ndh: cc (:Nd3h72gdgb5: d;:N; 3h: c2 J3... M: Nh; f.N<: g9b5 = Ndh: cc (:Nd3h72gdgb5: d;:N; 3h: c2 J3... M: Nh; f.N<: g9b5 = Ndh: cc (:Nd3h72gdgb5: d;:N; 3h: c2 J3... M: Nh; f.N<: g9b5 = Ndh: cc (:Nd3h72gdgb5: d;:N; 3h: c2 J3... M: Nh; f.N<: g9b5 = Ndh: cc (:Nd3h72gdgb5: d;:N; 3h: c2 J3... M: Nh; f.N<: g9b5 = Ndh: cc (:Nd3h72gdgb5: d;:N; 3h: c2 J3... M: Nh; f.N<: g9b5 = Ndh: cc (:Nd3h72gdgb5: d;:N; 3h: c2 J3... M: Nh; f.N<: g9b5 = Ndh: cc (:Nd3h72gdgb5: d;:N; 3h: c2 J3... M: Nh; f.N<: g9b5 = Ndh: cc (:Nd3h72gdgb5: d;:N; 3h: c2 J3... M: Nh; f.N<: g9b5 = Ndh: cc (:Nd3h72gdgb5: d;:N; 3h: c2 J3... M: Nh; f.N<: g9b5 = Ndh: cc (:Nd3h72gdgb5: d;:N; 3h: c2 J3... M: Nh; f.N<: g9b5 = Ndh: cc (:Nd3h72gdgb5: d;:N; 3h: c2 J3... M: Nh; f.N<: g9b5 = Ndh: cc (:Nd3h72gdgb5: d;:N; 3h: c2 J3... M: Nh; f.N<: g9b5 = Ndh: cc (:Nd3h72gdgb5: d;:N; 3h: c2 J3... M: Nh; f.N<: g9b5 = Ndh: cc (:Nd3h72gdgb5: d;:N; 3h: c2 J3... M: Nh; f.N<: g9b5 = Ndh: cc (:Nd3h72gdgb5: d;:N; 3h: c2 J3... M: nh; f.N<: g9b5 = Ndh: cc (:Nd3h72gdgb5: d;:N; 3h: c2 J3... M: d;:Ndh: cc (:Nd3h72gdgb5: d;:N; 3h: c2 J3... M: d;:Ndh:$ $fgcb:; \ bg \textbf{MMN02SX1/2IR/0/2S1U7X11XU0O451S007S6S50ctggfn} \ Nc3cfdN < b3 < NM.: - the second of the second of$

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Fund (SYM) N	AV C	F lose /	Prem1	2 Mo Yld
Western Asset Hi Yld D O HYI	15.36	15.22	-0.9	7.1
Other Domestic Taxab Allspring Multi-Sector ERC			nds +4.5	8.5
Apollo Tactical Income AIF	NA	15.43	NA NA	6.5 7.1
Ares Dynamic Crdt Alloc ARDC BlackRock Mlt-Sctr Inc BIT		16.29 17.90	+1.8	8.1
BlackRock Tax Muni Bd BBN			+0.5 +1.0	5.4
DoubleLine:Oppor Crdt Fd DBL EVLmtDurIncm EVV	13.12		+1.9 0.0	7.1 9.1
Franklin Ltd Dur Income FTF J Han Investors JHI	8.93 18.12	9.14 18.31	+2.4 +1.0	10.2 7.5
MFS Charter MCR	8.27	8.39	+1.5	8.1
Nuveen Taxable Muni Inc NBB PIMCO Corp & Inc Oppty PTY			+1.4 +17.1	5.5 9.1
PIMCO Corp & Inc Strat PCN	14.31	17.24	+20.5	7.8
PIMCOHilnco PHK PIMCO IncmStrFd PFL	5.78 10.34	6.27 10.95	+8.5 +5.9	9.3 9.5
PIMCO IncmStrFd II PFN Putnam Prem Inc PPT	9.12 4.39	9.61 4.37	+5.4	9.7 7.3
Western Asset Dysfd Inc WDI			-0.5 -6.1	NS
World Income Funds Abrdn AP IncFd FAX	4.24	3.86	-9.0	8.6
MS EmMktDomDebt EDD	6.21	5.46	-12.1	6.9
PIMCO Dynamic Income PDI PIMCO Dynamic Inc Opp PDO			+8.9 +1.0	10.2 NS
PIMCO Stratg Inc RCS	6.13	6.84	+11.6	9.0
Templeton Em Inc TEI Templtn Glbl Inc GIM	7.57 5.42	7.25 5.14	-4.2 -5.2	10.4 7.1
WstAstEmergDebt EMD Western Asset GICr D Op GDO	13.52	12.75	-5.7 -3.1	8.4 6.9
National Muni Bond Fu	ınds			
AllBerNatlMunInc AFB BlckRk Inv Q Mun BKN			-3.0 +7.4	4.3 4.7
BlackRock Muni 2030 Tgt BTT	26.63	25.56	-4.0	2.8
BlackRock Muni BFK BlackRock Muni II BLE	14.57 14.91		+3.7 +0.4	4.5 4.9
BlckRk Muni Inc Qly BYM	15.60	15.69	+0.6	4.4
BR MuniAssets Fd MUA BR MuniHoldings Qly MFL			-0.1 -3.1	4.0 3.9
BR MH Qly 2 MUE	14.09	13.66	-3.1 -3.7	4.4
BR MuniHoldngs MHD BR MuniVest Fd MVF	9.92	9.55	-3.7	4.3 4.2
BR MuniVest 2 MVT BR MuniYield Fd MYD	15.45	15.80 14.61	+2.3 -3.4	4.4 4.5
BR MuniYield Qlty MQY	16.31	15.86	-2.8	4.9
BR MuniYld Qlty2 MQT BR MuniYld Qly3 MYI	14.34 15.21		+0.4 -5.3	4.4 4.1
BNY Mellon Muni Bd Infra DMB	14.46	14.37	-0.6	4.4
BNY Mellon Str Muni Bond DSM BNY Mellon Strat Muni LEO	8.31 8.67	8.26 8.35	-0.6 -3.7	4.3 4.8
DWS Muni Inc KTF	12.58	11.78	-6.4	4.2
EVMunilncm EVN	14.07	13.40 13.76	-3.0 -2.2	4.3 4.1
	21.85 12.04	21.54 11.98	-1.4 -0.5	3.4 4.7
Invesco MuniOp OIA	7.81	7.92	+1.4	4.6
InvescoMuOppTr VMO InvescoMuTr VKQ	13.50 13.52		+1.5 -1.5	4.6 4.7
InvescoQual Inc IQI	13.60	13.19	-3.0	4.5
InvTrInvGrMu VGM InvescoValMunInc IIM	13.92 16.52		-2.4 -1.3	4.6 4.5
MAINSTAY:MK DEFTR MUN OP MMD	20.83	21.06	+1.1	4.6
	14.90 17.22		+1.4 -4.7	4.8 2.7
Nuveen AMT-Fr Mu Val NUW Nuveen AMT-Fr Qlty Mun I NEA Nuveen AMT-Fr Mu CI NVG			-4.1 -0.7	4.5 4.5
Nuveen Dyn Muni Opp NDMO	15.71	15.70	-0.7	5.5
Nuveen Enh Muni Val NEV Nuveen Int Dur Mun Term NID			-1.5 +0.1	4.5 3.6
Nuveen Mu Crdt Opps NMCO	15.63	15.50	-0.8	4.7
Nuv Muni Credit Income NZF Nuv Muni Hilnc Opp NMZ			-2.1 +2.4	4.6 5.1
Nuveen Muni Val NUV	10.63	10.20	-4.0	3.4
Nuveen Quality Muni Inc NAD Nuveen Sel TF NXP	16.13 16.29		-2.4 -4.1	4.4 3.4
	13.20	14.47	+9.6 +17.7	4.2 4.8
Pimco Muni III PMX	11.29	12.23	+8.3	4.3
PioneerHilncAdv MAV PionrMuniHilncOppty MIO			-4.0 -7.0	4.8 NS
PioneerMunHilcm MHI	13.05	12.07	-7.5	4.4
Putnam Mgd Inc PMM Putnam Muni Opp PMO	8.21 13.71	8.37 13.73	+1.9 +0.1	4.3 4.4
RiverNorth Flx Mu Inc II RFMZ	20.17	19.53	-3.2	NS
RiverNorth Mgd Dur Mun I RMM Western Asset Mgd Muni MMU			-1.3 -6.0	5.4 3.8
Single State Muni Bon	d			
BlackRock CA Mun BFZ BR MH CA Qly Fd Inc MUC	15.66	15.48	-9.3 -1.1	3.4 4.2
	15.78		-2.3 -5.4	4.7 4.5
BR MH NY Qly MHN BR MuniYld CA MYC	14.89 16.03	14.09	-5.4 -6.9	4.5 3 A

