#### UNITED STATES DISTRICT COURT SOUTHERN DISTRICT OF NEW YORK

IN RE:

COMMODITY EXCHANGE, INC., GOLD FUTURES AND OPTIONS TRADING LITIGATION Case No. 14-MD-2548 (VEC) 14-MC-2548 (VEC)

Hon. Valerie E. Caproni

This Document Relates To All Actions

#### DECLARATION OF JEANNE C. FINEGAN, APR CONCERNING IMPLEMENTATION OF CLASS MEMBER NOTIFICATION

I, JEANNE C. FINEGAN declare as follows:

#### **Introduction**

1. I am Managing Director and Head of Kroll Notice Media Solutions ("Kroll Media") an affiliate company of Kroll Settlement Administration ("Kroll") f/k/a Heffler Claims Group LLC. This Declaration is based upon my personal knowledge as well as information provided to me by my associates and staff, including information reasonably relied upon in the fields of advertising media and communications.

2. Pursuant to the Orders Preliminarily Approving the Settlements and Certifying the Settlement Class ("Order"), paragraph 13, dated February 12, 2021, Heffler Claims Group (now known as Kroll Settlement Administration) was appointed as the Settlement Administrator to handle administrative duties for the complete implementation of the Settlement Agreements and instructions from the Court, such as claims review and validation, calculation of allowed

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distributions based upon the approved Plan of Allocation, and distribution of these funds to approved valid claimants. Further, Kroll Media was engaged by the parties to this litigation to develop and implement a legal notice program as part of the parties' proposed class action settlement, the notice program that was preliminary approved by the Court.

3. The purpose of this Declaration is to provide a report concerning the successful implementation of the notice program for these settlements, which commenced on March 22, 2021, and was substantially completed on May 5, 2021.

4. The notice program employed best-in-class tools and technology to reach members of the targeted Class multiple times, through eight (8) methods of notice: direct mail, email, print, online display, e-newsletters, email blasts, search and social impressions with cross-device targeting on desktop, mobile and tablet, a press release, a settlement website and a toll-free number.

#### **NOTICE PROGRAM SUMMARY**

5. Pursuant to the Settlement Agreements, §II paragraph 3, the Settlement Class is

defined as:

All persons or entities who during the period from January 1, 2004 through June 30, 2013, either (A) sold any physical gold or financial or derivative instrument in which gold is the underlying reference asset, including, but not limited to, those who sold (i) gold bullion, gold bullion coins, gold bars, gold ingots, or any form of physical gold, (ii) gold futures contracts in transactions conducted in whole or in part on COMEX or any other exchange operated in the United States, (iii) shares in Gold exchange-traded funds ("ETFs"), (iv) gold call options in transactions conducted over-the-counter or in whole or in part on COMEX or any other exchange operated in the United States; (v) gold spot, gold forwards, or gold swaps over-the-counter; or (B) bought gold put options in transactions conducted over-the-counter or in part on COMEX or on any other exchange operated in the United States.

Excluded from the Settlement Class are Defendants, their officers, directors, management, employees, affiliates, parents, subsidiaries, and co-conspirators, whether or not named in the Action, and the United States Government, and other governments. Also excluded is the Judge presiding over this action, his or her law

clerks, spouse, and any person within the third degree of relationship living in the Judge's household and the spouse of such a person.

- 6. The Notice Plan included the following components:
- Direct notice to Settlement Class Members and broker/dealers in gold and gold instruments;
- Print publication once in eight newspapers and trade publications targeted to reach Settlement Class Members;
- Online display banner advertising specifically targeted to reach Settlement Class Members;
- Keyword Search targeting Settlement Class Members;
- Social media targeting of Settlement Class Members through Facebook and Instagram;
- E-newsletters targeted to reach Settlement Class Members;
- Email blasts targeted to reach Settlement Class Members;
- A press release across PR Newswire's National Newslines with additional targeting to finance influencers;
- An informational website on which the notices and other important Court documents will be posted; and
- A toll-free information line by which Settlement Class Members can call 24/7 for more information about the Settlements, including, but not limited to, requesting copies of the Long Form Notice or Claim Form.

#### **Direct Notice to Class Members and Broker/Dealers**

7. One method for outreach in this matter was through direct mailed notice. Kroll received DB and HSBC data from Plaintiffs' Counsel along with a separate list of large traders with reportable positions during the Class Period obtained from the CME. The data included contact information for Settlement Class Members, including name and physical mailing addresses.

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8. Kroll compiled and deduped the data into a dedicated database which would house all communications with Class Members as well as their claim information. Kroll updated all address information it received through the National Change of Address database maintained by the U.S. Postal Service. This database is a compilation of all address changes that the U.S. Postal Service is notified of and is kept for four years. By doing so, Kroll sent to the most current known address for Class Members.

9. Kroll mailed via First Class Mail 11,668 Notices of Proposed Class Action Settlements and Class Members' Rights with a copy of the Proof of Claim and Release Form to all potential class members for whom it received contact information on March 15, 2021.

10. In addition to direct notice mailed to Settlement Class Members, on March 15, 2021, Kroll also caused Notices to be sent to 1,830 Brokers, Financial Advisors and other institutions ("Institutions") on Kroll's mailing list. These Institutions are major commercial banks or are brokerage firms that responded in a previous matter and are typically sent a notice in securities class actions administered by Kroll to ensure that the Notice has been disseminated widely.

11. In response to the mailings to Nominees and Institutions, Kroll received several requests to send Notices to identified potential Class Members and/or requests for Notices in bulk. Working closely with counsel, Kroll attempted to "vet" the larger requests, and inquire about the availability of e-mail addresses instead. We learned that many of these additional requests were being made in connection with "ETF" customer lists. We also learned that some of the search methodologies had flaws and attempted to have the lists cut down as a result, but were not always successful in finding ways to reduce the lists in a way that was not burdensome to the third party and/or would not risk leaving potential class members out. Working closely with counsel,

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eventually in an abundance of caution and in accordance with the Court's order, an additional 205,201 Notices were mailed by Kroll at the request of third parties, and another 88,726 were provided to the third parties who wanted to mail them directly.

12. It is my understanding that additional notices were also mailed by Rust Consulting, which was contracted by certain Defendants for instances they deemed necessary to keep confidential certain members of the Settlement Class pursuant to bank secrecy laws, data privacy laws, and/or similar confidentiality protections.

13. Kroll has received approximately 1,231 mailings as undeliverable. A skip trace was performed, through an information supplier to which Kroll subscribes on the Notice Packets with a U.S. address that were returned as undeliverable without a forwarding address from the United States Postal Service ("USPS"). For undeliverable Notice Packets with a non-U.S. address, Kroll is conducting online research in an effort to obtain updated addresses. As a result of these efforts, Kroll has remailed 181 Notice Packets to potential members of the Settlement Class. Kroll will continue to research efforts and apply this process to future undeliverable mail.

#### **Print Publications**

14. The print publications below were selected for their contextual relevance or index against the target audience characteristics.

15. *Investor's Business Daily* is a weekly newspaper with a circulation of 91,371. The summary notice was published once on March 22, 2021, as a 1/4 page, black-and-white ad.

16. *Wall Street Journal* is a daily newspaper with a circulation of 994,600. The summary notice was published once on March 22, 2021, as a custom-size, black-and-white ad.

17. *Financial Times* is a daily newspaper with a circulation of 183,904. The summary notice was published once on March 22, 2021, as a custom-size, black-and-white ad.

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18. *Barron's* is a weekly magazine with a circulation of 268,223. The summary notice was published once on March 22, 2021, as a half-page, black-and-white ad.

19. *Stocks & Commodities* is a monthly magazine with a circulation of 60,600. The summary notice was published once, on April 8, 2021, as a 2/3 page, black-and-white ad.

20. *Grant's Interest Rate Observer* is a bi-weekly publication with a circulation of 6,200. The summary notice was published once on April 2, 2021, as a full-page, black-and-white ad.

21. *Hedge Fund Alert* is a weekly digital publication with a circulation of 10,000. The summary notice was published once on March 24, 2021, as a full-page, black-and-white ad.

22. *Manufacturing Jewelers & Suppliers of America Journal* is a monthly magazine with a circulation of 5,000. The summary notice was published once on April 8, 2021, as a full-page, black -and -white ad. Attached as **Exhibit A** are tear sheet proofs of publication.

#### **Publication Elements: Online Display and Social Media**

23. Over 40 million online display and social media impressions were served to this target group across a whitelist of pre-vetted websites,<sup>1</sup> multiple exchanges, and the social media platforms Facebook and Instagram.

24. Keyword search targeting was employed to show advertisements to users in their Google search results. A list of search topics related to the settlement—including gold commodity exchange settlement, gold class action, gold litigation, Deutsche Bank class action, Deutsche Bank settlement, HSBC class action, HSBC settlement, among others—were applied. Kroll also used

<sup>&</sup>lt;sup>1</sup> This campaign employed a programmatic approach across multi-channel and inventory sources, including a collection of premium-quality partner web properties targeting "*People with a finance interest in gold*" and a custom whitelist of finance, investment, and trade websites.

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pixel retargeting to provide additional reminders for those who visited the website and did not complete a claim form.

#### Social Media: Facebook and Instagram

25. On Facebook and Instagram, the Notice Program targeted people who have liked or followed finance pages such as *The Motley Fool, Investing.com, MarketWatch, Morningstar, Seeking Alpha, TheStreet, The Wall Street Journal, Yahoo Finance, Bloomberg,* and *Financial Times.* Ads appeared in the newsfeeds and other premium placements when a user is logged into their Facebook or Instagram profile. Further, the social media campaign included retargeting to users who visit the settlement website, www.GoldFixSettlement.com. Copies of the online display and social media ads are attached as **Exhibit B**.

#### **E-Newsletters**

26. The Notice Plan provided e-newsletter notice, with one insertion in *Zacks Profit from the Pros* on April 27, 2021, one insertion in *Stocks and Commodities Tech Traders* on March 25, 2021. A total of 40 insertions ran in *Global Investor Group* from April 1, 2021 through May 5, 2021. Lastly, a total of seven insertions ran in *Barchart.com* between March 24, 2021 and April 5, 2021. Attached as **Exhibit C** are copies of the e-newsletter ads.

#### Email Blasts

27. On March 23, 2021 the Notice Plan provided email blasts through *Stocks* & *Commodities* and on April 28, 2021, through *Zacks*<sup>2</sup>.

<sup>&</sup>lt;sup>2</sup> Email blasts are dedicated emails with customer content regarding the Settlements and are sent to lists of opt-in subscribers.

#### Press Release and Resulting News Mentions

28. On March 22, 2021, A press release was issued over PR Newswire's US1 Newslines. Approximately 100 news mentions of the settlements have resulted from the press release. Attached as **Exhibit D** is a copy of the pick-up report.

#### **Official Settlement Website**

29. On March 15, 2021, an informational website was established and continues to be maintained by Kroll at www.GoldFixSettlement.com. All of the aforementioned methods of notice directed potential class members to this website. The website served as a "landing page" for the banner advertising, where class members may get information about the Settlements and obtain and/or submit a Claim Form, along with information about the class action, class members' rights, the notice, answers to frequently asked questions (which are updated as necessary), contact information that includes the address for the Claim Administrator and addresses and telephone numbers for Plaintiffs' Co-Lead Counsel, and a downloadable and online version of the Claim Form. The website also provides links to the Settlement Agreements, Court Orders, the Third Amended Class Complaint, and will be updated with their filing to also include Plaintiffs' motion for approval of fees and expenses, as well as information regarding Class Representative incentive compensation. As of June 8, 2021, 13,825 user sessions have occurred with 18,920 page views.

#### **Toll-Free Information Line**

30. On March 15, 2021, Kroll opened a 24-hour toll-free Interactive Voice Response ("IVR") telephone line, where callers may obtain information about the class action, including, but not limited to, requesting copies of the notice or Claim Form. As of June 9, 2021, a total of 539 callers have used the IVR. Kroll also trained live operators to handle questions on the Settlements and about the claims process. As of June 9, 2021, 269 callers have talked with a live operator.

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31. Additionally, Kroll has spent hours working with brokers and dealers answering their questions and assisting them with the claims process and collection of the data for their potential Class Member claims.

#### **Conclusion**

32. In my opinion, the outreach efforts described above reflected a particularly appropriate, highly targeted, and contemporary way to employ notice to this class. In compliance with the Court's Order all media published within the schedule and timeframe ordered. We exceeded our original estimated impressions, to over 40 million impressions.<sup>3</sup> In my opinion, the efforts used in this proposed Notice Plan are of the highest modern communication standards, are reasonably calculated to provide notice, and are consistent with best practicable court-approved notice programs in similar matters and the Federal Judicial Center's guidelines concerning appropriate reach.

I declare under the penalty of perjury, under the laws of the United States of America, that the foregoing is true and correct. Executed on July 6, 2021, in Tigard, Oregon.

Jeanne Corregan

Jeanne C. Finegan, APR

<sup>&</sup>lt;sup>3</sup> An impression is a metric used to quantify the number of digital views of an ad, digital post or web page. Impressions are opportunities to view an ad. Broadly, one impression is equal to each occurrence of an ad being loaded on to a user's browser.

## Exhibit A

#### INVESTORS.COM

#### MUTUAL FUND PERFORMANCE nd-02548-VEC Document 562-1 Filed 07/09/21 Page 2 of 12 Case 1:14

**GROWTH FUNDS VS. VALUE FUNDS** SMALL-CAP GROWTH FUNDS VS. BIG-CAP GROWTH FUNDS Largest positions of funds in Growth Index: Ultragenyx Microsoft IdexxLabs Freshpe 
 Funds in Small-Cap Index:
 Largest positions of funds in Small-Cap Index:

 Federated Kaufmann R
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 BJSRestrnt StaarSurg
 DocuSign

 Fidelity Advisor Small Cap
 FstCitz
 Maximus
 Freshpet
 Ultragenyx

 Franklin Small-mid Cap
 Element
 IIVI
 TwilioInc
 Shopify

 Lwong Small Cap Equity Instit
 LPLFncl
 Magnite
 Synopsys
 Veeva Sys A
 Funds in Growth Index: Federated Kaufmann R Ultrag Franklin Small-mid Cap Shopif Lkcm Small Cap Equity Instl Vanguard Growth Index Corcer Victory Rs Large Cap Alpha A Apple Ultragenyx Microsoft Shopify Amazon Veeva Sys A Facebook CorceptTh TwilioInc Freshpet EstabLabs BJSRestrnt IdexxLabs DocuSign Franklin Small-mid Cap Lkcm Small Cap Equity Instl Nuveen Small Cap Growth Magnite Synopsys IdexxLabs Upwork StaarSurg Maximus Upwork CorceptTh Synopsys IIVI 290 275 265 255 245 outperforming Big-0 ming Value Funds Cap Growth Fu JAN 2021 JAN 2021

#### Top Growth Funds То Last

Last 3 months (all total returns)

