

NEEDS FinancialQUEST (FQ)

Simple Guide to Accessing Corporate Financial Data

[This guide is intended for students/researchers accessing FQ via CrossAsia]

- ▶ NEEDS FinancialQUEST (FQ) is one of Japan's largest membership information service that provides financial, economic, stock price data and etc..
- ▶ Since data is provided via the Internet, the latest information can be quickly downloaded. For eg. Stock price data in the "Stock Price and Indicators" database is added around 15:40 (JST) of each business day; macroeconomic data in the "Nikkei Economic Statistics" database is added on the day it is released.
- ▶ Data can be downloaded and saved in Excel, allowing users to flexibly analyse the data using graphs and tables in Excel.

NEEDS

Accessing FQ via CrossAsia

- ▶ Once you have registered for CrossAsia, open the URL <https://crossasia.org/en/resources/databases/>
- ▶ On the right-hand pane, under "Subject", click "Economy & Business". Then you will find NEEDS FinancialQUEST in the Database list. Follow the *instructions written to login to FQ.
- ▶ *Please see next slide.

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... during the COVID-19-Crisis, please refer to our [Blog](#).

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North China Herald Online : 字林 星期周刊,,,		You may browse the periodical by year and issue or search full text with the option of confining ...
毎索 毎日新聞社のデータベース		Maisaku is the online version of the Japanese newspaper Mainichi Shinbun. It consists of several ...
Chinese Research Perspectives Online		Brill online has started to offer a selection of their printed reference work ...
沖縄タイムス記事データベース : Okinawa Times		This database covers articles relating to the field of politics, economy, society and other ...
CEIC Data		In June 20... the database moved to a new web base platform, called CDMNext, with new ...
NEEDS Financial QUEST		Needs Financial Quest (NFQ) contains comprehensive data on Japanese companies. Please read this in ...
華藝中文電子書 : airitiBooks		The airitiBooks platform provides access to more than 6000 licensed ebooks from Taiwan in the ...
Brill's Encyclopedia of China Online		Brill's Encyclopedia of China Online is based on the originally a thousand-page reference work on ...

- ▶ “When you start the database via CrossAsia probably several security advices will appear. Please ignore them and continue until the blue RDP window (remote desktop protocol) appears. Once the **first window of the database with the diver appears, please wait a moment** until the second window with the search screen appears. You will find the small login window on the upper right hand side. **Please click on “Login” to start the database.** Once the database has started, the words “corporate information” will appear in the left field. Please open this pull-down menu and select the segment you need. Please follow the instructions on the screen to conduct your search or read the information in the “help” section. You can download your search result as an excel file via the CrossAsia campus. When you click on “download” a new window appears with the excel file. Please click on “save” and a new window will open. Please choose “computer” (not: “desktop”), scroll down until you find “Netzwerkpfad”, there you can see your CrossAsia campus drive. Select your CrossAsia campus drive and save the excel file with any file name you like. After finishing your search you can download the excel file from your CrossAsia campus drive. ” (from CrossAsia website)
- ▶ Complete information could be found on <https://crossasia.org/en/resources/databases/>

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Login to FQ via CrossAsia

- ▶ When you start the database via CrossAsia, several security advices may appear. Please ignore them until the blue RDP (Remote Desktop Protocol) appears. Once the **first window of the database with a diver** appears, wait for a moment.
- ▶ When the **second window** with the search screen appears, you will find a small login window on the top-right corner. Please click Login to start the database.

Accessible to a wealth of business and financial data

FinancialQUEST 2.0

For Subscribers, Please click the following button to start up.

Start up FinancialQUEST

[Note]
With a migration of code signing certificate for FinancialQUEST to SHA-2, please be sure to upgrade the version of .NET Framework to version 4.5 or later. (Please click [here](#) for the details)

You can check the current version of .Net Framework on your PC from [here](#). There is no problem if it shows "4.5" or later.

FinancialQUEST(FQ) is a data retrieval service categories of NEEDS stored data, for example, price data, bond price data, macro economic data on the internet. It enables to acquire data real time condition.

FQ is very user-friendly system. Users can operate easily. In addition, FQ provides extensive help instructions. Moreover, as FQ can access a NEEDS central database, it can provide the latest data at any time.

FinancialQUEST

File Connect Search Help

FinancialQUEST Database

Please choose database and set it to the list.