Prem 12 Mo NAV Close /Disc Yld Fund (SYM) BR MuniYld MI Qly MIY 15.52 14.99 -3.4 BR MuniYld NJ **MYJ** 15.90 15.45 BR MuniYld NY Qly **MYN** 14.27 14.24 4.7 4.3 5.0 BlackRock NY Mun **BNY** 14.84 14.85 EVCAMuniBd **EVM** 12.34 11.55 Eaton Vance NY Muni Bd **ENX** 13.23 12.11 +0.1 InvCaValMuIncTr **VCV** 13.52 13.67 4.0 InvPAValMuIncTr VPV 14.20 13.61 -4.2 4.2 InvTrInvGrNYMu VTN 14.36 13.30 4.2 4.2 Nuveen CA AMT-F Qual MI NKX 16.46 15.67 -4.8 Nuveen CA Val **NCA** 10.69 10.09 Nuveen CAQtyMulnc **NAC** 15.85 15.11 -5.6 -4.7 3.0 4.1 NuvNJ Qual Muni Inc NXJ 16.38 15.08 Nuveen NY AMT/Fr Qual MI NRK 14.91 13.66 4.5 4.1 4.1 3.6 Nuveen NY Qual Muni Inc NAN 15.40 14.39 Nuveen OH Qual Muni Inc NUO 17.33 16.05 -7.4 -7.3 +5.5 Nuveen PA Qual Muni Inc NQP 15.97 14.81 4.5 3.4 Nuveen VA Qlty Mun Inc NPV 15.21 16.05 PIMCO CA PCQ 13.96 18.79 +34.6 PIMCOCAMunill PCK 9.01 9.42 4.1 52 wk
Prem Ttl
NAV Close/Disc Ret Fund (SYM) **General Equity Funds** Alternative Strategies: 6.86 NA NA 32.0 Specialized Equity Funds Aspiriant Rsk-Mgd RA NA Bluerock Total Inc+ RE:A 33.79 NS NA NA NA NA NA NA NA 20.8 NA 22.0 NA 21.4 Bluerock Total Inc+ RE:C 31.90 Bluerock Total Inc+ RE: 34.52 Bluerock Total Inc+ RE:L 33.40 Bluerock Total Inc+ RE:M 31.90 Broadstone RI Est Acc:l 1.32 NA NA NS 5.9 5.0 Broadstone RI Est Acc: 1.32 Broadstone RI Est Acc:W 1.30 NA 9.41 NA NA -6.1 34.5 NA 10.1 CBRE GlbRIEst IGR 10.02 CIMRA&CC NA 26.09 9.3 CIM RA&C I 26.53 26.30 NA 10.3 NA 9.8 Clarion Partners REI D 12.09 Clarion Partners REI 12.10 NA NA NA 24.6 NA 24.8 NA Clarion Partners REIS 12.10 NA 23.8 Clarion Partners REIT GS Real Est Div Inc:P NA NA 23.8 NA NS NA NA NA NA NA NA NA NA 38.8 NA 37.8 NA 39.1 NexPointRIEstStrat;A 20.71 NexPointRiestStrat, 20.71 NexPointRiestStrat, 20.95 NexPointRiestStrat, 20.93 NA 22.0 NA 21.8 PREDEX:I 29.36 29.53 NA 21.8 NA 9.5 NA 9.7 PREDEX:W 29.53 Principal Dvs Sel RA A 27.01 Principal Dvs Sel RA Ins 27.07 Principal Dvs Sel RAY 27.21 NA
Principal Dvs Sel RAY 27.21 NA
StoneCastle Financial Co BANX NA 21.53
The Private Shares; 41.51 NA
The Private Shares; 41.06 NA
The Private Shares; 41.07 NA NA 9.95 NA NA 22.5 NA NA 22.7 NA 22.1 NA Thirdline Real Estate I 10.01 NA NS NA NA NA NA USQ Core Real Estate: 28.36 USQ Core Real Estate: IS 28.39 NA 19.8 Versus Cap MMgr RE Incl 30.29 Versus Capital Real Asst 26.87 NA NA