Last 3 m	onths la	all total re	eturnsj			Last 36 n
Mutual Fund			Per % Change Last 3 Mo		\$ Net Assets	Mutual Fund
Kinetics Ir	nternet		+48		224 mil	Baron Ret
Dimensio		licroCap	+25		7.386 bil	Lord Abbe
DWS Fund	ds S Sma	allCapCor	+24	+B	364 mil	Buffalo Fu
Legg Mas	on I Sm	CapEqI	+23	-B	183 mil	Amer Cen
BNY Mello	on Smal	lcpinx	+21	+B	2.7 bil	Fidelity B
Columbia	SmCplo	lxInst	+21	+B	3.7 bil	Fidelity G
AMG Fund		0 0	+21		193 mil	Vanguard
Principal					1.2 bil	PrncplFn
Dimensio			+21		20.533 bil	Delaware
Dimensio			+20		3.41 bil	ClearBrid
Russell Fi			+19		1.876 bil	Nuveen C
Legg Mas			+19 +18		2.4 bil 455 mil	Putnam A
JP Morga Oakmark			+10		455 mit 16.7 bil	Royce Gro
Natixis Oa			+10		184 mil	EdgeWoo
JP Morga					1.3 bil	PgimInve
TIAA-CRE					3.3 bil	BlackRoc
TIAA-CRE			•		3.3 bil	Kinetics I
Thrivent F					831 mil	Amana Gr
Nuveen C			+16	-A	132 mil	Vanguard
Fidelity Sr	nCpEnh	ıldx	+16		623 mil	Thrivent F
, Meridian I	•		+16	- A	589 mil	PrncplFn
Crossmar		0	CpEnh+	16 -B	286 mil	AMG Fund
Fidelity M	idCpStk	К	+16	+B	7.1 bil	Delaware
Fidelity M	idcapSt	ck	+16	+B	7.1 bil	Gabelli AA
U.S. Stock Fund	Cash Positi	on High	(11/00) 6.2%	Lo	w (12/20) 1.6%	36 Mo Performance
19-Aug	2.6%	20-Feb	2.3%	20-Au	a 1.9%	Rating   Fund
19-Sep	2.5%	20-Mar	2.7%	20-Se	5	A- WrldGrwl
						Calvert Group
19-0ct	2.5%	20-Apr	2.6%	20-0c		\$ 2.9 bil 800-36 A EquityC
19-Nov	2.4%	20-May	2.4%	20-No	v 1.8%	Carillon Family
19-Dec	2.1%	20-Jun	2.1%	20-De	c 1.6%	\$ 24.2 bil 800-42
20-Jan	2.3%	20-Jul	1.9%	20-Jar	n 1.6%	A- CapApprl
36 Mo	YTD 12Wk 5	'r Net	36 Mo	YTD 12W	c 5 Yr Net	A- CapitalAppA
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\$ 6.1 bil 800-992			A- OppsR		+99 71.35n +.34	A MidCapGrw A MidCapGrw
A+ Asset		110.08n +.68	BlackRock S			A MidCapGrw
A+ Discovery		36.95n +.38	\$ 34.8 bil 212			A SmallCapl
A+ Opportunity A+ RealEstate					-211 38.99n +.30	CGM Funds
A+ RealEscale Berkshire Fund		40.01h +.11	A SmCapGr Blackrock Fi		-142 20.76n +.27	\$ 1.3 bil 800-34 E Focus
\$ 915 mil 877-52	26-0707		\$ 143 bil 212			E Mutual
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\$ 5.9 bil 212-810 <b>A-</b> OppsSvc		73.53n +.35	E Strauncu E StrtIncOp		+15 10.34n +.00 +14 10.34 +.00	A MidCap b ClearBridge Inv
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C+ Glob Alloc		21.94 +.03			-119 16.56n +.06	A AcorUSA
A LarCapGrInv					-144 20.29n +.16	A- ContraCore
		77.52n +.37	A SmallCar		-147 35.07n +.28	A+ Conv Secs
A+ SmCapGr A- SmlCapIdx	+8 +5+140				-104 19.33n01	A GlobalEq
A- Silicapiux BlackRock BIRk		20.07h +.20	A- USEqFdZ BridBuild	+5 +4	+99 16.79n +.00	A LargeGrA A- LargeGrow
\$ 9.4 bil 212-810			\$ 49.6 bil 855	5-823-3611		A MidCapGrow
А СарАррК	-1 +0+162	40.55n +.05	A MidCapG	rwth+3 +2+	-151 17.54n +.12	A+ SelCom#Inf
BlackRock C	0 550/		Bridgeway F			A+ SelGlbTch
\$ 149 bil 212-81 <b>A-</b> AdvLarCap		17.08n +.05	\$ 2.8 bil 800-		+119 19.63n +.24	A SelLgGr A+ SmallGrl
A CapAppInvC			Brown Advis		"  7  7.UJ   <b>⊤</b> .24	A+ Technology
A+ EqInvC	-2 -3+199	28.54n +.22	\$ 9.2 bil 410-			Columbia C
A- EquityInvC		15.45n05			-142 29.83n +.24	\$ 95.2 bil 800-3
C GlobAlloc A- HealthInvB		19.49n +.03 62.74n +.29	A- EquityIn		-128 30.85n10	A+ ConvSecs A LargeGrow
A SmCapGr		6.18n +.09			-129 30.93n10 -149 32.10n +.12	A Largebrow
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plFnds GrowthIInst	+5 +A	3.1 bil A- EqtInst
Wood GrwthInstl	+1 +A	28.1 bil A- EquityF
Invest JnsnMdCpGrA	+1 +A	3.1 bil \$ 159 bil 21
kRock Instl CapGrInstl	+8 +A	1.1 bil E Return
tics Internet		224 mil E TotRtrn
na GrowthInv	+0 A	2.8 bil Dreyfus
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Group	A- ContrarCore +6 +7+102	33.03n +.01 Driehaus F
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/ Secs +4 +4+157 31.15 +.24	\$ 20.9 bil 877-693-3546	A Grwthlr
alEq 0 +2+126 17.48 +.06	A SelectGrow 0 -3 +86	16.32n +.29 A Grwthlr
eGrA +2 +3+139 52.78 +.32	CELT FIL 977 409 2544	
eGrow +2 +3+111 10.66 +.08	\$ 55.1 bil 877-693-3546 <b>A-</b> GrwEquity +6 +7+114	14.99 +.12 FAM Funds
CapGrow +2 +1+116 27.50 +.30		37.16 +.66 \$ 2.0 bil 80
om#Inf +10+11+237 114.61 +.72 IbTch +9+10+242 64.15 +.42	A+ SMIDCapGrow-1 -4+223	
lbTch +9+10+242 64.15 +.42 gGr -3 -2+142 13.49 +.09	<b>A</b> USGrowth -3 -3+110	
yui -J -Z+14Z 10.47 +.07	Delaware C	\$ 46.0 bil 8
IGrI +4 +2+260 21 12 + 25	Delawale G	A Kaufma
llGrl +4 +2+260 31.12 +.25 nology +1 +1+273 58.83 +.27	\$ 36.2 bil 877-693-3546	
llGrl +4 +2+260 31.12 +.25 inology +1 +1+273 58.83 +.27 ia C	\$ 36.2 bil 877-693-3546	19.58n +.08 A+ KaufSm
nology +1 +1+273 58.83 +.27	\$ 36.2 bil 877-693-3546 <b>A</b> GrowthC -3 -3 +99 <b>A-</b> LrgCpGrow -1 +0+121	17.46n +.07 Federated
nology +1 +1+273 58.83 +.27 ia C il 800-345-6611	\$ 36.2 bil 877-693-3546 <b>A</b> GrowthC -3 -3 +99 <b>A</b> - LrgCpGrow -1 +0+121 <b>A</b> + SMIDCapGrow-1 -4+185	17.46n +.07 Federated
nology +1 +1+273 58.83 +.27 <b>ia C</b> il 800-345-6611	\$ 36.2 bil 877-693-3546 <b>A</b> GrowthC -3 -3 +99 <b>A</b> - LrgCpGrow -1 +0+121 <b>A</b> + SMIDCapGrow-1 -4+185 <b>Delaware Instl</b>	17.46n +.07 15.18n +.33 <b>Federated</b> \$ 80.8 bil 8 <b>A-</b> CapGro
nology +1 +1+273 58.83 +.27 ia C il 800-345-6611 /Secs +4 +3+150 31.07n +.24 eGrow -3 -3+128 10.08n +.06 apGrow +2 +2+128 40.31n +.24	\$ 36.2 bil 877-693-3546 A GrowthC -3 -3 +39 A- LrgCpGrow -1 +0+121 A+ SMIDCapGrow-1 -4+185 Delaware Inst! \$ 40.1 bil 877-693-3546	17.46n +.07 15.18n +.33 <b>Federated</b> \$ 80.8 bil 8 <b>A-</b> CapGro <b>A</b> Kaufma
nology +1 +1+273 58.83 +27 ia C 11 800-345-6611 VSecs +4 +3+150 31.07n +24 efforw -3 -3+128 10.08n +.06 apGrow +2 +2+128 40.31n +24 CapGr +2 +0+105 19.95n +21	\$ 36.2 bil 877-693-3546 <b>A</b> GrowthC -3 -3 +99 <b>A</b> - LrgCpGrow -1 +0+121 <b>A</b> + SMIDCapGrow-1 -4+185 <b>Delaware Inst!</b> \$ 40.1 bil 877-693-3546 <b>A</b> LargeCap -1 +0+133	17.46n         +.07         Federated           15.18n         +.33         \$ 80.8 bil 8           A-         CapGro         A Kaufma           22.27         +.08         A+ KaufSm
nology +1 +1+273 58.83 +27 ia C 11 800-345-6611 VSecs +4 +3+150 31.07n +24 eGrow -3 -3+128 10.08n +.06 apGrow +2 +2+128 40.31n +24 CapGrow +2 +2+126 45.32n +.21 Com#Inf+10+11+216 65.32n +.41	\$ 36.2 bil 877-693-3546 A GrowthC -3 -3 +99 A LrgCpGrow -1 +0-121 A + SMIDCapGrow-1 +4.185 Delaware Inst \$ 40.1 bil 877-693-3546 A LargeCap -1 +0+133 36 Mo YID 12Wk 5 YK	17.46n         +.07         Federated           15.18n         +.33         \$80.8 bil 8           A-         CapGro         A           22.27         +.08         A+           Net         36 Mo
nology +1 +1+273 58.83 +27 <b>ia C</b> ii 800-345-6611 Xsecs +4 +3+150 31.07n +24 eGrow -3 -3+128 10.08n +0.6 apGrow +2 +2+128 40.31n +24 2,967 +2 +0+105 19.95n +21 Com#Inf+10+11+216 65.32n +41 IbTch +9+10+225 44.27n +28	\$ 36.2 bil 877-693-3546 A GrowthC -3 -3 +99 A- LrgCpGrow -1 +0+121 A+ SMIDCapGrow-1 -4+185 Delaware Inst! \$ 40.1 bil 877-693-3546 A LargeCap -1 +0+133 36 Mo YD 12WK 5YI Performance W 10 4WK 5YI Performance W 10 4WK 5YI	17.46n +.07 15.18n +.33 15.18n +.33 A- CapGro A Kaufma 22.27 +.08 Net r Asset NAV Performance
nology +1 +1+273 58.83 +27 ia C ii 800-345-6611 Skess +4 +3+150 31.07n +24 eGrow -3 -3+128 10.08n +.06 apGrow +2 +2+128 40.31n +24 apGr +2 +0+105 19.95n +21 Com#Inf+10+11+216 65.32n +.41 IbTch +9+10+225 44.27n +28 nology 0 +1+260 51.80n +23	\$ 36.2 bil 877-693-3546 A GrowthC -3 -3 +99 A LrgCpGrow -1 +0-121 A + SMIDCapGrow-1 +4.185 Delaware Inst \$ 40.1 bil 877-693-3546 A LargeCap -1 +0+133 36 Mo YID 12Wk 5 YK	17.46n +.07 15.18n +.33 15.18n +.33 A- CapGro A Kaufma 22.27 +.08 Net r Asset NAV Performance
nology +1 +1+273 58.83 +27 <b>ia C</b> ii 800-345-6611 Xsecs +4 +3+150 31.07n +24 eGrow -3 -3+128 10.08n +0.6 apGrow +2 +2+128 40.31n +24 2,967 +2 +0+105 19.95n +21 Com#Inf+10+11+216 65.32n +41 IbTch +9+10+225 44.27n +28	\$ 36.2 bil 877-693-3546 A GrowthC -3 -3 +99 A- LrgCpGrow -1 +0+121 A+ SMIDCapGrow-1 -4+185 Delaware Inst! \$ 40.1 bil 877-693-3546 A LargeCap -1 +0+133 36 Mo YD 12WK 5YI Performance W 10 4WK 5YI Performance W 10 4WK 5YI	17.46n +.07 15.18n +.33 15.18n +.33 A- CapGro A Kaufma 22.27 +.08 Net r Asset NAV Performance

36 Mo A+ SmallFunds +5 +2 .. Federated Hermes B \$ 24 9 bil 800-245-5051 Federated Hermes C \$ 39.2 bil 800-245-5051 Federated Hermes Inst \$ 42.1 bil 800-245-5051 A- Kaufmann -1 -4 YTD 12Wk 5Yr Net Asset NAV After Fidelity g | Fund | Chg | Chg | Tax Rtn | Value | Chg \$ 68.8 bil 800-343-3548 electGrow 0 -3+114 43.67n +.77 midCapGrwt -1 -4+235 64.04n +1.4 mICpGrow +7 +6+185 20.81n +.26 Fidelity Adv A ISGrowth -3 -3+114 29.66n + 12 \$ 146 bil 800-343-3548 SCHE Asst & Wealth A- BiotechM bil 800-621-7705 gCpFocGrw -2 -2+155 71.73n +.31 A+ EquityGr ensional Funds 0 bil 512-306-7400 A- LevCoStk SustUSCor1 +7 +8+119 32.08n +.02 A+ SeriesEqGr +1 +3+115 28.06n -.04 JSLCpGr A- StkSelAll ISI aCo +5 +6+107 29.43n -.01 qe&Cox Fidelity Adv C 2 bil 800-621-3979 \$ 146 bil 800-343-3548 -3 -2 +23 14.25n +.01 ncome A- Advisor ntlStock +9+11+58 47.78n +.15 +16+18 +93 223.90n -.30 nini Soc Inv bil 800-762-6814 0 +1+101 30.44n +.06 qtInstI auitvR 0 +1 +75 30.49n +.05 Fidelity Adv I bleline Funds \$ 149 bil 800-343-3548 9 bil 213-633-8200 leturnBdl -2 -1 +11 10.49n +.00 fotRtrnBndN -2 -2 +10 10.48n +.00 .2 bil 800-346-8893 Apprciatn +2 +4 +95 40.17n -.01 -1 -1+142 20.20 +.15 lesearch SustinUSEqt +3 +4 +97 16.28 -.01 WIdWdGrwthC+2+4 +92 55.71n -.07 NrldwdGrwth+2 +4+101 66 44n - 08 Fidelity Freedom /FUS A \$ 170 bil 800-343-3548 8 hil 800-3/6-8893 C+ 2030 4idCapA -2 -5+240 36.33 +.55 /FUS C A- Fund K **Fidelity Select** bil 800-346-8893 \$ 19.0 bil 800-343-3548 irowthC -1 -1+132 17.51n +.14 A- BioTech r haus Funds 7 bil 312-587-3800 +16+13+382 23.26n +.00 rowth Funds A 1 hil 800-728-3337 A Wireless aCpFocGrw -2 -2+152 67.95 +.29 Fidelity Spartan Adv Funds C bil 800-728-3337 \$ 62.1 bil 800-343-3548 D- USBdIdI echnology +1 +1+197 18.85n +.12 Fidelity Invest Funds S \$ 1755 bil 800-343-3548 .6 bil 800-728-3337 CapGrowth -1 -1+147 109.50n +.36 A Advchina e Funds A AdvchinaR .0 bil 800-237-3101 CapApprC +1 +2+105 32.85n +.23 apGrowthR3+3 +1+121 55.30n +.82 . CapGrowthR5+3 +1+129 64.94n +.95 A- AdvSer 4idCpGrowC -2 -3+154 67.77n +.56 A+ AdvSrsGro SmCapGrA +3 +1+124 58.92 +.87 SmCapGrowC+3 +0+109 33.33n +.49 B+ Balanced SmCapGrR6 +3 +1+131 66.04n +.97 mlCapGrow +3 +1+129 64.49n +.95 A+ BluChpGro eWood .1 bil 800-791-4226 GrwthInstl +1 +2+199 52.21n +.15 rald Funds hil 855-828-9909 GrowthA +7 +5+157 36.10 +.54 GrwthInstl +7 +5+161 38.12n +.58 irwthInv +7 +5+156 35.89n +.55 -F-A- DiscipEqK Funds A- DiversStk ) bil 800-721-5391 dinvestor +3 +4+101 43.66m - 17 erated Hermes .0 bil 800-245-5051 KaufmannR -2 -5+155 7.08n +.08 (aufSmlCapR+5 +2+278 65.68n +.91 erated Hermes A 8 bil 800-245-5051 34.84n +.51 apGrowth +8 +5 (aufmann -2 -5+153 7.06 +.08 B- Freedom2030 +3 +5 aufSmlCap +5 +2+275 65.31 +.90 YTD 12Wk 5 Yr Net % % After Asset NAV | Chg |Chg |Tax Rtn | Value | Chg 36 Mo Performance Rating | Fund