Download Search Guide

Alerted database: 11st

Next Step

By pointing at each of the screen sample figures (illustrated above, you can view description or features of FinancialQUEST 2.0)

A Glance of FQ after Login In

The screenshot displays the NEEDS-FinancialQUEST application window. The interface is dark-themed and includes a menu on the left, a main content area, and a bottom navigation bar. The main content area is divided into two sections: 'Selection List' and 'Adopted database list'. The 'Selection List' shows a tree view of categories, with 'Corporate information' selected. The 'Adopted database list' shows a table with columns 'Code' and 'Name', containing one entry: 'FINFSTA Corporate Financial Data (TANSHIN/YUHO) (Incl. Shinkin Banks) [20YEN]'. A yellow box highlights the 'Selection List' and 'Adopted database list' sections. A yellow callout box points to the 'Database' menu item in the left sidebar. A yellow callout box points to the 'Selection List' and 'Adopted database list' sections. A yellow callout box points to the 'Next Step' button in the bottom right corner. A pink callout box points to the 'Easy Search' and 'Detailed Search' buttons in the bottom left corner.

1) This section shows you the menu of FQ.

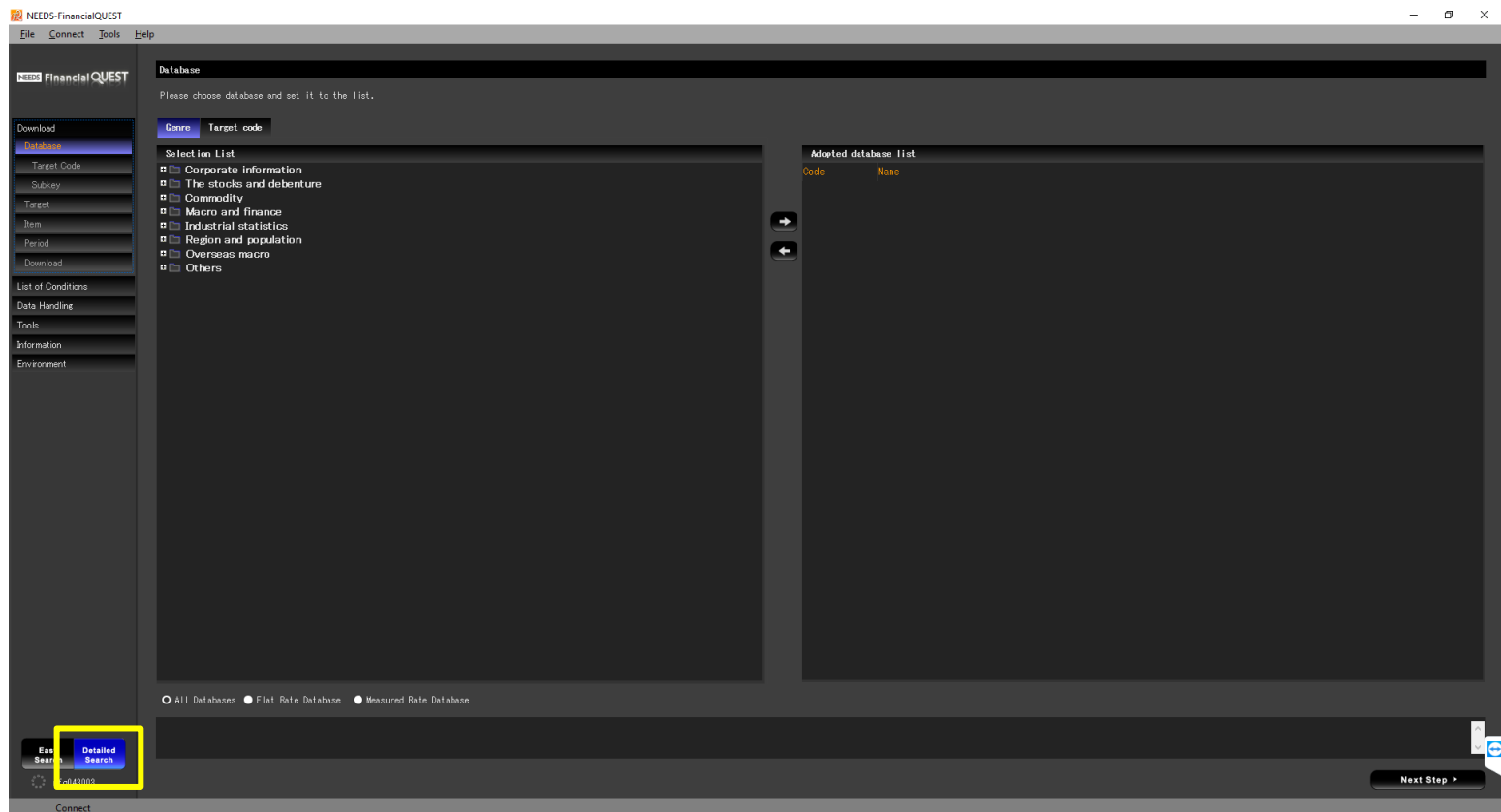
2) This section displays the details of the menu selected.

