

Datastream Desktop - Getting Started

Maggie Kan

Knowledge Network Senior Specialist

maggie.kan@thomsonreuters.com



Introduction

- The Datastream interface (Advance) offers easy-to-use, pre-formatted charts and tabular reports with flexible charting, to enable you to uncover new insights. The Advance for office (AFO) add-ins enable you to build complex models and reports without using the Advance desktop interface. Data and charts can be linked in Excel, PowerPoint and Word to enable you to create spreadsheets, presentations and documents which using a wealth of different datasets, and these can be refreshed at the click of a button, without the need to repeat the steps to keep them up to date.
- Datastream is the most comprehensive economic and financial time series database. With access to an unrivalled set of historical financial content, you can investigate the correlations and relationships between global economic indicators and various asset classes.
- The Datastream Desktop makes data work for you. By combining deep, reliable and trusted content with powerful analytical tools, you can make better decisions, faster.



Agenda

- Overview
- Screen Design
- Finding Codes
- Creating Requests
- Finding Economics by Interactive Charting
- Self Help and Support



Data Coverage

- Datastream's global databases hold time series information for over 3.5 million financial instruments, securities and indicators for over 175 countries and 60 markets worldwide, with up to 60 years of historical depth for some series, and over 10,000 datatypes, totalling over 140 million time series.
- Data is available across the spectrum of asset classes, from economics, interest rates and forex through to equities and fixed income (including equity indices, bond indices and unit trusts) to commodities and derivatives.
- Data is sourced directly from exchanges and leading international and local suppliers including IMF, OECD, Consensus Economics, S&P, MSCI, FTSE, DJ STOXX, WM Reuters, Tullet Prebon and LME.

Some of the Data need to pay additional subscribe fee – I/B/E/S consensus estimates, Worldscope and MSCI.

Data Coverage details can be found on Datastream Extranet

http://extranet.datastream.com

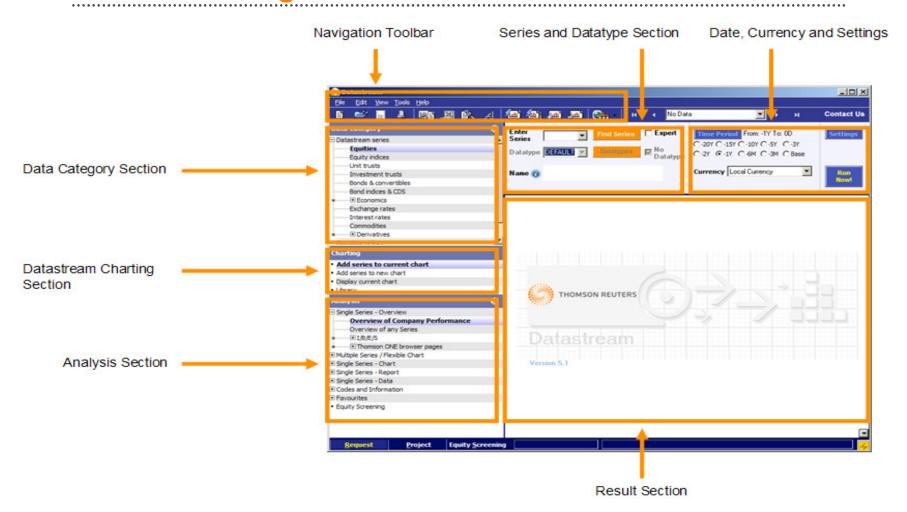


Datastream Components

- Datastream Desktop
- Datastream Navigator
- Datastream Charting
- Datastream AFO

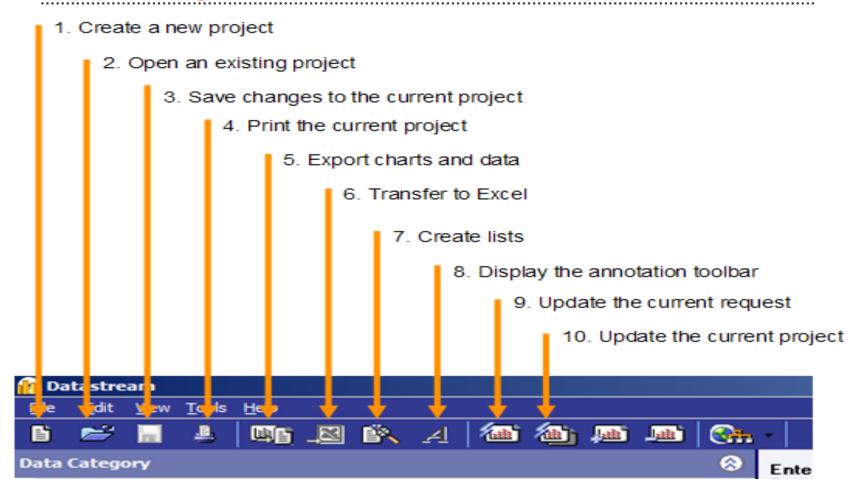


Screen Design





The Navigator Toolbar





The Analysis Section

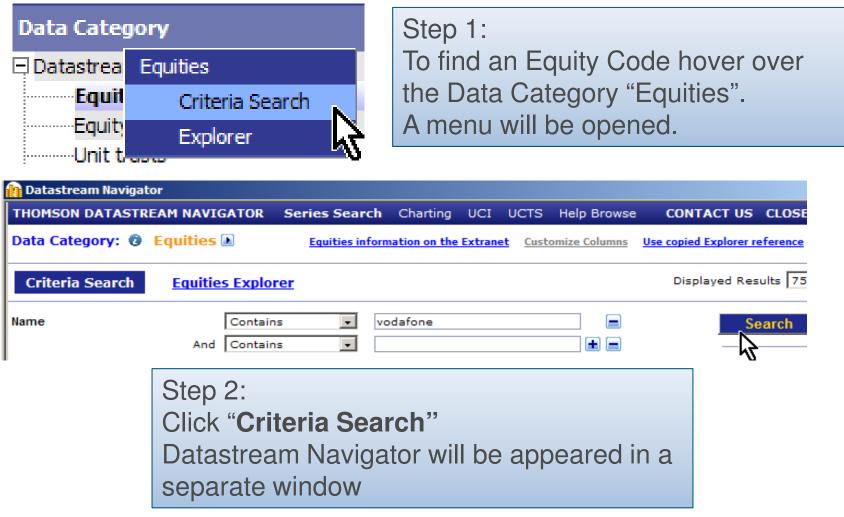
Analysis

- Single Series Overview
- Multiple Series / Flexible Chart
- 🗄 Single Series Chart
- 🗄 Single Series Report
- 🗄 Single Series Data
- E Codes and Information
- E Favourites
- Equity Screening

The Analysis Section allows you to select the type of chart, report or data which you want to create.



Finding Codes





Finding Codes

Enter Series	Find Series Expert	Step 3:
Datatype DEFAULT	Datatypes No Datatype	Click "Find Series" and "Datatypes" to find both
Name 📵 VODAFONE GROUP - VOD		of codes.

Enter Series	VOD		îime Periv ∙20Y ()•1!
Datatype	DEFAULT	Patalanees No	
Name 👔	10D - VOD	α	Irrency

Step 4: If you already know the mnemonic code, you can skip the above module "Find Series" and use "Expert Entry" directly



Creating Requests

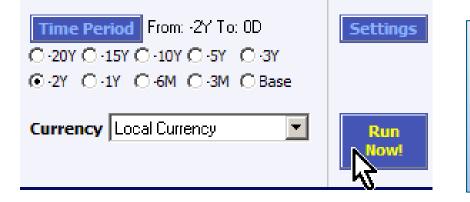
Analysis

Single Series - Overview
 Overview of Company Performance

Overview of any Series

Once you have found the required code you can use it in all the available Analysis tools.

hi



Select a Time Period or use Settings to change Data Interval and Currency base on your preference.