NA NA NA NS Convertible Sec's. Funds Calmos Dyn Conv and Inc **CCD** 28.92 30.00 +3.7 -0.9
 World Equity Funds

 ACAP Strategic:A
 21.60
 NA
 NA
 -20.1

 ACAP Strategic:A
 21.60
 NA
 NA
 -20.1

 ASpiriant RS-Mgd Cap Ap
 NA
 NA
 NA
 NA

 CalamosGlbTotRet
 CG0
 14.97
 15.37
 +2.7
 6.8
 Thomburg Inc Bldr Opps **TBLD.0** 20.33 18.97 -6.7 NS Virtus Total RetFd **ZTR** 9.21 9.43 +2.4 8.9 Prem12 Mo NAV Close/Disc Yld Fund (SYM) U.S. Mortgage Bond Funds Arca US Treasury NA Loan Participation Funds NA NA 0.0 1WS Credit Income;A2 NA
1WS Credit Income;Inst NA NA NA NS

13.58

12.93 13.69 NA NA NA

Income & Preferred Stock Funds
A3 Alternative Inc
Calamos L/SEqty and DI CPZ 21.67 19.91

Destra Multi-Altrntv;I 12.06 First Trust Alt Opps;A NA

Flat Rock Opportunity 22.62 Lord Abbett Spec Sit I:A 9.95 Lord Abbett Spec Sit I:I 9.95

Variant Altrntv Inclinst Variant Impact;Instl 27.97 Variant Impact;Instl 25.05

AlphCntrc Prime Merid In Axonic Alternative Inc NA

Symbol Insider

NA

NA NA NA

NA NA 6.1 NA NA 9.2 NA NA 11.9

Wildermuth:A

Wildermuth:

Fund (SYM) NAV Close /Disc Yld Blackstone FR EI D Blackstone FR ELL 24.02 Blackstone FR EI T Blackstone FR EI T-I 24.57 $\mathsf{Blackstone}\,\mathsf{FR}\,\mathsf{EI}\,\mathsf{U}$ Bluestone Commnty Dev BNYM Alcntr Glb MS Cr Fd 102.71 CliffwaterClFd;I 10.62 10.43 CliffwaterElFd;A CNR Strategic Credit FedProj&TrFinanceTendr Flat Rock Core Income InvDYCrOpp:A NA 12.45 12.45 InvDYCrOpp:R6 12.45 6.50 InvDYCrOpp:Y Invesco Sr Loan A Invesco Sr Loan C Invesco Sr Loan IB 6.52 6.50 6.50 NA NA Invesco Sr Loan IC Invesco Sr Loan Y OFS Credit Company OCCI NA 13.40 NA NA Vieldstreet Prism High Yield Bond Funds NA 6.1 NA 6.1 NA 6.1 NA 6.1 NA NS NA NS NA 7.5 NA 15.0 NA 7.3 NA 8.0 NA 5.3 Griffin Inst Access Cd:A NA Griffin Inst Access Cd:C Griffin Inst Access Cd:F Griffin Inst Access Cd:L Griffin Inst Access Cd:L Griffin Inst Access Cd:M NΑ NA NA 9.38 9.38 PIMCO Flexible Cr I;A-1 PIMCO Flexible Cr I;A-2 PIMCO Flexible Cr I;A-3 PIMCO Flexible Cr I;A-4 9.38 NA NA NA PIMCO Flexible Cr I;Inst 9.38 WA Middle Mkt Inc Other Domestic Taxable Bond Funds AFA MMC;Inst AFA MMC;Inv NS NS 6.3.6 6.6.1 13.6 6.5.6 6.1 13.6 6.7.1 6.8.4 5.3.3 5.5.3 5.3.0 6.9 7.7.5 5.6.1 4.88 E.7.7 5.2.2 6.1.4 4.8 E.7.7 5.2.2 6.1.4 4.8 E.7.7 5.2.2 6.1.4 4.5 5.3.3 5.3.0 6.9 7.7 5.6.1 4.8 E.7.7 5.2.2 6.1.4 5.3.3 5.3.3 5.3.0 6.9 7.7 5.6.1 4.8 E.7.7 5.2.2 6.1.4 5.3.3 5 9.92 Alternative Credit Inc:A 11.02 Alternative Credit Inc:C 11.14 Alternative Credit Inc: 11.04 Alternative Credit Inc:L 11.02
Alternative Credit Inc:W 11.01 Angel Oak Str Crdt:Inst BR Credit Strat;A 9.90 BR Credit Strat;Inst 9,90 9.91 9.90 BR Credit Strat;U BR Credit Strat;W BlackRock Mit-Sctr Oppty 83.77
BlackRock Mit-Sec Opp II 86.94 NA NA Carlyle Tact Pvt Cred:A Carlyle Tact Pvt Cred:I Carlyle Tact Pvt Cred:L Carlyle Tact Pvt Cred:M Carlyle Tact Pvt Cred:N Carlyle Tact Pvt Cred:Y CION Ares Dvsfd Crdt;A CION Ares Dvsfd Crdt;C CION Ares Dvsfd Crdt;I CION Ares Dvsfd Crdt;L CION Ares Dysfd Crdt:U NE 8.6 6.7 5.9 6.9 CION Ares Dysfd Crdt;U2 CION Ares Dysfd Crdt;W CNR Select Strategies 12.28 First Eagle Crdt Opps A 26.21 First Eagle Crdt Opps I 26.17 FS Credit Income;A NA -8.2 FS Credit Income;I -8.1 13.6 NA 5.1 FS Credit Income;T FS Credit Income;U 5.1 NS FS Credit Income;U-2 NA 26.5 NA NS NA NS GL Beyond Income KKR CREDIT OPPTY;D KKR CREDIT OPPTY;I KKR CREDIT OPPTY;T NA 12.0 NS KKR CREDIT OPPTY;U Lord Abbett Cred Opps Fd 10.57 Lord Abbett Cred Opps Fd 10.57 Lord Abbett Crd Op:U 10.57 Palmer Square Opp Inc 18.36 Thrivent Church Ln&Inc:S 10.38 NA World Income Funds 6.3 6.5 6.1 BlueBay Destra Itl E:A 22.71 BlueBay Destra Itl E:I 22.72 22.69 BlueBay Destra Itl E:L BlueBay Destra Itl E:T 22.65 Oaktree Dvsfd Income;D 9.90

