



INVESTORS EXCHANGE THRESHOLD SECURITIES LIST SPECIFICATION

Version 1.00

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INTRODUCTION

Participants of Investors Exchange (“IEX” or the “Exchange”) can download a list of the IEX-listed securities that have an aggregate fail to deliver position for five consecutive settlement days at a registered clearing agency, totaling 10,000 shares or more and equal to at least 0.5% of the issuer’s total shares outstanding (“threshold securities”). The “IEX Threshold Securities List” will be posted the IEX website daily. Two versions of each file will be available: one with CUSIP¹ data and one without. Only participants with a proper license may download files containing CUSIP data. Finally, all historical versions reports will be available for download from the IEX website.

File Location

The IEX Threshold Securities List is available at a dedicated URL. The version with CUSIP information is available to authenticated users, while the other is open to the public. The report is available in the following formats: JSON (default), pipe separated, or comma separated.

IEX Threshold Securities List

- <https://api.iextrading.com/1.0/stock/market/threshold-securities/>

URL Parameters

Users may access specific reports or formats by applying one or more parameters to the URL.

Note that File Date must be specified in the target URL, while File Format and CUSIP Authentication parameters may be identified simultaneously by placing an ampersand (“&”) **between each parameter**. Examples can be found below.

File Date

Return the report for a specific date by targeting such date in the URL using the following format: YYYYMMDD. If the date is not specified, the latest available date is used by default.

- Usage: URL/YYYYMMDD
- Examples
 - <https://api.iextrading.com/1.0/stock/market/threshold-securities/20171020>
 - <https://api.iextrading.com/1.0/stock/market/threshold-securities/20171020?format=psv>

File Format

Select the file format of the report by passing the format parameter. The available options are pipe separated (`psv`) or comma separated (`csv`). If file format is not specified, the default format is [JSON](#).

- Usage: URL?format=<file format>
- Examples
 - <https://api.iextrading.com/1.0/stock/market/threshold-securities?format=psv>
 - <https://api.iextrading.com/1.0/stock/market/threshold-securities/20171020?format=csv>

CUSIP Data

Users that are authorized to access CUSIP data can specify their unique IEX API Identification Token (“API Token”) to obtain such data. When an API Token that is authorized to access CUSIP data is provided, the report will automatically

¹ CUSIP is a unique nine-character alphanumeric code appearing on the face of each stock or bond certificate that is assigned to a security by Standard & Poor’s Corporation.



contain CUSIP data, as specified below. If an API Token is not specified or if the user is not authorized to access CUSIP data, CUSIP data is not provided. Users will find their unique API Token in the Account section of their [IEX Account Dashboard](#), as see below (note that a portion of the API Token has been hidden).

| | | | |
|-----------|--------------|----|-----------|
| Api token | 1442aef2b299 | e0 | No action |
|-----------|--------------|----|-----------|

- Usage: URL?token=<API Token>
- Examples
 - <https://api.iextrading.com/1.0/stock/market/threshold-securities?token=1442aef2b299----e0>
 - <https://api.iextrading.com/1.0/stock/market/threshold-securities?format=csv&token=1442aef2b299----e0>

Publication Schedule

The report data will be published to the IEX website daily at 8:30 p.m. ET with data for that trading day.

CUSIP Disclaimer

CUSIP numbers are the property of the American Bankers Association (“ABA”) and are administered by Standard & Poor’s. Since IEX neither owns nor controls CUSIP numbers, distributors cannot be authorized to receive the IEX Threshold Securities List including CUSIP Data unless they have a license in place with CUSIP. Please note that IEX is not responsible for obtaining written approval from CUSIP prior to authorizing data distributors to externally redistribute CUSIP data; it is the responsibility of the data distributor to obtain such CUSIP permission for their downstream customers.

Participants who wish to access the CUSIP version of this file must provide their CUSIP license information when [creating an IEX Account](#). Access to view or download the CUSIP version will be granted only after IEX has verified licensing. Please see the [Appendix](#) for step-by-step instructions to create an [IEX Account](#) and request [CUSIP access](#).

FILE SPECIFICATION

IEX Threshold Securities List

As defined in Rule 203(c)(6) of Regulation SHO, a “threshold security” is any equity security of any issuer that is registered under Section 12 of the Exchange Act, or that is required to file reports under Section 15(d) of the Exchange Act (commonly referred to as reporting securities), where, for five consecutive settlement days:

- There are aggregate fails to deliver at a registered clearing agency of 10,000 shares or more per security;
- The level of fails is equal to at least one-half of one percent of the issuer’s total shares outstanding; and
- The security is included on a list published by a self-regulatory organization (“SRO”).

A security ceases to be a threshold security if it does not exceed the specified level of fails for five consecutive settlement days.