The Result for the Request

DATASTREAM E	QUITIES	v		UP		29/07	/10 13.15	
Mnemonic - VOD Local Code - B160	ə - UK don		Indus	stry Group Sector	- TELMB - TELMB			
Current Price		148.25	28/07/10		Fin.Yr	LocStd	I/B	/E/S
12 Mth Range	High	152.85	15/ 4/10		03/10	03/10	03/11	03/12
5	Low	119.05	29/ 7/09	EPS	12.6	16.2	15.7	15.9
				PE	11.8	9.2	9.5	9.3
Price Change	1mth	3mth	12mth	PE Rel.		57.0%	6	
(£)	4.2%	2.6%	24.5%	P/Cash	7.97	7 (%	6=Rel to F	TALLSH)
(E)	0.7%	6.3%	27.5%					
Relative to FTALL				Dividend R			8.33	
	-4.2%	7.3%	4.4%	Dividend Yi	ield		5.62	
				Dividend C			1.9	
Market Value (£)			78191.56M	Div Last Fir	n Year		6.36	
Adjusted to (E)			93414.63M	Last Div Pa		IT (P)	2.6	
P	rice and Inc	lex (rebased)		Pay Date	05/02	/10 XD	Date	18/11/09
160 _				(£)		3/08	3/09	3/10
1				Total sales		35478M	41017M	44472M
140			Mar al	Pre-Tax Pr		6167M	151M	3932M
		- ANN		Publ. EPS		12.56	5.84	12.58
W	π,	- A show	W MAN	Cash EPS		19.45	22.35	18.59
120 🔤 📊 👖	UNM.		* γ•γ	Mkt to Bk V	/al	1.03	0.75	0.89
1 N .				ROE (%)		9.18	3.75	9.79
100 -	W w	v		No. Shares	in Issue		5274307	70(000s)
	1 1 1			Volume				.8(000s)
80	•			Percentage	of free fl	oat		100%
	JFMAMJ	JASOND.	JFMAMJ	Volatility		3		
VODAFONE	GROUP			Beta	0.0	680		
FTSE ALL SH	HARE (PI))		Correlation	0.	508 Ne	xt Decl.	NOV.10
								tastream

Source: Thomson Reuters Datastream 🕞



Finding Econimics in Interactive Charting

- Datastream Interactive Charting is an intuitive web-based tool, designed around your workflow with key analytical tools just a mouse click away and shortcuts for expert users.
- Datastream Charting allows you to:
 - Access key economic indicators and preview datasets with a few mouse clicks
 - Easily create charts for any financial instrument or indicator
 - Manage charts, styles, and templates through the library
 - Modify charts with customized expressions and multiple options
 - Insert refreshable charts in Microsoft Office documents



Access Interactive Charting

fi d	atastream Navigato	r	
тно	IMSON DATASTREA	M	NAVIGATOR Series Search Charting UC
Dat	a Category: 🙆 🛛 E	qu	ities 🗈
<u>C</u>	riteria Search	R	esults <u>Equities Explorer</u>
	Name 🔺 🕈		Microsoft
	MICROSOFT	- 💽	Display Related Constituent Lists
	MICROSOFT (FRA)		Display Related Equity Indices
	MICROSOFT (HKG)		Display Related User Created Indices
	MICROSOFT (LIM)		Display Series in Equities Explorer Tree
	MICROSOFT (XET)		Classifications & Metadata
			New chart
			Add to chart
			Report 🕏

When you are looking for codes in Datastream Navigator, hover over the Fly-out next to the entity name and select New chart or Add to **chart** to see the series in Datastream Charting

Charting

- Add series to current chart
- Add series to new chart.
- Aug Serve
 Display current chart
- Library

In Datastream Desktop, click on any item of the Charting menu and it will navigate you to Datastream Charting



Key Economic Indicators

Indicators Library Chart Ove	erview Report	Calendar				What's New? 📳 🗷 🖨
astream Key Economic Indicators for China	or [select category]		×			Release Calendar for United S
Use Selections Canada Chile	~	DS Mnemonic	Latest Date	Y/Y 96	Previous Date	Units
Surveys & Cyclical Indexes China						
THE CONFERENCE BOARD LEADING ECC Croatia	X 🔊	USCYLEAD	109.8 Jun 10	8.39	110 May 10	Index
MONEY SUPPLY M2 (BCT 106) Czech Republic		0-1	7783.7 Jun 10	0.55	Expo	ort series
CONSUMER CONFIDENCE INDEX Denmark Ecuador		Select country or	50.4 Jul 10	6.33	Contraction of the local division of the loc	to Excel
UNIVERSITY OF MICHIGAN CONSUMER Egypt	2	category type	69.6 Aug 10	5.94	uata	IO EXCEI
NATIONAL ASSOCIATION OF HOME BUIL Euroland	NDEX 🔊		13 Aug 10	-27.78		
ISM PURCHASING MANAGERS INDEX (M Fridand		USON#8050	55.5 Jul 10	13.03	56.2 Jun 10	Index
ISM NONMAN IFACTI REPS SI EVEN ING Germany		USISMWMIR	54.3 Jul 10	16.27	53.8 Jun 10	Index
		USPMOHEE	62.3 Jul 10	46.17	59.1 Jun 10	Index
RVEY - Iceland	ACTURING	USERBRIM	5.1 Jul 10	-157.30	8 Jun 10	Index
EMPIRE STATE MEG SURVEY DIFFUSION	NDITIONS A	USERNEMEQ	7.1 Aug 10	-30.05	5.08 Jul 10	Index
TIPP ECONOMIC OPTIMISM INDEX: OVE Ireland		USTMECO.R	43.6 Aug 10	-13.32	44.7 Jul 10	Index - Diffusion
INDUSTRIAL PRODUCTION - TOTAL IND Italy		USIPTOT.G	93.4009 Jul 10	7.74	92.4881 Jun 10	Index
NEW PRIVATE HOUSING UNITS AUTHOR Jordan	(AR)	USHOUSATE	565 Jul 10	-3.75	583 Jun 10	Actual Thousands
National Accounts Kezakhstan Kenya						
GDP (AR) 2 A Korea		USGDPB	14597.7 Q2 10	4.01	14446.4 Q1 10	U.S. Dollar Billions
GDP (AR) (2) 🔊		USGDPD	13216.5 Q2 10	3.17	13138.8 Q1 10	U.S. Dollar Billons
PERSONAL CONSUL	1034300000000	USCNPER.8	10273.6 Q2 10	3.56	10230.8 Q1 10	U.S. Dollar Billons
Deersonal consure Collapse or 6	expand	USCNPER.D	9262.7 Q2 10	1.60	9225.4 Q1 10	U.S. Dollar Billions
GOVERNMENT.CON classification	aroup	USCNGOV.B	2993.5 Q2 10	2.54	2955.7 Q1 10	U.S. Dollar Billons
GOVERNMENT CON		USCNGOV.D	2567.5 Q2 10	0.71	2540.2 Q1 10	U.S. Dollar Billions
PRIVATE DOMESTIC FIXED INVESTMENT (AR) 2		USGECE8	1762.8 Q2 10	3.10	1689.8 Q1 10	U.S. Dollar Billons

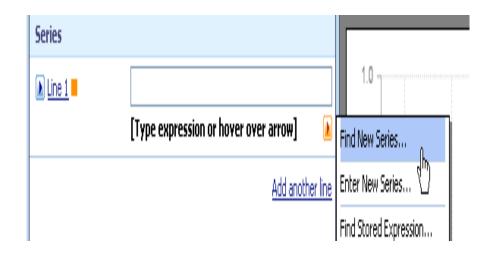


.

Creating Charts

Datastream Key Economic Indicators for [select country]	v or National Accounts - GDP by Expenditure	۷			
Use Selections 🖉 Create New Chart 🔥	D\$ Mnemonic	Latest Date Y/1	Y 96		
L 🛛 Argentina - GDP (A Add To Current Chai	AGGDPD	406399 Q1 10 6	6.25		
🔟 🔲 Armenia - GDP AT 🛛 Export Series To Excel	AMGDPA	555520.1 Q1 10 13	3.66		
🔟 🗌 <u>Australia - GDP (CVM)</u> 🔎	AUGDPD	306994 Q1 10	2.71		
🔟 🔲 <u>Austria - GDP</u> 🔊	OEGDPD	64217.5 Q1 10	0.36		

You can create charts easily by using the menu in the Key Indicators page

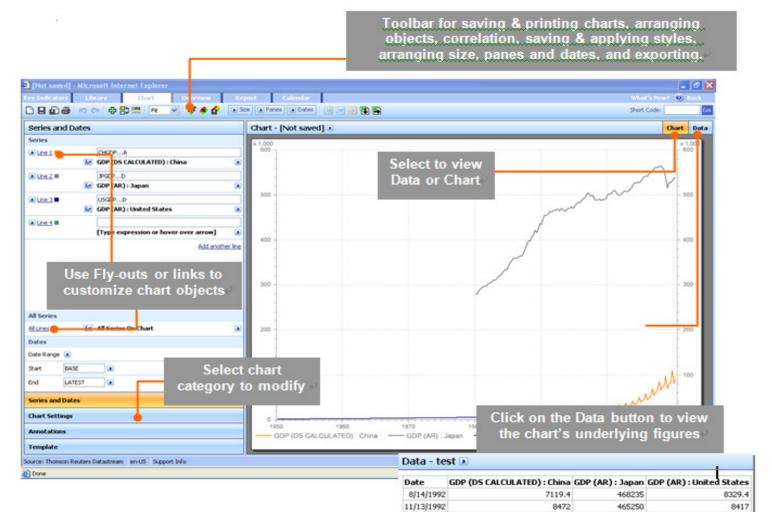


Alternatively, on the Chart page you can:

- use expert entry: type an identifier into a series field.
- find a new series using the Fly-out next to each line and select Find New Series to open Navigator.