YTD 12Wk 5 Yr % % After YTD 12Wk 5 Yr Net 36 Mo YTD 12Wk 5Yr Performance % % After Asset NAV Rating | Fund | Chg | Chg | Tax Rtn | Value | Chg Asset NAV % After Asset NAV Asset NAV Rating | Fund | Chg | Chg |Tax Rtn | Value | Chg Rating | Fund | Chg | Chg |Tax Rtn | Value | Chg A+ GrowthCo 66.28n +.91 +2 +2+258 33.66n +.33 FrostFunds A+ GrowthK6 +7 +4 ... 21.15n +.36 \$ 8.1 bil 800-513-7678 A+ GrowthOpp +2 +2+292 143.15 +1.6 A GrwEqInv b -1 +0+133 16.89n +.04 A Kaufmann -2 -5+145 5.31n +.06 A+ GrowthZ +7 +4 ... 36.64n +.62 -G-H-I-A+ KaufSmlCap +5 +2+264 54.90n +.75 A+ GrwDiscovyK +2 +3+179 52.88n +.30 A- HealthCare +2 +2+103 60.10 +.65 Gabelli \$ 12.1 bil 800-422-3554 A HealthCare +2 +2+109 71.40n +.77 -4 -3+156 85.38n +.31 A KaufmnC -2 -5+145 5.29n +.05 A GrowthI A- HealthCare r +2 +2 +98 50.04n +.54 A+ KaufSmlCapC+5 +2+264 54.92n +.75 A- Independnck -2 -1+104 45.48n +.03 Gabelli AAA \$ 13.4 bil 800-422-3554 A- Leisure r +9+10 +97 19.45n -.10 A GrowthAAA -4 -3+153 82.51n +.30 +9+10 +91 51.55 +.30 A- LevCoStk 7 28n + 08 C+ LowPriStkK +14+15 +65 55.35n +.14 GMO Trust VI A+ KaufSmlCap +5 +2+211 66.80n +.92 \$ 12.2 bil 617-330-7500 C+ LowPrStk +14+15+65 55.41n +.14 +5 +6+113 26.84n -.07 A- LvgCoStkK +9+10+104 45.03n +.24 A- Quality GoldmnSachs A A- Magellan -2 -1+110 12.79n +.01 \$ 32.4 bil 800-292-4726 A+ GrowthComp +3 +2+252 23.41n +.23 A- MidCap500 +10+10+107 15.58n +.04 +1 +1+127 38.92 +.00 A- InsghtsA A- SmallCapOpp+13+12+103 18.11n +.08 A- MomIndx -1 +0 ... 16.59n +.14 GoldmnSachs C +2 +4 +75 67.59n -.21 A- Nordic r A+ OppsGrowth +2 +2+226 160.40n +1.8 \$ 6.2 bil 800-292-4726 0 -2+107 31.58 +.51 +3 +4+225 18.03n +.13 A- CapitlGrwth +2 +3+100 16.95n +.00 A+ OTC A ConsmrDisc r +6 +8+129 43.44 +.29 A+ OTCK +3 +4+225 18.36n +.13 A- InsahtsC +1 +1+118 33.40n +.00 A+ TechOpps 0 +0+198 20.07n +.00 +2 +2+168 16 17 + 09 A- SaiUS +5 +6+110 20.52n -.01 GoldmnSachs In A- InsightsZ +2 +3+114 37.58n +.28 A+ SelectTech r +1 +2+287 27.22n +.14 \$ 29.2 bil 800-292-4726 +10+10 +93 54.09 +.31 A SmlCapGrM r +7 +4+177 32.74 +.56 A- CapitalGr +2 +4+119 33.98n +.00 +2 +3+173 16.52n +.10 A- SpartanSm +16+14+121 28.99n +.25 A+ GrowthOpp -2 -3+134 23.15n +.00 +5 +6+116 60.02 +.07 A SpExIdAdv +10 +8+137 91.81n +.72 GreatWest +5 +6+114 60.02 +.06 D- TotalBond r -3 -3 +18 10.94 +.01 A- StkSelAll \$ 23.9 bil 866-831-7129 A- StkSelAllCp +5 +6+118 59.94n +.07 A StkSelSmCp r+15+14+114 35.20n +.17 A+ LrgCapGrwth 0 +1+146 10.24n +.00 +6 +7+116 31.48n +.04 A- StkSIAIICpK +5 +6+119 60.09n +.07 A- TRowePrice +2 +2+121 37.95n +.00 Guidemark A+ EquityGrow r +2 +2+156 12.81n +.08 A+ Technology -2 -3+279 81.40 +.29 **A**+ GrowthOpp r +2 +2+280 120.40n +1.4 **A**- LevCoStk +9+10 +85 45.88n +.26 \$ 1.5 bil 925-263-2078 A+ Technology r -2 -3+268 69.41n +.25 A- LgCpCoreSvc +6 +7+101 26.45n D- TotalBond r -3 -3 +18 10.92 +.01 A SmallGrowAr+7 +4+169 29.17n +.50 A- WIDINSTL +2 +3+118 34.73n +.08 Guidestone \$ 22.1 bil 888-473-8637 D- TotalBond r -3 -3 +16 10.95n +.01 A- Worldwide +2 +3+116 34.44 +.08 A EqInvestor -1 +0+139 29.91n +.00 FidltvAdvFoc C \$ 4.7 bil 800-343-3548 A GrEqInst -1 +0+143 30.26n +.00 A- SmCapEqInst+15+14+101 21.56n +.00 A- Biotchnolgy 0 -2+113 36.41n +.60 A+ Convertible +5 +5+113 41.51n +.40 A Consmr Disc r+6 +8+132 47.36n +.32 A- SmCapEqInv+15+14+100 21.40n +.00 First Eagle GuideStone G2 A- DiverStck +7 +8+127 35.58n +.05 \$ 101 bil 800-334-2143 \$ 4.3 bil 888-473-8637 +4 +5 +47 63.95 -.10 A+ EquityGrow +2 +3+173 18.32n +.11 D GlobalA A+ GrowthOpp +2 +2+303 158.69n +1.8 Forum Funds A- EqIndxInst +5 +6+115 42.70n +.00 A- LevCoStk +10+10 +96 56.01n +.33 \$ 626 mil 888-992-2765 Harbor Funds \$ 107 bil 800-422-1050 A+ SmallGrowl r +7 +4+185 36.47n +.62 A DFDentPrGro -2 -1+162 44.49n -.16 A+ CapApprAdm -4 -4+183 97.65n +.50 A- StkSelAll +5 +6+119 60.48n +.07 Frank/Tmp Mutual R A StkSelSCr +15+14+114 35.42n +.17 A+ CapApprInv -4 -4+181 94.77n +.48 \$ 15.3 bil 800-342-5236 A+ MidGrInv +1 +0+200 11.69n +.16 A+ Dynatech -3 -3+250 131.11n +1.3 A SmlGrAdm +6 +5+155 17.19n +.13 Frank/Tmp Tp A A SmlGrInv +6 +5+153 16.04n +.12 +3 +4 +73 19 94n + 04 \$ 69.3 bil 800-342-5236 E Glob Bond -2 -2 +1 9.45 +.00 Harding Lvnr +1 +2+110 62.95n +.20 \$ 27.3 bil 877-435-8105 Frank/Tmp TpAd +2 +3+115 47.20n +.00 \$ 79.3 bil 800-342-5236 A- GIblEqAdv -1 -5+121 24.99n +.46 A- ChinaWrld +3 +8+114 19.05n -.06 A- GlobalEqty +2 +3+115 47.24n +.00 A+ Computers r +5 +8+205 115.58n +.22 E Glob Bond -2 -2 +2 9.41n +.01 Hartford A A ConsmrDisc r +7 +8+130 70.58n +.50 Frank/Tmp TpB/C \$ 45.1 bil 860-547-5000 A- Healthcare 0 +0 +90 41.16 +.25 A Const#Hser+15+15+111 83.98n +.21 \$ 57.5 bil 800-342-5236 A+ ITServices r -1 +0+188 92.44n -1.0 F GlobalBdC A SmlCapGr +4 +2+127 63.44 +.54 -2 -2 9.48n +.00 0 +0+129 13.64n +.05 Franklin A Hartford C \$ 204 bil 800-342-5236 \$ 80.0 bil 860-547-5000 A+ GrowOppor +2 +2+151 22.97n +.21 A- ChinaWrld +3 +8+112 18.77 -.06 -4 -4 +12 11.94n +.01 A+ ConvSecs +2 +2+142 28.88 +.20 A- Health 0 +0 +81 30.55n +.19 -3 -3+255 135.87 +1.4 A+ SmallCo +5 +4+176 17.97n +.21 A+ Dynatech A GrOppoA -3 -3+150 51.73 +.17 A- SmCapGi +4 +2+114 40.59n +.34 A- 500ldxInsPr +5 +6+109 136.09n -.07 +6 +7 +40 2.41 -.01 Hartford HLS IA D Income Franklin Temp +9+13+202 60.03n +.06 \$ 9.4 bil 860-547-5000 +9+13+199 59.76 +.06 \$ 171 bil 800-342-5236 +5 +6 +93 18.21n +.02 A- DiscpEq A- AdvDivStkA +7 +8+124 33.05 +.04 A+ DynTchClR6 -3 -3+262 142.56n +1.5 A- Healthcare +1 +0 +82 24.00n +.14 A- AdvDivStk0 +7 +8+128 34.16n +.04 E GlobBond -7 -7 +1 9.45n +.00 Hartford HLS IB -3 -3+156 57.97n +.19 \$ 22.2 bil 860-547-5000 A- AdvLevCoSt +10+10 +97 56.19n +.32 A+ GrthOppR6 +15+15 +92 15.37n +.06 A GrthR6 0 +1+137 136.00n +.12 A- DiscpEq +5 +6 +91 17.91n +.02 +3 +3+277 16.88n +.20 -4 -3+126 20.70 -.07 0 +0 +79 22.07n +.13 A- IntlGrthA A- Health +6 +5+117 44.20n +.05 A+ AdvTechAr -2 -3+285 87.56 +.32 A+ SmCpGrR6 +8 +7+186 33.40n +.25 A- MidCap +5 +4+189 25.51n +.30 +4 +5 +81 29.35n +.06 E TempGlb -2 -2 +3 9.40n +.00 A+ SmallCo B+ BalancedK +4 +5 +82 29.36n +.06 FranklinAdv A SmlCapGr +5 +2+133 38.14n +.33 +3 +3+233 168.48n +1.9 \$ 225 bil 800-342-5236 Hartford I A+ BluChpGroK +3 +3+235 169.02n +1.9 A+ ConvSecs +3 +2+144 28.88n +.21 \$ 68.2 bil 860-547-5000 A+ BlueChip +3 +3 .. 24.94n +.27 A CaptlApprK +4 +4+118 43.42n +.11 A- CapApprecl +4 +5+101 44.98n + 07 A+ Dynatech -3 -3+259 140.91n +1.4 0 +1+136 136.12n +.12 A+ GrowOppor +2 +2+184 61.11n +.57 A Grwth ChinaRgn +9+13+203 60.49n +.06 +6 +7 +41 2.39n +.00 A- Health +1 +0 +93 44.20n +.27 D Income +8 +7+183 32.72n +.25 Consmr Disc r+6 +7+121 34.12n +.23 A- MidCap +6 +5+121 37.61n +.05 A+ SmCapGr A ConsmrDisr +6 +7+126 40.15 +.27 A+ SmMidCapGr 0 -1+163 53.48n +.53 A+ SmallCo +5 +4+200 33.07n +.40 A- Contrafund +1 +2 .. 19.03n +.12 FranklinInvC A SmlCapGr +5 +2+131 67.36n +.58 A+ ConvSec +5 +5+121 41.98n +.41 \$ 251 bil 800-342-5236 Hartford R3 +1 +2+104 52.45n +.03 A+ ConvSecs +2 +2+135 28.37n +.20 \$ 54.6 bil 860-547-5000 +2 +2+174 56.10n +.51 +7 +7+121 32.70 +.04 -3 -4+241 111.11n +1.1 A+ Dynatech A+ GroOppty A GrOppoC A+ EmrgAsia r +2 +6+222 69.62n +.16 -4 -3+138 40.38n +.13 A- HealthcarFd 0 +0 +88 42.23n +.25 A+ EmrgAsia +2 +6+229 69.00n +.17 0 +1+125 121.10n +.09 A- MidCap +6 +5+116 40.82n +.05 A- Grwth A+ EmrgAsiaA r +2 +6+225 66.58 +.16 D- Income +6 +7 +38 2.45n +.00 A+ SmallCo +5 +4+193 33.92n +.40 A+ EmrgAsiaC +2 +6+214 58.95n +.14 +7 +7+164 22.11n +.17 A+ SmCpGr Hartford R4 A+ EmrgAsiaM r +2 +6+221 64.33 +.16 A+ SmMidCapGr 0 -2+140 26.38n +.26 \$ 54.6 bil 860-547-5000 A+ GrowOppor +2 +2+180 61.37n +.57 A- EmrgMktK +3 +6+148 46.91n +.29 FranklinInvR A+ EqGrowthZ +2 +3+175 18.52n +.11 \$ 157 bil 800-342-5236 +6 +5+120 43.24n +.05 A- MidCap A FocusedStk r +1 +2+153 31.42n +.15 A GrOppoR -3 -3+146 48.47n +.16 A+ SmallCo +5 +4+198 36.87n +.44 0 +1+131 134.95n +.11 B- Freedom +3 +5 .. 19.93n +.05 A SmlCapGr A- Grwth +4 +2+128 66.48n +.57 19.88n +.04 D Income +6 +7 +38 2.36n -.01 Hartford R5 A GrowStratKr -2 -2+113 59.12n +.58 A+ SmMdCapGr 0 -2+153 40.82n +.40 \$ 40.5 bil 860-547-5000 YTD 12Wk 5 Yr Net % % After Asset NAV | Chg | Chg |Tax Rtn | Value | Chg YTD 12Wk 5 Yr YTD 12Wk 5 Yr Net % % After Asset NAV | Chg |Chg |Tax Rtn | Value | Chg YTD 12Wk 5 Yr Net % % After Asset NAV | Chg |Chg |Tax Rtn | Value | Chg 36 Mo 36 Mo Performance Rating | Fund

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36 Mo YTD 12Wk 5 Yr Net Performance % % After Asset NAV Rating   Fund   Chg   Chg  Tax Rtn   Value   Chg	36 Mo YTD 12Wk 5 Yr Net Performance % % After Asset NAV Rating   Fund   Chg   Chg   Tax Rtn   Value   Chg	36 Mo YTD 12Wk 5 Yr Net Performance % % After Asset NAV Rating   Fund   Chg   Chg  Tax Rtn   Value   Chg
C+ Glob Alloc +2 +3 +53 20.70n +.03	A- IntlGrowl +2 +4+119 27.63n02	Columbia Y
A+ EquityR -2 -3+206 36.47n +.28	A- IntlGrowA +2 +4+116 26.6701	A+ SelCom#Inf +10+11+232 106.73n +.67
A CapAppR -1 +0+149 27.98n +.03	A GrowthI +2 +3+119 55.48n +.30	A MidCapGr +2 +1+121 31.06n +.33
\$ 100 bil 212-810-5596	A- GrowthC +2 +3 +94 17.69n +.09	A LargeGrow -3 -2+149 15.64n +.11
Blackrock R	A- Gr#Incl +4 +5 +89 40.45n +.03	A+ Convert +4 +4+160 31.47n +.24
A- S#P500Ind +5 +6+108 464.39n24	A- EvoWrdGrA +2 +5+125 22.9201	A- Contrar +6 +7+102 33.01n +.01
\$ 34.4 bil 212-810-5596	A+ Convert1 +3 +2+128 22.75n +.14	A- Contrar +6 +7 +97 32.07n +.01
BlackRock K	A ConvertC +2 +2+121 25.69n +.16	A- ContraCore +6 +7+101 33.04n +.01
A+ Technology -2 -2+405 63.97n +.43	\$ 34.4 bil 630-245-7200	\$ 132 bil 800-345-6611
A- SmlCapIdx +16+14+119 28.05n +.24	Calamos Funds	Columbia R
A- SciOpInst -1 +0+104 77.40n +.36	-C-	A+ SmallGrl +4 +2+266 33.85n +.27
A LrgeCapInst -1 +0+140 21.60n +.06		A MidCapGrT +2 +1+116 27.33 +.30
<b>A-</b> LngHrznEqty +3 +5 +88 15.31n05	A+ SmallCap +10 +7+224 22.83n +.33	A LargeGrT +2 +3+139 52.15 +.31
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If you sold any physical gold or financial or derivative instrument where gold is the underlying reference asset, or you bought gold put options in transactions conducted over-the-counter or in whole or in part on COMEX or on any other exchange in the United States between January 1, 2004 and June 30, 2013, you may be affected by pending class action settlements.

Legal Notice

totaling \$102,000,000 reached with Deutsche Bank AG and HSBC Bank plc (together, the "Settling Defendants"). The Settling Defendants deny any liability, fault, or wrongdoing of any kind in connection with the allegations in the Action. By entering into their respective settlements, the Settling Defendants have not admitted to any such liability, fault, or wrongdoing, and nothing in the Settlement Agreements or this Notice shall be construed as such an admission.

The United States District Court for the Southern District of New York (the "Court") authorized this Notice. The Court has appointed the lawyers listed below to represent the Settlement Class in this Action:

Merrill Davidoff	Daniel Brockett
Berger Montague PC	Quinn Emanuel Urquhart &
1818 Market Street,	Sullivan LLP
Suite 3600	51 Madison Avenue, 22nd Floor
Philadelphia, PA 19103	New York, NY 10010

Who Is a Member of the Settlement Class? The proposed Settlement Class includes:

All persons or entities who during the period from January 1, 2004 through June 30, 2013, either (A) sold any physical gold or financial or derivative instrument in which gold is the underlying reference asset, including, but not limited to, those who sold (i) gold bullion, gold bullion coins, gold bars, gold ingots or any form of physical gold, (ii) gold futures contracts in transactions conducted in whole or in part on COMEX or any other exchange operated in the United States, (iii) shares in gold exchange-traded funds ("ETFs"), (iv) gold call options in transactions conducted over-the-counter or in whole or in part on COMEX or any other exchange operated in the United States; (v) gold spot, gold forwards or gold swaps over-the-counter; or (B) bought gold put options in transactions conducted over-the-counter or in whole or in part on COMEX or on any other exchange operated in the United States.

The capitalized terms used in this Summary Notice if not defined herein are defined in the detailed Notice of Proposed Class Action Settlements and Class Members' Rights ("Notice") and the Settlement Agreements, which are available at www.GoldFixSettlement.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.GoldFixSettlement.com or by calling toll-free 1-844-271-4787 (if calling from outside the United States or Canada, call 1-267-238-9078).

#### What Is This Lawsuit About and What Do the Settlements Provide?

anticompetitive acts that affected the market for gold. To settle the changes to the time and place of the Fairness Hearing, or other claims in this lawsuit and without admitting any liability, fault, deadlines, or the process for attending remotely, will be posted to or wrongdoing, Deutsche Bank has agreed to pay \$60 million in www.GoldFixSettlement.com as soon as practicable.

This Summary Notice is to alert you to two proposed settlements | cash, and HSBC has agreed to pay \$42 million in cash-for a total of \$102 million (the "Settlement Fund") in cash-for the benefit of the Settlement Class and to provide discovery that is likely to assist with the continued prosecution of the Action. If the Settlements are approved, the Settlement Fund, plus interest earned from the date it was established, less any Taxes, any Notice and Administration Costs, any Court-awarded attorneys' fees, payment of litigation costs and expenses, and service awards for Plaintiffs, and any other costs or fees approved by the Court (the "Net Settlement Fund") will be divided among all Settlement Class Members who file valid Proofs of Claim and Release.

#### Will I Get a Payment?

If you are a member of the Settlement Class and do not opt out, you will be eligible to file a Proof of Claim and Release ("Claim Form"). The amount of your payment will be determined by a Plan of Allocation. Details about the Plan of Allocation are available at www.GoldFixSettlement.com or by calling tollfree 1-844-271-4787 (if calling from outside the United States or Canada, call 1-267-238-9078). A date for distribution of the Settlement Fund has not been set. Claim Forms must be submitted by August 23, 2021.

#### 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 the Settling Defendants, as explained in the detailed Notice and Settlement Agreements, which are available at www.GoldFixSettlement.com. If you do not want to take part in the Settlements, you must opt out by August 6, 2021. You may object to the Settlements, Plan of Allocation, and/or application for an award of attorneys' fees, payment of litigation costs and expenses, and/or service awards for Plaintiffs. If you want to object, you must do so by August 6, 2021. Information on how to opt out or object is contained in the detailed Notice, which is available at www.GoldFixSettlement.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, Thurgood Marshall United States Courthouse, 40 Foley Square, Courtroom 443, New York, NY 10007, on October 7, 2021, at 10:00 a.m. to consider whether to finally approve these Settlements, the Plan of Allocation, and Co-Lead Counsel's application for an award of attorneys' fees, payment of litigation costs and expenses, and any service awards for the Class Plaintiffs. Given the current COVID-19 situation, the Court reserves the right to conduct the final fairness hearing remotely. The Court currently expects to allow participants to attend using the following dial-in information: 1-888-363-4749, using the access code 3121171, and the security code 2548. You or your lawyer may ask to appear and speak at This lawsuit alleges that the Defendants engaged in the hearing at your own expense, but you do not have to. Any

For more information, call toll-free 1-844-271-4787 (if calling from outside the United States or Canada, call 1-267-238-9078) or visit www.GoldFixSettlement.com.

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

**B6** | Monday, March 22, 2021

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#### BANKRUPTCIES

IN THE UNITED STATES BANKRUPTCY COURT FOR THE DISTRICT OF DELAWARE In re: NINE POINT ENERGY HOLDINGS, INC., et al., () (Jointy Administered) Debtors.<sup>1</sup> Re: Docket Nos. 12 & 94

Debtors.<sup>1</sup> Re: Docket Nos. 12 & 94 NOTICE OF (I) STOCK PROCEDURES AND WORTHLESS STOCK DEDUCTION PROCEDURES AND (II) A FINAL HEARING ATTENTION DIRECT AND INDIRECT HOLDERS OF, AND PROSPECTIVE HOLDERS OF, STOCK ISSUED BY NINE POINT ENERGY HOLDINGS, INC. PLEASE TAKE NOTICE that, on March 15, 2021 (the "Petition Date"), the above-captioned debtors and debtors in possession commenced voluntary cases under chapter 11 of title 11 of the United States Code (the "Bankrunder Code").

ankruptcy Code"). PLEASE TAKE FURTHER NOTICE that, on the Petition Date, the Debtors

Bankruptey Code".
 PLASE TAKE FURTHER NOTICE that, on the Petition Date, the Debtors filed the Motion of Debtors for Orders Establishing Notification Procedures and Approving Restrictions on Certain Transfers of, or Worthlessness Deductions with Respect to, Stock of the Debtors (Duttice), 121 (the "Motion").
 PLEASE TAKE FURTHER NOTICE that, on March 17, 2021, the United States Bown with Respect to, Stock of the Debtors (Duttice), 2020, 20

PLEASE TAKE FURTHER NOTICE that, in certain circumstances, the Stock Procedures restrict transactions involving, and require notices of the holdings of and proposed transactions by, any person or group of persons that is or, as a result of such a transaction, would become a Substantial Stockholder of the common stock issued by Nine Point Energy Holdings, Inc. (the "Company Stock"). For purposes of the Stock Procedures, a "Substantial Stockholder" is any person or, in certain cases, group of persons that Beneficially Own, directly or indirectly (and/or owns options to acquire) at least 56,330,591 shares of Company Stock (representing approximately 4.75% of all issued and outstanding shares of Company Stock). Any prohibited transfer of the stock of the Debtors will be null and void ab initio and may lead to contempt, compensatory damages, punitive damages, or sanctions being imposed by the Bankruptcy Court.