3) To begin with your data search, we could either proceed with a "Easy Search" or a "Detailed Search".

4) Click the "Next Step" button when you are done with the current selection.

Code	Name
FINFSTA	Corporate Financial Data (TANSHIN/YUHO) (Incl. Shinkin Banks) [20YEN]

- ▶ For a comprehensive illustration, we will elaborate on accessing “Corporate Financial” data via a “Detailed Search”. Ensure the “Detailed Search” button at the bottom left corner is selected and is shown in blue.



- ▶ In the Database Selection List, expand “Corporate Information” folder by clicking the “+” key.
- ▶ To select the “Corporate Financial Data (TANSHIN/YUHO)(Incl. Shinkin Banks)”, we could either 1) single-click it and click the right-pointed arrow or 2) double-click it.
- ▶ We will see the “Corporate Financial Data (TANSHIN/YUHO)(Incl. Shinkin Banks)” appears on the “Adopted database list” on the right-hand pane.
- ▶ If an undesired database was selected accidentally, we could always undo them by selecting that database appeared on the right-hand pane and click the left-pointed arrow.
- ▶ When the desired database is selected, click the “Next Step” button at the bottom right of the screen.

NEEDS-FinancialQUEST

File Connect Tools Help

Database

Please choose database and set it to the list.

Genre Target code

Selection List

- Corporate information
 - Measured Rate Corporate Financial Data (TANSHIN/YUHO) (Incl. Shinkin Banks) [20YEN]
 - Measured Rate Segment Data [20YEN]
 - Measured Rate Earning Estimates [70YEN]
 - Measured Rate History of Earning Estimates (by Company) and Financial Results [70YEN]
 - Measured Rate Corporate Attribute Data [5YEN]
 - Measured Rate Corporate Attribute - Listed Market Info [5YEN]
 - Measured Rate Corporate Borrowing from Financial Institution [20YEN]
 - Measured Rate Major Share Holder [20YEN]
 - Measured Rate Shareholding Data [20YEN]
 - Measured Rate Corporate Action Data [50YEN]
- The stocks and debenture
- Commodity
- Macro and finance
- Industrial statistics
- Region and population
- Overseas macro
- Others

Adopted database list

Code	Name
FINFSTA	Corporate Financial Data (TANSHIN/YUHO) (Incl. Shinkin Banks) [20YEN]

To undo/unselect the wrongly selected database, simply click the database on the "Adopted database list" and click the left-pointed arrow.

Click the "Next Step" button when you have selected the desired database.

○ All Databases ● First Rate Database ● Measured Rate Database

[Content] Corporate financial data (quarterly base - listed companies) based on TANSHIN/YUHO report and Nikkei's original survey is stored.
[Coverage] Listed companies (inc. JASDAQ) and unlisted companies disclosing their YUHO report.

Easy Search Detailed Search

nfq043003

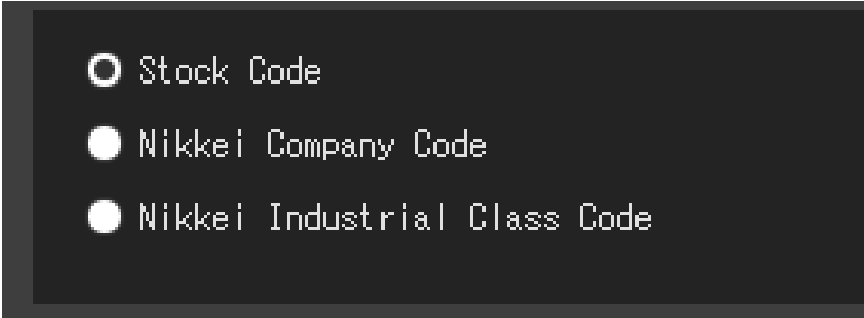
Connect

Next Step ▶

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Data Access: Specifying Target Code

- ▶ Next, we need to specify the code system for the companies we are looking the data for.
- ▶ If all the companies you are looking for are listed companies, we could adopt the “Stock Code” system.
- ▶ If some or all companies you are looking for are non-listed companies, we could adopt the “Nikkei Company Code” system.
- ▶ Here, let’s assume our targeted companies are all listed. Hence, we will choose “Stock Code”. Hit the “Next Step” button.

- 
- Stock Code
 - Nikkei Company Code
 - Nikkei Industrial Class Code

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Data Access: Specifying Subkeys

- ▶ Now, we could specify some subkeys which allow us to further specify some details of the database we have chosen earlier.
- ▶ First, the “Consolidated Type” for our targeted companies. Let’s use the default setting which specify the highest priority given to “Consol-IFRS” (consolidated IFRS format) and the lowest given to “Unconsol-Japanese” (unconsolidated).

