Equities
Non-Live Market Data
Products Specifications

Version: 8.1~~0~~

Created by: JSE Market Data department

Effective Date: ~~September 2019~~**March 2020**

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1   VERSION CONTROL

Version	Author	Date	Reason for Changes
1 – 4.1	Neil Vendeiro		Initial Draft
4.2	Lionel Goncalves	3 Sep 2009	Added "Instrument Value Traded 2 (with decimals)" field to Record Type DE/DEE Sub Type 02.This field is the same as "INSTRUMENT VALUE TRADED) but includes decimals.
4.3	Hannelie Venter	1 Dec 2009	Updated Sector Classification and JSE Print Sequence in line with the Industry Classification Benchmark (ICB) - 2009 Enhancements initiated by FTSE Group.
4.3	Hannelie Venter	7 Dec 2009	Added "Barrier Level" field to Record Type DR/DRE Sub Type 01.
4.3.1	Sam Nkosi	7 Jan 2009	Changed the "Barrier Level" field definition to 10 (6,4) in order to correct the truncation problem in the DR/DRE 01 Record Type
4.4	Sam Nkosi	15 Jan 2009	Updated the description for Tradability Indicator definition
4.5	Sam Nkosi	15 Jan 2009	Added the Source and Resultant Equity Numeric Code to Record Type CA 01/51. & Adding the Instrument Numeric Code in the following record types (DT01/02/51/52, MT01/02/51/52,NH01/51,NHE 01/51, NL01/51, NLE01/51, VA 01/51,VO01/51, AT01/02, WE0102/0302/5102/5302, ME0102/5102, WT01/02/51/52
This table continues on the next page.			

Version	Author	Date	Reason for Changes
4.6	Eunice Nel	17 June 2010	Added BEE Board details to section 5 JSE Print Sequence. The following changes to the CA 01/51 Record Type will be made: 1. Tax on Dividends: i. Changing field description: Option 1 Nett Rate in cents per share ii. Changing field description: Option 2 Nett Rate in cents per share iii. New field: Option 1 Gross rate in cents per share iv. New field: Option 2 Gross rate in cents per share v. New field: Option 1 Withholding Tax Percentage vi. New field: Option 2 Withholding Tax Percentage 2. Increase decimal places on Ratio's Option 1: Ratio: Source Portion increase from 6 to 10 decimal values Option 1: Ratio: Resultant Portion increase from 6 to 10 decimal values Option 2: Ratio: Source Portion increase from 6 to 10 decimal values Option 2: Ratio: Resultant Portion increase from 6 to 10 decimal values 3. BEE Indicator New field: BEE Indicator

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Version	Author	Date	Reason for Changes
4.7	Eunice Nel Michael De Vasconcelos	15 Dec 2011	The following changes have been made in this version of the Manual: 1. Additions and corrections to the Glossary of terms in section 7. 2. Tax On Dividends changes to CA 01 Record Type • Removal of field - Option 1 Withholding Tax Percentage • Removal of field - Option 2 Withholding Tax Percentage • Addition of field – Withholding Tax Percentage • Addition of field – Foreign Tax Percentage • Addition of field – Foreign Tax Reclaim Percentage • Addition of field – STC credits per share • Addition of field – Dividend in Specie • Description change for field - Option 1: Nett Rate in cents per share • Description change for field - Option 2: Nett Rate in cents per share 3. New Record Type CA 02 containing the Meeting Diary information 4. DR 01 Record Type Changes • Addition of field – Issue Date • Addition of field – Issue Amount
This table continues on the next page.			