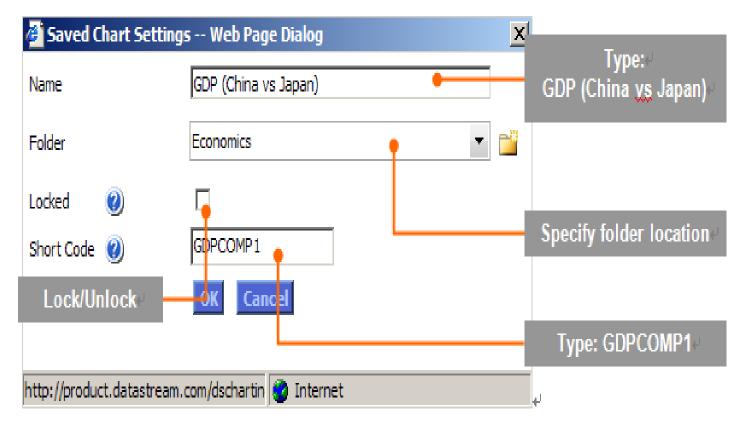
Overview of the Chart Page





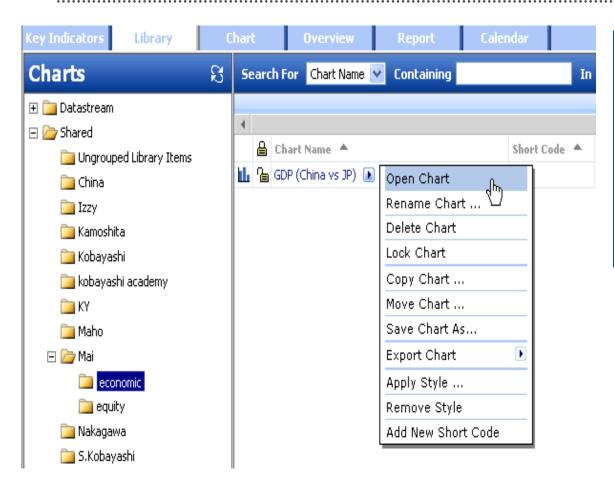
Saving and Managing Charts

Click the Save As button and the following dialog appears:





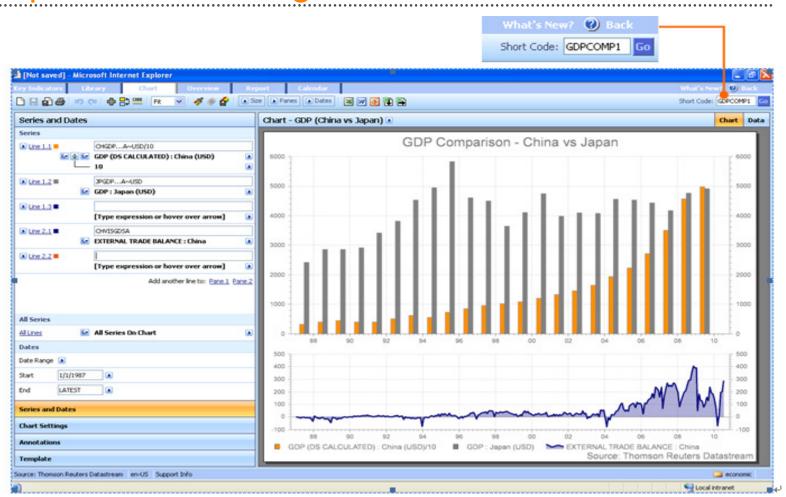
Managing charts in the Library



You can search for saved charts in the Library page of Datastream Charting using the name and folder specified at saving.



Open Charts using Short Codes





Exporting Charts & Data



Exporting Chart

Charts can be exported to Excel, Word or PowerPoint as refreshable objects. To export the current chart in the canvas, choose the **Export to Excel** / **Export to Word** / **Export to PowerPoint** option in the Chart page as appropriate. Note that you will be prompted to save the chart in your Chart Library if you have not already done so.

Exporting data to Excel

Click on either the Export Series Data to Excel (Series as Columns) icon or the Export Series Data to Excel (Series as Rows) icon as required.



Extranet



THOMSON REUTERS



PRODUCT S AND DATA PRODUCT INFORMATION Datastream Desktop (Advance & AFO) Datastream Charting Datastream Data Loader

DATA INFORMATION

Content Factsheets Equities Equity Indices Thomson Reuters Indices VB/E/S Consensus I/B/E/S Global Aggregates Worldscope Bonds and Convertibles Bond Indices Credit Default Swaps Economics Interest & Exchange Rates Commodifies Unit Trusts Investment Trusts Warrants Futures Options User Created Indices (UCI) April - June Issue of Infostream

Welcome to the Research Extranet

I/B/E/S FORECAST

DOW JONES STOXX 50

Online support for Datastream content and desktops, with links to the extensive range of Thomson Reuters financial products.

Product & Content News

DEX Canadian Bond Indices – Coverag

Due to changes in commercial agreements effecti data Thomson Reuters host on Datastream suppl Income Indices will be part discontinued.

For more details on this content - click on the full s

Thomson Reuters CDS content to beco Datastream - 1 Oct 2010

Thomson Reuters is pleased to announce that fro CDS content will be the strategic source for CDS of and unique proprietary content will provide users w 1400 entities), greater currency choices and more be able to access historical data back to 2004, soo analytical functions to integrate this with the Thom.

For more details on this content - click on the full s

Germany - Deutsche Borse constituent

With offect from 4 July 2040 there will be

The Extranet is a support tool created to help you get the most out of Datastream. It contains information on new content and functionality and an increasing range of spreadsheets, documents and presentations showing how Datastream charts and data can be used in Excel, Word and PowerPoint.

0

S CONSUMER

SIA M&A ACTIVITY

Contact Us

OUTPUT GAP OF

G7 ECONOMIES

View Alerts

Data Alerts

Profile Logoff

QUICK LINKS

Help And Feedback

EMAIL ALERTS AND



22

Key points to remember

- The Datastream Desktop gives you access to the world's largest historical financial numerical database and allows for charting and downloading data into MS Office applications
- To request data use a code and select a datatype
- Use Navigator to search for codes and datatypes
- Pre-built programmes make it easy to display standard charts and reports
- The Extranet is Datastream's external customer support site. It is a very comprehensive and totally free service to customers, and an useful information resource.

http://extranet.datastream.com



Next Step – Training http://training.thomsonreuters.com/

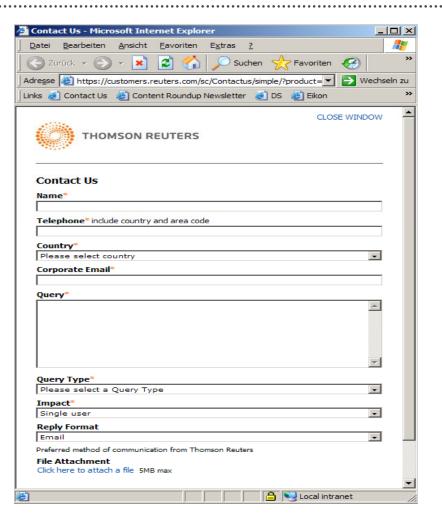
	V 🔒 🗲 Live Search	
Edit View Favorites Tools Help		
🔋 Learning Portal 👩 ThomsonReuters 👩 Room Booking. 👩 CRM R5.0 🞯! Yahoo!奇摩 🔧 Gmail		
Thomson Reuters: Knowledge Network - Home	🙆 • 🔊 ·	🖶 • 🗗 🎯
THOMSON REUTERS	KNOWLEDGE NETWORK	
Outputs Deschable Disch		
Select a Product to Start	CUSTOMER ZONE REQUEST TRAINING	
Thomson Reuters Elkon		
Reuters Trader for Commodities Advanced		
Datastream Lipper for Investment Management		
Thomson ONE Investment Analyst Thomson ONE.com Investment Banking		
Thomson ONE.com Wealth Management Tools		
Other NP		
Click Play to learn more about the KNOWLEDGE NETWORK.		
Or select a product from the drop-down menu above to		
access KNOWLEDGE LIVE and OnDEMAND offerings		

THOMSON REUTERS

Thank you for your time

Contact Us







.....