File Format without CUSIP Data

Trade Date | Symbol in INET Symbology | Symbol in CQS Symbology | Symbol in CMS Symbology | Security Name

File Format with CUSIP Data

Trade Date | Symbol in INET Symbology | Symbol in CQS Symbology | Symbol in CMS Symbology | CUSIP | Security Name

Filename Format

The filename contains the date the file was generated.

yyyymmdd_iex_threshold_securities.txt

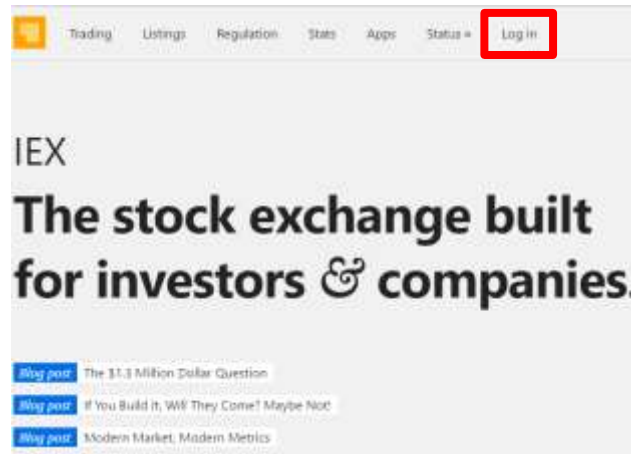
| Field Name | Description | Field Length |
|--------------------------|--|--------------|
| Trade Date | Trade date of the data. The date format is yyyy-mm-dd. | 10 |
| Symbol in INET Symbology | The identifier for each IEX-listed security in Nasdaq integrated symbology . | 16 |
| Symbol in CQS Symbology | The identifier for each IEX-listed security in SIAC/CQS symbology . | 16 |
| Symbol in CMS Symbology | The identifier for each IEX-listed security in CMS symbology . | 16 |
| CUSIP | This represents the existing CUSIP assigned to the security. | 9 |
| Security Name | Name of the security. | 100 |



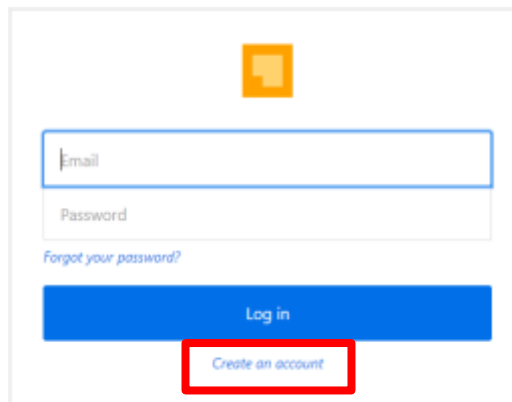
APPENDIX

Setup an IEX Account

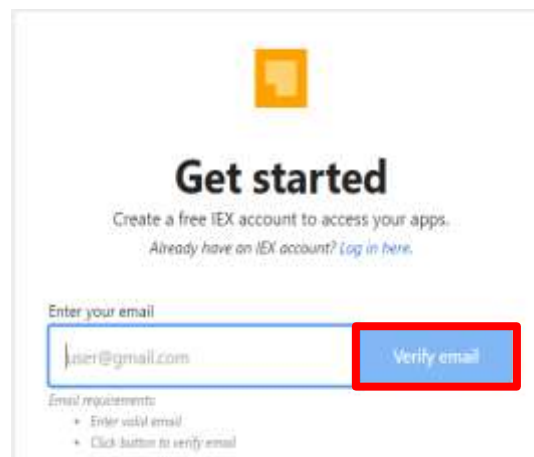
- Step 1: Go to iextrading.com and click ['Log In'](#)



- Step 2: Click ['Create an Account'](#)



- Step 3: Enter your company email address and click 'Verify email'





- Step 4: Check your email for the verification code. Enter the code, choose a password, click 'Create my account'

The image shows an email verification process. On the left, an email from IEX Notifications contains a verification code '428608' highlighted in a red box. An arrow points from this code to the registration form on the right. The form, titled 'Get started', has fields for 'Enter code from your email' (containing '428608'), 'Choose a password', and 'Retype your password', all highlighted in red boxes. A 'Create my account' button is at the bottom.

