## **DATASTREAM NAVIGATOR – INCLUDING NEW ADVANCE SEARCH INTERFACE**

## **RELEASE NOTE (VERSION 4.7)**

This new release of Datastream Navigator (4.7) due in Quarter 4 sees - the addition of a new Advance Search interface to enable detailed searches on specific fields, the display of more information on the screen, more filters, sorting options and fields, and more series in the Excel export. These enhancements close the remaining differences with the earlier 'Criteria Search' version of Navigator, and significantly extend the many ways to search the rich content available on Datastream. The following are examples of where these new searching facilities can help when searching for series in the different data categories.

Updates to the Navigator interface In addition to the new Advanced Search link (see next section), the number of results displayed has increased from 10 to 15 series, and the Explore link now stands on its own to encourage use of this hierarchical approach to finding series. There is also a new Clear All link that will clear all the filters, while the X at the end of the entry box will just clear the text entered (keeping the filters that have been applied such as the category and the market).

BACK RECENT SEAR	HES USE SEARCH REF	SEARC	CHING	HINTS SY	NCHRONISE USER DATA CHARTING	i HELP							NAVIGATOR	
Explore				X Search Advanced Search My Selections (0)										
Refine Search	« Clear All	Resu	1-15 of 261,760 Next >											
Category	< Stop Filtering				Name	Sy	mbol H	list.	Exchange	Market	Currency	Sector		
Equities		÷		<b>म्रे</b> म्ने मे	APPLE	0	APL 1	1980	NASDAQ	United States	United States Dollar	Technolog	Hardware and Equipment	
E-QUIDES				***	BINH DUONG WATER ENVIRONMENT	r vi	BWE 2	017	Ho Chi Minh	Vietnam	Vietnamese Dong	Gas, Water	and Multiutilities	
Exchange	Multiple			***	MICROSOFT	01	ISFT 1	986	NASDAQ	United States	United States Dollar	Software a	nd Computer Services	
Non NASDAQ OTC	31,809			***	AMAZON.COM	0	MZN 1	997	NASDAQ	United States	United States Dollar	General Re	tailers	
Deutsche Boerse AG	21,088			***	ALIBABA GROUP HLDG.SPN. ADR 1:1	L US	BABA 2	1014	NYSE	United States	United States Dollar	General Re	tailers	
				***	FACEBOOK CLASS A	0	8 2	1012	NASDAQ	United States	United States Dollar	Software a	nd Computer Services	
NYSE	18,981			***	TENCENT HOLDINGS	16 <sup>-</sup>	CNT 2	004	Hong Kong	Hong Kong	Hong Kong Dollar	Software a	nd Computer Services	
	More single filters			***	JOHNSON & JOHNSON	Us	N) 1	973	NYSE	United States	United States Dollar	Pharmaces	ticals and Biotechnology	
Market	Multiple			***	EXXON MOBIL	US	KOM 1	973	NYSE	United States	United States Dollar	Oil and Ga	s Producers	
				***	JP MORGAN CHASE & CO.	Us	IPM 1	973	NYSE	United States	United States Dollar	Banks		
United States	77,521			***	ALPHABET 'A'	0	000GL 2	1004	NASDAQ	United States	United States Dollar	Software a	nd Computer Services	
Canada	27,686			***	NESTLE 'R'	St	IESN 1	973	SIX Swiss	Switzerland	Swiss Franc	Food Prod	icers	
United Kingdom	17,198			***	SAMSUNG ELECTRONICS	KC	:SGL 1	984	Korea	South Korea	South Korean Won	Leisure Go	ods	
	More single filters			***	WELLS FARGO & CO	Ur	NFC 1	973	NYSE	United States	United States Dollar	Banks		
	Hore single inters #			***	WAL MART STORES		VMT 1	973	NYSE	United States	United States Dollar	General Re	tailers	
Currency	Multiple	Explo	re mor	e results like	these: United States > Software & Co United States > General Retails	mputer Services								
United States Dollar	77,474				United States > General Retails United States > Banks	ers								
Euro	70,125													
Canadian Dollar	16.865												•	
Canadian Dollar				Deland	Adjusted - Default)	Apple								
	More single filters >>			Price	200	Mnemonic Code	RIC 1	T1 Cos	fe SEDOL 1	SIN Local	Code			
Туре	Multiple				200	@AAPL 99281			US 2046251 U	JS0378331005 U037				
Equity	214,745				150	Latest Value	158.63 (USD)	)						
					N	Timesnan	12/12/1980 -		a/2017, Daily					
Exchange-Traded Fund	(ETF) 16,845				A 100									
Preference Share	8,514				50	Headline Coverage			IO) MV DY PE PI N	fore				
	More single filters				N	Coverage	IBES, MSCI, V NASDAQ	wone	scope					
	rive angle litters #		-			Exchange Market	NASDAQ United States							
Activity				1990	2000 2010 Source: Thomson Reuters Datastream	Market	United States		-					
Dead	161,198					Type	Equity	- C-Olic	-					
Active	100,562	P	R1	MV DY	PE PE 🕨 All Last									
						Explorers			chnology Hardware	a & Equipment				
Base Date (Equals/B	efore)					Related Securities Constituent Of	16 Equities, 7 1587 Lists, 26		ds & Convertibles					
1964	898					Constituent Of Derivatives			auty indices re only), 95 Future					
1965	936					Derryatives	Tree Options	(activ	re unity/y 35 Huture					
1966	957					Actions	Add to My Se							
1300							show alternal	ove s)	mbology selection	options				
	More single filters >>					Notes					communication and media de sells a range of related softwa			
Sector	Multiple						accessories, r	netwo	rking solutions, an	d third-party digital con	tent and applications. The Con	pany's segment		
							include the Ar	merica			t of Asia Pacific. The Americas	segment include		
Financial Services (Sect	x) 18,908										s European countries. India, th			