National Muni Bond Funds

PIMCO Flex Mun Inc:A1 11.82

PIMCO Flex Mun Inc;A2 11.82 PIMCO Flex Mun Inc;Inst 11.82

No.ofshrsin Pricerange (\$) \$Value |
Title trans (000s) Pricerange (\$000s) Close (\$) Ytd (%)

9.97

NA

NA NA NS NS 1.6 1.8 1.9 2.3

Ecofin Tax-Adv Soc Impct Nuveen En HY Muni Bd:A

Nuveen En HY Muni Bd:I

PIMCO Flex Mun Inc;A-3

Insider-Trading Spotlight

BR MuniYld CA **MYC** 16.03 14.93 -6.9 BR MuniYld CA Qly **MCA** 15.99 15.49 -3.1

Trading by 'insiders' of a corporation, such as a company's CEO, vice president or director, potentially conveys new information about the prospects of a company. Insiders are required to report large trades to the SEC within two business days. Here's a look at the biggest individual trades by insiders, based on data received by Refinitiv on January 7, and year-to-date stock performance of the company

KEY: B: beneficial owner of more than 10% of a security class CB: chairman CEO: chief executive officer CFO: chief financial officer CO: chief operating officer D: director and beneficial owner GC: general counsel H: officer, director and beneficial owner indirect transaction filed through a trust, insider spouse, minor child or other O: officer OD: officer and director P: president UT: unknown **VP:** vice president Excludes pure options transactions

Biggest weekly individual trades

Based on reports filed with regulators this past week

Date(s) Company

Date(5)	company	5,			114115 (0005	,	(0000)	C.05C (4)	
Buyer	S	-							
Dec. 17	Samsara	ЮТ	M. Andreessen	DOI	3,996	23.00	91,900	23.22	-17.4
Dec. 17			H. Taneja	DOI	2,000	23.00	46,000		
Dec. 30	Amkor Technology	AMKR	J. Kim	DO	3712*	24.68	91,600	23.71	-4.4
Dec. 30			A. Kim	В	1,856	24.68	45,818		
Dec. 30-Jar	a.3 Asana	ASAN	D. Moskovitz	CEO	1,000	69.93-77.70	73,701	61.22	-17.9
Jan. 4-6			D. Moskovitz	CEO	750	57.77-73.66	47,869		
Jan. 3-4	Cardlytics	CDLX	C. Sosin	BI	159	65.53-67.45	10,569	61.08	-7.6
Dec. 30	Biodesix	BDSX	J. Schuler	DOI	2,299	4.35	10,000	5.40	2.1
Dec. 30			J. Patience	CBI	161	4.35	700		
Dec. 30			M. Strobeck	DI	148	4.35	643		
Jan. 3-4	Party City Holdco	PRTY	C. Sosin	BI	986	6.01-6.20	6,030	6.39	14.7
Dec. 29	Mersana Therapeutics	MRSN	A. Hack	DI	875	5.75	5,031	6.27	0.8
Dec. 30			A. Hack	DI	815	6.15	5,012		
Dec. 30	Heliogen	HLGN	P. Newhouse	DI	510	9.59	4,891	6.93	-55.4
Jan. 4	ClearOne	CLRO	E. Bagley	В	1,538	1.30	2,000	1.38	7.0
Dec. 29	BridgeBio Pharma	BBIO	J. Momtazee	D	80	14.50	1,160	14.65	-12.2
Jan. 4-5	EverQuote	EVER	D. Blundin	DO	77	14.87-14.99	1,144	15.04	-4.0
Dec. 20-22	American Assets Trust	AAT	E. Rady	CEOI	21	34.30-36.15	760	38.59	2.8
Seller	S								
Jan. 3	NVIDIA	NVDA	J. Huang	CEO	440	298.47-306.52	132,954	272.47	-7.4
Dec. 30	Amkor Technology	AMKR	D. Kim	BI	3,712	24.68	91,600	23.71	-4.4
Dec. 30			S. Kim	DOI	3,712	24.68	91,600		
Dec. 30			J. Kim	BI	3,712	24.68	91,600		
Jan. 4	Workday	WDAY	D. Duffield	DO	301	245.56-263.72	75,010	250.24	-8.4
Jan. 3-4	Toast	TOST	A. Narang	Р	1,026	30.24-35.28	33,125	28.40	-18.2
Dec. 30-31	L		A. Narang	Р	704	34.90-37.92	25,592		
Dec. 6-8	Apollo Global Management	APO	J. Harris	DOI	449	70.65-72.13	31,950	68.96	-4.8
Dec 9-10	_		I Harris	DOI	319	70 14-72 19	22 577		

Jan. 3	NVIDIA	NVDA	J. Huang	CEO	440	298.47-306.52	132,954	272.47	-7.4
Dec. 30 Dec. 30 Dec. 30	Amkor Technology	AMKR	D. Kim S. Kim J. Kim	BI DOI BI	3,712 3,712 3,712	24.68 24.68 24.68	91,600 91,600 91,600	23.71	-4.4
Jan. 4	Workday	WDAY	D. Duffield	DO	301	245.56-263.72	75,010	250.24	-8.4
Jan. 3-4 Dec. 30-31	Toast	TOST	A. Narang A. Narang	P P	1,026 704	30.24-35.28 34.90-37.92	33,125 25,592	28.40	-18.2
Dec. 6-8 Dec. 9-10	Apollo Global Management	APO	J. Harris J. Harris	DOI DOI	449 319	70.65-72.13 70.14-72.19	31,950 22,577	68.96	-4.8
Jan. 3	Unity Software	U	J. Riccitiello	CEO	229*	136.71-144.11	31,749	120.38	-15.8
Dec. 9	AutoZone	AZO	M. Finestone	0	11 1	979.45-2006.89	21,869	2014.77	-3.9
Jan. 3	Sonos	SONO	P. Spence	CEO	634	30.01-30.12	19,060	28.68	-3.8
Jan. 3	Roku	ROKU	A. Wood	CEOI	80	225.75-237.47	18,628	180.41	-20.9
Dec. 15-17	Warby Parker	WRBY	D. Gilboa	CEO	367	43.32-44.92	16,090	39.71	-14.7
Jan. 3	Chinook Therapeutics	KDNY	D. Jerel	DOI	1,000	16.00	16,000	14.34	-12.1
Dec. 21	CrowdStrike Holdings	CRWD	G. Kurtz	CEO	69	200.97-208.64	14,117	188.99	-7.7
Jan. 3	Upstart Holdings	UPST	D. Girouard	CEO	92*	144.73-155.60	13,627	116.95	-22.7