- Step 5: In the Account Dashboard, enter your information and click 'Save' for each field
 - Before requesting access to CUSIP data, you must enter the following fields:
 - First name
 - Last name
 - Phone
 - Company name (full legal entity name)

The image shows the 'Account' dashboard. It features a table with account information. The 'Phone' field is highlighted in a red box, and the 'Save' button next to it is highlighted in a green box. Below the table is a 'Subscriptions' section with a dropdown menu set to 'EMAIL: Corporate Action' and a 'Save' button.

| Key | Value | Actions |
|------------|-----------------|-----------|
| Email | | No action |
| Phone | | Save |
| First name | | Save |
| Last name | | Save |
| Company | | Save |
| Api token | 1442aef2b299 e0 | No action |
| Group | | No action |

Subscriptions
Manage your subscriptions. Select what you would like to subscribe to then click save or press the enter key.

| Type | Actions |
|-------------------------|---------|
| EMAIL: Corporate Action | Save |

Request CUSIP access Logout



Request CUSIP Access

- Step 6: Once first name, last name, phone, and company name have been saved, click 'Request CUSIP access'

Account

Manage your account. Update each row of your account information and click save or press the enter key.

| Key | Value | Actions |
|------------|-----------------|-----------|
| Email | | No action |
| Phone | | Save |
| First name | | Save |
| Last name | | Save |
| Company | | Save |
| Api token | 1442aef2b299 e0 | No action |
| Group | | No action |

Subscriptions

Manage your subscriptions. Select what you would like to subscribe to then click save or press the enter key.

| Type | Actions |
|--|---------|
| <input type="checkbox"/> EMAIL: Corporate Action | Save |
| <input type="checkbox"/> Request CUSIP access | Logout |

- Step 7: In the Verification form, enter your information and agree to the CGS CUSIP Electronic Distribution Agreement, then click 'Submit' only once

Verification to download CUSIP data

In order to download files with CUSIP data, you must fill out the form below and submit it for review. IEX will contact the CUSIP provider to verify that your firm has the appropriate license to retrieve this data. Once we receive approval from the vendor, you will receive an email notification. Approval times vary between 24-48 hours.

Company name (full legal entity name)

Company address

City

State

Zip code

Country

Contact name

Contact phone

Contact email address

I agree to the following CGS CUSIP Electronic Distribution Agreement

CGS CUSIP Electronic Distribution Agreement

"Subscriber agrees and acknowledges that the CUSIP Database and the information contained therein is and shall remain valuable intellectual property owned by, or licensed to, CUSIP Global Services ("CGS") and the American Bankers Association ("ABA"), and that no proprietary rights are being transferred to Subscriber in such materials or in any of the information contained therein. Any use by Subscriber outside of the clearing and settlement of transactions requires a license from CGS, along with an associated fee based on usage. Subscriber agrees that misappropriation or misuse of such materials will cause serious damage to CGS and ABA, and that in such event money damages may not constitute sufficient compensation to CGS and ABA; consequently, Subscriber agrees that in the event of any misappropriation or misuse, CGS and ABA shall have the right to obtain injunctive relief in addition to any other legal or financial remedies to which CGS and ABA may be entitled."

"Subscriber agrees that Subscriber shall not publish or distribute in any medium the CUSIP Database or any information contained therein or summaries or subsets thereof to any person or entity except in connection with the normal clearing and settlement of security transactions. Subscriber further agrees that the use of CUSIP numbers and descriptions is not intended to create or maintain, and does not serve the purpose of the creation or maintenance of, a master file or database of CUSIP descriptions or numbers for itself or any third party recipient of such service and is not intended to create and does not serve in any way as a substitute for the CUSIP MASTER TAPE, FRONT, DB, INTERNET, ELECTRONIC, CD-ROM Services and/or any other future services developed by the CGS."

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"Subscriber agrees that the foregoing terms and conditions shall survive any termination of its right of access to the materials identified above."



- Step 8: Wait for the green bar to appear. You may now safely logout and return to the home page.

"Subscriber agrees that Subscriber shall not publish or distribute in any medium the CUSIP Database or any information contained therein or summaries or subsets thereof to any person or entity except in connection with the normal clearing and settlement of security transactions. Subscriber further agrees that the use of CUSIP numbers and descriptions is not intended to create or maintain, and does not serve the purpose of the creation or maintenance of, a master file or database of CUSIP descriptions or numbers for itself or any third party recipient of such service and is not intended to create and does not serve in any way as a substitute for the CUSIP MASTER TAPE, PRINT, DISK, INTERNET, ELECTRONIC, CD-ROM Services and/or any other future services developed by the CGS."

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CUSIP access requested. You should receive a confirmation email shortly.

- Step 9: Once submitted, IEX will contact CUSIP Global Services ("CGS") to verify the firm has the appropriate license to receive CUSIP data. Once IEX receives approval, the user will receive an email notification. Please note that approval times vary between 24-48 hours.



CGS Licensing Group,

The following user/company has requested access to IEX Daily List files with CUSIP identifiers. Please verify that this firm has the appropriate license to receive this data within 24-48 hours. Please send verification back to istings@iextrading.com and cc: _____ IEX will notify the end user/company once the verification is complete. Thank you.

Verification to download CUSIP data

Company name (full legal entity name): _____

Company address: _____

City: _____

State: _____

Zip code: _____

Country: _____

Contact name: _____

Contact phone: _____

Contact email address: _____



REVISION HISTORY

| Version | Date | Change |
|---------|-------------------|------------------|
| 1.00 | November 30, 2017 | Initial Document |