New Advance Search option This new facility enables searches to be carried out on specific fields – so in this case the search is for all mnemonics that have CNPER to display a set of personal/private consumption series. The screenshot also shows how the syntax of the request is added in the main text entry box MNEM:and(\*cnper\*) where the request can be edited directly with further amendments to the text. This screenshot also illustrated how the Show All option at the top (shows Show Paged after selection) is now available to show all the results if fewer than 1000 matching series.

Date of issue: 25 September 2017

© Thomson Reuters 2017. All Rights Reserved.

Thomson Reuters disclaims any and all liability arising from the use of this document and does not guarantee that any in the transformation in the transformation of transformation of the transformation of the transformation of the transformation of transformation of the transformation of transformat document contains information proprietary to Thomson Reuters and may not be reproduced, transmitted, or distributed in the express written permission of Thomson Reuters.



BACK RECENT SEARCHES USE SEARCH REF	SEA	RCHING	HINTS SY	NCHRONISE USER DATA CHARTING HELP							NAVIGATO	
Explore MNEM:and(*cnper*	MNEM:and("cnper") × Search Advanced Search											
lefine Search Clear All	Re	Results for MNEM.and(*cnper*) (filtered)										
Category Stop Filtering	All		v	Name V	Symbol	Hist. V	Market V	Source V		Frequency	Adjustment	
Iconomics			***	PERSONAL CONSUMPTION EXPENDITURES (AR)	USCNPER.D	1950	United States		au of Economic Analysis, U.S. t of Commerce	Quarterly	Constant prices, SA	
Country or Region			***	CONSUMER SPENDING (CVM) 🐌	UKCNPER.D	1955	United Kingdom		e for National Statistics, United	Quarterly	Constant prices, SA	
Country 892			***	CONSUMPTION EXPENDITURE - HOUSEHOLDS &	EMCNPER.D	1995	Euro Zone	Kingdom Datastrean	1	Quarterly	Constant prices, SA	
Region 29		-	***	NPISH (ESA2010)	JPCNPER.D	1994	Japan	Cabinet Of	in here	Quarterly	Constant prices, SA	
Market Multiple			***	FINAL CONSUMPTION EXPENDITURE - HOUSEHOLDS (AR)	SACNPERLD	1994	South Africa	Statistics S		Quarterly	Constant prices, SA	
Canada 55			***	PERSONAL CONSUMPTION EXPENDITURES (AR)	USCNPER.B	1950	United States	REA - Rure	au of Economic Analysis, U.S.	Quarterly	Ourrent prices, SA	
Germany 27		_		Enter text or patterns to filter on specifi	fields such as t	he name,	mnemonic or the RIC		F Commerce			
Poland 25			***	PRIV. All Fields					Statistical Organisation, India	Quarterly	Constant prices, not SA	
More single filters			***	CONC					tical Office, Germany	Quarterly	Constant prices, SA	
Country Group N			***	CONS				×	nal Institute for Statistics and dies, France	Quarterly	Constant prices, SA	
Source Multiple			***	FINA  And  Or	using numbers - p	lease entr	r more than two - e.g 123		al Institute of Statistics, Italy	Quarterly	Constant prices, SA	
Thomson Reuters 61		> Anne and Long Name							to Brasileiro de Geografia e	Quarterly	Current prices, not SA	
CANSIM - Statistics Canada 46 Central Statistical Office, Poland 23			***	HOUS (CHA and Contains V				×	to Brasileiro de Geografia e	Quarterly	Volume or constant price value index, SA	
