



All Members Get our Excel Add-in

We're excited to announce that all members get access to our Excel Add-in at no additional charge. Work with our data in the comfort of your own models. Create custom dashboards, tables, and charts using our <u>superior</u> <u>data</u>.

Gold, Platinum, and Pro members get:

- Full access to our Reference Datasets: Coverage and Datapoints
- Access to our <u>Overall Rating</u>, <u>Component Ratings</u>, <u>Reported Fundamentals</u>, and <u>Adjusted</u> <u>Fundamentals</u> endpoints for **any securities in your portfolio***
- 10,000 data requests per month. Requests are counted as follows: 1 datapoint, for 1 security, for 1 time period = 1 data request. Requests reset on the first of the month.

* Because our API only refreshes once per day, tickers added to your portfolio will not be availed for Excel Addin or API request until the next day.

Unlimited and Institutional members get:

- Full access to our Reference Datasets, Coverage and Datapoints
- Full access to our Overall and Component Ratings, Reported Fundamentals, Adjusted Fundamentals, and <u>Sector</u> functions
- 10,000 data requests per month. Requests are counted as follows: 1 datapoint, for 1 security, for 1 time period = 1 data request. Requests reset on the first of the month.

For additional details, including installation instructions, and code samples, etc.:

- Excel Add-in Documentation
- API Documentation

Get API Key Needed to Get Data Through our Excel Add-in:

To get an API key:

- 1. Login to your account here.
- 2. Visit the Excel Add-in installation page.
- 3. From the installation page, click the "Request a Key" button in the Authentication section. (see image below)



DILIGENCE PAYS 5/15/20

Data Dictionaries	API	Excel Add-In	
			Excel Add-In
		*	
			Embed our data directly into your workflow.
In	stalla	tion	
			New Constructs Excel Add-In zip file from our website. Unzip the file and save the New Constructs Add-in tructs Addin.xlam) wherever you store Excel add-ins or a convenient location on your computer.
	in E Dev save add A N Lau The	xcel, click eloper tab ed, and cli -in is activ ew Constr nch Form	ucts menu item will now appear in the menu in Excel. Select New Constructs from the menu and click the button in the ribbon. This will take you to the form where you can authenticate your account. I-In is currently supported for Excel 2010+ and Excel 365 on Windows operating systems.
_	Acc	ess to the	New Constructs Excel Add-In requires an API key.
			Already a member?
			Log In and Request a Key
			Not a member yet?
-			Start Your Membership Today

Fatas Vaus ADI Vau

 Upon successful request, you will see the message "Thanks for requesting a key! Your request is being processed; we'll email you as soon as your key is ready, normally within 24 hours." See image below.

	Excel Add-In
	Embed our data directly into your workflow.
Installation	
	ucts Excel Add-In zip file from our website. Unzip the file and save the New Constructs Add-in alam) wherever you store Excel add-ins or a convenient location on your computer.
in Excel, click the File menu	per ab, then select the Excel Add-ins button from the ribbon. (If the Developer tab is not visible u, Octions, Customize Ribbon, then under Main Tabs, select the Developer check box. The
	ear in the ribbon.) Click the browse button, select the New Constructs Add-in file you just all the add-in to Excel. Make sure the New Constructs Add-in is checked to indicate that the
	am will now appear in the menu in Excel. Select New Constructs from the menu and click the ribbon. This vill take you to the form where you can authenticate your account.
The Excel Add-In is current	tly supported for Excel 2010+ and Excel 365 on Windows operating systems.
Authentication	

b. Return visits to this page while your request is being processed will display the following message: "Thanks for requesting a key! Your request is being processed; we'll email you as soon as your key is ready, normally within 24 hours."



DILIGENCE PAYS 5/15/20

4. When your API key request has been processed (in ~24 hours) you'll receive an email with your API key and links to the Excel Add-in and API documentation. See image below for an example of the email.

Thanks for req	uesting a New Constructs API Key!
Your new API	lc
Your API Key o	an be used to access data directly through our API or in our Excel Add-In. Please see ou
documentation	for information on your access plan, help getting started, and sample code.
• API 0	locumentation
 Excel 	Add-In Documentation
Our API refrest	nes once per day, so tickers added to your portfolio today won't be accessible via the AP
until the next d	ay.
If you have any	questions or need help, please contact support@newconstructs.com .
	Click here to manage your email preferences or unsubscribe.

- 5. Once you've received your API key via email, you can get it any time by logging in and returning to the installation page in step 2 to find your API key in the Authentication section.
- 6. You are now ready to use our Excel Add-in.
- 7. For installation instructions, a video demo, code samples, and more: Excel Add-in Documentation

Please contact us at support@newconstructs.com with any questions.

This article originally published on May 15, 2020.

Disclosure: David Trainer, Kyle Guske II, and Matt Shuler receive no compensation to write about any specific stock, style, or theme.

Follow us on <u>Twitter</u>, <u>Facebook</u>, <u>LinkedIn</u>, and <u>StockTwits</u> for real-time alerts on all our research.



Footnotes adjustments matter. We are the ONLY source.

We provide ratings, models, reports & screeners on U.S. 3,000 stocks, 700 ETFs and 7,000 mutual funds.

HBS & MIT Sloan research reveals that:

- Markets are inefficiently assessing earnings because no one reads the footnotes.
- Corporate managers hide gains/losses in footnotes to manage earnings.
- Our technology brings the material footnotes data to market for the first time ever.