Consolidated Type(11) Priority

Select all Clear all

- Unconsolidated
- Consolidated-Japanese Basis Consolidated-SEC Basis Consolidated-IFRS Consolidated-Priority:SEC,Alternative:Japanese Consolidated-Priority:IFRS,Alt:SEC,Alt:Japanese
- Japanese Basis-Priority:Consolidated,Alternative:Unconsolidated SEC Basis-Priority:Consolidated,Alternative:Unconsolidated IFRS-Priority:Consolidated,Alternative:Unconsolidated Priority:Consol-SEC,Alt:Consol-Japanese,Alt:Unconsol-Japanese
- Priority:Consol-IFRS,ALT:Consol-SEC,Alt:Consol-Japanese,Alt:Unconsol-Japanese

- ▶ Second, we could specify the type of reports of which the financial data is sourced from.
- ▶ For flash report data, choose the “TANSHIN Report Data”; for complete report data, choose the “YUHO Report Data”.
- ▶ The default setting “Prior YUHO Report Data” will first return YUHO report data, if this is unavailable, then it will return us with TANSHIN report data. Let’s adopt this option for now.

YUHO/TANSHIN Type(3)

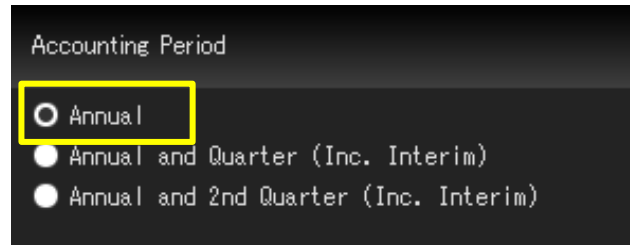
Prior YUHO Report Data TANSHIN Report Data YUHO Report Data

- ▶ Third, the base type. Let’s use the default setting “Fiscal Year Data”.

Base Type(3)

Fiscal Year Data Annual converted Data Aggregated by industrial class Data

- ▶ Finally, we could choose the frequency of our data: Annual, Annual and Quarter or Annual and 2nd Quarter. Again, we will just use the default “Annual” here.



- ▶ To simplify, subkeys are some further details which you could specify for the data you are looking for.

Specifying Targets: Selecting Companies

- ▶ In FQ, there are various ways to look for the companies you are interested in. An easy way is to use the “INDUSTRIAL CLASS” in the Group List.
- ▶ For instance, if our targeted companies are in the automobile industry. We could search for them using the following steps.
- ▶ Expand the “INDUSTRIAL CLASS” folder > “NIKKEI INDUSTRIAL CLASS” > “Manufacturing” > “MOTOR VEHICLES AND AUTO PARTS” > **single-click** “MOTOR VEHICLES”
- ▶ If we single-click the “MOTOR VEHICLES”, we will see all the listed motor vehicle companies appear in the right-hand pane, the “Selection List”. From here, you could select the particular companies you want. To select more than 1 company, hold the “ctrl” key on your keyboard.
- ▶ If we **double-click** the “MOTOR VEHICLES”, **all** listed motor vehicle companies will be selected and appear in the “Adoption List”.
- ▶ Next, click the “Adopt” button.

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Specifying Targets: Selecting Companies

Group / Code Set operation Target Search Screening & Sort

Group List

- INDUSTRIAL CLASS
 - NIKKEI INDUSTRIAL CLASS
 - MANUFACTURING
 - FOODS
 - TEXTILE PRODUCTS
 - PULP AND PAPER
 - CHEMICALS
 - DRUGS
 - PETROLEUM
 - RUBBER PRODUCTS
 - STONE, CLAY AND GLASS PRODUCTS
 - IRON AND STEEL
 - NON FERROUS METAL AND METAL PRODUCTS
 - MACHINERY
 - ELECTRIC AND ELECTRONIC EQUIPMENT
 - SHIPBUILDING AND REPAIRING
 - MOTOR VEHICLES AND AUTO PARTS
 - MOTOR VEHICLES**
 - AUTO PARTS AND ACCESSORIES
 - AUTO BODY, NEC
 - TRANSPORTATION EQUIPMENT

Selection List

Code	English name
T7201	NISSAN MOTOR
T7202	ISUZU MOTORS
T7203	TOYOTA MOTOR
T7205	HINO MOTORS
T7211	mitsubishi MOTORS
T7261	MAZDA MOTOR
T7267	HONDA MOTOR
T7269	SUZUKI MOTOR
T7270	SUBARU

Adoption List

Code	English name
T7201	NISSAN MOTOR
T7203	TOYOTA MOTOR
T7267	HONDA MOTOR

Totals: 3.