Sensata Technologies Holding * Half the transactions were indirect **Two day transaction p - Pink Sheets

Buying and selling by sector

Based on actual transaction dates in reports received this past week

Sector	Buying	Selling	Sector	Buying	Selling
Basic Industries	15,376	10,157,080	Health care	540,108	11,871,585
Business services	0	7,982,106	Industrial	420,579	1,716,683
Consumer durables	218,136	4,676,379	Media	51,737	7,721,621
Consumer nondurables	248,955	23,323,301	Technology	2,215,596	71,150,872
Consumer services	100,721	19,571,650	Transportation	0	6,630,038
Energy	63,373	8,352,237	Utilities	5,961	8,590,717
Finance	456,477	113,749,407			

ST

J. Cote

CEO

203

Sources: Refinitiv; Dow Jones Market Data

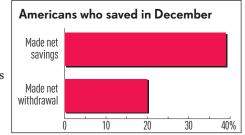
62.76-65.00 **12,962** 62.91

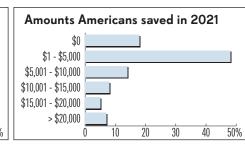
OFF THE CHARTS

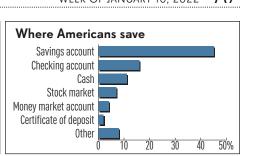
Source: MagnifyMoney.com

Americans Savings in 2021

Eighteen percent of Americans did not save money in 2021. But 34% saved more than \$5,000. In December alone, 39% of Americans made net additions to their savings. In 2021, 45% used a regular savings account, while 7% considered stock investments as savings.







FINANCIAL ADVISOR BRIEFING

Some Clients Just Need Help Paying Bills

Advisors bring value by helping older clients keep up with obligations

BY MOREY STETTNER

FOR INVESTOR'S BUSINESS DAILY

When Lisa Wiseman became an advisor in 1999, she expected to manage clients' investments and provide comprehensive financial planning. She didn't expect to help them pay bills.

More than 20 years later, she's doing some of both.

In recent years, a handful of her financial planning clients have needed assistance to pay bills and related tasks. In some cases, aging clients — and their adult children liked the idea of having an honest, responsible person take charge of bills and other household cash flow issues

As a result, Wiseman has carved out a separate bill-paying service for certain clients. She currently serves four families in this role.

Industry regulations prohibit advisors from offering both investment management and personal bill paying to the same client. That means when clients want someone to manage their day-to-day financial lives, they must hire another person.

Usually, advisors will refer these clients to daily money managers. A relatively new category of professional service providers, daily money managers not only pay bills but also organize a client's tax documents, track expenses and help with other personal financial transactions.

Wiseman decided to jettison



Seemingly mundane financial tasks like paying bills and managing subscriptions are more important to many people than complicated asset planning.

ents so that she could serve a few of them exclusively in a bill-paying capacity.

'I said to my firm that I'll give up most of my book (of business),' Wiseman said. "I just want to take care of these people. As they get older, it's a need."

'Trust Is Everything'

Paying someone's bills fosters a more personal relationship. An outsider gets to peer inside the client's life, whether it's an overworked midcareer professional or an 80-year-old with early cognitive impairment.

"With something like this, trust is everything," said Wiseman, who lives in Huntsville, Ala. "With us, the trust was already there" with the families that sought her bill-paying service.

Wiseman regularly visits her billpay clients to collect their mail. From there, she sorts it into folders based on a filing system that she establishes for each of them.

She may make bank deposits for her clients and review insurance coverages on renewal notices. If a client submits an insurance claim, she navigates the process.

Automation helps streamline her work. She uses Bill.com, a bill payment platform, to save time as clients approve each payment online.

In terms of workload to pay bills, Wiseman finds that the first three months require more legwork to set up efficient bill-paying mechanisms. Once she gets everything up and running, it's a matter of ongoing support and vigilance.

"I also help clients combat fraud," she said. Because she monitors their bank and credit card state-

ments, she can spot irregularities. For example, older clients who employ home health aides might give their credit card to an aide to pay for groceries. Wiseman ensures that aides do not misuse the card for other purchases.

To avoid extraneous fees on a client's investment accounts and other services, Wiseman scans line items on bills and preauthorized debits from bank accounts and credit cards. She confirms accuracy and questions unfamiliar charges.

"Some people would never go look at their fee on one of their various accounts and say, 'That seems a little high," she said. "But fees can really add up if you're not checking

When she discovered that a client was paying \$283 a month for auto insurance on a vehicle he no longer owned, she promptly arranged to terminate the payment.

The intimate nature of their work to pay bills can embroil daily money managers in family disputes. Overseeing the expenditures of a wealthy octogenarian can cause younger generations of the clan to act out.

"The biggest thing is blended families," Wiseman said. Quarreling siblings — or a family member battling substance abuse - can vie for control over her client's money.

"So I might serve as the third party if my client doesn't want to be the bad guy," she said. "When asked about money, the client can say to their sister, 'I don't know. Ask Lisa.'"

Background Checks

Wiseman is a member of the American Association of Daily Money Managers, a national membership organization based in Bellefonte, Pa. To become certified by the association, daily money managers must pass a background check, complete an exam and participate in continuing education to maintain their status.

For those advisors who prefer to continue focusing on financial planning and portfolio management, they can help clients by vetting daily money managers and offering referrals. While their number remains fairly small, the bill manager profession has growth potential as people live longer and do not want to sift through their mail and deal with making pay-

some of her financial planning cli-MarketSmith TAKE YOUR PORTFOLIO TO **NEW HEIGHTS** IN 2022! Investors.com/ **MSNewYear** 4 weeks for \$29.95 save \$120

UNITED STATES DISTRICT COURT SOUTHERN DISTRICT OF NEW YORK

IN RE JPMORGAN TREASURY FUTURES SPOOFING LITIGATION

Case No.: 1:20-cv-03515 (PAE)

SUMMARY NOTICE OF PROPOSED CLASS ACTION SETTLEMENT

If you purchased or sold any U.S. Treasury Futures or Options on U.S. Treasury Futures on United States-based exchanges, including but not limited to the Chicago Mercantile Exchange, including its subsidiary the Chicago Board of Trade, from April 1, 2008, through January 31, 2016, your rights may be affected by a pending class action settlement and you may be entitled to a portion of the settlement fund.