More single filters			***	PERS Datastream Mnemonic					mesia	Quarterly	Constant prices, not SA	
		Ē	***	DDT/					au of Statistics of China	Annual	Current prices, not SA	
Frequency Multiple				Contains V cope	r			×				
Quarterly 701			***	FINA RIC					eau of Statistics	Quarterly	Constant prices, SA	
Annual 215			***	HOU: Contains				×	tistics Canada	Quarterly	Current prices, SA	
Monthly 5			***	GDP:	OK Cancel	Reset			ical Office, Poland	Quarterly	Constant prices, not SA	
Adjustment Multiple			***	HOUSEHOLD CONSUMPTION EXPENDITURE	RSCNPER.C	2016	Russia	Federal Sta	ite Statistics Service, Russia	Quarterly	Constant prices, not SA	
Constant prices, not seasonally adj 277			***	PERSONAL CONSUMPTION EXPENDITURE (AR) 🐌	JPCNPER.8	1994	Japan	Cabinet Of	fice, Japan	Quarterly	Current prices, SA	
Current prices, not seasonally adju 272			***	PRIVATE CONSUMPTION	MXCNPER_D	1993	Mexico	INEGI - Ins e Informati	stituto Nacional de Estadística, Geografia ica, Mexico	Quarterly	Constant prices, SA	
Constant prices, seasonally adjusted 142 More single filters >>>			***	PRIVATE CONSUMPTION	TWCNPER.D	1982	Taiwan	Statistics, I	-General of Budget, Accounting and Executive Yuan, Taiwan	Quarterly	Constant prices, SA	
			***	PRIVATE CONSUMPTION EXPENDITURE	THCNPER_D	1993	Thailand		ffice of the National Economic and slopment Board, Thailand	Quarterly	Constant prices, SA	
Activity Active 579			***	PRIVATE FINAL CONSUMPTION EXPENDITURE	NZCNPER.D	1987	New Zealand		ew Zealand	Quarterly	Constant prices, SA	
Dead 342			***	CHAIN-TYPE QTY INDEX OF CONSUMPTION EXPENDITURE - HOUSEHOLDS	ESCNPERVE	1995	Spain	INE - Natio	nal Statistics Institute, Spain	Quarterly	Volume or constant pric	
Base Date (Equals/Before)			***	CONSUMER EXPENDITURE - RATE OF CHANGE IN	BDCNPER%D	1991	Germany	Federal Sta	itistical Office, Germany	Quarterly	Constant prices, SA	
1950 20		_		REAL TERMS								
1951 22			***	CONSUMER SPENDING (CAL ADJ) 🐌	FNCNPER.D	1990	Finland	Statistics F		Quarterly	Constant prices, SA	
			***	FCE: HOUSEHOLD & NPISH	NWCNPER.D	1978	Norway	Statistics N		Quarterly	Constant prices, SA	
1952 26			***	FINAL CONSUMPTION - HOUSEHOLDS (WDA, SA)	CZCNPER.D	1996	Czech Republic	CSU - Czec	h Statistical Office	Quarterly	Constant prices, SA	

**More Filters and Sorting options** To facilitate the selection of the market for economic series, these are now split into Countries and Regions to give a much smaller set to select from. Then selecting Active in the Activity filter now displays all series which are still being updated (including ones not recently updated previously filtered out as Dead), and there is a new filter to select only the series mapped to RICs to use in other Eikon apps. In the Preview Pane, the series currency will now always be displayed with the market (the day of the week is also now displayed for weekly Economics series).

The Sort options - the arrow head after the column headers - now appear when the results are filtered to fewer than 1,000 results, and selecting one of these headings to sort on, will change the display to Show All so all the results are displayed. The set of Sortable columns has also been extended from the Market to include the Name, History and the Source.