Version	Author	Date	Reason for Changes
4.8	Michael Modiselle	16 Feb 2012	The following changes have been made in this revised version 1. Tax on Dividends changes to CA 01 Record Type • Addition of field – Source of Payment • Addition of field – Company Registration Number • Addition of field – Company Income Tax Number 2. Tax on Dividends changes to DE/DEE 07 Record Type • Addition of field – Company Registration Number Addition of field – Company Income Tax Number
4.8 (revised)	Michael Modiselle	22 March 2012	The following changes have been made in this revised version 1. Tax on Dividends changes – CA 01 Record Type • Calculation of Option 1 Nett Rate and Option 2 Nett Rate has been changed. 2. Glossary of Terms: Added missing instrument type (A Ordinary) in the Instrument Type Code Table
4.9	Eunice Nel	28 March 2012	The following changes have been made in this version of the document 1. Inclusion of the following fields in the DE/DEE 05 and ME 05 Record Types as well as the Glossary: Foreign Status Treated as Domestic 2. Removal of references to Africa Board

Version	Author	Date	Reason for Changes
4.10	Nirvasha Harryparshad	29 March 2012	The following changes have been made in this version of the Manual: 1. Updated <u>Trade Type Statistic Scenario Rules.</u> 2. Updated glossary of terms. - Adjusted High Trade Price - Adjusted High Trade Price Date - Adjusted Low Trade Price - Adjusted Low Trade Price Date - Average Number of Days Instrument Traded - Broadcast Update Action - Closing Price Change in Cents (Snapshot) - High Trade Price - High Trade Price (Snapshot) - Instrument Gain/Loss Indicator (Snapshot) - Instrument Number of Trades - Instrument Value Traded (Daily) - Instrument Volume Traded - Instrument Volume Traded (Snapshot) - Last Deal Traded Price - Last Traded Price - Low Trade Price - Low Trade Price (Snapshot) - Moving 12 Month High Trade Price - Moving 12 Month High Trade Price Date - Moving 12 Month Low Trade Price - Moving 12 Month Low Trade Price Date - Number of Days Instrument Traded - Number of Days Market Traded - Number of Days Sector Traded - Opening Trade Price - Opening Trade Price (Snapshot) - Trade Type
4.11	Michael Modiselle	26 September 2012	• New NH/NHE and NL/NLE subtype 02 that will contain rolling 12 months highs and lows for all instruments
4.12	Michael Modiselle	February 2013	1. New fields added for Phase I of the T + 3 Project that includes rounding conventions and details of fractional payments on Corporate Actions that affect Record Type CA 01 and CA 51 2. The description for Last Bid and Last Offer has been clarified and updated.

Version	Author	Date	Reason for Changes
4.13	Eunice Nel	July 2013	1. Removal of the Snapshot (SS) Record Types.
4.14	Eunice Nel	July 2013	1. This change details the addition of Par Value to the CA 01/51 Record Type

4.15	Eunice Nel	July 2013	1. Changes made to Record Types to cater for REITpayments made by companies converting to REITs. REIT legislation came into effect on 1 April 2013.
			• <u>Record Type DE/DEE Subtype 01</u> Instrument REIT Distribution Yield
			• <u>Record Type DE/DEE Sub Type 04</u> *Instrument highest REIT Distribution yield 12 months *Instrument Lowest REIT Distribution yield 12 months
			• <u>Record Type DS/DSE Subtype 02</u> Sector average REIT Distribution Sector REIT Distribution Yield
			• <u>Record Type DS/DSE Sub Type 03</u> Sector total REIT Distribution
			• <u>Record Type DO Sub Type 02</u> Market REIT Distribution Yield
			• <u>Record Type SA Subtype 01</u> Sector Total Annualised Rolling Adjusted REIT Distribution Sector total REIT Distribution
			• <u>Record Type SA Subtype 03</u> Sector average Instrument Annualised Rolling Adjusted REIT Distribution Sector REIT Distribution yield
			• <u>Record type WO sub type 02</u> Market REIT Distribution yield
			• <u>WE Subtype 03 sequence No. 01</u> Instrument REIT Distribution yield
			• <u>Record type WD sub type 01</u> Declared REIT Distribution per share
			• <u>Record Type WS Subtype 01</u> Sector Total Annualised Rolling Adjusted REIT Distribution