#### A direct or indirect holder of, or prospective holder of, stock of the ebtors that may be or become a Substantial Stockholder should consult e Stock Procedures. PLEASE TAKE FURTHER NOTICE that in certain circumstances, the

Northless Stock Deduction Procedures restrict taking worthlessness leductions with respect to, and require notices of the holdings of, any person or entity that is or becomes a 50-percent Shareholder of the Company Stock. or entity that is or becomes a 50-percent Shareholder of the Company Stock. For purposes of the Worthless Stock Deduction Procedures, a '<u>50-percent</u> <u>Shareholder</u>' is any person or entity that at any time during the three-year period ending on the Petition Date has had Beneficial Ownership of at least 50% or more of Company Stock or is otherwise considered a 50-percent shareholder of Nine Point Energy Holdings, Inc. within the meaning of Section 382(g)(4)(D) of the Tax Code. Any prohibited worthlessness deduction with respect to the stock of the Debtors will be null and void ab initio and may lead to contempt, compensatory damages, punitive damages, or sanctions being imposed by the Bankruptcy Court. A direct or indirect holder of, or prospective holder of, stock of the Debtors that may be or become a 50-Percent Shareholder should consult the Worthless Stock Deduction Procedures.

e Worthless Stock Deduction Procedures. PLEASE TAKE FURTHER NOTICE THAT the requirements set forth in the tock Procedures and the Worthless Stock Deduction Procedures are in add on to the requirements of Bankruptcy Rule 3001(e) and applicable secure and applicable secure and do a secure secure and applicable secure applicable secure and applicable secure and applicable secure applicable secure and applicable secure a

Stock Procedures and the Worthless Stock Deduction Procedures are in addition to the requirements of Bankruptcy Rule 300(1e) and applicable securities, corporate, and other laws and do not excuse noncompliance therewith.
 PLEASE TAKE FURTHER NOTICE that the Motion, the Interim Order, the Proposed Final Order, the Stock Procedures and the Worthless Stock Deduction Procedures are available on the website of Stretto, the Debtors' Court-approved Claims agent, located at cases.stretto.com/
 NinePointEnergy, and on the docket of the Chapter 11 Cases, Docket Nos. 12 & 94, which can be accessed via PACER at https://www.pacer.gov.
 Dated: March 18, 2021, Wilmington, Delaware, /sr. Ashley E, Jacobs \_\_\_\_\_\_\_
 Michael R. Nestor (No. 5526), Kara Hammond Coyle (No. 4410), Ashley E, Jacobs \_\_\_\_\_\_\_
 Belavari 19801, Telephone: (302) 571-6600, Email: mnestor@ysts.com, alacobs@ysts.com, jmorton@ycst.com -and. Richard A. Levy (admitted pro hac vice), LATHAM & WATKINS LLP, 330
 North Wabash Avenue, Suite 2800, Chicago, Illinois Go611, Telephone: (312) 976-7700, Email: fichard.levy@w.com, caroline.reckler@w.com, janathan.gordon@w.com, jon.weichselbaum (admitted pro hac vice), LATHAM & WATKINS LLP, 330
 Nacif Taousse (admitted pro hac vice), Alistair K. Fatheazam (admitted pro hac vice), Telephone: (212) 906-1200, Email: gerge.davis@w.com, nacif.taousse@w.com, alistair.fatheazam@w.com, jon.weichselbaum@w.com, nacif.taousse@w.com, alistabi.stelbaum (admitted pro hac vice), Caroline Proposed Counsel
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loor, Denver, Colorado 80202. Capitalized terms used but not defined herein shall have the meanings

ascribed to them in the Motion



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## **BUSINESS & FINANCE**

## **Pause on Student Loans Brings Unexpected Relief**

#### BY AMBER BURTON AND JULIA CARPENTER

For the more than 42 million borrowers with federal student loans, the Covid-19 pandemic brought unexpected relief: a break from payments. The pause on interest accumulation alone has saved borrowers roughly \$4.8 billion a month, according to the Education Department.

Last March the department put most federal student-loan payments on hold and set interest rates to zero. One year and three stimulus bills later, the Biden administration extended the payment suspension and interest waiver until Sept. 30.

As a result, close to 20 million borrowers currently have their loans in forbearance. according to Mark Kantrowitz, author of "How to Appeal for More College Financial Aid."

For Kim Stolow, a 41-yearold clinical therapist living in New Jersey, the pause came as she was struggling to handle reduced work and more childcare commitments.

"Mentally, it eased up the pressure," she said. "Just one less thing to think about."

As of December 2019, the median student-debt borrower was 34 years old, according to the Federal Reserve Bank of New York. Last year, the average disbursement of federal student-loan debt for graduate and undergraduate students was \$11,077, according to the **Education Department.** 

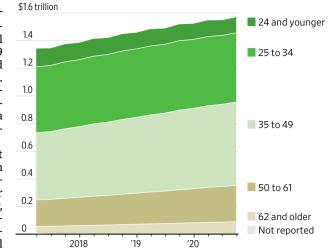
Total outstanding student debt stood at \$1.56 trillion in the fourth quarter of 2020, up \$9 billion from the prior quar-

For some young Americans, the rising cost of higher education has heightened their debt loads and disrupted their financial lives. The studentloan payment and interest freeze has offered them the ability to make ends meet, pay down debt and take care of other responsibilities. Some have used the money to build up their savings.

There are hints of where this extra cash has gone, and where it hasn't. An increase in credit scores suggests more young people are paying down



Federal student loan portfolio, by borrower age



Note: Includes outstanding principal and interest balances Source: Enterprise Data Warehouse

Krystal McCain, 29, found that both her jobs—working as an activities coordinator at a university and waitressing on the side—were affected by the pandemic. In 2020, she realized she was paying more toward her student loan than she did for her apartment's rent. With her university job on

furlough and her waitress hours reduced, Ms. McCain said if it hadn't been for the suspension of loan payments she wouldn't have been able to take care of basic responsibilities.

"The beginning of the lockdown was really rough," she said. "If this all hadn't been paused, I don't know what I would have done. I would've been evicted. I don't know how I could have paid the bills."

Ms. McCain said the pause on loans allowed her to pay off more than \$1,000 in creditcard debt. But in August 2020 she celebrated what felt to her to be an even more important milestone: opening her firstever savings account.

"I feel both extremely embarrassed and incredibly proud," she said. "I work in higher education, and I have a master's degree, but I was still just getting by."

New York Fed researchers said there is a possible link between more people paying down high-interest debt and the student-loan pause. The credit-reporting company Experian said average creditcard debt held by millennials dropped 11%.

When Jarrod Grim, 35, made his last student-loan payment on March 17, 2020, he immediately made a plan: As long as the pause was in effect, he would divert the amount of his student-loan payment, \$525, to a separate savings account.

Now, a year later, he has kept up with the plan.

"In the past 11 months, I've added about \$5,800 to my savings account," he said. "By the end of September, I estimate I'll have just shy of \$10,000 in savings."

Initially Mr. Grim made the move to boost his emergency savings, preparing in case he lost his job.

Mr. Grim has \$80,000 in student-loan debt, all federal loans and all accumulated from his graduate degree in urban planning at Rutgers University. He consolidated 11 different student loans and hopes to pay off one with the highest interest rate.

Joy Liu, a financial coach at the Financial Gym, a financialservices company, is encouraging clients to embrace Mr. Grim's strategy: continue earmarking the money for the student loans in their budget even if it isn't going to the loans at this time.

"What we really try to do is we never want them to get out of practice of paying them," she said. The money, she said, can be used for saving, bills or investments-or paying off student loans after the pause.



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#### What Is This Lawsuit About and What Do the Settlements Provide?

This lawsuit alleges that the Defendants engaged in anticompetitive acts that affected the market for gold. To settle the claims in this lawsuit and without admitting any liability, fault, or wrongdoing, Deutsche Bank has agreed to pay \$60 million in cash, and HSBC has agreed to pay \$42 million in cash-for a total of \$102 million (the "Settlement Fund") in cash-for the benefit of the Settlement Class and to provide discovery that is likely to assist with the continued prosecution of the Action. If the Settlements are approved, the Settlement Fund, plus interest earned from the date it was established, less any Taxes, any Notice and Administration Costs, any Court-awarded attorneys' fees, payment of litigation costs and expenses, and service awards for Plaintiffs, and any other costs or fees approved by the Court (the "Net Settlement Fund") will be divided among all Settlement Class Members who file valid Proofs of Claim and Release.

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#### For more information, call toll-free 1-844-271-4787 (if calling from outside the United States or Canada, call 1-267-238-9078) or visit www.GoldFixSettlement.com.

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#### Continued from page B1 Grav has become more clear about what it won't buy, said Joseph Baratta, global head of private equity at the firm. In addition to bricks-and-mortar retailers, that list includes established media-and-telecommunications providers and companies reliant on singleuse plastics.

"There are certain types of companies that we're just not going to invest in, no matter how cheap they are," Mr. Baratta said.

The strategy isn't without risk. The assets the firm is collecting could be among the first to get hit if, for example, the recent increase in interest rates continues as the economy emerges from the pandemic-induced lockdown.

Rivals such as Apollo Global Management Inc. have largely resisted the allure of the growth strategy, preferring instead to put money into hardhit areas like gaming and physical retail.

But even the historically value-focused Apollo has done more technology-related deals in its most recent buyout funds. The firm also raised two blank-check companies targeting growth-oriented deals.

Among the themes that have guided recent Blackstone investments are the shift to ecommerce and the technologyfueled advancement of the life-sciences industry.

The firm has launched a business dedicated to investing in life sciences—including by backing new drugs in the late stages of development, the last thing a traditional leveraged buyout would target.

It hired Jon Korngold, a veteran of growth-investing pioneer General Atlantic, to



Highly successful real-estate bets helped propel Jonathan Gray.

build a business taking minority stakes in growing companies

Blackstone, which previously had virtually no West Coast presence, has opened a San Francisco office and hired executives and advisers from technology companies such as Amazon.com Inc. and Snowflake Inc.

And in November, it hired Jennifer Morgan, former cochief executive of businesssoftware giant SAP SE, to lead a team helping the firm's 200plus portfolio companies "drive growth through digital transformation."

Blackstone isn't alone. An increasing number of its rivals and stock investors have embraced growth as a decadelong bull market pushes up the price of all manner of assets and leaves fewer pockets of value. The two-year rolling average of purchase-price multiples for U.S. buyouts reached a record 12.8 times earnings before interest, taxes, depreciation and amortization in 2020, according to an analysis by McKinsey & Co. That's up from 11.9 times in 2019 and 10.2 times in 2015.

Mr. Gray's thematic push was born from personal experience. He led Blackstone's \$26 billion deal to buy Hilton Hotels Corp. on the eve of the financial crisis.

As the hotel chain's business suffered during the ensuing economic downturn, outsiders would often label the deal a failure. Instead, Hilton became one of the most successful private-equity investments of all time, ultimately reaping more than \$14 billion in profits, or more than three times Blackstone's initial investment.

Mr. Gray said the experience taught him that the efforts of Blackstone and Hilton's management may not have been enough if the company weren't the beneficiary of a long-term growth trend in global travel, the thesis that underpinned the investment.

"In the fullness of time. what mattered was you picked the right neighborhood, not the right house," Mr. Gray said.

(Mr. Gray's fondness for hotels abides, witness Blackstone and Starwood Capital Group's agreement this month to acquire Extended Stay America Inc. in a bet that a rare bright spot for the lodging industry during Covid-19 will continue to thrive.)

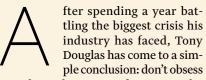
He also led the firm's first foray into industrial warehouses in 2010, betting on the ascendance of e-commerce around the world. Blackstone is the largest owner of warehouses used for e-commerce, with a roughly \$100 billion portfolio consisting of 880 million square feet of such properties around the world.

The two highly successful real-estate bets helped propel Mr. Gray's rise at the privateequity giant.

#### **COMPANIES & MARKETS**

## How to Lead. Tony Douglas, chief executive, Etihad Airways Let the storm take its natural course

The airline boss is taking a phlegmatic approach to the crisis hitting the sector, writes *Philip Georgiadis* 



industry has faced, Tony Douglas has come to a simple conclusion: don't obsess over things that are out of your control.

"You know what? It is actually OK to have no idea exactly how this is going to pan out," says the British chief executive of Etihad, Abu Dhabi's national airline. "The trick to it is to be able to embrace ambiguity."

A phlegmatic approach is useful given the state of the airline industry. The pandemic started off as a minor operational concern for global airlines as they suspended flights to mainland China in February last year, but it has since spiralled into a crisis that has parked half of the world's passenger aircraft and is stretching into its second year.

Douglas's team meticulously charts predictions for the industry's recovery from rival airlines, investment banks and consultancies, but has watched helplessly as these have all been undone by rising infection rates around the world. "Every time we have looked at this, on a monthly basis, it has continued to move to the right", and get worse, he says.

Airline bosses are now hoping that vaccines can offer a way out to lift border restrictions and encourage people back into the skies.

Douglas, 58, was one of the first global business leaders to be vaccinated when he received his (the Chinese Sinopharm jab) in early January at Etihad's inhouse medical centre, a benefit of the nation's rapid vaccination programme.

While he waits for the rest of the world to catch up, Douglas presents a vision for crisis management that involves acting decisively over things you can directly influence, while trying to stay calm about those you cannot.

One of his biggest decisions came early, when he grounded his entire fleet of 10 Airbus A380s: four engine "superjumbos" that are the largest passenger aircraft ever to have flown.

It was a particularly difficult moment because the aircraft were the only ones kitted out with Etihad's signature "Residence" suites, three bedroom cabins pitched as a superior offering to firstclass flyers and priced at about \$20,000 per flight.

Douglas does not expect his A380s to fly again, meaning his airline's premium product will become one of the many victims of the aviation crisis. "It was a desperately saddening decision to make. We took a brave pill and we got on with it, we were bold and decisive," he says.

Airlines have long been cyclical businesses, with their fortunes tied to the global economy and geopolitics. But there was no industry playbook for how to deal with a crisis on the scale of coronavirus.

Douglas suggests it is human nature to look back through previous experiences as a "mental handrail" to inform your decision-making processes, but ultimately this can be counterproductive

#### 'Once you have nailed your colours to a particular mast, the inevitability is, it is going to change'

when faced with a fast-moving and unpredictable situation, such as government travel restrictions, he says.

"There is no benefit, I don't believe, in trying to create unnecessary false certainty. The problem . . . is once you have nailed your colours to a particular mast, the inevitability is, it is going to change, and you will end up with more negative energy," he says.

It is a reassuring message, but the crisis has swept through Etihad's business: the airline carried just 4.2m passengers in 2020, down 75 per cent on the previous year, and reported a loss of \$1.7bn over the period, taking its losses over the past five years to more than \$7bn.

The airline is one of several stateowned Gulf "superconnector" airlines to have sprung up over the past 30 years. These use their owners' deep pockets to connect points across the globe via their hub airports in the Middle East. Known for their luxurious cabins and



**Tony Douglas:** 'We took a brave pill and we got on with it, we were bold and decisive'

focus on customer service, the airlines have helped to turn the Middle East into a global travel hub, but their rapid growth was checked first by political tensions and then the pandemic, which has hit the long-haul market harder than regional and domestic routes.

Etihad in particular has reined in its global ambitions, and Douglas was hired in late 2017 to oversee the carrier's recovery from a failed expansion strategy. He joined the airline from the UK Ministry of Defence, where he had been in charge of managing the procurement of military hardware for the armed forces.

Douglas was born in the market town of Ormskirk in north west England, 13 miles from Liverpool, and industrial heritage runs in his family: his father was a petrochemical and pharmaceu-

tical export licence manager. He studied engineering, and went on to occupy leadership positions at former operator the British Airports Authority, where he managed the Terminal 5 project at Heathrow airport. He also held executive positions at construction company Laing O'Rourke and, in the UEA, at the state-run companies operating Abu Dhabi's airport and port.

Rivals have long complained the Gulf airlines are effectively instruments of soft power and comparatively immune from market forces and shareholder scrutiny as they use their state-subsidies to win market share. Etihad was established by a royal decree in 2003, and Douglas briefly thanked Etihad's owners for their support when outlining the carrier's results this month. But in contrast to the forensic analysis faced by listed airlines, the company would not comment on how much money the state had pumped in during the crisis.

Still, Douglas insists government ownership brings its own pressure. "I have



More interviews illuminating the personalities of high-profile leaders by focusing on the issues they faced ft.com/ howtolead

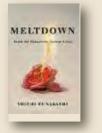
been involved in Plcs, I have been involved in privately owned companies and I have been involved in government entities . . . by and large, I would say it is a score draw with all of them, because the only thing that changes is the direction from which scrutiny comes," he says.

The pandemic has refocused his efforts on right-sizing the airline - inevitably involving cutting costs and staff losses – and Douglas says that he is on track to restore profitability by 2023.

But he will be the first to admit that events are not entirely in his control. His biggest challenge could be living up to his pledge to not let outside events rattle him as he leads his business through the crisis.

"If you are out in deep water and the storm starts coming, it is going to push you in a certain direction. Don't fight the storm, let it take you in the direction that the force of nature is going to take you in anyway, until the storm abates."

## A tense thriller revisits Japan's **Fukushima**



Meltdown: Inside the **Fukushima Nuclear Crisis** by Yoichi Funabashi, Brookings Institution Press, \$31.95, 622 pages

## **Book** review

by David Pilling

Ten years after an earthquake and tsunami unleashed a triple meltdown at the Fukushima nuclear power plant, Japan is still wrestling with the consequences of the world's worst nuclear disaster after Chernobyl.

Some 40,000 of the 160,000 people evacuated are still unable to return to their homes. There is no credible plan for dealing with the highly radioactive material buried in the plant's mangled interior. Only nine of Japan's 54 reactors in operation before the disaster are working and its low-carbon energy targets are in tatters. The bill for dealing with the disaster and its aftermath is estimated at \$740bn.

Meltdown is a meticulous attempt

by Yoichi Funabashi, one of Japan's most distinguished journalists, to recreate what happened. He describes his technique as "seizing the truth while it's hot", which means, in this case, conducting interviews with more than 300 protagonists before their memories fade.

The result is a deliberately raw and rough-edged account to stand against any single official narrative shorn of friction. Almost inevitably, Funabashi invokes Rashomon, the classic film by Akira Kurosawa in which witnesses to a gruesome crime relate competing narratives.

The result in *Meltdown* is a tense thriller, although the almost minuteby-minute account, peppered with technical jargon and related over more than 600 pages, will be a slog for some. Still, for any future director hoping to match Chernobyl, the 2019 HBO television drama, Meltdown will be indispensable source material.

Funabashi recreates dialogue, and even italicised internal monologues, as his protagonists grapple with confusion and fear. Nuclear technicians are plunged into darkness, manuals are read by torchlight, temperatures rise and meltdown threatens. In one incident, Naoto Kan, then prime minister, insists on flying to the plant by helicopter even though there is an imminent danger of an explosion. So detailed is the account that we learn he eats a rice ball on the way back without washing his hands.

Kan wants to meet Masao Yoshida, the plant superintendent and in some ways the hero of the book. Yoshida, half irritated that Kan should be wasting his time at such a critical moment, tells the prime minister of his plan to start venting one of the reactors manually. "Radiation levels are extremely high. So, the operators can only go in for 15 minutes at a time," he says, not mincing his words. "We'll do it with a suicide squad."

Funabashi eschews the temptation to blame the disaster on the failings of Japanese culture – the default position of many commentators. Though rooted in specific flaws of Japan's postwar nuclear-industrial complex, the Fukushima disaster cannot be glibly pinned on Japanese traits such as deference to hierarchy. Indeed, Yoshida defies orders by filling one of the reactors with

seawater, a decision that probably averted even worse disaster.

Instead, in Funabashi's view, at the heart of Japan's fumbled response lies what he calls the "safety myth" promulgated by "the nuclear village", as those who run and regulate the industry are contemptuously known. Because Japan's population, traumatised by two atomic bombs, was deeply suspicious of nuclear power, those running the industry insisted on its absolute safety. As a result, there was little in the way of contingency planning for accidents that, by definition, could never happen.

At Fukushima, there was an even more basic problem. The back-up generators were located in a basement. When the tsunami came rushing in, power was knocked out. With no way of cooling the reactor rods, catastrophe beckoned.