This Summary Notice is to alert you to a proposed Settlement totaling \$15,700,000 (the "Settlement Amount") reached with JPMorgan Chase & Co., J.P. Morgan Clearing Corp. (now known as J.P. Morgan Securities LLC), J.P. Morgan Securities LLC, and J.P. Morgan Futures, Inc. (now known as J.P. Morgan Securities LLC) (collectively, "JPMorgan" or "Defendants") in a pending class action (the "Action"). JPMorgan maintains that it has good and meritorious defenses to the claims of liability and damages alleged in the

The United States District Court for the Southern District of New York (the "Court") authorized this Summary Notice and has appointed the lawyers listed below as Interim Co-Lead Class Counsel to represent the Settlement Class in this

Vincent Briganti LOWEY DANNENBERG, P.C. 44 South Broadway, Suite 1100 White Plains, NY 10601 Telephone: (914) 733-7221 vbriganti@lowey.com

Karen M. Lerner KIRBY MCINERNEY LLP 250 Park Avenue, Suite 820 New York, NY 10177 Telephone: (212) 371-6600 klerner@kmllp.com

Who is a member of the Settlement Class?

The proposed Settlement Class consists of all Persons and entities wherever located that transacted in U.S. Treasury Futures or Options on U.S. Treasury Futures on United States-based exchanges, including but not limited to the Chicago Mercantile Exchange, including its subsidiary the Chicago Board of Trade, from April 1, 2008 through January 31, 2016 (the "Class Period"). Excluded from the Settlement Class are: (i) the Defendants and any past or present parent, subsidiary, affiliate, or division of any Defendant, provided that any Investment Vehicle shall not be excluded from the Settlement Class, but under no circumstances may JPMorgan (or any of its past or present parents, subsidiaries, affiliates, or divisions) receive a distribution for its own account from the Settlement Fund through an Investment Vehicle; (ii) the United States Government; and (iii) any judicial officer presiding over this Action, and the members of his or her immediate family and judicial staff.

"U.S. Treasury Futures" means: (i) 2-year T-Note Futures; (ii) 3-year T-Note Futures; (iii) 5-year T-Note Futures; (iv) 10-year T-Note Futures; (v) Ultra 10-year T-Note Futures; (vi) U.S. Treasury Bond Futures; and (vii) Ultra U.S. Treasury Bond Futures. "Options on U.S. Treasury Futures" means any option on U.S. Treasury Futures.

The other capitalized terms used in this Summary Notice are defined in the detailed Notice of Proposed Class Action Settlement, May 31, 2022, Fairness Hearing Thereon, and Class Members' Rights ("Notice") and the Agreement, which are available www.treasuryfuturesclassactionsettlement.com.

If you are not sure if you are included in the Settlement Class, you can get including the detailed information, www.treasuryfuturesclassactionsettlement.com or by calling toll-free 1-877-888-8593 (if calling from outside the United States or Canada, call 1-414-921-0342).

What is this lawsuit about and what does the Settlement provide?

Class Plaintiffs allege that Defendants unlawfully and intentionally manipulated the prices of U.S. Treasury Futures or Options on U.S. Treasury Futures traded on United States-based exchanges, including but not limited to the Chicago Mercantile Exchange, including its subsidiary the Chicago Board of Trade, during the Class Period in violation of the Commodity Exchange Act, 7 U.S.C. §§ 1, et seq. and the common law.

JPMorgan maintains that it has good and meritorious defenses to Class Plaintiffs' claims and would prevail if the case were to proceed. Nevertheless, to settle the claims in this lawsuit, and thereby avoid the expense and uncertainty of further litigation, JPMorgan has agreed to pay a total of \$15,700,000 in cash for the benefit of the proposed Settlement Class. If the Settlement is approved, the Settlement Amount, plus interest earned from the date it was established (the "Settlement Fund"), less any Taxes, reasonable notice and administration costs, any Court-awarded attorneys' fees and litigation expenses and Incentive Awards for Class Plaintiffs, and any other costs or fees approved by the Court (the "Net Settlement Fund") will be divided among all Class Members who file valid Proof of Claim and Release Forms ("Claim Form").

If the Settlement is approved, the Action will be resolved against JPMorgan. If the Settlement is not approved, JPMorgan (as collectively defined above) will remain as Defendants in the Action, and Class Plaintiffs will continue to pursue their claims against Defendants.

Will I get a payment?

If you are a member of the Settlement Class and do not opt out, you will be eligible for a payment under the Settlement if you file a Claim Form. You may obtain more information at www.treasuryfuturesclassactionsettlement.com or by calling toll-free 1-877-888-8593 (if calling from outside the United States or Canada, call 1-414-921-0342).

Claim Forms must be postmarked by June 30, 2022, or submitted online at www.treasuryfuturesclassactionsettlement.com on or before 11:59 p.m. Eastern Time on June 30, 2022.

What are my rights?

If you are a member of the Settlement Class and do not opt out, you will release certain legal rights against JPMorgan and Released Parties as explained in the detailed Notice and Settlement Agreement, which are available at www.treasuryfuturesclassactionsettlement.com. If you do not want to take part in the proposed Settlement, you must opt out by April 18, 2022. You may object to the proposed Settlement, the Distribution Plan, and/or Interim Co-Lead Class Counsel's request for attorneys' fees, payment of litigation costs and expenses, and any Incentive Awards to Class Plaintiffs. If you want to object, you must do so by April 18, 2022. Information on how to opt out or object is contained in the detailed Notice, which is available www.treasury future sclass action settlement.com.

When is the Fairness Hearing?

The Court will hold a hearing at the United States District Court for the Southern District of New York, at the Thurgood Marshall U.S. Courthouse, located at 40 Foley Square, New York, NY 10007, on May 31, 2022 at 4:00 p.m. Eastern Time to consider whether to finally approve the proposed Settlement, Distribution Plan, the application for an award of attorneys' fees and payment of litigation costs and expenses, and the application for any Incentive Awards for the Class Plaintiffs. Given the current COVID-19 situation, the Court may conduct the Fairness Hearing remotely. You or your lawyer may ask to appear and speak at the hearing at your own expense, but you do not have to. Any changes to the time and place of the Fairness Hearing, or other deadlines, will be posted to www.treasuryfuturesclassactionsettlement.com as soon as is practicable.

For more information, call toll-free 1-877-888-8593 (if calling from outside the United States or Canada, call 1-414-921-0342) or visit www.treasuryfuturesclassactionsettlement.com.