<pre>chapper d Sage Plane future futu</pre>	tefine Search Category Economics		Berry			× Sear	Advanced Searc					My Sek	7.JORS (6
<pre>chapper d Sage Plane future futu</pre>	Category Economics												
Transmit and the series of age is and the	Economics	Stop Filtering	Rest	ults (fi	iltered)						3 1-15 of 516 Next> 5	how All Sort by Ranking	~
<ul> <li>Active description of the description of t</li></ul>			All		Ŧ	Name <b>T</b>		Symbol	Hist. V	Market V	Source <b>V</b>		
Subject of Right of Ri			÷		***	GDP AT MARKET PRICES 🐌		BRGDPA	1995	Brazil	IBGE - Instituto Bras	leiro de Geografia e Estatística	i i
<ul> <li>and a construction of a constructi</li></ul>					***	GDP 🐌		BDGDPA	1991	Germany	Federal Statistical Of	ice, Germany	
<pre>space space s</pre>					***	BOP: CURRENT ACCOUNT BALANC	35	CHCURBALA	1998		State Administration	of Foreign Exchange, China	
<ul> <li>takid widd widd widd widd widd widd widd w</li></ul>		307			***	GENERAL GOVERNMENT GROSS E	XTERNAL DEBT	BDEXDGOVA	1999	Germany	Deutsche Bundesban	k	
<ul> <li>with with with with with with with with</li></ul>	legion	9			***	GROSS EXTERNAL DEBT		BDEXDEBTA	1999	Germany	Deutsche Bundesban	k	
<ul> <li>And and a state of the set of the s</li></ul>	Market	Multiple			***	HOUSEHOLD CONSUMPTION EXPE	INDITURE 🐌	BRCNPER_A	1996	Brazil	IBGE - Instituto Bras	leiro de Geografia e Estatística	
<ul> <li>tending</li> &lt;</ul>					***	EXTERNAL DEBT		INEXDEBTA	1999	India	Ministry of Finance, G	Sovernment of India	
<pre>http://www.comment/www.co</pre>					***	F5: ORDINARY PROFITS - ALL INC	IS EXCL FINANCE & INSUR	JPPROFTSA	1954	Japan	Ministry of Finance, 2	apan	
<ul> <li>And a constrained of the set of the</li></ul>	Mauritius				***		, URBAN HOUSEHOLDS (CP	4LV) CHPERDISA	1995		National Bureau of S	atistics of China	
Note signification       Image: Signification       I	acu già			E	***		VERALL ECONOMY	SPWAGES.A	1989		Statistics Singapore		
Control Control Marcine   Some Markine   Some <td></td> <td>More single filters &gt;&gt;</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>tics. Malavsia</td> <td></td>		More single filters >>										tics. Malavsia	
Nome: Musice States of		Country Group N			***	BOP: CURRENT ACCOUNT BALANC	E 🕨	HKCURBALA	1999				
Scole - Sco					***	EXTERNAL DEBT: GENERAL GOVE	RNMENT	AGEXDGOVA	2006		INDEC - National Ins		s,
Cardinal Statutes Calific Alexanda Statut	1SO - Central Statistics C	ffice Irel 17		m	***	EXTERNAL DEBT: GENERAL GOVE	RNMENT	KOEXDGOVA	1994	South Korea			
Name 2 words Notes         N	NDEC - National Institut	e of Stati 14			***						INDEC - National Ins	titute of Statistics and Census	85,
Reading in the second secon	Central Statistics Office, I	Mauritius 11									Argenona		
And a marked of													
scher (samplicher) scher (sampli								01/09/2017					
Data base date (graph/Bed/s)         Solar Base date (graph/Bed/s)         Sol		a prop r marrieg		-									
Condition and a specific products a condition product a conditing product a condition product a condition product a conditing pro	Base Date (Equals/Be	fore) 《Stop Filtering			2000	2005 2010 2015							
Key Indexa <ul> <li>Key Indexa             <li>Key Indexa         </li></li></ul> Key Indexa <li>Key Indexa           Key Indexa              Key Indexa              Key Indexa           Key Indexa              Key Indexa              Key Indexa              Key Indexa           Key Indexa              Key Index Indexa</li>	1009		None	e Q%	Q act Y%				Geografia	e Estatística 19			
Seal     Alboral Socres       Scaling     4200 FBArray       Seal     File       Seal     F	Cey Indicator	Stop Filtering											
Reading     Constrained     File Road Constrained     File Road Constrained       res	res												
Big     Equinoms     Equinoms </td <td></td> <td>di Chen Dily dan</td> <td></td> <td></td> <td></td> <td></td> <td>Forecast</td> <td>Historical</td> <td></td> <td></td> <td></td> <td></td> <td></td>		di Chen Dily dan					Forecast	Historical					
balanti Pros Balance - Caper La Posses - C		<ul> <li>stop Filtering</li> </ul>					Explorers			National Accounts & CDR by Eveneditor			
stored Sources     (sl)       tercationer (in particular Providences)     2 tabi								» Press Release » Quarter					
Intercast     Add to 1, 599 - 02 2014 (BEC/AD-AU)       Statutad Prolension     Add to 1, 599 - 02 2014 (BEC/AD-AU)       Statutad Prolension     Add to 1, 599 - 02 2014 (BEC/AD-AU)       Statutad Prolension     Add to 1, 599 - 02 2014 (BEC/AD-AU)       Statutad Prolension     Add to 1, 599 - 02 2014 (BEC/AD-AU)       Statutad Prolension     Bechanismo Resistand Referent Notes Statutad Prolension       Statutad Prolension     © IEGZ - Instatuto Besilem de Georgelle e Estatutado Bechanismo Referent Statutad Prolension       Statutad Prolension     © IEGZ - Instatuto Besilem de Georgelle e Estatutado Bechanismo Referent Statutad Prolension		(all)					Constituent Of						
Mathema (ull)     Addross     Addross     Addross     Addross       Statistical (ull)     Constrainting synthetics reprinting selection aptions     Does attentione synthety selection aptions       Statistical (ull)     Statistical (Notes)     Dees attentions       Statistical (ull)     Dees attentions     Dees attentions									NA)				
507 Satisfied Notes 500 a false a fal		(all)					Actions		election of	ptions			
1007         Book full test         © 1502 - Instituto Breakers de Goografia e Educationa           1018         Links to Carrent Statistical Biclesse www.stop.epublic.dl         0, 1502 - Instituto Breakers de Goografia e Educationa	End Year (Equals/Afte	r) « Stop Filtering					Notes		Referral	Notes			
RRC Linked Link to Current Statistical Release www.bpg.gov.br/d/	2017									0.1005 . 1	milian de Ceneralis - Ce	tion in the second s	
es 333 www.bgs.gov.br/_c9	IC Linked									(2) IBGE - Instituto B	rasileiro de Geografia e Esta	osoca	
(2) Contricted out of the source		222						Link to Current Statistical	Kelease				
	No	183									Copyright owned by	ource	