One of the motivations for writing the book was what Funabashi calls a study in "the struggle of individuals

#### Funabashi eschews the temptation to blame the disaster on Japanese culture

to overcome the crisis". As disaster struck, Kan, an engineer by training, had been facing a campaign-finance scandal. Although his hands-on style injected a sense of urgency, Funabashi portrays the prime minister as an erratic micromanager bent on using the disaster to reestablish his leadership credentials. If that was his intention, he failed. Six months later he was gone.

The most interesting character is perhaps Yoshida himself, who died in 2013 of a (probably) unrelated cancer. A devout Buddhist, he led the workers who stayed behind, known as the "Fukushima 50".

Yet even a man of Yoshida's qualities proved no match for the forces of nature and physics or the flaws of a system in which - despite his defiance – he was ultimately a cog. At one point, Yoshida calls the prime minister's office to explain he has run out of options. "I'm sorry," he says. "We may be finished."

david.pilling@ft.com





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This Summary Notice is to alert you to two | \$60 million in cash, and HSBC has agreed to pay proposed settlements totaling \$102,000,000 \$42 million in cash—for a total of \$102 million reached with Deutsche Bank AG and HSBC (the "Settlement Fund") in cash—for the benefit Bank plc (together, the "Settling Defendants"). The Settling Defendants deny any liability, fault, that is likely to assist with the continued or wrongdoing of any kind in connection with the allegations in the Action. By entering into their are approved, the Settlement Fund, plus interest respective settlements, the Settling Defendants have not admitted to any such liability, fault, or wrongdoing, and nothing in the Settlement any Court-awarded attorneys' fees, payment of Agreements or this Notice shall be construed as such an admission

The United States District Court for the Southern District of New York (the "Court") authorized this Notice. The Court has appointed the lawyers listed below to represent the Settlement Class in this Action:



#### Who Is a Member of the Settlement Class? he proposed Settlement Class includes:

All persons or entities who during the period from January 1, 2004 through June 30, 2013, either (A) sold any physical gold or financial or derivative instrument in which gold is the underlying reference asset, including, but not limited to, those who sold (i) gold bullion, gold bullion coins, gold bars, gold ingots or any form of physical gold, (ii) gold futures contracts in transactions conducted in whole or in part on COMEX or any other exchange operated in the United States, (iii) shares in gold exchange-traded funds ("ETFs"), (iv) gold call options in transactions conducted over-the-counter or in whole or in part on COMEX or any other exchange operated in the United States; (v) gold spot, gold forwards or gold swaps over-the-counter; or (B) bought gold put options in transactions conducted over-the-counter or in whole or in part on COMEX or on any other exchange operated in the United States.

The capitalized terms used in this Summary Notice if not defined herein are defined in the detailed Notice of Proposed Class Action Settlements and Class Members' Rights ("Notice") and the Settlement Agreements, which are available at www.GoldFixSettlement.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.GoldFixSettlement.com or by calling toll-free 1-844-271-4787 (if calling from outside the United States or Canada, call **1-267-238-9078**).

#### What Is This Lawsuit About and What Do the Settlements Provide?

in anticompetitive acts that affected the market of the Fairness Hearing, or other deadlines, or for gold. To settle the claims in this lawsuit and without admitting any liability, fault, or wrongdoing, Deutsche Bank has agreed to pay soon as practicable

For more information, call toll-free 1-844-271-4787 (if calling from outside the United States or Canada, call 1-267-238-9078) or visit www.GoldFixSettlement.com.

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

## Legal Notice

earned from the date it was established, less any litigation costs and expenses, and service awards for Plaintiffs, and any other costs or fees approved by the Court (the "Net Settlement Fund") will be divided among all Settlement Class Members who file valid Proofs of Claim and Release.

#### Will I Get a Payment?

If you are a member of the Settlement Class and do not opt out, you will be eligible to file a Proof of Claim and Release ("Claim Form"). The amount of your payment will be determined by a Plan of Allocation. Details about the Plan of Allocation are available at www.GoldFixSettlement.com or by calling toll-free 1-844-271-4787 (if calling from outside the United States or Canada, call 1-267-238-9078). A date for distribution of the Settlement Fund has not been set. Claim Forms must be submitted by August 23, 2021.

#### 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 the Settling Defendants, as explained in the detailed Notice and Settlement Agreements, which are available at www.GoldFixSettlement.com. If you do not want to take part in the Settlements, you must opt out by August 6, 2021. You may object to the Settlements, Plan of Allocation, and/ or application for an award of attorneys' fees, payment of litigation costs and expenses, and/or service awards for Plaintiffs. If you want to object, you must do so by August 6, 2021. Information on how to opt out of bject is contained in the detailed Notice, which available at www.GoldFixSettlement.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, Thurgood Marshall United States Courthouse, 40 Foley Square, Courtroom 443, New York, NY 10007, on October 7, 2021, at 10:00 a.m. to consider whether to finally approve these Settlements, the Plan of Allocation, and Co-Lead Counsel's application for an award of attorneys' fees, payment of litigation costs and expenses, and any service awards for the Class Plaintiffs. Given the current COVID-19 situation, the Court reserves the right to conduct the final fairness hearing remotely. The Court currently expects to allow participants to attend using the following 1-888-363-4749, using dial-in information: the access code 3121171, and the security code 2548. You or your lawyer may ask to appear and speak at the hearing at your own expense, but you This lawsuit alleges that the Defendants engaged do not have to. Any changes to the time and place

#### March 22, 2021

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Legal Notice

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Deutsche Bank AG and HSBC Bank plc (together, Fund") in cash-for the benefit of the Settlement the "Settling Defendants"). The Settling Defendants Class and to provide discovery that is likely to assist deny any liability, fault, or wrongdoing of any kind with the continued prosecution of the Action. If the Defendants have not admitted to any such liability, any Taxes, any Notice and Administration Costs, any fault, or wrongdoing, and nothing in the Settlement Court-awarded attorneys' fees, payment of litigation Agreements or this Notice shall be construed as such costs and expenses, and service awards for Plaintiffs, in admission

District of New York (the "Court") authorized this Notice. The Court has appointed the lawyers listed of Claim and Release. below to represent the Settlement Class in this Action

Merrill Davidoff	Daniel Brockett
Berger Montague	Quinn Emanuel
PC	Urquhart & Sullivan
1818 Market Street,	
Suite 3600	51 Madison Avenue,
Philadelphia, PA	22nd Floor
19103	New York, NY 10010

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not defined herein are defined in the detailed Courthouse, 40 Foley Square, Courtroom 443 Notice of Proposed Class Action Settlements New York, NY 10007, on October 7, 2021, at and Class Members' Rights ("Notice") and the 10:00 a.m. to consider whether to finally approve Settlement Agreements, which are available at these Settlements, the Plan of Allocation, and Co www.GoldFixSettlement.com.

Class, you can get more information, including the detailed Notice, at www.GoldFixSettlement.com or by calling toll-free 1-844-271-4787 (if calling from outside the United States or Canada, call 1-267-238-9078).

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in anticompetitive acts that affected the market the time and place of the Fairness Hearing, or other for gold. To settle the claims in this lawsuit and deadlines, or the process for attending remotely, will without admitting any liability, fault, or wrongdoing, Deutsche Bank has agreed to pay \$60 million in as practicable.

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March 22, 2021

#### BARRON'S

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Weekly Closed-End Funds

12 mos Stock Market Prem Yield Fund Name (Symbol) Exch NAV Price /Disc 2/26/2:	12 mos Stock Market Prem Yield Fund Name (Symbol) Exch NAV Price / Disc 2/26/21	12 mos Stock Market Prem Yield Fund Name (Symbol) Exch NAV Price /Disc 2/26/21	52 Week Stock Market Prem Market Fund Name (Symbol) Exch NAV Price / Disc Return
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ion ting.com ect	Flushing,NY Dallas,TX Indianapolis,IN	No. (888)432-5890 (877)839-2737 (888)873-3424	<b>Deposit</b> 1000 10000 1000	% Rate 0.55 0.50 0.45	% Yield (CD) 0.55 (CD) 0.50 (CM) 0.45 (CD) 0.40	Institution TIAA Bank Community Commerce Bk Discover Bank ProGrowth Bank	Jackson,FL Los Angeles,CA Greenwood,DE	No. (888)882-3837 (323)268-6100 (800)347-7000	<b>Deposit</b> 1000 10000 2500	% Rate 0.64 0.58 0.55 0.51	% Yield (CD) 0.65 (CM) 0.58 (CD) 0.55 (CA) 0.51	Institution Legacy Bank TIAA Bank First Internet Bank	Location Hinton,OK Jackson,FL Indianapolis,IN Boston,MA	No. (800)687-9688 (888)882-3837 (888)873-3424	Deposit 10000 1000 1000	% Rate 0.40 0.35 0.25 0.25	% Yield (CM) 0.40 (CD) 0.35 (CM) 0.25

<sup>2</sup>Six-month CD yields assume reinvestment of principal and interest at the same rate for an to change. Phone to verify before investing or sending money.

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### FUTURES

such as farmers, miners, and energy companies can be more flexible. Grains are renewable annually; a supply crunch in one growing cycle due to a bad hand dealt by Mother Nature can be rectified within one or two growing cycles as farmers adjust their plantings based on where they can obtain the highest priced product per acre.

In energies, fracking has been a game-changer to the supply side of the equation. We have yet to see what political interference might do to that dynamic, but it is probably fair to say the "peak oil" concerns that persisted a decade ago probably aren't in the conversation at the moment.

I doubt we will see a repeat of the Wild West-style commodity markets that existed when market liquidity and access was a luxury rather than a given as it is now.

It is too early to completely disregard the idea of an imminent commodity super-cycle, but I am proceeding with the assumption that the aforementioned phenomenon will prevent a repeat of the previous commodity boom. Further, it is worth noting that as oil was approaching \$150 per barrel in 2008, the same bank calling for this to be the beginning of a commodity super-cycle was convinced \$200 crude oil was a near guarantee. In short, their cries of a super-cycle today could be a better contrarian indicator than a sign of a commodity boom.

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Merrill Davidoff	Daniel Brockett
Berger Montague	<b>Quinn Emanuel</b>
PC	<b>Urguhart &amp; Sullivan</b>
1818 Market Street,	LLP
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Philadelphia, PA	22nd Floor
19103	New York, NY 10010

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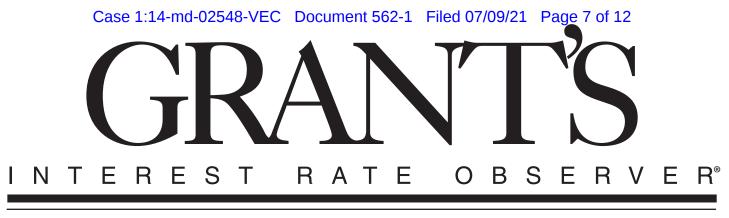
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APRIL 2, 2021

## Chair Powell on the beaches

"I liken it to Dunkirk," Jerome Powell told National Public Radio's *Morming Edition* the other day, "it" being the unprecedented action that the Federal Reserve took one year ago to counter the economic consequences of the lockdown-cum-pandemic. "[I]t was time to get in the boats and get the people," said Powell, "not to check the inspection records and things like that. Just get in the boats and go, and that's what we did. I think overall it was a very successful program."

Winston Churchill, the Jay Powell of wartime Britain, ordered the evacuation of Allied troops from the beaches and harbor of the northern French port of Dunkirk late in May 1940. In snatching redemption from what he had admitted was a "colossal military disaster," the prime minister cautioned his countrymen not to confer on "deliverance the attributes of a victory. Wars are not won by evacuations."

Nor financial stability by moneyprinting. No one thinks less of Powell for his love of country or his fear for its safety, but Fed chairmen fell victim to the Atlas Syndrome many years ago and they can't seem to shake it. Needled about the self-reverential title of his 2015 memoir, *The Courage to Act*, Ben Bernanke threw his wife under the bus—it was her idea, he said. Vainglory has almost become part of the monetary master's job description.

The impromptu English armada did what it had to do and then went home. Not so the Fed's permanent emergency task force, which puts to sea even at small provocations (e.g., the autumn 2019 tempest in the repo market) and never seems to disband.

A better historical touchstone than Dunkirk, if Powell is still looking for one, might be the Bank of England's blazing rescue of the English banking system during the frightful Panic of 1825. Well before the formalization of the doctrine of the lender of last resort, the Old Lady of Threadneedle Street improvised that role on the fly. "[W]e lent it by every possible means," a bank director, Jeremiah Harman, later testified, "and in modes that we had never adopted before ... in short by every possible means consistent with the safety of the Bank, and we were not upon some occasions not over nice; seeing the dreadful state in which the public were, we rendered every assistance in our power."

"Not over nice" is how Powell, too, might have put it, though he would not have thought to say "consistent with the safety of the Bank," because the Fed runs no risk of insolvency no matter how encumbered it becomes (it was leveraged 196.8:1 as of the March 24 statement date) or how exposed its



"Hear about that \$69 million NFT?"

bulging bond and mortgage portfolios might be to the risk of rising interest rates. It doesn't matter because, in 2011, the Treasury agreed to become the guarantor of the Fed's solvency (see, for instance, *Grant's*, April 7, 2017). In 1825, and up until 1946, the Bank of England was a joint stock bank with real stockholders to answer to.

Even so, the Bank of England broke norms in the throes of crisis. May the Fed not do the same?

In 1940, with Hitler at his throat, Churchill naturally gave no thought to the possible moral hazard surrounding Operation Dynamo. No future prime minister was going to run a gratuitous risk with a British expeditionary force because of the precedent of the Dunkirk deliverance.

It's a different story with monetary deliverance, especially when rescue operations cease to be extraordinary and start to become habitual. The mighty 2020 Federal Reserve interventions, whatever they did for Main Street, have set up tall expectations for the next financial disturbance.

Last spring, for the first time, the Fed bought corporate bonds. In the narrow, technocratic sense, the novelty succeeded, as the announcement effect, far more than the minimal purchases, pressed down business borrowing costs. So well did the gambit serve its purpose that, as Scott Minerd, chief investment officer of Guggenheim Investments, pointed out, it has probably found a permanent place in the Fed's famous "tool kit." "We have now socialized credit risk," Time magazine quoted him as saying last June. "And we have forever changed the nature of how our economy functions."

To promote "smooth market func-

Legal Notice

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Green Street

## MARCH 24, 2021

- 2 Paloma Seeding Ex-Millennium PM
- 2 Tech Startup Targeting Individuals
- **3** Equity Shop Broadens SPAC Play
- **3** Coltrane Vehicle Focusing on Europe
- 3 Japan Fund Launches Piling Up
- 5 Helm Scores on Greek Power Play
- 6 Quant Shop Offers Pooled Vehicle

8 LATEST LAUNCHES

#### THE GRAPEVINE

Neil Aggarwal, a senior portfolio manager and deputy chief investment officer at structured-product investor **Semper** Capital until late last year, joined multistrategy manager Verition Fund Man**agement** this month. Aggarwal traded mortgage-backed securities, assetbacked bonds and collateralized loan obligations at Semper, which he joined in 2017 after three years at **BlueCrest Capital.** He earlier worked at **Jefferies**, Barclays, Citigroup and KPMG. Verition manages \$3.5 billion, up from \$1 billion last March, as its multi-strategy fund gained 35% during that stretch. To keep up with its growth, the Greenwich, Conn., operation added three internal recruiters in recent weeks.

**Clay Calhoon** has joined **Crestline Investors** as a portfolio manager. He arrived at the Fort Worth, Texas, firm **See GRAPEVINE on Back Page** 

### **Artisan Unit Pops With Performance, Inflows**

THE WEEKLY UPDATE ON FUND MANAGEMENT INTELLIGENCE

edge Fund Aler

An autonomous fund-management group within **Artisan Partners** has more than doubled its assets since the start of last year through a combination of investor inflows and market-beating performance.

The firm's Antero Peak Group — rebranded in October from its original name of Artisan Thematic — runs \$3.9 billion, up from \$1.8 billion at the start of 2020.

The four-year-old investment team, led by former **Karsch Capital** and **Soros Fund Management** executive **Chris Smith**, conducts bottom-up fundamental analysis and seeks to identify signs of change in multi-year market trends to produce an allweather equity portfolio that typically contains 20 to 40 holdings.

The group's \$1 billion Antero Peak Long/Short Master Fund gained 22.1% in 2020 and has delivered an annualized return of 18.7% since inception in November 2017. The fund's top exposures were to information-technology, consumer-discretionary See ARTISAN on Page 7

### **CIBC Rolling Out Financing Options in US**

**CIBC's** prime-brokerage unit is expanding the menu of services it performs for large hedge fund operators in the U.S.

The bank's New York office this month began supplying so-called portfolio margin financing to clients. It also is aiming to start offering synthetic financing by August.

CIBC additionally is developing the capability to finance positions that U.S. managers hold in individual stocks in Europe and Asia. And this month, it began offering electronic trade execution under the name Direct Market Access.

Toronto-based CIBC has been handling prime-brokerage services for hedge fund managers in Canada since 2004. Its New York office got into the business in 2018, catering to established firms in the States that work with multiple banks but that want to add or replace a counterparty.

That group's services include clearing, custody and capital-introduction work. The See CIBC on Page 7

### Fund of Funds Scoring Big on Crypto Play

An Amsterdam fund-of-funds operator that invests with some of the industry's biggest names is increasingly focusing on digital-asset plays following impressive gains from a position in **Pantera Capital.** 

**Theta Capital's** Legends Fund rose 23.6% across January and February, propelled largely by its investment in the Pantera Early Stage Token Fund. That vehicle soared 70% in February. Overall, Theta's investment in the fund has gained 1,100% since it established the position on July 1, the firm wrote in an investor letter this month.

The Pantera boost also pushed the Legends Fund well ahead of the HFRX Global Hedge Fund Index (EUR), which was up 1.2% over the year's first two months.

Theta, led by **Tijo van Marle**, runs \$296 million in the Legends Fund. Separately, the firm raised \$115 million for the recent launch of its Theta Blockchain Ventures fund, which invests in venture capital funds that in turn take positions in early-stage

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Designers share the ideas behind their designs

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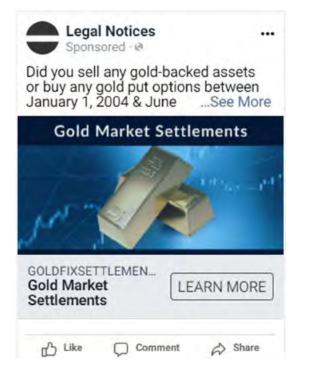
## Exhibit B

#### DISPLAY ADS



#### SOCIAL MEDIA ADS

Mobile



#### Desktop



Did you sell any gold-backed assets or buy any gold put options between January 1, 2004 & June 30, 2013? Class action settlements worth \$102 million may affect you.

....



## Exhibit C

S&P And Nasdaq Hit New All-Time High Closes



## S&P And Nasdaq Hit New All-Time High Closes



Image: Bigstock

Stocks finished mostly higher yesterday with both the S&P and the Nasdaq hitting new all-time high closes.

More than a third of the companies in the S&P will report earnings this week, with big names like Apple, Amazon, and Microsoft to name a few.

Tesla is also on that list and they reported yesterday after the close. They posted a 17.72% positive EPS surprise after hitting a record amount of deliveries, and a 0.97% positive sales surprise. For context, their earnings were up 304% y/y and sales were up 73.5% y/y. Pretty impressive all the way around. They were up 1.21% during the regular session yesterday. But they were down -1.90% in after-hours.