> **** Please do not call the Court or the Clerk of the Court for information about the Settlement. *

EXHIBIT E

MARKET CHECK · Updated on 5 hours ago

Nasdaq enters correction, oil nears \$87

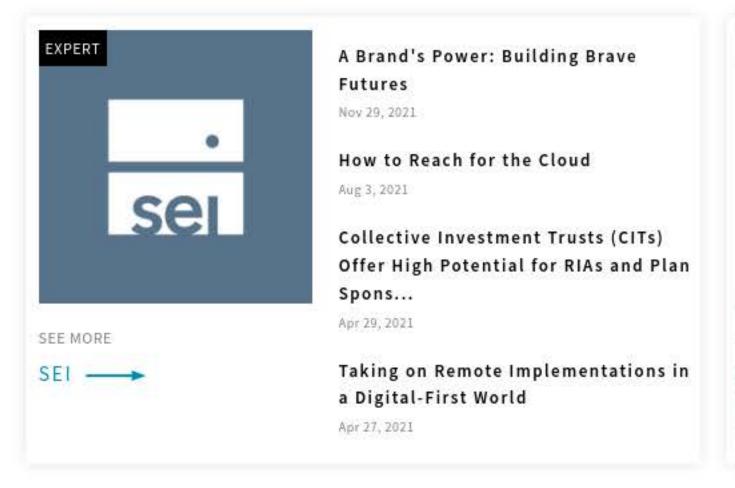
The Nasdaq is off 10% after hitting 16,057.44



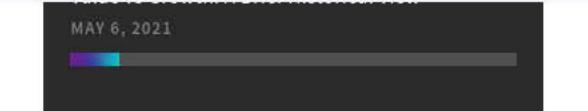














ALL AUTHORS ---



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Nov 23 (Reuters) - A federal jury on Tuesday found that pharmacy chain operators CVS Health Corp (CVS.N), Walgreens Boots Alliance Inc (WBA.O) and Walmart Inc (WMT.N) helped fuel an opioid epidemic in two Ohio counties, in the first trial the companies have faced over the U.S. drug crisis. read more

The following is a list of major companies that were alleged to have contributed to the crisis and the legal settlements or judgments involving those companies. The companies have denied the allegations.

DRUG DISTRIBUTORS

Cardinal Health Inc (CAH.N), AmerisourceBergen Corp (ABC.N) and McKesson Corp (MCK.N)

-Agreed in July to a proposed \$21 billion settlement with U.S. state attorneys general and lawyers representing local governments to settle thousands of

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Europe

Sputnik V shows higher Omicron-antibody levels than Pfizer in preliminary study



Future of Health

Dozens of firms to make cheap version of Merck COVID pill for poorer nations



Europe

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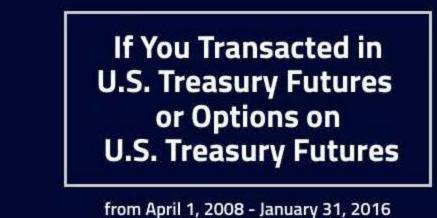
Americas

U.S. preparing for possible future COVID variants -White House









Your Rights May Be Affected by a Pending Class Action Settlement



November 24, 2021 5:11 AM GMT+8 Last Updated 2 months ago

Healthcare & Pharmaceuticals

Factbox: Pharmacies, drug companies in litigation over role in U.S. opioid crisis

Reuters

3 minute read













Europe

Sputnik V shows higher Omicron-antibody levels than Pfizer in preliminary study



Future of Health

Dozens of firms to make cheap version of Merck COVID pill for poorer nations



Europe

Sweden eases quarantine rules, key workers exempted as Omicron rages





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If You Transacted in U.S. Treasury Futures or Options on U.S. Treasury Futures

Your Rights
May Be Affected
by a Pending
Class Action
Settlement

TreasuryFuturesClassActionSettlement.com

Learn More
Here >

from April 1, 2008 - January 31, 2016







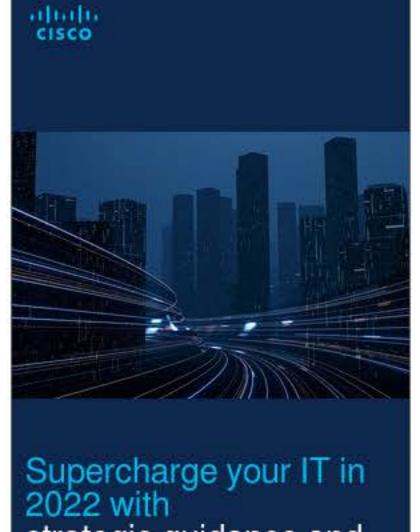


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EXHIBIT F

If you transacted in U.S. Treasury Futures or Options on U.S. Treasury Futures from April 1, 2008 - January 31, 2016. Your rights may be affected by a class action settlement. Learn more today.



U.S. Treasury Futures Class Action

treasuryfuturesclassactionsettlement.com

EXHIBIT G

This official website is maintained by the Settlement Administrator retained and supervised by Class Counsel for the Settlement Class Members in the action consolidated within *In re JPMorgan Treasury Futures Spoofing Litigation, Case No.* 1:20-cv-03515 (PAE)(S.D.N.Y.) pending in the United States District Court for the Southern District of New York.

The information contained on this web page is only a summary of information presented in more detail in the Notice, which you can access by clicking here (/docs/JPM TREASURIES - LONG FORM NOTICE_Final v2.pdf). Since this website is just a summary, you should review the Notice and Settlement Agreements for additional details.



(/Online)

Your legal rights are affected even if you do nothing. Please read the Notice carefully.