Adopt

- ▶ Now, we could specify what data we are interested in. From a high-level perspective, we could select between Balance Sheet (BS), Income Statement (IS), Cash Flow Statement (CF) and etc..
- ▶ Then we could further specify which data items we would like to view in the particular group of data we have chosen earlier. For example, if we are only interested to see companies' gross profit, then we could first select "Income Statement [Cumulative Total]" then specify "Gross Profit [Cumulative Total]".
- ▶ For illustration, let's select all items in the "Income Statement [Cumulative Total]" group. To do this, we could either double-click on this data group or right-click on the data group and click "Adopt".
- ▶ After checking the right data group has been adopted, click "Next Step".

Specifying Corporate Financial Data Items

Item

Please select the items and put it to the list.

Group & Code List Item Search Database Corporate Financial Data (TANSHIN/YUHO) (It)

Group List

- Corporate Financial Data (Tanshin/Yuho) (Incl. Shinkin Bank)
 - Industrial Companies
 - Basic Attribute Items
 - Balance Sheet - Assets
 - Balance Sheet - Liabilities
 - Balance Sheet - Net Assets
 - Income Statement [Cumulative Total]**
 - Income Statement [Quarter]
 - Comprehensive Income [Cumulative Total]
 - Comprehensive Income [Quarter]
 - Cash Flow Statement
 - Changes in Shareholders' Equity
 - Other Items
 - Securities Related Items
 - Notes of Financial Instruments
 - Derivative Related
 - Notes of Retirement Allowances Related Items
 - Notes to Lease Transactions (Borrower)

Selection List

Code	English name	Frequency
A01_YRECFLG3	YUHO Report Recording Flag: Detail Items	XM
A01_YBFINFLG	YUHO Report Recording Flag: Completed (Basic It	XM
A01_YFINFLG	YUHO Report Recording Flag: Completed (Detailed	XM
D01147	Function / Nature Flag [Cumulative Total]	XM
D01021	Net Sales / Operating Revenue [Cumulative Total	XM
D01022	(Financial Revenue) [Cumulative Total]	XM
D01023	Operating Expenses [Cumulative Total]	XM
D01024	Cost of Sales / Operating Cost [Cumulative Total	XM
D01025	Balance Amount of Unrealized Income on Installm	XM
D01026	Gross Profit [Cumulative Total]	XM
D01155	[IFRS] Equity in Earnings of Affiliates [Cumula	XM
D01153	[IFRS] Other Operating Revenue [Cumulative Total	XM
D01157	[IFRS] Foreign Exchange Gains [Cumulative Total	XM
D01159	[IFRS] Others [Cumulative Total]	XM

Adoption List

Totals 141.

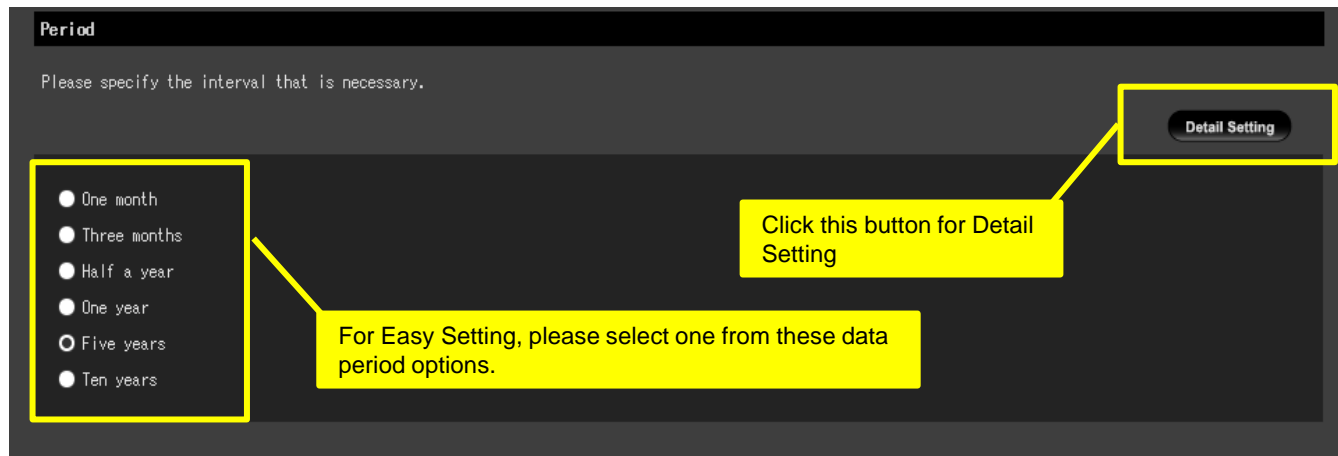
All IRREGULAR(1)

Code	English name
FINFSTA'G_FST_IDPLA (141)	Income Statement [Cumulative Total]

NEEDS

Specifying Data Period (Easy Setting)

- ▶ For data period, we could either specify through “Easy Setting” or “Detail Setting”.
- ▶ Following the previous step, by default, FQ brings us to the “Easy Setting” screen. If neither of the choices in this setting provides the period we are looking for, then we could click the “Detail Setting” button on the top right corner.