.....



.....





Datastream AFO (Excel Add-In)

Maggie Kan

Knowledge Network Senior Specialist maggie.kan@thomsonreuters.com



Agenda

- Datastream AFO Overview
- Static Request
- Time Series Request
- Request Table
- Self Help
- Q&A



Datastream AFO Tool

🕙 Eile Edit	<u>V</u> iew <u>I</u> nser	t F <u>o</u> rmat	<u>T</u> ools <u>D</u> at	a <u>W</u> indow	Dat	astream-AFO Help Adobe	PDF		
		🔁 • 🤊			S Ts	Static Request Time Series Request		B /	<u>u</u> =
K10	l 😎 🎦 [] ▼ 🎝	and the second second second	- 10 (P	∉Reply with <u>(</u>	<u>S</u>	Company Accounts Request		1	
Static Re	auosts	rotriov	e data	E	65	Navigator		1	J
						UCI Manager			
on a spe			reas			Request Management	+		
Time Se	ries Rec	quests				Refresh Workbook			
retrieve l					-	Request Table			
period fr						User Created Time Series	•		
date at a	specifi	c frequ	ency			Tools	•		
10						Options			
11						Resize Embedded Charts			
13						Web Browser	+		
14						Help			
15						Online Manuals			
16 17									
18					*>	AFO Samples			
19						About Datastream Addin		-	



.

AFO in Excel 2007

C .	📕 भी र (भ र 🔍						Book:	L [Compa	tibility Mode]	- Microso	ft Excel
	Home Insert Page	Lavo	ut Formulas	Data	Review	v Vie	w Ad	d-Ins T	'nomson Reute	rs	
	atastream 🔽										
	Static Request Time Series Request										
	Manage Requests	1	Request Manager								
62	Find Series		Refresh Workbool	k							
	UCI Manager		Resize Embedded	Charts		G	Н	1	J	K	L
	New Request Table	 Image: A start of the start of	Datachannel Butto	ons - Show							
	Office 2003 Request Table		Datachannel Butto	ons - Hide							
f	Process Request Table	FA	Company Account	s Request							
ŧ٥	Samples Sheets	F			_						
	Conversion Wizard										
;;;	Create List (From Range)	-									
	More Tools	\vdash									
*	Options										
5	<u>D</u> atastream Extranet	-									
	Help and online manuals										
	Contact Us										
	About Datastream Add-ins 🕨	-									
8											
19											

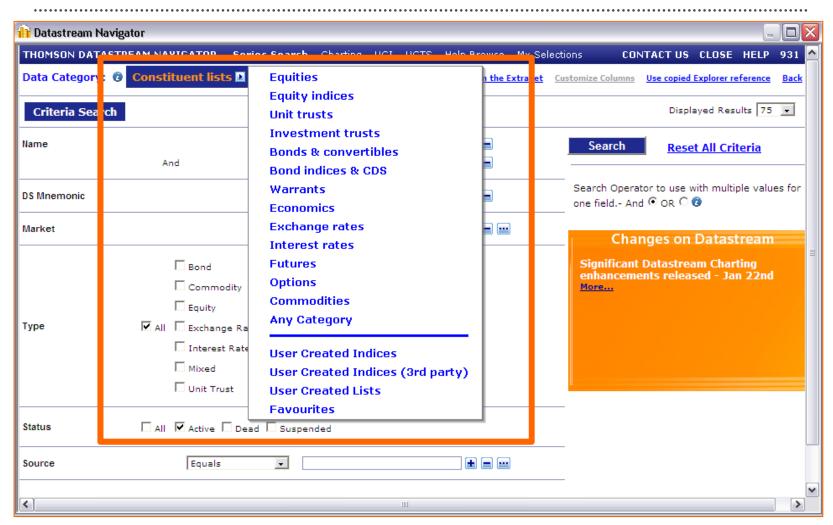


Time Series Request

		Datastream Navigat
e Series Request		
- Request Details		
Series/Lists 🛒		Find Series
🔲 🔲 Display Data As	MSChart	R
TS for each item		
Datatypes/ <u>fx</u>		Datatypes
⊯ \$		(1)
Start Date	▼ Frequency Da	ilu 💌
End Date	•	
Options		
✓ Display <u>R</u> ow Titles	Display Expression	Embed
Display Column Titles	1st Series	Auto Refresh
Display Headings	 Description 	└ Visible Button
Transpose Data	Display DataType-	
Display Code	C Description	
Display Currency	C Mnemonic	
Display Latest Value First		
Hyperlink to Metadata		
Help Default Options		Submit Cancel