IF YOU TRANSACTED IN U.S. TREASURY FUTURES OR OPTIONS ON U.S. TREASURY FUTURES ON UNITED STATES-BASED EXCHANGES, INCLUDING BUT NOT LIMITED TO THE CHICAGO MERCANTILE EXCHANGE, INCLUDING ITS SUBSIDIARY THE CHICAGO BOARD OF TRADE, FROM APRIL 1, 2008 THROUGH JANUARY 31, 2016 (THE "CLASS PERIOD"), YOU MAY BE ENTITLED TO A PAYMENT FROM A CLASS ACTION SETTLEMENT

YOUR LEGAL RIGHTS AND OPTIONS IN THESE SETTLEMENT

YOUR LEGAL RIGHTS AND OPTIONS IN THESE SETTLEMENT			
DO NOTHING	If you do nothing in connection with this Settlement, you will receive no payment from the Settlement and you will be bound by past and any future Court rulings, including rulings on the Settlement, if approved, and the settlement release. See question 18 in the Notice for more information.		
FILE A CLAIM FORM	The only way to receive your share of the Net Settlement Fund is to complete and electronically submit a timely and valid Claim Form to the Settlement Administrator by no later than June 30, 2022, or to mail your completed Claim form so that it is postmarked no later than June 30, 2022. See question 12 in the Notice for more information.		
EXCLUDE YOURSELF FROM THE SETTLEMENT	If you wish to exclude yourself from the settlement, you must submit by U.S. first class mail (or, if sent form outside the U.S., by a service that provides for guaranteed delivery within five (5) or fewer calendar days of mailing) or deliver a written request to the Settlement Administrator so that it is received by April 18, 2022. – If you exclude yourself, you will not be bound by the Settlement, if approved, or settlement release, and you will not be eligible for payment from the Settlement. See questions 19 – 23 in the Notice for more information.		
OBJECT TO THE SETTLEMENT	If you wish to object to the Settlement, you must file a written objection with the Court and serve copies on Interim Co-Lead Class Counsel and JPMorgan's Counsel so that it is received by April 18, 2022. You must be and remain within the Settlement Class in order to object. See Questions 24 and 25 in the Notice for more information.		
GO TO THE FAIRNESS HEARING	You may ask the Court for permission to speak about the Settlement at the Fairness Hearing by including such a request in your written objection, which you must file with the Court and serve on Interim Co-Lead Class Counsel and JPMorgan's Counsel so that it is received by April 18, 2022. The Fairness Hearing is scheduled for May 31, 2022. See questions 28 – 30 in the Notice for more information.		
APPEAR THROUGH AN ATTORNEY	You may enter an appearance through your own counsel at your own expense. See question 30 in the Notice for more information.		

Any change by the Court of the Plan of Distribution, the time and place of the Final Approval Hearing, or any other matter and all further orders or requirements by the Court will be posted on this website as soon as practicable.

It is important that you refer to this website as no other notice may be published of such changes.

Commodities Brokers and other Nominees: Please visit the Institutional E-Filing (/Home/ElectronicFiling) page of this website.

If you have questions, you may call the Settlement Help Line at 877-888-8593, or email info@treasuryfuturesclassactionsettlement.com (mailto:info@treasuryfuturesclassactionsettlement.com)





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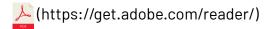


Notice

This official website is maintained by the Settlement Administrator retained and supervised by Class Counsel. Please use the links below to obtain a copy of the Notice mailed to potential Settlement Class Members and a copy of the Summary Notice that was issued.

- Notice of Class Action Settlement (/docs/JPM TREASURIES LONG FORM NOTICE_Final v2.pdf)
- Summary Notice (/docs/Summary Notice.pdf)
- Postcard Notice-Treasury Futures Class Action (/docs/Postcard Notice-Treasury Futures Class Action.pdf)

Note: These documents are in PDF format. To view the documents, you will need **Adobe Acrobat Reader (https://get.adobe.com/reader/)** on your computer or other internet-enabled device.



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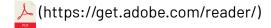


Proof Of Claim and Release

This official website is maintained by the Settlement Administrator retained and supervised by Class Counsel. Please use the link below to obtain a copy of the Proof of Claim and Release form.

 Proof of Claim and Release (/docs/JPM TREASURIES - PROOF OF CLAIM & RELEASE.pdf)

Note: These documents are in PDF format. To view the documents, you will need **Adobe Acrobat Reader (https://get.adobe.com/reader/)** on your computer or other internet-enabled device.



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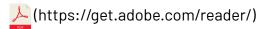


Court Documents

This official website is maintained by the Settlement Administrator retained and supervised by Class Counsel. Below are links to certain Court documents related to the Settlements.

- Order Approving New Hearing Date (/docs/Order Approving New Hearing Date.pdf)
- Letter Regarding Fairness Hearing (/docs/Letter Regarding Fairness Hearing.pdf)
- Order Preliminarily Approving Proposed Settlement, Scheduled Hearing for Final Approval Thereof, and Approving the Proposed Form and Program of Notice to the Class (/docs/Order Preliminarily Approving Proposed Settlement.pdf)
- Class Plaintiffs' Memorandum of Law in Support of Motion for Preliminary Approval
 of a Class Action Settlement with JPMorgan Chase & Co., J.P. Morgan Clearing
 Corp., J.P. Morgan Securities LLC, and J.P. Morgan Futures, Inc. (/docs/Class
 Plaintiffs Memorandum in Support.pdf)
- Stipulation and Agreement of Settlement (/docs/069-1_2021.09.22_Stipulation and Agreement of Settlement.pdf)
- CME Data Request and Waiver (/docs/CME Data Request and Waiver.pdf)

Note: These documents are in PDF format. To view the documents, you will need **Adobe Acrobat Reader (https://get.adobe.com/reader/)** on your computer or other internet-enabled device.



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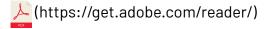
Electronic Filing

This official website is maintained by the Settlement Administrator retained and supervised by Class Counsel. Please see below for links to documents that will help you file a claim electronically.

Electronic claims filing applies to entities that are filing multiple Proof of Claim and Release forms on behalf of themselves and/or others. Electronic claims filings are subject to rejection if not prepared in compliance with these electronic claims filing guidelines.

- Electronic Claims Filing Guidelines (/docs/JPM Treasury Futures Electronic Filing Guidelines v2.pdf)
- Electronic Claims Filing Template (/docs/JPM Treasury Futures Electronic Filing Template.xlsx)

Note: These documents are in PDF format. To view the documents, you will need **Adobe Acrobat Reader (https://get.adobe.com/reader/)** on your computer or other internet-enabled device.



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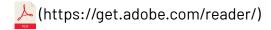


Plan Of Distribution

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Plan Of Distribution (/docs/JPM - TREASURIES - PLAN OF DISTRIBUTION.pdf)

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Contact Information

This official website is maintained by the Settlement Administrator retained and supervised by Class Counsel.

JPMorgan Treasury Futures Class Action Settlement c/o A.B. Data, Ltd. P.O. Box 173083 Milwaukee, WI 53217

Toll-Free Number: 1-877-888-8593

E-mail: info@treasuryfuturesclassactionsettlement.com (mailto:info@treasuryfuturesclassactionsettlement.com)

Remember to include "JPMorgan Treasury Futures Spoofing Litigation" on any correspondence, envelope, and/or subject line.

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