In other news, we got the Durable Goods Orders report yesterday. New orders were up 0.5%. That's below the consensus of 2.0%. But ex-Transportation, it was up 1.6% vs. the consensus for 1.5%. Core Capital Goods was up 0.9% vs. views for 1.5%.

And the Dallas Fed Manufacturing Survey came in at 37.3 (for the General Activity Index) vs. last month's 28.9. And the Production Index came in at 34.0 vs. last month's 48.0.

Today we'll get the Case-Shiller Home Price Index, the Richmond Fed Manufacturing Index, and Consumer Confidence.

We're also expected to hear more about the \$2.25 trillion infrastructure package, and the corporate tax increase to pay for it, along with the proposed \$1 trillion 'Families Plan' package, and the individual tax hikes, including a possible capital gains tax hike, to go with that.

And on Wednesday evening, we'll get the State of the Union address.

Should be a busy week.

In the meantime, the economic rebound is looking strong.

And so are stocks.

So make sure you're taking full advantage of it.

See you tomorrow,

Kovin KMO

Kevin Matras Executive Vice President, Zacks Investment Research

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Gold Markets Settlement – Court Authorized Notice

If you sold any physical gold or financial or derivative instrument where gold is the underlying reference asset, or you bought gold put options in transactions conducted over-the-counter or in whole or in part on COMEX or on any other exchange in the United States between January 1, 2004 and June 30,2013, you may be affected by pending class action settlements.

Learn more about the settlements at www.GoldFixSettlement.com Or call 1-844-271-4787 (in US & CA) or 1-267-238-9078 (Internationally)

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Earnings ESP. Read More »



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Each of these index stocks carries a Zacks Rank #2 and has a positive

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Bull of the Day: LeMatire Vascular (LMAT)

In a space that is seeing topline contraction, this stock is seeing topline growth, and lots of it! Read More »

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#### Did You Sell Any Gold-Backed Assets or Buy Any Gold Put Options Between January 1, 2004 & June 30, 2013?

GoldFixSettlement.com

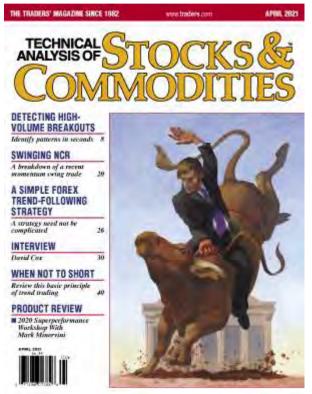
Class action settlements worth \$102 million may affect you.





## TECH TRADERS

The Technical Analysis of STOCKS & COMMODITIES Newsletter March 2021



#### DEPARTMENTS

<u>Algo Q&A</u> —Kevin J. Davey <u>Books For Traders</u> Letters to S&C Optimized Trading Systems TRADERS' RESOURCE: Forex Brokerages

#### FEATURE ARTICLE + TIPS: Detecting High-Volume Breakouts by Markos Katsanos

<u>Swinging NCR</u> by Thomas Bulkowski

<u>A Simple Forex Trend-Following Strategy</u> by Azeez Mustapha

INTERVIEW: <u>A Discussion With David Cox</u> by Leslie N. Masonson

<u>Swing Trading Volatile Reversals</u> by Ken Calhoun

The Time To Short A Stock Is Not When It's In An Uptrend by Stella Osoba, CMT

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**PRODUCT REVIEW:** 2020 Master Trader Program: Superperformance Workshop With Mark Minervini

FROM THE STORE: **Breadth Of Fresh Air** by Gregory L. Morris

**FROM THE STORE:** Applying statistical pattern recognition to commodity trading systems by Scott Brill



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#### **TRADERS' RESOURCE: FOREX BROKERAGES**

Foreign exchange traders have more choices than ever in their ongoing search for speed, pricing efficiency, and good accounting when it comes to forex brokerages. First, you must find a forex brokerage that handles your particular currency cross or pair. You should also look at margin requirements/leverage, and whether the broker offers a mini account. With a little research, you will be able to find a forex brokerage targeted on your interest.

Your first question might be, "How fast can I execute an order?" Test out a demo account offered by the brokerage. This gives you the opportunity to see if the prices on the screen are actually honored and the speed at which your order gets executed.

A forex brokerage's ability to provide market statistics, hedging activity reports, and other such information may be critical to your trading and investing decisions.

For more complete information, see the Traders' Resource area at our website, www.Traders.com.

TOP 10 VIEWED FOREX BROKERAGES		
PRODUCT	COMPANY	
1. Interactive Brokers	Interactive Brokers	
2. NinjaTrader Brokerage	NinjaTrader Group, LLC	
3. TradeView Forex	TradeView Ltd.	
4. AGN Futures	AGN Futures	
5. FXCM	Forex Capital Markets LLC	
6. Robbins Trading Company	Robbins Trading Company	
7. GFF Brokers	Global Futures & Forex, Inc.	

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8. TradeStation	TradeStation
9. ApexFutures.com	ApexFutures.com
10. FOREX.com	FOREX.com

These are the 10 forex broker listings clicked on most often on the Traders' Resource website. Each company is listed in order of clicks received. This is not an editorial rating or ranking. For more information on specific products and services, try checking <u>store.Traders.com</u> for archived S&C product reviews.



#### **FROM THE STORE**

Breadth Of Fresh Air by Gregory L. Morris

The significance of the levels of the McClellan summation index can help improve your trading results.

I was writing my second book, *The Complete Guide To Market Breadth Indicators*, when I became aware of some significant facts. Here's one: If you had to I select one market breadth indicator that would tell you when to invest and when to be on the sidelines, which would it be? During my research, I discovered it would be the McClellan summation index.

Why, you ask? I'll tell you—but before I do, here's a quick rundown on the topics I'll have to cover in order to fully explain why ...

#### FROM THE STORE

Applying statistical pattern recognition to commodity trading systems by Scott Brill

Statistical pattern recognition (SPR) is a subfield of artificial intelligence concerned with automatic recognition of meaningful regularities in noisy or complex environments. Since the early 1960s, a large body of these techniques have been developed to solve problems ranging from machine vision and machine recognition of human speech to bankruptcy prediction. In this article, we will introduce you to some basic SPR tools which can be used to create automatic trading systems, and give two demonstrations of how these may be applied to a weekly gold trading scenario using a personal computer ...



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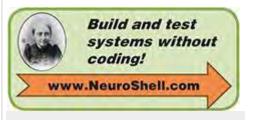
INTENSIVE OPTION MENTORING McMillan Analysis, Corp. "tailored to my knowledge" "can't recommend it enough" "program paid for itself" Mentor@OptionStrategist.com

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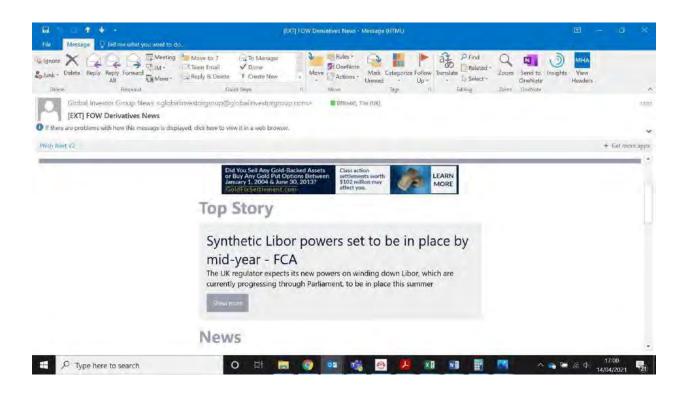
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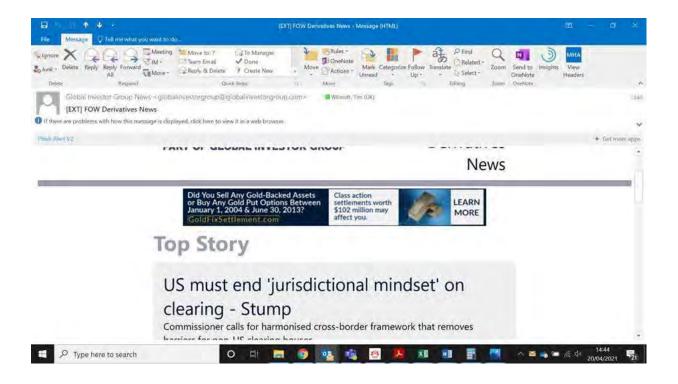
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# Barchart.com's Chart of the Day - Sallie Mae

March 29, 2021: Published by Barchart.com

Did You Sell Any Gold-Backed Assets or Buy Any Gold Put Options Between January 1, 2004 & June 30, 2013?

Class action settlements wort \$102 million may

<u>The Barchart Chart of the Day</u> belongs to <u>SLM Corp (NASDAQ:SLM</u>) the student loan company normally known as Sallie Mae. I found the stock by using Barchart's powerful screening tools to find the stocks with the highest Weighted Alpha and technical buy signals. After I sorted for the most frequent number of new highs in the last month I used the Flipchart feature to review the charts for consistent prices appreciation. Since the Trend Spotter signaled a buy on 1/19 the stock gained 28.89%.

SLM Corporation (Sallie Mae) is the nation's saving, planning, and paying for college company. Whether college is a long way off or just around the corner, Sallie Mae offers products that promote responsible personal finance, including private education loans, Upromise rewards, scholarship search, college financial planning tools, and online retail banking.

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Barchart's Opinion Trading systems are listed below. Please note that the Barchart Opinion indicators are updated live during the session every 20 minutes and can therefore change during the day as the market fluctuates. The indicator numbers shown below therefore may not match what you see live on the <u>Barchart.com</u> website when you read this report.

Barchart technical indicators:

100% technical buy signals
216.72+ Weighted Alpha
146.59% gain in the last year
Trend Spotter buy signal
Above its 20, 50 and 100 day moving averages
10 new highs and up 14.63% in the last month
Relative Strength Index 70.80%
Technical support level at 17.29
Recently traded at 17.89 with a 50 day moving average of 15.44

Fundamental factors:

Market Cap \$6.51 billion P/E 7.77 Dividend yield .67% Revenue expected to be down 10.10% this year and another .60% next year Earnings estimated to increase 4.00% this year, an additional 6.50% next year and continue to compound at an annual rate of 20.00% for the next 5 years Wall Street analysts issued 4 strong buy, 5 buy and 1 hold recommendation on the stock The individual investors following the stock on Motley Fool voted 376 to 89 that the stock will beat the market 5,220 investors are monitoring the stock on Seeking Alpha The Barchart Chart of the Day highlights stocks that are experiencing exceptional current price appreciation. They are not intended to be buy recommendations as these stock are extremely volatile and speculative. Should you decide to add one of these stocks to your investment portfolio it is highly suggested you follow a predetermined diversification and moving stop loss discipline that is consistent with your personal investment risk tolerance and reevaluate your stop losses at least on a weekly basis.

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# Barchart.com's Chart of the Day - Citizens Community Bancorp

April 5, 2021: Published by Barchart.com

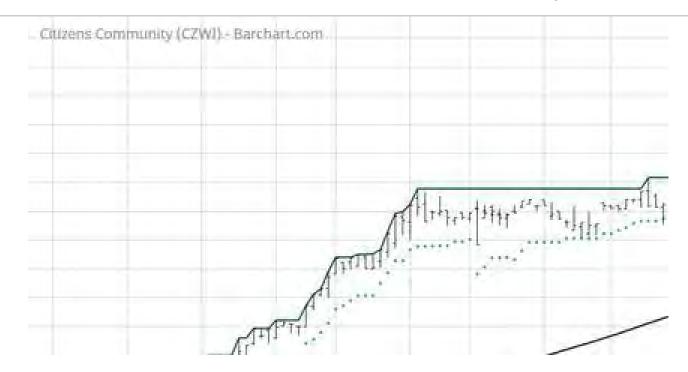
Did You Sell Any Gold-Backed Assets or Buy Any Gold Put Options Between January 1, 2004 & June 30, 2013?

Class action settlements worth \$102 million may

<u>The Barchart Chart of the Day</u> belongs to the Wisconsin based regional bank <u>Citizens Community</u> <u>Bancorp (NASDAQ:CZWI</u>). I found the stock by using Barchart's powerful screening tools to find the stocks with the highest Weighted Alpha and technical buy signals. After I sorted for the most frequent number of new highs in the last month, I used the Flipchart feature to review the charts for consistent prices appreciation. Since the Trend Spotter signaled a buy on 1/12 the stock gained 17.58%.

Citizens Community Bancorp, Inc. operates as a bank holding company for Citizens Community Federal N.A. that provides various traditional community banking services to businesses, agricultural operators, and consumers. The company accepts various deposit products, including demand deposits, savings and money market accounts, and certificates of deposit. It also offers various loan products comprising commercial real estate, commercial and industrial, agricultural real estate, agricultural operating, and consumer loans; and residential mortgages and home equity lines-of-credit. In addition, the company provides a portfolio of investments, such as mortgage-backed, corporate asset-backed, U.S. Government sponsored agency, corporate debt, and trust preferred securities. It operates through a network of 25 branch locations in Wisconsin and Minnesota. The company was founded in 1938 and is based in Eau Claire, Wisconsin.

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Barchart's Opinion Trading systems are listed below. Please note that the Barchart Opinion indicators are updated live during the session every 20 minutes and can therefore change during the day as the market fluctuates. The indicator numbers shown below therefore may not match what you see live on the <u>Barchart.com</u> website when you read this report.

Barchart technical indicators:

100% technical buy signals
115.34+ Weighted Alpha
142.50% gain in the last year
Trend Spotter buy signal
Above its 20, 50 and 100 day moving averages
11 new highs and up 17.58% in the last month
Relative Strength Index 69.99%
Technical support level at 12.48
Recently traded at 13.21 with a 50 day moving average of 11.66

Fundamental factors:

Market Cap \$136 million P/E 11.18 Dividend yield 1.84% Revenue expected to be down .50% this year and another 7.50% next year Earnings estimated to increase by 24.30% this year but decrease by 23.90% next year Wall Street analysts issued 1 strong buy, 1 buy and 1 hold recommendation on the stock Only 279 investors are monitoring the stock on Seeking Alpha

The Barchart Chart of the Day highlights stocks that are experiencing exceptional current price appreciation. They are not intended to be buy recommendations as these stock are extremely volatile and speculative. Should you decide to

add one of these stocks to your investment portfolio it is highly suggested you follow a predetermined diversification and moving stop loss discipline that is consistent with your personal investment risk tolerance and reevaluate your stop losses at least on a weekly basis.

DTES	00710110	
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If you sold any physical gold or financial or derivative instrument where gold is the underlying reference asset, or you bought gold put options in transactions conducted over-the-counter or in whole or in part on COMEX or on any other exchange in the United States between January 1, 2004 and June 30, 2013, you may be affected by pending class action settlements.

English PR Newswire ID: 3104408-1 Clear Time Mar 22, 2021 11:45 AM ET

Pickup

188M

TOTAL POTENTIAL AUDIENCE

TOP EXACT MATCH PICKUP



Yahoo! Finance 57M visitors/month [1]



MarketWatch 36M visitors/month <sup>[1]</sup>



AP NEWS [The ... 35M visitors/month <sup>[1]</sup>

Seeking Alpha Seeking Alpha 10M visitors/mo



10M visitors/month <sup>[1]</sup> Markets Insider



PR Newswire 8M visitors/month <sup>[1]</sup>

10M visitors/month [1]



Benzinga 7M visitors/month<sup>[1]</sup>



Finanzen.net 7M visitors/month<sup>[1]</sup>



Morningstar 3M visitors/month<sup>[1]</sup>

MarketScreener 1M visitors/month [1]



StreetInsider 962K visitors/month <sup>[1]</sup>



Finanzen.ch 564K visitors/month<sup>[1]</sup>



StockHouse.com 522K visitors/month <sup>[1]</sup>



KTVN-TV CBS-2... 399K visitors/month [1]



WBOC-TV CBS-1... 340K visitors/month [1] 100

TOTAL EXACT MATCHES

#### Case 1:14-md-02548-VEC Document 562-4 Filed 07/09/21 Page 3 of 28

\*DATA SOURCES: [1] SimilarWeb [2] ALEXA, [3] SITEWORTHTRAFFIC.COM [4] CISION DIGITAL REACH

\*THE DATA CITED HERE BY SIMILARWEB REPRESENTS SITE TRAFFIC DATA OF WORLDWIDE UNIQUE VISITORS ON DESKTOP AND MOBILE DEVICES. DATA IS UPDATED

MONTHLY.

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Views & Engagement data will continue to mature over time. Totals below are expected to have reached 98% maturity when the circles below are darker in color.

22 CLICK-THROUGHS 2,217 RELEASE VIEWS

Distribution

1K

TOTAL AP OUTLETS DISTRIBUTED

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CISION INFLUENCER LISTS



C-SPAN 86M Visitors/Month Washington, DC



Scribd, Inc. 43M Visitors/Month San Francisco, CA



FoxNews.com 32M Visitors/Month New York, NY



CBS News Radio 30M Visitors/Month New York, NY



New York Time... 29M Visitors/Month New York, NY



Apple Inc. 29M Visitors/Month Cupertino, CA

CNBC.com

#### 577

TOTAL INFLUENCERS DISTRIBUTED

# Case 1:14-md-02548-VEC Document 562-4 Filed 07/09/21 Page 4 of 28 26M Visitors/Month

CBSnews.com 26M Visitors/Month New York, NY

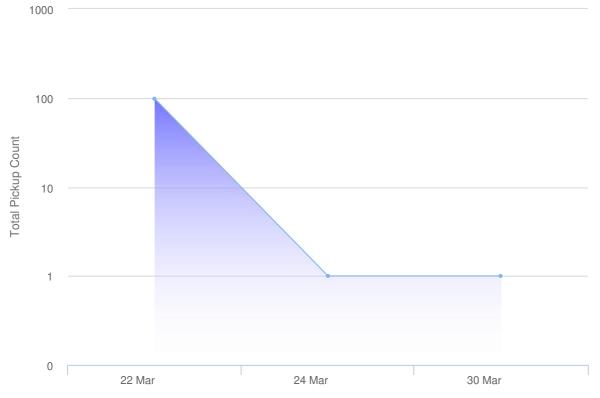
Englewood Cliffs, NJ

List Name	Outlet	Recipients
Mutual Funds	Barron's   Magazine	6
Mutual Funds	Bloomberg News	6
Mutual Funds	Wall Street Journal	6
Mutual Funds	Gartner	5
Mutual Funds	IBD Weekly   Communit	5
Mutual Funds	Ignites.com	5

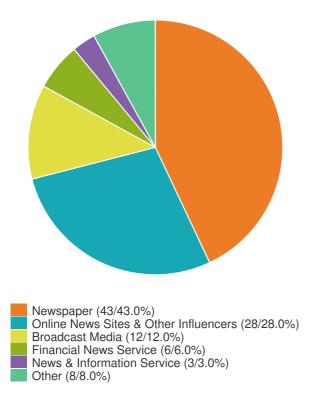
# Pickup

# Overview TOTAL PICKUP 100 TOTAL POTENTIAL AUDIENCE 188M Exact Match 100 postings Exact Match 188M visitors

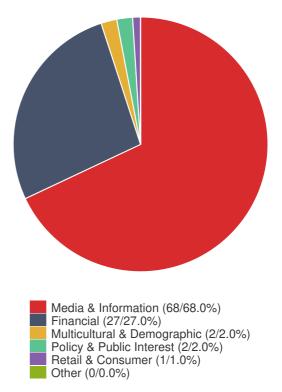
#### Total Pickup Over Time Total pickup since your content was distributed



#### Total Pickup by Source Type



#### Total Pickup by Industry



#### **Exact Match Pickup**

Exact matches are full text postings of your content which we have found in the online and social media that we monitor. Understand how it is calculated.