Datastream Navigator – Find Data Category



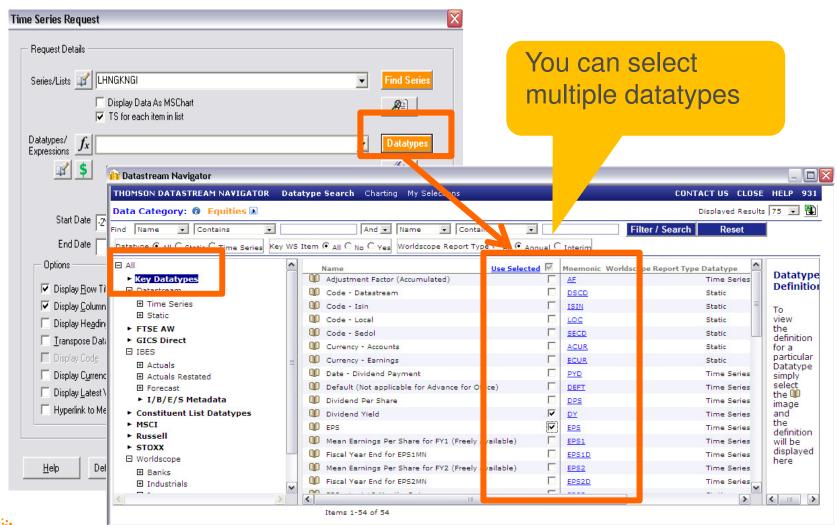


Finding Constituent List

Datastream Naviga	ator							• • • • • • • •			
THOMSON DATASTR	EAM NAVIGATOR Serie	es Search Cl	harting UCI UCTS Help Browse My Selections	CONTACT US CLOSE HE	LP 931 🔨						
	Constituent lists 膨		Constituent lists information on the Extranet Customi								
ata category. G	constituent insts		constituent lists information on the exclanet		DOCK						
Criteria Search				Displayed Results	75 🔹						
ame	Contains	▼ Hang	seng	Search <u>Reset All Criteria</u>	1						
S Mnemonic	Contains	•	🕼 Datast sam Navigator		1.00						_ 0
5 Milemonic	Contains	<u> </u>	THOMSON TASTREAM NAVIGATOR	Series Search Charting	UCI UCTS H	lelp Browse	My Selec	tions	CONTACT	TUS CLOSE HEI	LP 931
Market	Equals	•	Data Category 🗿 Constituent list	is 🗈 🖸	onstituent lists inforn	nation on the E:	xtranet O	ustomize Co	olumns Use o	opied Explorer referer	nce <u>Back</u>
	Tedoop										-
			Criteria Search Results				Displayed	Results [75 🔹 Nam	ne contains <mark>hang se</mark>	eng 🚥 🔁
	🗖 Bond	🗌 Bond Index	Name AV	Use Selected 🗸	DS Mnemonic AT	Market ▲▼	Tuno AT	Size ▲▼	Status ▲▼	Source AV	^
	🗌 Commodity	Economic 🗌	HANG SENG COMPOSITE		LH HCOMP0211	Hong Kong	Equity	320	Active	Hang Seng Bank	
	Equity	🗌 Equity Inde			HCOMP	Hong Kong		370	Active	Hang Seng Bank	
			HANG SENG FINANCE		LHKHSFIN0211	Mixed	Equity	11	Active	Hang Seng Bank	
уре	🗹 All 🗌 Exchange Rate	e 🗌 Future	HANG SENG FINANCE		LHKHSFIN1001	Hong Kong		3	Active	Hang Seng Bank	
	🗌 Interest Rate		HANG SENG FINANCE		LHKHSFIN	Mixed	Equity	11	Active	Hang Seng Bank	
		i investment	HANG SENG HK 35		LHKHH35I	Hong Kong		35	Active	Hang Seng Bank	
	Mixed	C Option	HANG SENG HK 35		LHKHH3510211	Hong Kong	Equity	35	Active	Hang Seng Bank	
	🗌 Unit Trust	Warrant	HANG SENG HK 35		LHKHH3510310	Hong Kong	Equity	35	Active	Hang Seng Bank	
	I Onit Trust	i warrant	HANG SENG INDEX		LHNGKNGI1001	Hong Kong	Equity	33	Active	Hang Seng Bank	
			HANG SENG INDEX		LHI SKNGI0211	Hong Kong	Equity	45	Active	Hang Seng Bank	
tatus	🗌 All 🔽 Active 🗌 Dead		HANG SENG INDEX		LHI SKNGI	Hong Kong	Equity	45	Active	Hang Seng Bank	
atus	I All IM Active I Dead	i 🗆 Suspended	HANG SENG MAINLAND 100	Image:	LHI HM1000310	Hong Kong	Equity	100	Active	Hang Seng Bank	
			HANG SENG MAINLAND 100		LINHM1000211	Mixed	Equity	100	Active	Hang Seng Bank	
ource	Equals	•	HANG SENG MAINLAND 100		LHKHM100	Hong Kong	Equity	100	Active	Hang Seng Bank	=
	, .		HANG SENG MAINLAND 25	🗖 🔝	LHKHFM250310	Mixed	Equity	25	Active	Hang Seng Bank	
			HANG SENG MAINLAND 25	Image: A start and a start	LHKHFM250211	Mixed	Equity	25	Active	Hang Seng Bank	
1			HANG SENG MAINLAND 25		LHKHFM25	Mixed	Equity	25	Active	Hang Seng Bank	~
·			<								>
			Items 1-75 of 85	II I Back Page:	[1] <u>2</u> Next F						
				<u>Results</u> <u>Print</u>	able version <u>En</u>	able Preference	25			Nav Bu	iild:931



Search for Datatypes





Options Setting

Fime Series Request Request Details Series/Lists ↓ LHNGKNGI Display Data As MSC TS for each item in lis Datatypes/ Expressions ↓ LHNGKNGI DY,EPS ↓ LHNGKNGI ↓ LHNGK	Note: Auto Refresh a	you to format the results. allows the sheet to be omatically each time while e
Start DateY	Frequency Da	aily
 Display <u>R</u>ow Titles Display <u>C</u>olumn Titles Display Headings <u>I</u>ranspose Data Display Code Display Currency Display <u>L</u>atest Value First Hyperlink to Metadata 	Display Expression C 1st Series Description Display DataType C Description Mnemonic	 ✓ Embed ✓ Auto Refresh ✓ Visible Button
<u>H</u> elp Default Options		<u>S</u> ubmit Cancel



Results of Time Series Request

	📙 १२ (२ -) =						atibility Mode] -	Microsoft Excel	1				
-	Home Insert	Page Layou	it Formula	as Data F	Review View	Add-Ins	Thomson Reuters						□
Di	atastream *		Vau		rofro	ah th	o obc						
			YOU	can	reire	Srith	e sne	eel					
anu	J Commands												
entu													
1	AI •C	Jx INB		-		-	-						
	A NDOOL		C	D	E	F DANK OF FAG	G	H			K		M
_	Refresh BOC H						951410(EPS)						CHINA CON.BA 31988F(EPS)
Ľ	3/20/2009	12.38	1.43	5.04	35968W(EPS) 0.26		951410(EPS) 0.02	31203N(DY) 4.64			50520M(EPS) 0.23		
	3/23/2009	11.92	1.43	4.91	0.20			4.36					
	3/24/2009	5.3	0.32	6.2	0.24			4.19			0.24		
	3/25/2009	5.42	0.32	6.1	0.24			4.26			0.24		
	3/26/2009	5.35	0.32	5.65	0.24	1.43	0.02	3.89	0.55	1.8	0.24	4.22	0.39
	3/27/2009	5.2	0.32	5.59	0.24	1.46	0.02	3.96	0.55	1.68	0.24		
	3/30/2009	5.37	0.32	5.97	0.24	1.52	0.02	4.28	0.55	1.77	0.24	1 5.18	0.39
	3/31/2009	5.52	0.32	5.74	0.24			4.22	0.55	1.88	0.24	4 5.01	0.39
	4/1/2009	5.03	0.32	5.74	0.24			4.25			0.24		
	4/2/2009	4.88	0.32	5.53	0.24	1.38	0.02	3.95	0.55	1.59	0.24	4.8	8 0.39
	4/3/2009	4.69	0.32	5.63	0.24			3.92			0.24		
	4/6/2009	4.67	0.32	5.5	0.24		0.02	3.78			0.24		
	4/7/2009	4.74	0.32	5.4	0.24			3.72			0.24		
	4/8/2009	4.82	0.32	5.46	0.24			3.9			0.24		
	4/9/2009	4.61	0.32	5.23	0.24			3.74			0.24		
	4/10/2009	4.61	0.32	5.23	0.24			3.74			0.24		
	4/13/2009	4.61	0.32	5.23	0.24			3.74			0.24		
-	4/14/2009	4.13	0.32	5	0.24			3.54			0.24		
-	4/15/2009 4/16/2009	4.06 4.12	0.32	5.05 5.16	0.24			3.53 3.6			0.24		
	4/16/2009	4.12	0.32	5.16	0.24			3.6			0.24		
	4/20/2009	4.17	0.32	5.25	0.24			3.65			0.24		
-	4/21/2009	4.00	0.32	5.02	0.24			3.58			0.24		
	4/22/2009	4.13	0.32	5.23	0.24		0.02	3.69			0.24		
	4/23/2009	3.98	0.32	5.1	0.24		0.02	3.62			0.24		
	4/24/2009	3.98	0.32	5.12	0.24			3.62			0.24		
	4/27/2009	4.11	0.32	5.34	0.24			3.8					
	4/28/2009	4.23	0.32	5.34	0.24			3.87			0.24		
	4/29/2009	4.12	0.32	5.21	0.24		0.02	3.71			0.24		
	4/30/2009	3.96	0.32	5.09	0.24	1.22	0.02	3.6	0.55	1.24	0.24	4.87	0.39
	5/1/2009	3.96	0.32	5.09	0.24	1.22	0.02	3.6		1.24	0.24	4.87	0.39
(\rightarrow)	Sheet1 Shee	et2 🖌 Sheet3	8 / 🞾 📃					I 4					•
dy												100% 😑 🗕	(·



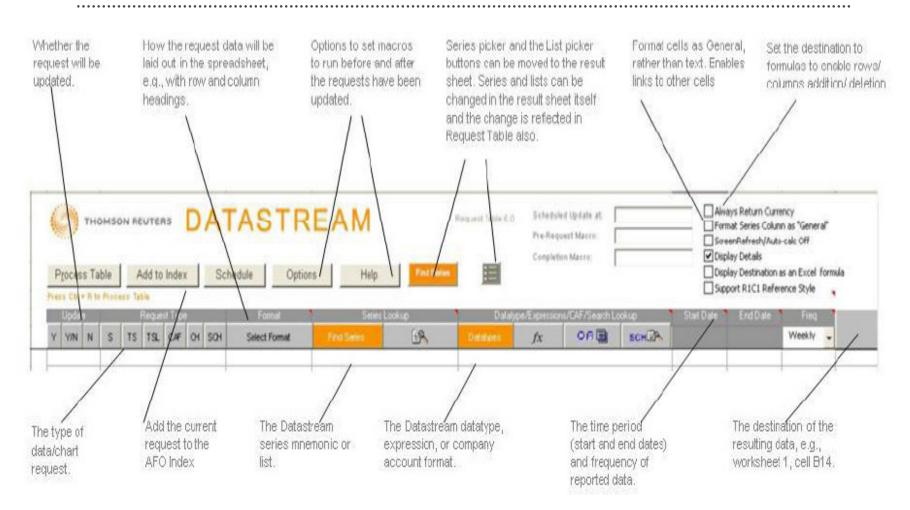
.