**Extensions to series limits** When selecting the display of several explorer hierarchies, you can now select to view up to 1,000 (rather then 400) series. The number of series that can be exported to an Excel file to further analyse is now 10,000 (rather than 4,000 series).

CK RECENT SE	EARCHES USE SEARCH REF TEXT S	EARCH SYNCHRONISE USER DATA C	HARTING HELP				NAVIGATO
_						_	_
Explore			Ace » Banking (MFI's) » Reserve Bank of India		Show 2 Selected Explorers Clear	Close	My Selections (
	Key Indicators [65]	<ul> <li>Money Supply</li> </ul>	reserve built or more builtoen			^	
ne Search	Press Release	Banking (MFI's) ►	Commercial Banks [152]	Monthly [35]		-57 of 57	
t	Surveys & Cyclical Indexes	■▼ Other Finance [23]	■▼ Scheduled Commercial Banks [72]				End Year
	National Accounts	Flow of Funds	■▼ Credit [5]			tional Sources	2017
egory	Money & Finance ►	Stocks & Bonds [50]	■▼ Loans [11]			tional Sources	2017
nomics	Prices	Interest Rates	■▼ Money Market Operations [16]			tional Sources	2017
ntry or Regio	Labour Market	Exchange Rates	Sectoral Deployment of Bank Credit			tional Sources	2017
ntry	Consumer Sector					tional Sources	2017
						sonal Sources	2017
ket	Industry Sector					tional Sources	2017
,	Government Sector					sonal Sources	2017
rce	External Sector					tional Sources	2017
erve Bank of In	■ Discontinued Series [2573]					tional Sources tional Sources	2017
						tional Sources	2017
uency						tional Sources	2017
thly						tional Sources	2017
kły						tional Sources	2017
ustment						sonal Sources	2017
ent prices, not						tional Sources	2017
ent prices, not						tional Sources	2017
vity						tional Sources	2017
/e						tional Sources	2017
e Date (Equal						tional Sources	2017 2017
5	1					ponal sources	2017
						Sources	2017
3						Sources	2017
						Sources	2017
						Sources	2017
Indicator						Sources	2017
	1					Sources	2017
						Sources	2017
dline						Sources Sources	2017
						Sources	2017
aset						Sources	2017
onal Sources						Sources	2017
						Sources	2017
mational Sourc	1					Sources	2017
cast						Sources	2017
prical						I Sources	2017
						Sources	2017
Year (Equals	1					Sources	2017
'		*	w.	*		Sources	2017
Linked	٠		CENTRAL GOVERNMENT		SCCMON 1996 MORDINY	National Sources	2017
	50	RBI: LOANS & ADVANCE			BLSTGA 1996 Monthly	National Sources	2017
	7 >		5 - SCHEDULED COMMERCIAL BANKS		BLSCBA 1996 Monthly	macromer sources	2017