#### Total Exact Matches: **100** Total Potential Audience: **188,542,065**

Logo	Outlet Name	Location	Source Type	Industry	Potential Audience
yahoo!	Yahoo! Finance Online 🖵 View Release	Global	Online News Sites & Other Influencers	Media & Information	57,442,780 <sup>[1]</sup> visitors/month
Market Watch	MarketWatch Online 🖵 View Release	United States	Online News Sites & Other Influencers	Financial	36,364,389 <sup>[1]</sup> visitors/month
AP	AP NEWS [The Associated Press] Online 🖵 View Release	United States	News & Information Service	Media & Information	35,932,710 <sup>[1]</sup> visitors/month
Seeking Alpha	Seeking Alpha Online 🖵 View Release	United States	Online News Sites & Other Influencers	Financial	10,777,171 <sup>[1]</sup> visitors/month
MARKETS INSIDER	Markets Insider Online 🖵 View Release	Global	Online News Sites & Other Influencers	Financial	10,037,291 <sup>[1]</sup> visitors/month

CISION PR Mensaria	PR Newswire Online 🖵 View Release	Global	PR Newswire	Media & Information	8,488,264 <sup>[1]</sup> visitors/month
BENZINGA	Benzinga Online 🖵 View Release	United States	Online News Sites & Other Influencers	Financial	7,919,951 <sup>[1]</sup> visitors/month
finanzen net	Finanzen.net Online 🖵 View Release	Germany	Online News Sites & Other Influencers	Financial	7,883,457 <sup>[1]</sup> visitors/month
MORNINGSTAR	Morningstar Online 🖵 View Release	Global	Financial Data, Research & Analytics	Financial	3,700,752 <sup>[1]</sup> visitors/month
Market Screener	MarketScreener Online 🖵 View Release	Global	Online News Sites & Other Influencers	Financial	1,743,027 <sup>[1]</sup> visitors/month
streetInsider.com Voorwarinka, porvariak	StreetInsider Online 🖵 View Release	United States	Online News Sites & Other Influencers	Financial	962,716 <sup>[1]</sup> visitors/month
finanzen ch	Finanzen.ch Online 🖵 View Release	Switzerland	Online News Sites & Other Influencers	Financial	564,666 <sup>[1]</sup> visitors/month
Stockhouse.	StockHouse.com Online 🖵 View Release	Canada	News & Information Service	Financial	522,019 <sup>[1]</sup> visitors/month
2 NEWS	KTVN-TV CBS-2 [Reno, NV] Online 🖵 View Release	United States	Broadcast Media	Media & Information	399,304 <sup>[1]</sup> visitors/month
WBOC <u>16</u>	WBOC-TV CBS-16 [Salisbury, MD] Online 🖵 View Release	United States	Broadcast Media	Media & Information	340,829 <sup>[1]</sup> visitors/month
finanzen at	Finanzen.at Online 🖵 View Release	Germany	Online News Sites & Other Influencers	Financial	316,798 <sup>[1]</sup> visitors/month
Financial	FinancialContent - PR Newswire Online 🖵 View Release	United States	Financial News Service	Media & Information	250,855 <sup>[1]</sup> visitors/month
	WRAL-TV CBS-5 [Raleigh, NC] Online 🖵 View Release	United States	Broadcast Media	Media & Information	250,855 <sup>[1]</sup> visitors/month
Townhall	Townhall Finance Online 🖵 View Release	United States	Financial News Service	Media & Information	250,855 <sup>[1]</sup> visitors/month

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TAXA SCIENCES	Tamar Securities Online 🖵 View Release	United States	Online News Sites & Other Influencers	Financial	250,855 <sup>[1</sup> visitors/montl
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rrstar.com	Rockford Register Star [Rockford, IL] Online 🖵 View Release	United States	Newspaper	Media & Information	250,855 <sup>[1</sup> visitors/montl
GREATAMERICAN INNER HISIRIT	Great American Financial Resources Online 🖵 View Release	United States	News & Information Service	Financial	250,855 <sup>[1</sup> visitors/montl
FRANKLINGHEDIT Antiker sonaars	Franklin Credit Management Online 🖵 View Release	United States	Online News Sites & Other Influencers	Financial	250,855 <sup>[1</sup> visitors/montl
Value Investing News	Value Investing News Online 🖵 View Release	United States	Financial News Service	Financial	250,855 <sup>[1</sup> visitors/montl
Dow Theory Letters gliowTheoryLumina	Dow Theory Letters Online 🖵 View Release	United States	Banking & Financial Institutions	Financial	250,855 <sup>[1</sup> visitors/montl
Daily Penny Alerts	Daily Penny Alerts Online 🖵 View Release	United States	Online News Sites & Other Influencers	Financial	250,855 <sup>[</sup> visitors/mont
Participant Education Center	Benefit Plans Administrative Services Online 🖵 View Release	United States	Online News Sites & Other Influencers	Financial	250,855 <sup>[</sup> visitors/mont
ascensus'	Ascensus Online 🖵 View Release	United States	Online News Sites & Other Influencers	Financial	250,855 <sup>[</sup> visitors/mont
J 1st Deccunt Brokenage TELes How Bilds SP	1st Discount Brokerage Online 🖵 View Release	United States	Financial News Service	Financial	250,855 <sup>[</sup> visitors/mont
DAILY FREEMAN	Daily Freeman [Kingston, NY] Online 🖵 View Release	United States	Newspaper	Media & Information	245,055 <sup>[</sup> visitors/mont
Daily Journal	Daily Journal [Tupelo, MS] Online 🖵 View Release	United States	Newspaper	Media & Information	219,784 <sup>[</sup> visitors/mont
FOX 40	WICZ-TV FOX-40 [Binghamton, NY] Online 🖵 View Release	United States	Broadcast Media	Media & Information	175,475 <sup>[</sup> visitors/mont
OLEAN TIMES HER ALD	Olean Times Herald [Olean, NY] Online 🖵 View Release	United States	Newspaper	Media & Information	140,476 <sup>[</sup> visitors/mont

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<b>G</b> KPVI	KPVI-TV NBC-6 Online 🖵 View Release	United States	Broadcast Media	Media & Information	136,426 <sup>[1</sup> visitors/month
NEWS	Suncoast News Network [Sarasota, FL] Online 🖵 View Release	United States	Broadcast Media	Media & Information	105,752 <sup>[1</sup> visitors/month
RFDTTV	RFD-TV [Nashville, TN] Online 🖵 View Release	United States	Broadcast Media	Media & Information	96,108 <sup>[1</sup> visitors/montł
THE SABATOGAN	The Saratogian [Saratoga Springs, NY] Online 🖵 View Release	United States	Newspaper	Media & Information	85,510 <sup>[1</sup> visitors/montl
WRDE	WRDE-TV CBS [Milton, DE] Online 🖵 View Release	United States	Broadcast Media	Media & Information	80,570 <sup>[1</sup> visitors/montl
One News Page 🌖	One News Page Global Edition Online 🖵 View Release	Global	Online News Sites & Other Influencers	Media & Information	79,208 <sup>[1</sup> visitors/montl
THE RECORD	The Record [Troy, NY] Online 🖵 View Release	United States	Newspaper	Media & Information	44,248 <sup>[</sup> visitors/mont
Olicida Daily Dispatch	Oneida Dispatch [Oneida, NY] Online 🖵 View Release	United States	Newspaper	Media & Information	39,808 <sup>[</sup> visitors/mont
SALAMANCH PRESS	Salamanca Press Online 🖵 View Release	United States	Newspaper	Media & Information	24,115 <sup>[</sup> visitors/mont
RUN THE MONEY	RUN THE MONEY Online 🖵 View Release	United States	Online News Sites & Other Influencers	Financial	20,701 <sup>[</sup> visitors/mont
h Fig. Heart	Daily Herald [Chicago, IL] Online 🖵 View Release	United States	Newspaper	Media & Information	18,756 <sup>[</sup> visitors/mont
NewsBlaze	NewsBlaze US Online 🖵 View Release	United States	Online News Sites & Other Influencers	Media & Information	16,388 <sup>[</sup> visitors/mont
F0X <u>34</u>	WDFX-TV FOX-34 [Dothan, AL] Online 🖵 View Release	United States	Broadcast Media	Media & Information	15,584 <sup>[</sup> visitors/mont
DALLY RESS.COM	The Daily Press [St. Marys, PA] Online 🖵 View Release	United States	Newspaper	Media & Information	10,885 [ visitors/mont
FOX 43	WTNZ FOX-43 (Knoxville, TN) Online 🖵 View Release	United States	Broadcast Media	Media & Information	10,032 <sup>[1</sup> visitors/montl

Magazinestoday	Magazines Today Online 🖵 View Release	Global	Trade Publications	Media & Information	9,667 <sup>[1]</sup> visitors/month
RECORD	Ridgway Record [Ridgway, PA] Online 🖵 View Release	United States	Newspaper	Media & Information	4,589 <sup>[1]</sup> visitors/month
ikkertechan	Ticker Technologies Online 🖵 View Release	United States	Financial News Service	Financial	4,542 <sup>[1]</sup> visitors/month
T TownNews	Town News Online 🖵 View Release	United States	Newspaper	Media & Information	4,442 <sup>[1]</sup> visitors/month
NEWSOK	Oklahoman [Oklahoma City, OK] Online 🖵 View Release	United States	Newspaper	Media & Information	4,240 <sup>[1]</sup> visitors/month
Dittsburgh Dost-Gazette cost-gazetz com	Pittsburgh Post-Gazette [Pittsburgh, PA] Online 🖵 View Release	United States	Newspaper	Media & Information	4,174 <sup>[1]</sup> visitors/month
MINYANVILLE	Minyanville Online 🖵 View Release	United States	Online News Sites & Other Influencers	Financial	3,805 <sup>[1]</sup> visitors/month
THE BUFFALO NEWS	Buffalo News [Buffalo, NY] Online  View Release	United States	Newspaper	Media & Information	3,270 <sup>[1]</sup> visitors/month
MY SILLY LITTLE CANC	My Silly Little Gang Online 🖵 View Release	United States	Blog-Parental Influencers	Retail & Consumer	2,507 <sup>[1]</sup> visitors/month
MYMOTHERLODE an	myMotherLode.com [Sonora, CA] Online 🖵 View Release	United States	Newspaper	Media & Information	2,068 <sup>[1]</sup> visitors/month
Morning <mark>News</mark>	The Morning News [Blackfoot, ID] Online 🖵 View Release	United States	Newspaper	Media & Information	2,022 <sup>[1]</sup> visitors/month
FOX 28	WPGX-TV FOX-28 [Panama City, FL] Online 🖵 View Release	United States	Broadcast Media	Media & Information	1,869 <sup>[1]</sup> visitors/month
THE SPIRIT	The SPIRIT Online 🖵 View Release	United States	Newspaper	Media & Information	1,864 <sup>[1]</sup> visitors/month
T.U.B Investing	T.U.B Investing Online 🖵 View Release	Singapore	Blog	Financial	1,741 <sup>[1]</sup> visitors/month

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PROFIT QUOTES	ProfitQuotes Online 🖵 View Release	United States	Financial News Service	Financial	1,646 <sup>[1</sup> visitors/month
One News Page 🐧	One News Page United States Edition Online 🖵 View Release	United States	Online News Sites & Other Influencers	Media & Information	1,497 <sup>[1</sup> visitors/month
	KJUN-TV / KFOL-TV HTV10 [Houma, LA] Online 🖵 View Release	United States	Broadcast Media	Media & Information	1,489 <sup>[1</sup> visitors/montl
BORGER NEWS-BERALD	Borger News Herald [Borger, TX] Online 🖵 View Release	United States	Newspaper	Media & Information	1,161 <sup>[1</sup> visitors/montl
Starkville Dailt News	Starkville Daily News [Starkville, MS] Online 🖵 View Release	United States	Newspaper	Media & Information	814 <sup>[1</sup> visitors/montl
Axcess News	Axcess News Online 🖵 View Release	United States	Online News Sites & Other Influencers	Media & Information	794 <sup>[1</sup> visitors/montl
LATIN BUSINESS TODAY	Latin Business Today Online 🖵 View Release	United States	Online News Sites & Other Influencers	Multicultural & Demographic	783 <sup>[1</sup> visitors/montl
The Chronicle Journal	The Chronicle Journal [Thunder Bay, ON] Online 🖵 View Release	Canada	Newspaper	Media & Information	777 [ visitors/mont
Prittle Prattle News	Prittle Prattle News Online 🖵 View Release	Global	Online News Sites & Other Influencers	Media & Information	679 <sup>[</sup> visitors/mont
Window, hore - Condey, Inc.	Winslow, Evans & Crocker Online 🖵 View Release	United States	Online News Sites & Other Influencers	Financial	633 [ visitors/mont
DAILY NEWS	Wapakoneta Daily News [Wapakoneta, OH] Online 🖵 View Release	United States	Newspaper	Media & Information	624 [ visitors/mont
	Latin Trade Online 🖵 View Release	United States	Trade Publications	Multicultural & Demographic	590 <sup>[1</sup> visitors/montl
THE SALINE COURIER	The Saline Courier [Benton, AR] Online 🖵 View Release	United States	Newspaper	Media & Information	581 <sup>[</sup> visitors/mont
The Reine	Valley City Times-Record [Valley City, ND] Online 🖵 View Release	United States	Newspaper	Media & Information	555 <sup>[</sup> visitors/mont
	CommunityNews Online 🖵 View Release	United States	Newspaper	Media & Information	554 <sup>[</sup> visitors/mont

#### Case 1:14-md-02548-VEC Document 562-4 Filed 07/09/21 Page 12 of 28

		ocument			
R <mark>ik Lapillen</mark>	The Kane Republican [Kane, PA] Online 🖵 View Release	United States	Newspaper	Media & Information	476 [ visitors/mont
Malvern Daily Record	Malvern Daily Record [Malvern, AR] Online 🖵 View Release	United States	Newspaper	Media & Information	472 [ visitors/mont
PUNXSUTAWNEYSPIRIT	The Punxsutawney Spirit [Punxsutawney, PA] Online 🖵 View Release	United States	Newspaper	Media & Information	383 visitors/mon
hil <u>y (Tims L</u> ader	Daily Times Leader [West Point, MS] Online 🖵 View Release	United States	Newspaper	Media & Information	357 visitors/mon
nepilofrews.com	The Pilot News [Plymouth, IN] Online 🖵 View Release	United States	Newspaper	Media & Information	350 visitors/mon
Okserver Neus Euterprise rww.dsservernuwsenline.com	The Observer News Enterprise [Newton, NC] Online 🖵 View Release	United States	Newspaper	Media & Information	350 l visitors/mon
HERAD	Big Spring Herald [Big Spring, TX] Online 🖵 View Release	United States	Newspaper	Media & Information	342 visitors/mon
Evening LEADER Demonstration	The Evening Leader [St. Marys, OH] Online 🖵 View Release	United States	Newspaper	Media & Information	323 visitors/mon
h <mark>e Community Post</mark> ming communities are 1980	Minster Community Post [Minster, OH] Online 🖵 View Release	United States	Newspaper	Media & Information	309 visitors/mon
PAT PITCH FIXANCIALS	Fat Pitch Financials Online 🖵 View Release	United States	Online News Sites & Other Influencers	Financial	300 visitors/mon
weetwarme Reporter	Sweetwater Reporter [Sweetwater, TX] Online 🖵 View Release	United States	Newspaper	Media & Information	251 visitors/mon
Deer Park Tribune &	The Deer Park Tribune [Deer Park, WA] Online 🖵 View Release	United States	Newspaper	Media & Information	242 l visitors/mon
The June Register	Inyo Register [Bishop, CA] Online 🖵 View Release	United States	Newspaper	Media & Information	230 visitors/mon
Aammoth Times	Mammoth Times [Mammoth Lakes, CA] Online 🖵 View Release	United States	Newspaper	Media & Information	205 visitors/mon
Post Mail	The Post and Mail [Columbia City, IN] Online 🖵 View Release	United States	Newspaper	Media & Information	194 visitors/mon

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1stCounsel	1stCounsel Online 🖵 View Release	United States	Online News Sites & Other Influencers	Policy & Public Interest	88 <sup>[1</sup> visitors/montl
nanhattanweek.com	Manhattanweek Online 🖵 View Release	United States	Online News Sites & Other Influencers	Media & Information	62 [ visitors/mont
OTTAU DAILY NEWS	Poteau Daily News [Poteau, OK] Online 🖵 View Release	United States	Newspaper	Media & Information	62 [ visitors/mont
Decatur Daily denoeraa	Decatur Daily Democrat [Decatur, IN] Online 🖵 View Release	United States	Newspaper	Media & Information	62 [ visitors/mont
AMERICAN	The Antlers American [Antlers, OK] Online 🖵 View Release	United States	Newspaper	Media & Information	55 [ visitors/mont
Business Class News	Business Class News Online 🖵 View Release	United States	Blog	Media & Information	Not Availabl
Canadian <b>on</b> Journalism <mark>Violance</mark> Forum <b>and Traum</b> a	Canadian Journalism Forum on Violence and Trauma Online 🖵 View Release	Canada	Online News Sites & Other Influencers	Policy & Public Interest	Not Availabl

# \*Data sources: [2] Alexa, [3] siteworthtraffic.com [4] Cision Digital [1]

\*The data cited here by SimilarWeb represents site traffic data of worldwide unique visitors on desktop and mobile devices. Data is updated monthly.