Request Table

👧 🗜 १९ - (२ - 💷			Adv_xl	1.xls - Microsoft	t Excel						-	= x
Home Insert F	age Layout Formulas	Data Review	View Add-Ins	Thomson Reuters							0 –	⊐ ×
Datastream ~												-
Menu Commands	<i>c</i>											
StartPosition -	f _x C	D	E			F			G	Н		×
1 THOMSON R 2 3 3 Process Table 4 Press Ctrl+ R to Process T.	Add to Index Sche	TASTR redule Options	EAM Help	Request Table 5.0		Scheduled Update Pre-Request Macr Completion Macro:			ScreenRefre	es Column as "G esh/Auto-calc O	ff (cel formula	
5 Update	Request Type	Format	Series Looku			atatype/Expressions		and the second second second	Start Date	End Date	Freq Daily	
6 Y Y/N N S TS	TSL CAF CH SCH	Select Format	Find Series	ER.	Datatypes	fx	on 🗐	SCHER			Daily	
9 10 11	Reque an Exc entering Hence transfe from Da series. to creat	el Temp g reque this is o rring ar atastrea This is	olate w est para great if id pres am on where	amete your entin a reg you o	ers a use g la ular can	as inc of E rge a basis use t	divid xcel mou s for he F	ual E invo ints the Requ	Exce olves of da sam uest	ata Ie		



Parameters on Request Table





Process Table

	📙 🄊 - (°	•) •		Ac	lv_xl1.xls - Microsoft	Excel						-	= x
	Home In	nsert Page Layout Formulas	Data Review	v View Add-Ins	Thomson Reuters							0 –	□×
Da	tastream *												
Menu	Commands												
		\bullet (f_x		1									*
A	В	C	D	E			F			G	Н		A
1	ТНО		ΔΤΔΟΙ	REAM	Request Table 5.0		Scheduled Update at:			Always Ret			
							Pre-Request Macro:	, 		Format Seri	es Column as "G esh/Auto-calc O		
2			83	2			Completion Macro:			■ Screenkem		п	
3	Process Tabl	le Add to Index So	chedule Op	tions Help	Find Series			1		Display Des	tination as an E		
4		le			_					1.5	C1 Reference Si	tyle	•
4 5	Update	Request Type	Format	Series L			atype/Expressions/CA	[Start Date	End Date	Freq	
6	Y Y/N N	S TS TSL CAF CH SCH	Select Format	Find Series	ER .	Datatypes		De 🗐	SCHE			Daily	-
7	YES	TSL	HRC	L#SP001		P, MV, EPS				01/01/2010	02/01/2011	Daily	
8	YES	TSL	HRC	LHNGKNGI		P, DY, EPS				01/01/2010	02/01/2011	Daily	
10										-			
11						-							
12													
13 14													
15												2 2	
16													
17													
18 19													
20													
21													
22 23												-	
23										<u>e</u>		<u></u>	
25													
26													
27 28						-				<i></i>		0	
20													
H + +	REQUEST	TABLE 🔁					•				0.08/		
Ready											.00% 😁		- 🕀 .:i



Results on Request Table

<u>ດ 🖬 ທ</u>	• (° ! •) ⊽							Adv_xl1.x	ls - Micros	oft Excel								
Home	Insert	Page Lay	yout For	rmulas [Data Rev	iew Vie	w Add	Ins The	omson Reute	rs							(0 _ 0
Datastream	+												_	_		_		
butastream																		
nu Commanc	1.																	
A1		£	Start															
A	B	C Jx	D	E	F	G	Н	1	1	K	1	Μ	N	0	P	Q	R	S
Start 1	1/1/2010	C	U	E	F	6	п		J	n	L	IVI	IN	0	F	Q	R	3
End	2/1/2011																	
Frequency																		
		HOUSING	HOUSING	RELIANCE	RELIANCE	RELIANCE	INFOSYS	INFOSYS	INFOSYS	LARSEN 8	LARSEN 8	LARSEN 8	HINDUSTA	HINDUSTA	HINDUSTA	RELIANCE	RELIANCE	RELIANC
Code	IN:HDF(P)	IN:HDF(M)	IN:HDF(EF	IN:REL(P)	IN:REL(M\	N:REL(EF	IN:INE(P)	IN:INE(MV	IN:INE(EP	IN:LST(P)	IN:LST(MV	IN:LST(EP	IN:HDL(P)	IN:HDL(M)	IN:HDL(EF	IN:REY(P)	IN:REY(M)	N:REY(E
1/1/2010		765476.8	17.55	1089.4		40.06	2605.25		105.86			78.43		577536.4	9.09		259685.6	54.3
1/4/2010		764004.3	17.55	1075.35		40.06	2614.25	1498779	105.86			78.43		577427.3	9.09		265221.7	54.3
1/5/2010		766548.4	17.55	1069.55	3515165	40.06	2620	1502076				78.43		575245.8	9.09		269535.1	54.3
1/6/2010		769121.3	17.55	1088.8		40.06	2584.6		105.86			78.43		577536.4	9.09		263331.1	54.3
1/7/2010		756186.4	17.55	1105.2		40.06	2525.25 2464.45		105.86			78.43		578408.8 580371.9	9.09		263625.4	54.3 54.3
1/8/2010 1/11/2010		743323.1	17.55	1101.95	3621651 3554604	40.06	2464.45	1412697	105.86 105.86			78.43		5800371.9	9.09 9.09		263670.7 262844.3	54.3
1/12/2010		733613.9	18.34	1083.7	3561671	40.06	2587.45		103.66			78.43		574264.3	9.09		256379.8	54.3
1/13/2010		729536.3	18.34	1088.35		40.06	2686.25		103.55			78.43		574918.3	9.09		257919.5	54.3
1/14/2010		722325.3	18.34	1120.85	3683767	40.06	2689.1	1541691	103.55			78.43		558448.9	9.09		254692.9	54.3
1/15/2010		721337.7	18.34	1109.2		40.06	2675.4		103.55		991169.7	78.43		559102.8	9.09		254591.1	54.3
1/18/2010		731997.1	18.34	1099.55	3613762	40.06	2679.2				993360.6	78.43		560411.9	9.09		255485.4	54.3
1/19/2010	502.08	718347.3	18.34	1085.2	3566600	40.06	2636.45	1511507	103.55	1643.8	986727.7	78.43	255.2	556703.7	9.09	1122.3	254115.6	54.3
1/20/2010	504.82	722267.6	18.34	1077.75	3542115	40.06	2652.9	1520937	103.55	1636.45	982315.8	78.43	257.7	562157.2	9.09	1109.5	251217.4	54.3
1/21/2010	487.79		18.34	1053.8	3463401	40.06	2621.2		103.55		917316.6	65.36		560193.6	9.09	1073.95		54.3
1/22/2010		687000.3	18.34	1053.15		47	2573.05		103.55		886023.8	65.36	257.8	562375	9.09		239692.4	54.3
1/25/2010		682207.3	18.34	1041.7		47	2537.85	1454978	103.55		897036.4	65.36		575572.8	9.09		240224.5	54.3
1/26/2010		682207.3	18.34		3423634	47	2537.85		103.55		897036.4	65.36		575572.8	9.09		240224.5	54.3
1/27/2010		660531.5	18.34	1025.85		47	2498.4		103.55			65.36		565647.2	9.24		233035.5	54.3
1/28/2010 1/29/2010		672163.5 681720.8	18.34 18.34	1037.4 1046.55	3409501 3439573	47	2494.35 2476.7		103.55 103.55		861261 857560.1	65.36 65.36		557249.1 532489.7	9.24 9.24	1039.4	235345 234009.2	54.3 54.3
2/1/2010		681720.8	18.34	1046.55		47	2476.7		103.55		857560.1	65.36		532489.7	9.24		234009.2	54.3
2/2/2010	483.82		18.34	1046.6		47	2449.2		103.55		840560.1	65.36		515583.5	9.24		230114.0	55.3
2/3/2010		718218.8	18.34	1033.75		47	2437.03		103.55			65.36		515910.8	9.24		235469.6	55.3
2/4/2010		694985.6	18.34	1019.4	3350343	47	2423.2	1389248	103.55		869595.2	65.36	231.15	504240	9.24		234812.9	55.3
2/5/2010		684391.6	18.34	981.3		47	2352.2		103.55		856416.6	65.36		501076.9	9.24		234246.9	55.3
2/0/2010	470.77	0000054	18.34	996.35	3274587	47	2400.75		103.55		869384.8	65.36		513183.9	9.24		235435.6	55.3
2/9/2010	479.58	686582	18.34	993.75	3266042	47	2470.9		103.55		879945.9	65.36		508275.7	9.24		240224.5	55.3
▶ + She		000001 1		E 001 CE	2026124	47	0471.7	1417054	102.55	1426.05		66.36	020.46	EUDUE0 C	0.24	1054 25	020720-4	55.2
- n sne	eet1 / She	et2 / REQ	UES TABL										1111			II] 100% (ə	



Samples in Datastream AFO

• The following **Advance for Office** (AFO) samples illustrate how the different Datastream content sets can be used in a range of different workflows.