NEEDS

Specifying Data Period (Detail Setting)

- ▶ For detailed data period setting, we could either enter an absolute time period or a relative time period.

Absolute Period	YYYY or YYYYMM or YYYYMMDD or YYYY:n (n is the no. of quarter)
Relative Period	For the latest period, enter “P” to “P-n” For future estimates, use “P+n” Eg. for the latest 5 year data, enter “P” to “P-4”

NEEDS

Setting Layout of Data Output

- ▶ Instead of the default layout of the data output given, we could always shift the data items around between columns, rows and tabs by “drag & drop”.

The screenshot shows a 'Report Design' interface with a data table. A red box highlights the top-left corner of the table grid, including the 'Column' and 'Row' headers. Another red box highlights the 'Page' and 'Company' tabs at the bottom left. A third red box highlights the 'Contents selection' dropdown menu at the bottom right, which is set to 'English name + Code' and has the 'incl. Unit' checkbox checked. Red arrows point from the text in the slide to these three highlighted areas.

Column	Consolidate...	YUHO/TANSHI...	DATE													
Row				A	B	C	D	E	F	G	H	I	J	K	L	M
1								Consolidated Type1				Consolidated Type2				
2								SCSECSUB1				SCSECSUB2				
3								YUHO/TANSHIN Type1		YUHO/TANSHIN Type2		YUHO/TANSHIN Type1		YUHO/TANSHIN Type2		
4								TYSUB1		TYSUB2		TYSUB1		TYSUB2		
5								DATE1	DATE2	DATE1	DATE2	DATE1	DATE2	DATE1	DATE2	
6				Base Type1	BASESUB1	Item1	ITEM1	Unit1								
7				Base Type1	BASESUB1	Item2	ITEM2	Unit2								
8				Base Type2	BASESUB2	Item1	ITEM1	Unit1								
9				Base Type2	BASESUB2	Item2	ITEM2	Unit2								
10																

- ▶ This is how you would like the name of the data items to be displayed in your data output.

NEEDS

Exporting Data to Excel

- ▶ Click the “Download” button at the bottom-right when you are happy with the layout setting.
- ▶ It may take a little while for the data to be generated. When the data is ready, a “Report View” will appear with the data we have specified. This file will contain at least 2 sheets/tabs: the first one always being the “Query Sheet” which lists all data request we have made. The second one onwards contains the actual data.
- ▶ To save the data in Excel format, click the save icon on the top-left corner or click “File” > “Save (Ctrl+S)”.
- ▶ Note: Since you are accessing FQ via CrossAsia, the data download process will differ. Please refer to instructions on <https://crossasia.org/en/resources/databases/> or refer to slide 4.

	A	B	C	D	E	F	G	H
1							Priority:Consol-IFRS.ALT:Consol-SEC.Alt:Consol-Japa	
2							C10	
3							Prior YUHO Report Data	
4							Y0	
5								
6						P	P-1	P-2
7	Fiscal Year Data	Nikkei Company Code	FINFSTA.STKNO'NKCODE	7-byte Code		0001351	0001351	0001351
8		Nikkei Industry Code	FINFSTA.STKNO'NKGCODE					
9		Fiscal Year End	FINFSTA.STKNO'ACC	yyyy/mm		2020/03	2019/03	2018/03
10		No. of Months in Fiscal Period	FINFSTA.STKNO'MACC	number of months			12	12
11		Consolidated/Unconsolidated	FINFSTA.STKNO'A01_SCFLG	1-byte Code		2	2	2
12		Consolidation Criteria Flag	FINFSTA.STKNO'A01_SECFLG			1	1	1
13		Accounting Period Flag	FINFSTA.STKNO'A01_HACC	2-byte Code		10	10	10
14		TANSHIN Report Recording Flag	FINFSTA.STKNO'A01_TRECFI			1	1	1
15		TANSHIN Report Recording Flag	FINFSTA.STKNO'A01_TRECFI			1	1	1
16		TANSHIN Report Recording Flag	FINFSTA.STKNO'A01_TRECFI			1	1	1
17		YUHO Report Recording Flag	FINFSTA.STKNO'A01_YRECFI	1-byte Code		1	1	1
18		YUHO Report Recording Flag	FINFSTA.STKNO'A01_YRECFI			1	1	1