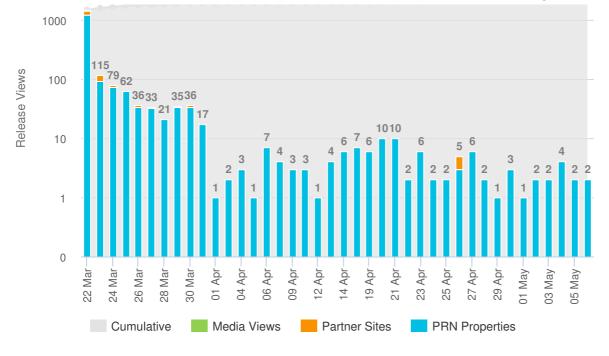
# Traffic

## Overview

RELEASE VIEWS & HITS	2K	MULTIMEDIA	
elease Views	2K		
Media Views	46		
Public Views	2K		
Partner Sites	273		
PR Newswire Properties	1K		
Release Web Crawler Hits	540		

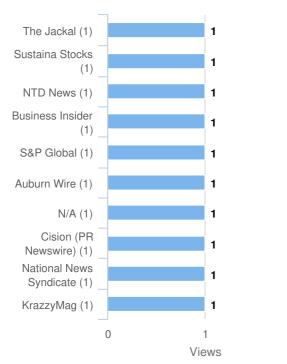
Release Views Release Views Over Time





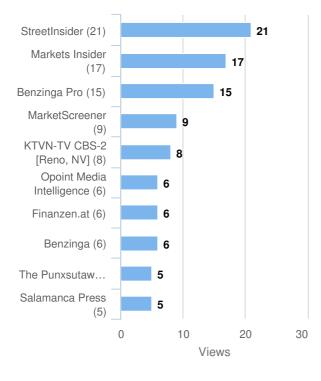
2

#### Media Views on PR Newswire for Journalists



#### Top 10 Outlets

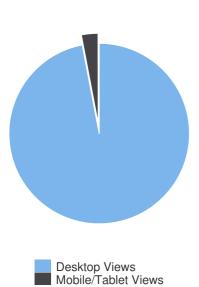
#### Views on Partner Sites



#### Top 10 Sites

#### Traffic to PR Newswire Properties

#### Type of Views



V	iews

Туре	Views
Desktop Views	1,841
Mobile/Tablet Views	57
Total Views on PR Newswire Properties	1,898

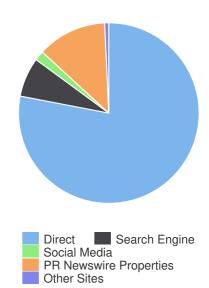
#### **External Traffic Sources**

Understand how viewers found your release.

Source Type	Source	Instances
Direct		1,481
Direct	Direct	1,481
✓ Search Engine (5)		134
Total		1,898

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Source Type	Source	Instances
Search Engine	Google	128
Search Engine	Start Page	3
Search Engine	Yahoo!	1
Search Engine	Baidu	1
Search Engine	Bing	1
✓ Social Media (1)		33
Social Media	Twitter	33
~ PR Newswire Properties (2)		236
PR Newswire Properties	prnewswire.com	234
PR Newswire Properties	prnewswire.co.uk	2
<ul><li>✓ Other Sites (10)</li></ul>		14
Other Sites	osti.gov	2
Other Sites	web.archive.org	2
Other Sites	gannett-cdn.com	2
Other Sites	mma.prnewswire.com	2
Other Sites	wikitravel.org	1
Other Sites	i.ytimg.com	1
Other Sites	cityfalcon.com	1
Other Sites	ncbi.nlm.nih.gov	1
Other Sites	news.cura.preqin.com	1
Other Sites	medisys.newsbrief.eu	1
Total		1,898



# Audience

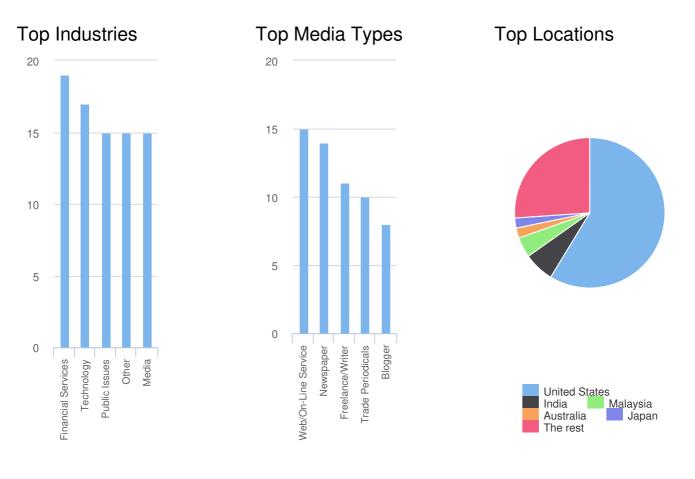
#### Overview

Organization Views	0		JII
Media Views	46	Targeted Influencers	577
		Wire Distribution / AP Outlets	1K
VIEWS FRC	M IDENTIFIED AUDIENCES 54	AP & INFLUENCER LIST RECIP	IENTS 1.7K

## Audience Summary

#### Media Demographics

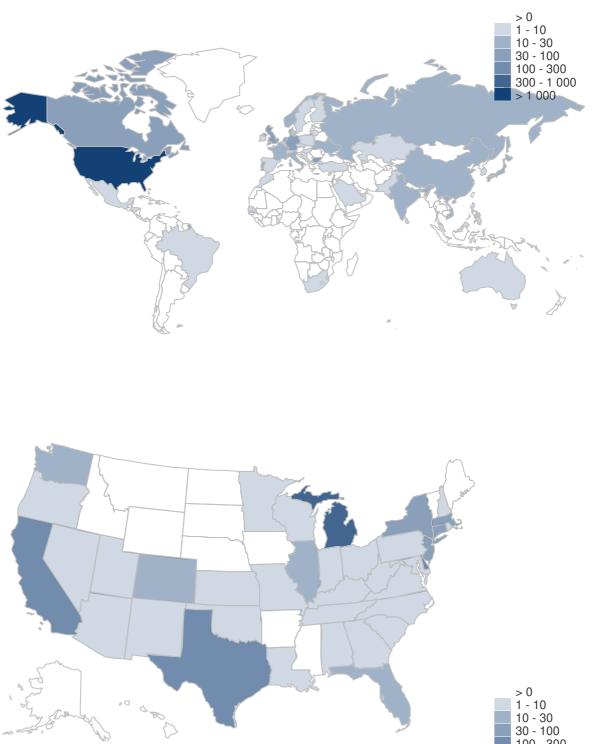
A break down of the industries covered, the media types and the locations of the journalists & bloggers accessing your release on PR Newswire for Journalists.



Geo-segmentation

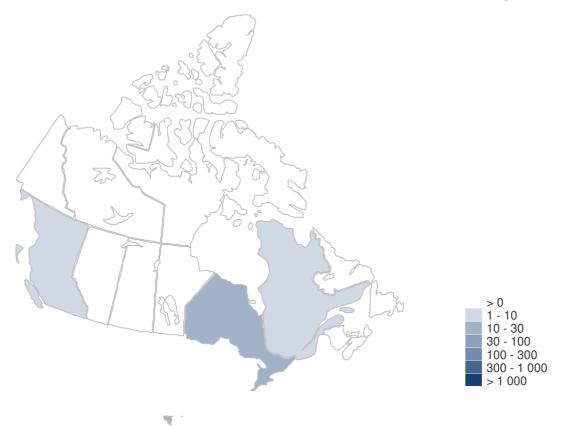
Case 1:14-md-02548-VEC Document 562-4 Filed 07/09/21 Page 19 of 28 See where views of your release originated. Hover over map to see totals by location. Select a region:

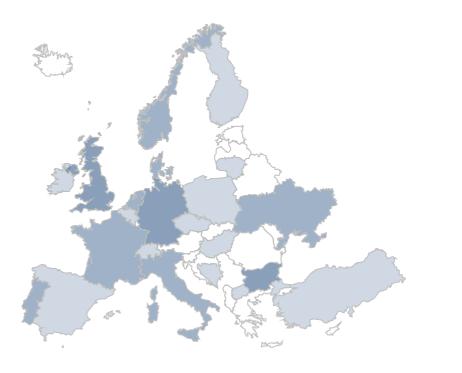
World View

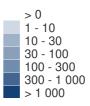


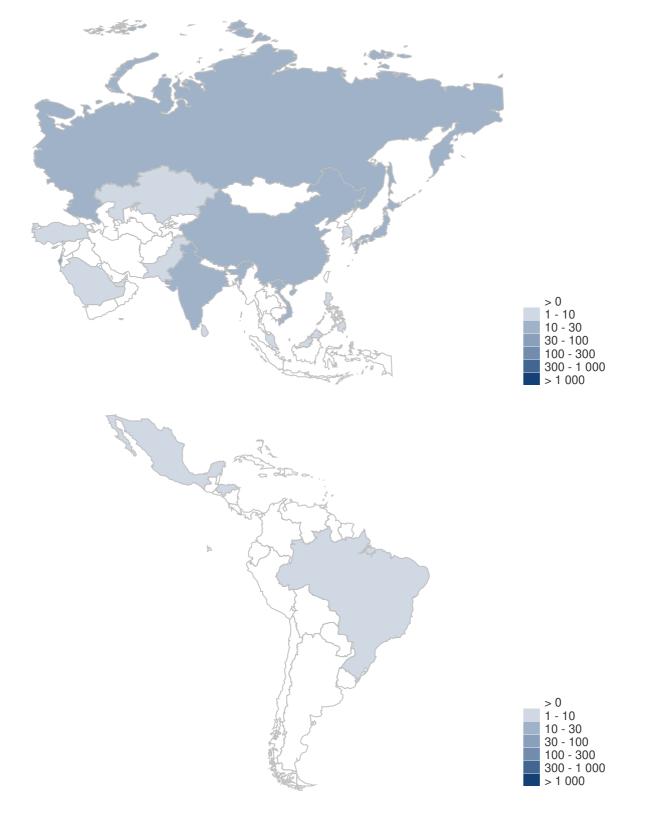
100 - 300 300 - 1 000 > 1 000 •

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# Audience Details

#### Media Views

See the details of each media outlet from PR Newswire for Journalists that viewed your release.

Outlet	Industry	Source Type	Location	Views 🗸
The Jackal	Public Issues	Blogger, Freelance/Writer	United States	1
Total				46

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Sustaina	Financial Services, General Business	Web/On-Line Service	Denmark	
Stocks				
NTD News	Broadcast	Television	United States	
Business Insider	Financial Services, Technology	Newspaper	United States	
S&P Global	Financial Services	Trade Periodicals	United States	
Auburn Wire	Sports	Freelance/Writer, Web/On-Line Service	United States	
N/A	Auto, Broadcast, Consumer Products, Energy, Entertainment, Environment, Features, Financial Services, General Business, Healthcare, Heavy Industry, Media, Other, Public Issues, Sports, Technology, Transportation, Travel	Newspaper, Web/On-Line Service	Israel	
Cision (PR Newswire)	Auto, Broadcast, Consumer Products, Energy, Entertainment, Environment, Features, Financial Services, General Business, Healthcare, Heavy Industry, Media, Other, Public Issues, Sports, Technology, Transportation, Travel	Blogger, Consumer Periodicals, Freelance/Writer, Newspaper, Other, Radio, Television, Trade Periodicals, Web/On-Line Service, Wire Service	United States	
National News Syndicate	Technology	Freelance/Writer, Trade Periodicals	United States	
KrazzyMag	Auto, Entertainment, Environment, Financial Services, General Business, Healthcare, Media, Public Issues, Sports, Technology, Travel	Blogger, Other, Web/On-Line Service	India	
Forbes Advisor	Financial Services	Web/On-Line Service	United States	
HousingWire	Financial Services, Technology	Freelance/Writer	United States	
WRHU 88.7 FM	Financial Services	Radio	United States	
Teknorex	Auto, Financial Services, Technology	Web/On-Line Service	Turkey	
89.3 WGSU	Broadcast, Media, Public Issues	Freelance/Writer, Radio	United States	
Bodyandfly	Consumer Products, Entertainment, Environment, Features, Healthcare, Media, Other, Public Issues, Sports, Technology, Transportation, Travel	Blogger, Other	France	
WRHU	Broadcast, Entertainment, General Business, Healthcare, Media, Public Issues	Radio, Television	United States	
thewealth.today	Auto, Broadcast, Consumer Products, Energy, Entertainment, Environment, Financial Services, General Business, Healthcare, Heavy Industry, Media, Other	Newspaper, Web/On-Line Service	United Arab Emirates	
NewsRise	Auto, Broadcast, Consumer Products, Energy, Entertainment, Environment, Features, Financial Services, General Business, Healthcare, Heavy Industry, Media, Other, Public Issues, Sports, Technology, Transportation, Travel	Freelance/Writer, Newspaper, Radio, Wire Service	Malaysia	
Times of News 24x7	Healthcare	Blogger, Other, Web/On-Line Service	India	
Total				4

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Crain's New York Business	Environment, Features, General Business, Media, Technology	Newspaper	United States	
Portfolio Advisor	Financial Services	Trade Periodicals	United Kingdom	
American Business Media	Consumer Products, Features, Financial Services, General Business, Public Issues, Technology	Trade Periodicals, Web/On-Line Service	United States	
Delion	Environment, Financial Services, General Business, Other, Technology	Blogger, Newspaper	Canada	
Site Selection Magazine	Auto, Energy, Features, Media, Public Issues, Technology, Transportation	Trade Periodicals	United States	
Economic Review	Auto, Energy, Features, Financial Services, Media, Public Issues, Sports	Freelance/Writer, Newspaper, Trade Periodicals	Pakistan	
Kingsport Times-New	Other	Newspaper	United States	
Randall-Reilly Publishing Co.	Transportation	Trade Periodicals	United States	
SNL Energy	Energy	Trade Periodicals	United States	
heart & soul	Entertainment, Healthcare, Travel	rel Consumer Periodicals, Radio, Web/On-Line Service		
New York 1 News	Other	Television	United States	
Feather River Bulletin	Other	Newspaper	United States	
Freelancer	Other	Trade Periodicals	United States	
PR	Technology	Other	Malaysia	
Freelancer	Entertainment, Features, Healthcare	Freelance/Writer, Newspaper	United States	
Houston Chronicle	Features	Newspaper	United States	
Daily News	Other	Other	South Africa	
NewsRx	Auto, Broadcast, Consumer Products, Energy, Entertainment, Environment, Features, Financial Services, General Business, Healthcare, Heavy Industry, Media, Other, Public Issues, Sports, Technology, Transportation, TravelWeb/On-Line Service		United States	
Cognizant	Auto, General Business	Blogger, Freelance/Writer	India	
cision	Auto	Blogger	United States	
The Kyle & Jackie O Show	Broadcast, Consumer Products, Entertainment, Features, Media, Other, Public Issues, Technology	Radio	Australia	
Gaceta UNAM	Environment, Features, Healthcare, Media, Public Issues, Sports, Travel	Newspaper, Web/On-Line Service	Mexico	
Total				46

Total				46
WSAZ	Financial Services	Television	United States	1
Okinawa Marine	Broadcast, Environment, Features, Financial Services, Media, Public Issues, Technology, Transportation, Travel	Freelance/Writer, Newspaper, Web/On-Line Service, Wire Service	Japan	1
Coelum	Other	Consumer Periodicals, Web/On- Line Service	Italy	1
News Aktuell	Other	Wire Service	Switzerland	1

#### **Organization Views**

See which organizations have viewed your release

Organization	Headquarters	Visitor Location	Parent Organization	Industry	Views
The Vanguard Group, Inc.	100 Vanguard Blvd. V26 , United States	UNITED STATES	Vanguard	Financial Services	1
BARON FINANCIAL GRO	16 ROUTE 208, United States	UNITED STATES			1
Buchbinder Tunick & Company, LLP	One Penn Plaza. 35th Fl. ,	UNITED STATES			1
Financial Recovery Technologies LLC	1 Summer St , United States	UNITED STATES	Financial Recovery Technologies LLC	Financial Services	1
Nuvera	27 North Minnesota Street , United States	UNITED STATES			1
Elisa.ee	Estonia	ESTONIA			1
National Research Council of Canada	1200 Montreal Road , Canada	CANADA	NRC-IIT	Government	1
Baupost Group	10 St. James Avenue, Suite 170 , United States	UNITED STATES	The Baupost Group , L.L.C.	Financial Services	1
Total					8

#### **Targeted Audience**

The lists below represent categories of targeted audiences you selected for your release.

# Cision Influencer Lists

Mutual Funds (118 organizations, 179 recipients)

Organization	Number of recipients
Barron's   Magazine	6
Bloomberg News   News Service/Syndicate	6
Wall Street Journal   Daily Newspaper	6
Gartner   Industry Research Firm	5
IBD Weekly   Community Newspaper	5

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Organization	Number of recipients
Ignites.com   Internet Magazine - Online Only	5
Seeking Alpha   Internet Magazine - Online Only	5
Forbes   Magazine	3
Fund Action   Magazine	3
Institutional Investor   Internet Magazine - Online Only	3

#### Personal Finance (347 organizations, 497 recipients)

Organization	Number of recipients
NerdWallet Blog   Internet Blog	20
Kiplinger's Personal Finance   Magazine	15
Squawk Box - CNBC Cable Network   Cable Network Show	15
CNBC Online   Internet Cable Network	8
Forbes   Magazine	7
MarketWatch   Internet Magazine - Online Only	6
Business Insider   Internet Magazine - Online Only	5
Smartasset   Internet Magazine - Online Only	5
Yahoo Finance   Internet Magazine - Online Only	5
Bottom Line/Personal   Magazine	4

#### Associated Press Outlets

Every PR Newswire U.S. wire newsline includes targeted distribution to the Associated Press, an essential global news network that delivers content to an extensive set of media platforms and formats. The list below represents the outlets you reach via this partnership.

Outlet Name	City	State	Newsline	Туре	Audience
C-SPAN	Washington	DC	US1	Television	86,200,000 Subscribers
Scribd, Inc.	San Francisco	CA	US1	Aggregator	43,531,670 Visitors per Month
FoxNews.com	New York	NY	US1, New York State newsline	Online	32,516,438 Visitors per Month
CBS News Radio	New York	NY	US1, New York State newsline	Radio	30,000,000 Broadcast Audience
New York Times Digital	New York	NY	US1, New York State newsline	Newspaper	29,886,442 Visitors per Month
Apple Inc.	Cupertino	CA	US1	Organization/Company	29,709,459 Visitors per Month

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Outlet Name	City	State	Newsline	Туре	Audience
CNBC.com	Englewood Cliffs	NJ	New York State newsline, US1	Online	26,089,266 Visitors per Month
CBSnews.com	New York	NY	US1, New York State newsline	Online	26,080,671 Visitors per Month
abcnews.com	New York	NY	US1, New York State newsline	Online	24,167,779 Visitors per Month
U.S. News & World Report	Washington	DC	US1	Magazine	23,945,529 Visitors per Month

22

# Engagement

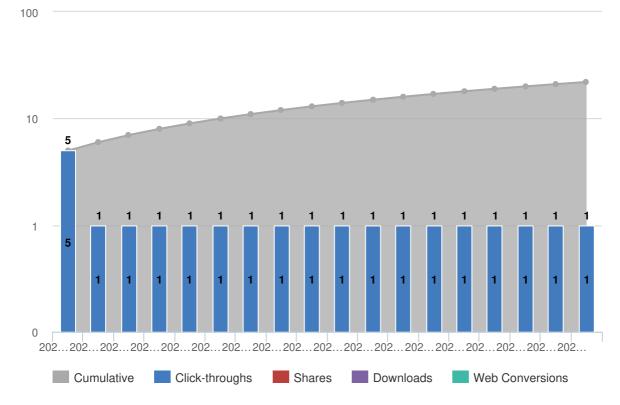
#### Overview

TOTAL ENGAGEMENT ACTIONS	22

#### **Click-throughs**

#### **Engagement Timeline**

See when your audience engaged with your release.



## **Engagement Details**

A break down of click-throughs, shares and other engagement actions.

#### Click-throughs

The number of times your release sent visitors to the pages you linked to

URL	Click-throughs
http://www.GoldFixSettlement.com	22
Total	22

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