AFO	Samples		
		Advance for Office Tearsheets	
	e following Advance for Off ferent workflows.	ice samples illustrate how the different Datastream content sets can be used in a range of	
		s on many combinations of Operating System, Microsoft Office & Local Language Setting, operate correctly on all configurations.	
or		orts to ensure the data in the samples is kept up to date, we make no warranties, guarantees ct to these samples. Thomson Reuters shall not be liable for any data errors in the samples or ice on the data.	r
CI	ick <u>here</u> to download TF	RSL & AFO Sample Sheets.	
Ca	ategory Equities		
	Format / Category	Description	
V	Peer Comparison Table	Table allowing users to display and filter company peers. Includes key pricing, fundamental and forecast figures as well as key valuation ratios. Allows automatic or manual selection of domestic or regional peers or alternatively use your own user lists.	
	Z-Score Bankruptcy Predictions	A Request Table based tearsheet that illustrates the Z-Score ratio as devised by Edward Altman to describe the financial health of a company, and its likelihood of financial distress using Worldscope Fundamentals data.	
	Corporate Action History	Where available, this model displays the last 30 corporate actions for an individual stock using a Request Table.	
	Screening Template	Allows users to screen a list using a combination of up to 10 Datatypes or valid Datastream expressions.	
	EPS Momentum	Template detailing movements and revisions in IBES estimates for constituents of a list or index.	
	Key Performance Indicators (KPI)	New Worldscope Key Performance Indicators (KPI) for the Hotel, Airline and Retail sectors of the Russell 3000 index. Requires full Worldscope access.	
	Correlations Matrix	Displays the correlation matrix for the constituents of a selected country/region/sector list with options to change the time period and the basis for the calculation - actual or percentage change.	
	Equity Tearsheet	Displays price, valuation ratios, earnings estimates and key financial statement items with a price relative chart using a request table.	- ~



Samples Output

AFO&TRSL IBES Additional Measures Report (SP5v1.0 27.05.10).xls [Compati	ity Mode] - Microsoft Excel _ 🛛 🛪 🖳	
Home Insert Page Layout Formulas Data Review View Add-Ins Thomson Reuters	0 _ = = 1	
Datastream *		
Darahar cam		
	50 BO	
Menu commands		
StartPosition • (* fe	¥	
B C D E F Formula Bar H	Treat Report 2N	
2 Addream DATASTREAM Advance Registrate 40 Process Table Add to Indee Schedule Options Help Find Ste	Lie Repett 23	
Comptions	Complexity of the control former of the complexity of the complexi	
4 5 Update Request Type Format Series Lookup Datatge/Expressions/CAFLookup Stat Date End Date	AFO&:TRSL IBES Additional Measures Report (SP5v1.0 27.05	10).xls [Compatibility Mode] - Microsoft Excel
5 Yes/lo 6 Teaching 7 19, 20, 5, CA Is 7 YES S C MKS NAMESECOGE000/PCIR.ename.indrusetor	Home Insert Page Layout Formulas Data Review View Add-Ins Thomson Reu	
7 YES S C MKS NAMESECDGEGGN/PCR-examplishturetat 8 YES S MKS FYYRFXEPSEPSIDFNEFMULFILLOFHLEPSIDF2NEFXMUF2LOF3H	Datastream ~	
S YES S MVIS LTMW 10 YES S MVIS FILEPS EPS2.EPS2.BPS3.BIM.BLO.BIM.BLO.BIM.BLO.DBIM.BLO.		
10 125 5 MIS FUEP S DP S (DP	Menu Commands	
12 YES S MKS FIBALSALISALSALISINSLOSIHSULOSINANISI VIENANISINANINANINA SITUKANINANINANINANINANINANINANINANINANINAN	B4 • (fx =DatalA3	× 1
IS IS IPPENDICT SUPPORT SUPPORT SUPPORT SUPPORT SUPPORT IPPENDICT SUPPORT SUPPORT IPPENDICT SUPPORT<	ABCDEFGHIJKLMN	
15 YES S MKS PEFPERFZPERFXPERFAPER 16 YES S MKS FINEFUPFDNFZNEFZUPFZDNFMEFZUPFZDN	4 MARKS & SPENCER GROUP MKS	UPDATE SHEET
No.5 PRE/INF/ DW/2021/07/2021/00/2001 17 YES S MKS FILEPS/CFSIDLFSS/CHS2DLFSSS/CHS2DLFSS/CHS2DLFSS/CHS2DLFSS/CHS2DLFSS/CHS2DLFSS/CHS2		ndon
8 YES S MVS FIOREPROCEOPERIOPRIOCPECIDERSICHIOLOGIE 8 9 YES S MVS FIOREFRICE/DEPRIOCPECIDIC/SOLIDIC/S	6 UNITED KINGDOM : Broadline Retailers Recommandation	~
Iss S Priming Multiple Direction Concentration Concentratinde Concentration Concentration Concentratinde Concentr	B Mean Low High Mean Low Hig Annual EPS EPS Revisions	h Mean Low High EPS Growth
21 YES S MVIS FIREBOLEB02/EB03/GHI/GILO/G2H/G2LO/G3H/G1LO 22 YES S MVIS FIREAPCAPICAP2/CAP2XPH/KLO/X2H/X2LO/X3H/X2LO	10 FY0 3/31/2010 32.70 Up Down 11 FY1 3/31/2011 26 est 30.81 27.30 34.35 F1 26 8 2	FY0 to FY1 -5.78 FY1 to FY2 7.95
22 YES S MKS FUCSHCSHCSHCSHCSHCAH, ALD, AH, AH, AH, AH, AH, AH, AH, AH, AH, AH	12 FY2 3/31/2012 23 est 33.26 28.00 41.18 F2 23 7 3 13 FY3 3/31/2013 4 est 35.58 31.54 38.90 F3 4 1 0	FY2 to FY3 6.98
24 YES S MVIS FILENTE/TIE/TZE/TX2H/ZLI0.22H/ZLI0.21H/ZLI0 25 YES S MVIS FILENTE/FOLFFOLFFOL/FOLUMULULU/HUZLI0.21H/ZLI0.22H/ZLI0.21H/ZLI0	14	
26 YES S MKS FIGPS,GPS2,GPS2,GPS2,HH,HLD,H2H,H2LD,H3H,H3LD	16 FY0 3/31/2010 15.00 FY0 3/31/2010 953,660	EBG - Earnings Before Goodwill FY0 3/31/2010 32.70
27 YES S MKS FINAR/JAR/UAR/ZIAR/XY/H/VLO/XH/VZLO/XH/VLO 28 YES S MKS FINAT/JAT/UAR/ZIAR/XY/H/VLO/XH/VZLO/XH/VZLO	17 FY1 3/31/2011 15.42 15.00 16.50 FY1 3/31/2011 965,559 856,300 991 18 FY2 3/31/2012 16.22 15.00 20.14 FY2 3/31/2012 1,008,158 968,680 1,042	
23 YES S MKS FIFDARDAIRDA2RDA3,AHI,AILD,A2H,A3LD	19 FY3 3/31/2013 17.10 15.70 19.00 FY3 3/31/2013 1,051,617 1,011,710 1,080 20 1,051,617 1,011,710 1,080	172 FY3 3/31/2013 35.58 31.54 38.90
10 YES S MKS FIRDERDELPDE2RDE3RHURLOR2HR2LOR3HR1LD	21 Book Value per Share Price to Earnings 22 FY0 3/31/2010 #N/A Current 10.20	Cash Flow per Share FY0 3/31/2010 #N/A
32	23 FY1 3/31/2011 160.05 139.00 211.97 F1 10.98 24 FY2 3/31/2012 177.51 150.00 228.37 F2 10.17	FY1 3/31/2011 59.90 49.38 75.14 FY2 3/31/2012 69.39 62.95 78.96
3	25 FY3 3/31/2013 201.08 161.00 247.56 F3 9.5	FY3 3/31/2013 72.00 72.00
3	26 27 Operating Income Net Income	PreTax Income
36	28 FY0 3/31/2010 #N/A FY0 3/31/2010 69,460 29 FY1 3/31/2011 80,590 73,500 88,900 FY1 3/31/2011 48,716 43,000 88	FY0 3/31/2010 #N/A 900 FY1 3/31/2011 67,630 59,700 75,060
33	30 FY2 3/31/2012 87,155 75,220 101,302 FY2 3/31/2012 53,182 44,100 101 31 FY3 3/31/2013 90,250 79,000 105,100 FY3 3/31/2013 58,799 55,797 105	
33	32 33 EBITDA EBIT	GAAP Earnings Before Goodwill
41	34 FY0 3/31/2010 #N/A FY0 3/31/2010 #N/A	FY0 3/31/2010 #N/A
H + + H Information / TearSheet REQUEST_TABLE 2	36 FY2 3/31/2012 140,875 121,220 211,110 FY2 3/31/2012 85,571 78,800 94	700 FY1 3/31/2011 31.71 29.20 35.00 700 FY2 3/31/2012 34.41 31.00 39.00 FY2 3/31/2012 37.04 35.04
Ready	Information TearSheet REQUEST_TABLE	
	Ready	