NEEDS

Data Limit Per Download

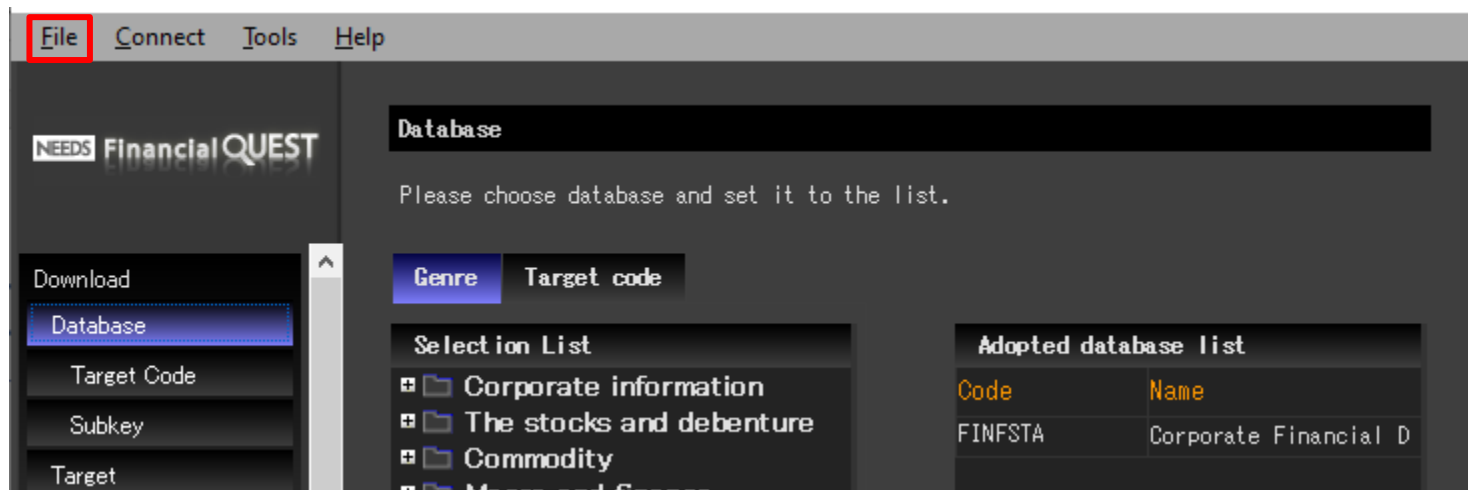
- ▶ There is a limit of how much data can be downloaded at once.
- ▶ When prompted with an error message while downloading data, we could try to reduce the number of targets, data items and/or data period as well as adjusting the data output layout.

No. of Targets	20,000
No. of Items	2,000
No. of Data Periods	10,000
No. of Targets x No. of Data Periods	200,000
No. of Rows in Report	16,000 rows
No. of Columns in Report	255 columns
No. of Sheets/Pages in Report	255 Sheets
No. of Cells in Report	300,000 cells
Time before Session Expires	30 minutes