**Searching for Datatypes** The datatypes interface has been updated to highlight the facility to display hierarchies for the datatypes – so for example to see the structure of the IBES consensus estimates content. The Equities datatype category is also the default, when Navigator is displayed from Datastream for Office.

Datastream Navigator	HELP												
						× Sea							My Selections (0
Equities	<ul> <li>Earnings</li> </ul>				,	× Sea	arch						My Selections (0)
					Datatype Hierarchy					Close			
tefine Search	« Clear All			(filtered)	▼ Equities members		▲ ▼ IBES members	*	<ul> <li>Forecast members</li> </ul>	~			Sort by Ranking 🔽
Datatype Hierarchy		All		*	Key Datatypes		Actuals		AFO - Adjusted Funds From Or	verations	Туре	Source	Currency
Display Datatype Hierarchy	/ <b>P</b>			***	Datastream		Actuals Restated		BPS - Book Value Per Share		Time Series	Datastream IBES	Y
Гуре				***	ESG - ASSET4		Forecast >				Time Series	1865	Y
Time Series	1.715			***					CAP - Capital Expenditure		Time Series	Datastream	Y
				***	▼ FTSE AW		▼ I/B/E/S Metadata		CPS - Cash Flow Per Share		Static	Datastream	N
Static	129			***	▼ GICS Direct				CSH - Cash Earnings Per Share		Time Series	IBES	Y
Source	Multiple			***	IBES ►				DPS - Dividend Per Share		Time Series	IBES	Y
IBES	1,262			***	▼ Constituent List Datatypes				FRD - FRITDA		Time Series	Worldscope	N
				***							Time Series	Worldscope	N
Worldscope	510			***	▼ MSCI				EBS - EBITDA per Share		Time Series	Worldscope	N
MSCI	38			***	▼ Russell				EBG - Earnings Before Goodwil		Time Series	Worldscope	Y
Datastream	28			***	▼ STOXX				EBT - EBIT		Time Series	Worldscope	Y
ISG - ASSET4	5			***	Workdscope				EPS - Earnings Per Share		Time Series	Worldscope	Y
				***					EVT - Enterprise Value		Time Series	Worldscope	Y
FTSE	1			***						E	Time Series	Worldscope	Y
				***					FCF - Free Cash Flow Per Shar	e 👘	Time Series	Worldscope	Y
				***					FFO - Funds From Operations		Time Series	Worldscope	Y
				***					GP5 - GAAP Earnings Per Share		Time Series	Worldscope	Y
				***					GRM - Gross Margin		Time Series	Worldscope	Y
				***							Time Series	Worldscope	Y
				***					INC - Net Income		Time Series	Worldscope	Y
				***					NER - Reported Net Income		Time Series	Worldscope	Y
				***					NAV - Net Asset Value		Time Series	Worldscope	Y
				***					NDT - Net Debt		Time Series	Worldscope	
				**							Static	Datastream	N
				**					OPR - Operating Profit		Static	Datastream	N
				**					PRE - Pre-Tax Profit		Time Series	IBES	Y
				**					PRR - Reported Pre-Tax Profit		Time Series	IBES	×
				**					ROA - Return on Assets		Time Series	IBES	Y
				**					ROE - Return on Equity		Time Series	IBES	Y
				**							Time Series	Datastream	N
				**					SAL - Sales		Time Series	Datastream	N
				**	1				LTG - Long Term Growth		Time Series	Datastream	N
			m	**	Cash Earnings Return On Equity			*		WC08381	Time Series	Worldscope	N
				**	Cash Earnings Return On Equity 5 Y	ear Avera				WC08385	Time Series	Worldscope	N
				**	Date Of Last 12 Months EPS (Securit					WC05256	Static	Worldscope	N
				**	Dividend Payout (% Earnings) Total					WC08256	Time Series	Worldscope	N
			m	**	Dividend Payout (% Earnings) Total		lans huarnes			WC08260	Time Series	Worldscope	N

For more details on these changes, please contact the Thomson Reuters helpdesk or your Client Specialist