Combining human expertise with NLP/ML/AI technologies (featured by Harvard Business School), we shine a light in the dark corners (e.g. footnotes) of hundreds of thousands of financial filings to unearth critical details.

The HBS & MIT Sloan paper, <u>Core Earnings: New Data and Evidence</u>, shows how our superior data drives uniquely comprehensive and independent debt and equity research.

This <u>paper</u> compares our analytics on a mega cap company to other major providers. The Appendix details exactly how we stack up.

Learn more.

Quotes from HBS & MIT Sloan professors on our research:

Get better research:

"...the NC dataset provides a novel opportunity to study the properties of non-operating items disclosed in 10-Ks, and to examine the extent to which the market impounds their implications." – page 20

Pick better stocks:

"Trading strategies that exploit cross-sectional differences in firms' transitory earnings produce abnormal returns of 7-to-10% per year." – Abstract

Avoid losses from using other firms' data:

"...many of the income-statement-relevant quantitative disclosures collected by NC do not appear to be easily identifiable in Compustat..." – page 14

Build better models:

"Core Earnings [calculated using New Constructs' novel dataset] provides predictive power for various measures of one-year-ahead performance...that is incremental to their current-period counterparts." – page 4

Exploit market inefficiencies:

"These results ... suggest that the adjustments made by analysts and Compustat to better capture core earnings are incomplete. Moreover, the non-core items identified by NC produce a measure of core earnings that is incremental to alternative measures of operating performance in predicting an array of future income measures." – page 26

Fulfill fiduciary duties:

"An appropriate measure of accounting performance for purposes of forecasting future performance requires detailed analysis of all quantitative performance disclosures detailed in the annual report, including those reported only in the footnotes and in the MD&A." – page 33-34



DISCLOSURES

New Constructs®, LLC (together with any subsidiaries and/or affiliates, "New Constructs") is an independent organization with no management ties to the companies it covers. None of the members of New Constructs' management team or the management team of any New Constructs' affiliate holds a seat on the Board of Directors of any of the companies New Constructs covers. New Constructs does not perform any investment or merchant banking functions and does not operate a trading desk.

New Constructs' Stock Ownership Policy prevents any of its employees or managers from engaging in Insider Trading and restricts any trading whereby an employee may exploit inside information regarding our stock research. In addition, employees and managers of the company are bound by a code of ethics that restricts them from purchasing or selling a security that they know or should have known was under consideration for inclusion in a New Constructs report nor may they purchase or sell a security for the first 15 days after New Constructs issues a report on that security.

DISCLAIMERS

The information and opinions presented in this report are provided to you for information purposes only and are not to be used or considered as an offer or solicitation of an offer to buy or sell securities or other financial instruments. New Constructs has not taken any steps to ensure that the securities referred to in this report are suitable for any particular investor and nothing in this report constitutes investment, legal, accounting or tax advice. This report includes general information that does not take into account your individual circumstance, financial situation or needs, nor does it represent a personal recommendation to you. The investments or services contained or referred to in this report may not be suitable for you and it is recommended that you consult an independent investment advisor if you are in doubt about any such investments or investment services.

Information and opinions presented in this report have been obtained or derived from sources believed by New Constructs to be reliable, but New Constructs makes no representation as to their accuracy, authority, usefulness, reliability, timeliness or completeness. New Constructs accepts no liability for loss arising from the use of the information presented in this report, and New Constructs makes no warranty as to results that may be obtained from the information presented in this report. Past performance should not be taken as an indication or guarantee of future performance, and no representation or warranty, express or implied, is made regarding future performance. Information and opinions contained in this report reflect a judgment at its original date of publication by New Constructs and are subject to change without notice. New Constructs may have issued, and may in the future issue, other reports that are inconsistent with, and reach different conclusions from, the information presented in this report. Those reports reflect the different assumptions, views and analytical methods of the analysts who prepared them and New Constructs is under no obligation to insure that such other reports are brought to the attention of any recipient of this report.

New Constructs' reports are intended for distribution to its professional and institutional investor customers. Recipients who are not professionals or institutional investor customers of New Constructs should seek the advice of their independent financial advisor prior to making any investment decision or for any necessary explanation of its contents.

This report is not directed to, or intended for distribution to or use by, any person or entity who is a citizen or resident of or located in any locality, state, country or jurisdiction where such distribution, publication, availability or use would be contrary to law or regulation or which would be subject New Constructs to any registration or licensing requirement within such jurisdiction.

This report may provide the addresses of websites. Except to the extent to which the report refers to New Constructs own website material, New Constructs has not reviewed the linked site and takes no responsibility for the content therein. Such address or hyperlink (including addresses or hyperlinks to New Constructs own website material) is provided solely for your convenience and the information and content of the linked site do not in any way form part of this report. Accessing such websites or following such hyperlink through this report shall be at your own risk.

All material in this report is the property of, and under copyright, of New Constructs. None of the contents, nor any copy of it, may be altered in any way, copied, or distributed or transmitted to any other party without the prior express written consent of New Constructs. All trademarks, service marks and logos used in this report are trademarks or service marks or registered trademarks or service marks of New Constructs. Copyright New Constructs, LLC 2003 through the present date. All rights reserved.