NEEDS

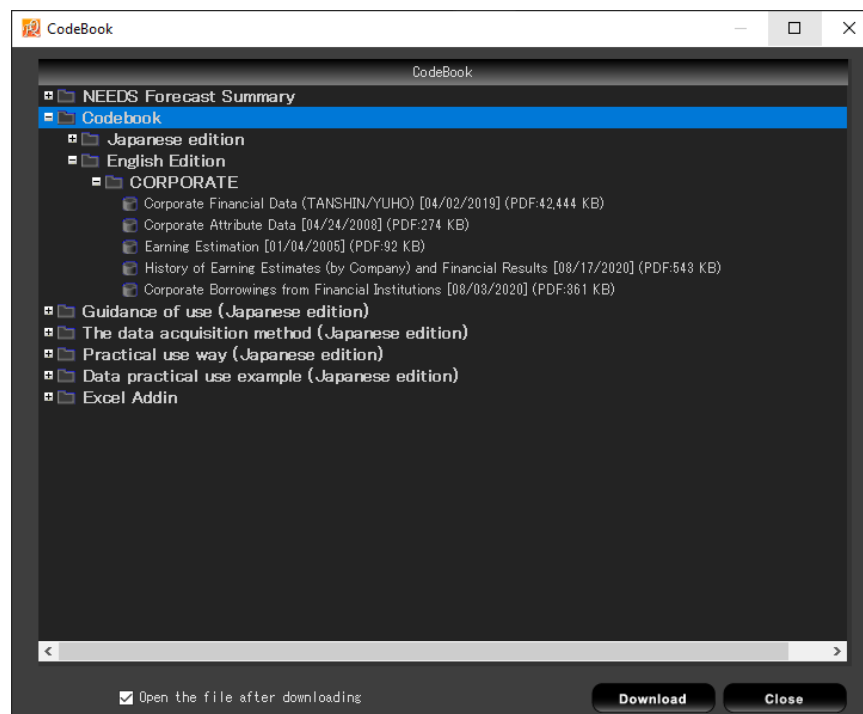
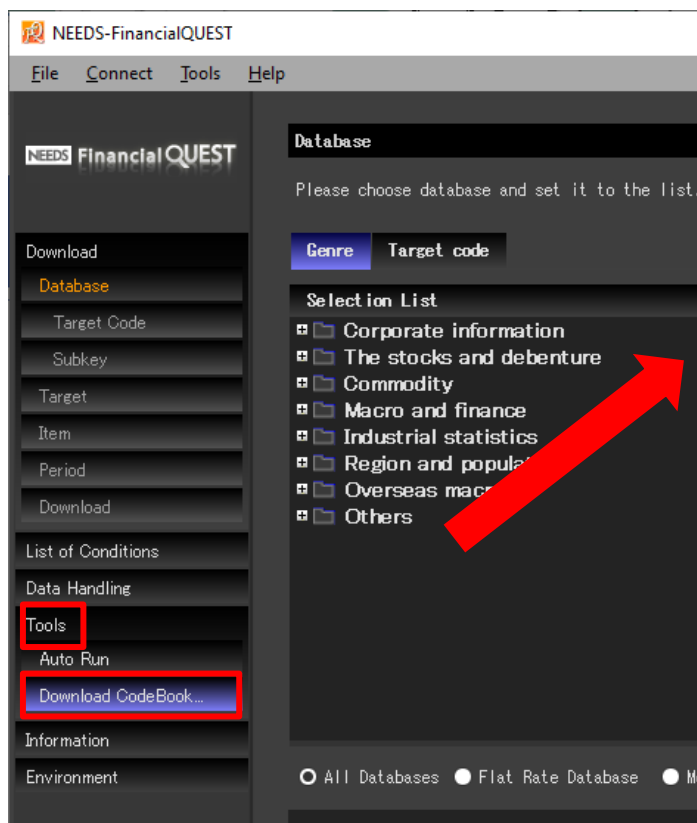
Useful Function in FQ

- ▶ After we download and save the data in Excel file, if we wish to make slight amendments, for eg. update the data with other data periods, we don't need to do this from scratch.
- ▶ Instead, we could login to FQ, click File (at the top-left corner) and open the file. Or we could simply drag & drop the file to FQ screen. FQ will then incorporate the data query/request made in that spreadsheet.
- ▶ To update the data period, on the left pane under Download, click "Period" and replace the data period with the updated ones.



Useful Tool in FQ: Data Manuals

- ▶ In FQ, one of the useful tools is the data manuals. These manuals are helpful when we need to know the definition of the data items. Click on the Tools in the menu and select “Download CodeBook”. You could then find some English version manuals.



Other Data in Your Subscribed Package

On top of the corporate financial data, there are a lot of other useful databases in your subscribed package (the highlighted ones are most popular among researchers)

[NEW] Corporate Financial Data (TANSHIN/YUHO)

Database Name	*Details
Corporate Financial Data (TANSHIN/YUHO)(Incl. Shinkin Banks)	This database records financial data (P&L, Cash Flow, Balance Sheet etc.) of all the listed companies as well as *unlisted companies who submit financial statements.
Segment Data	This database provides financial data by business sector, geographical locations and overseas's sales (depending on data availability).
Earning Estimates	Earnings estimation by Nikkei of listed and JASDAQ listing companies.
History of Earning Estimates (by Company) and Financial Results	Estimates/ results (the latest data) of earnings and dividend sourced from Tanshin report or amendment release announced by companies.
Corporate Attribute Data	This database records company profile information.
Corporate Attribute – Listed Market Info.	Market information (listing date, delisting date etc.) for listed and JASDAQ listed companies.
Corporate Borrowings from Financial Institution	Corporate borrowings from financial institutions, including names of banks and loan amount collected through Nikkei's original survey and/or financial reports.
Major Shareholder Info.	This database records the top 10 to 30 major shareholders' information of companies via Nikkei questionnaire and interviews.
Shareholding Data	Companies' share holding information sourced from securities reports.
Corporate Action Data	Finance and corporate action information such as stock split, reverse stock split etc. of companies.

*Details may vary, please refer to manuals.

If you have any questions about data or functions in NEEDS FinancialQUEST (FQ), please feel free to contact us directly at:

NIKKEI EUROPE

SALES & MARKETING – NEEDS TEAM

Email: e-media@eur.nikkei.com

Business Hours: 9:00 – 17:00, Mon. – Fri. (excl. UK public holidays)

Thank You

Prepared by Nikkei Europe's NEEDS Team