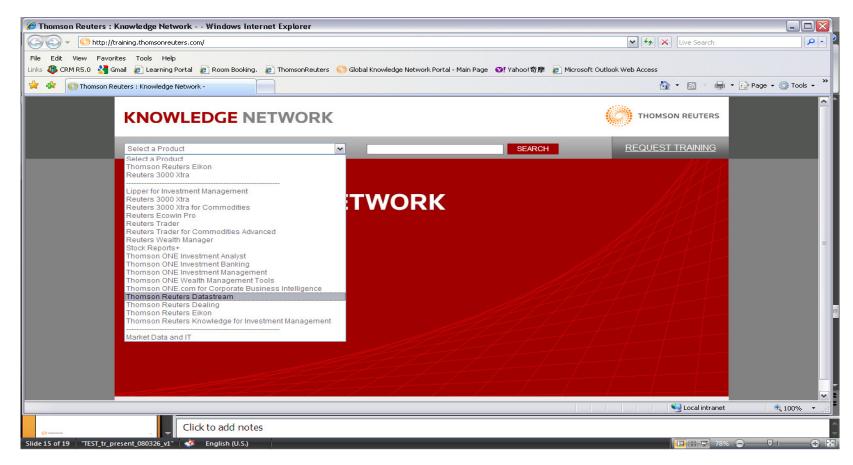
Key points to remember

- Use Static Requests/ Time Series Requests to download data into Excel for a specific date or time interval either on a series or a list of series.
- Use the **Request Table** to retrieving multiple data sheets at the same time.
- Use **Samples** for ideas for more advanced use of AFO.



Training on Knowledge Network

• <u>http://training.thomsonreuters.com</u>

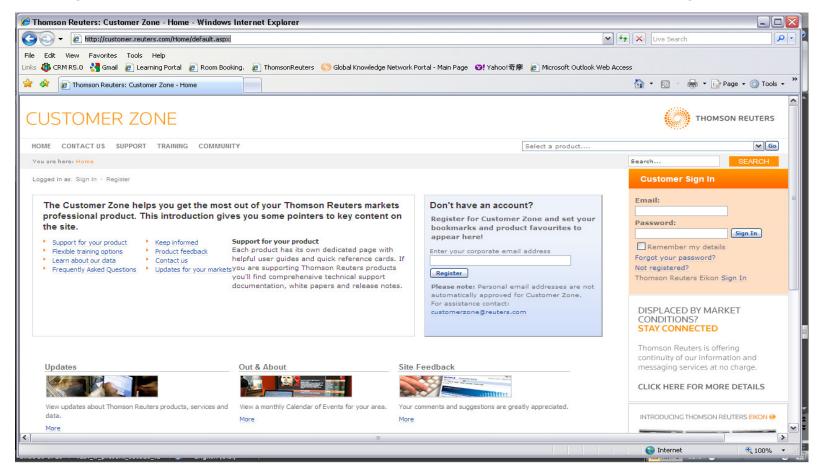




.

Customer Zone

• <u>http://customers.reuters.com/Home/default.aspx</u>





Support & Help

The Helpdesk can resolve queries or issues on product functionality, technical product issues, product connectivity, data and content, entitlements, training requests as well as directing general queries and feedback.

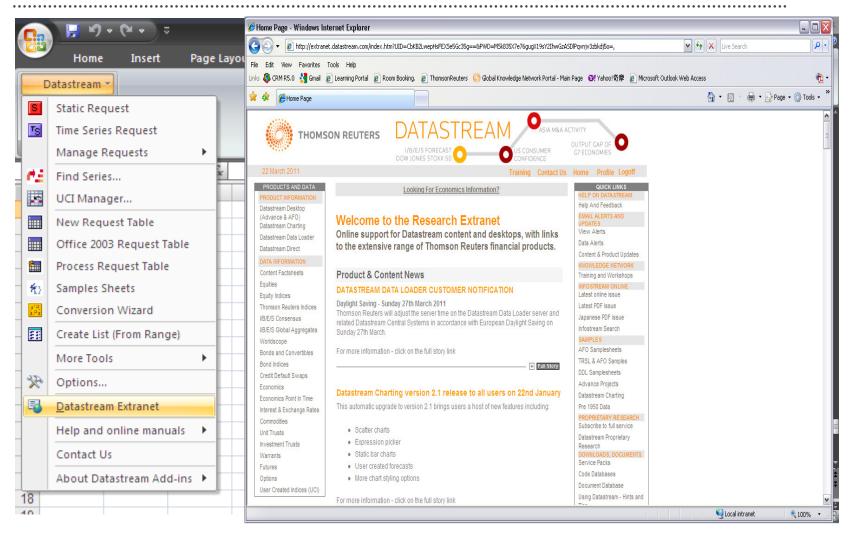
The helpdesk operates <u>Monday to Friday at 6am to 7pm</u> & <u>Saturday at 9am</u> to 1pm. For many countries a service in native language is available during core hours. The helpdesk will take the details of the query by phone or email and communicate the resolution of the query back to the client.

Contact Details

Hong Kong Singapore Australia	+852 2524 0077 +65 6879 4122 1 800 634 264
New Zealand	0800 442 537
Taiwan	0080 185 5287
Malaysia	1 800 814 158
India	0008001007376
Philippines	+632 878 5772



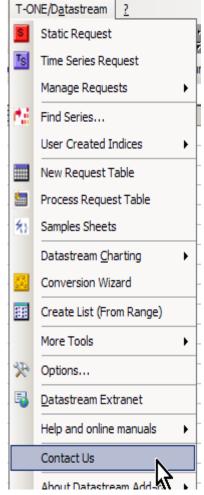
Extranet





Thank you for your time

Contact Us



	Bearbeiten	Ansicht	Eavoriten E <u>x</u> tr	as <u>?</u>		
) Zu	urück 👻 🌍		- 2 🏠 🔎	Suchen	Favoriten	
	Carl Lawrence (1)		uters.com/sc/Con		~~	-
						Wedn
ks 🧶	Contact Us	Conten	t Roundup News	etter 🥑 I	DS 🕑 Eikon	
					CLOS	E WINDOW
	THOM	ASON RE	UTEDE			
	THUR	150N RE	UIERS			
0						
	itact Us					
Nam	ie*					
Tele	phone* includ	le country ar	nd area code			
	priorite includ	ie country an				
Cou	ntry*					
Plea	ase select co	untry				-
Corr	orate Email	*				
Que	ry*					
Ē	-					
						Y
Que	ry Type*					v
	ry Type*	Query Type	2			•
	ase select a	Query Type	2			
Plea Imp Sing	ase select a act* gle user	Query Type	2			•
Plea Imp Sing Rep	ase select a act* gle user ly Format	Query Type	2			_
Plea Imp Sing Rep Ema	ase select a act [*] gle user ly Format ail					
Plea Imp Sing Rep Ema Prefe	ase select a act [*] gle user ly Format ail rred method of	communicatio	e on from Thomson I	Reuters		_
Plea Imp Sing Rep Ema Prefe File	ase select a act [*] gle user ly Format ail	communicatio	on from Thomson i	Reuters		_
Plea Imp Sing Rep Ema Prefe File	ase select a act* gle user ly Format ail rred method of Attachment	communicatio	on from Thomson i	Reuters		_