Version	Author	Date	Reason for Changes
			Sector total REIT Distribution • <u>Record Type WS Subtype 03</u> Sector REIT Distribution yield • <u>Record Type WS Subtype 04</u> Sector REIT Distribution Yield a year ago Sector REIT Distribution Yield a week ago • <u>Record type ME sub type 03</u> Instrument REIT Distribution yield • <u>Record type MS sub type 01</u> Sector Total Annualised Rolling Adjusted REIT Distribution • <u>Record Type MS Subtype 03</u> Sector REIT Distribution yield • <u>Record Type MS Subtype 04</u> Sector total REIT Distribution • <u>Record Type MO Subtype 02</u> Market REIT Distribution yield • <u>Record Type ED/EDE Subtype 01</u> Payment Classification descriptions will include REIT's

Version	Author	Date	Reason for Changes
4.16	Eunice Nel	March 2016	Increase Market Capitalisation field length to 14 characters
5.0	Tshepo Modise	20 July 2016	Enhancements to the Trade Type Statistics as a result of the Equity Market Enhancements being introduced as part of Integrated Trading and Clearing (ITaC) 1a scheduled for go live 26 September 2016. **New Trade Type** / **Execution Type** XT / New Trade VT / New Trade
6.0	Tshepo Modise	01 June 2019	Document title name changes
7.0	Tshepo Modise	September 2019	Addition of Non-Tradable instruments section 9
8.0	Tshepo Modise	September 2019	Updated field description for "Company Numeric Code" field.
8.1	Tshepo Modise	March 2020	Changes to increase Sector Codes from 4 to 8 characters

2   DISCLAIMER

This manual has been produced as a guide at a given point of time and in an abbreviated form, to the key provision of The JSE Ltd Rules and directives, Stock Exchanges Act and Related legislation.

Given the compressed and dated nature of the contents of a document such as this, it should not be construed as the full and official interpretation of the Act, Rules and Directives; and The JSE Ltd does not accept any responsibility or liability for any errors or omission in the formulation of this manual, nor for any consequential claims arising there from. Accordingly, The JSE Ltd accepts no responsibility for any transaction entered into as a result of the contents herein.

3   INTRODUCTION

The aim of the Dissemination system is to provide users with raw data on daily trading and share movements. All information offered for dissemination is extracted from the relevant JSE systems, and held in a central database. Each user can specify the type of records they require from the standard layouts available. The users can get their data via FTP or Leased line connection.

Closing Price information is available at 18:30 and 20:00 each business day.

Market snapshots of trades and Values are available at 10:30, 13:00 and after 17:00 each business day.

The user must inform the Information Products Sales Division in writing of the record types they would like to receive. **Please note that the field descriptions together with the relevant Values (where applicable) including examples are provided in the glossary of terms.**

3.1   CONFIRMATION OF USER ID AND PASSWORD

1.   A representative from the Customer Services Department will provide you with your Sign-on and Dataset name before 11am on the day you go live.

2.   For security purposes, a representative from the IT Open System Department will provide you with your Password.

3.   An Account Manager/Officer, from Information Products Sales Division will contact you to confirm receipt of the Dataset, User ID and Password.

4.   The onus is on you to test as soon as you have received the above mentioned information to ensure that you will gain access to the system.

Should you experience any problems relating to the information communicated to you or the actual testing of this information, please contact the under-mentioned persons for assistance:

1.   Customer Support   011 520 7777 / 7799
2.   Market Data Department   011 520 7905

4   SECTOR CLASSIFICATION

Securities are classified according to the **ICB Classification** System,

Please refer to the link below for more information regarding the new ICB structure that was introduced on 1 July 2019:

https://www.ftserussell.com/data/industry-classification-benchmark-icb

Industry	Supersector	Sector	Subsector
0001 Oil & Gas	0500 Oil & Gas	0530 Oil & Gas Producers	0533 Exploration & Production
			0537 Integrated Oil & Gas
		0570 Oil Equipment, Services & Distribution	0573 Oil Equipment & Services
			0577 Pipelines
		0580 Alternative Energy	0583 Renewable Energy Equipment
			0587 Alternative Fuels
1000 Basic Materials	1300 Chemicals	1350 Chemicals	1353 Commodity Chemicals
			1357 Specialty Chemicals
	1700 Basic Resources	1730 Forestry & Paper	1733 Forestry
			1737 Paper
		1750 Industrial Metals & Mining	1753 Aluminum
			1755 Nonferrous Metals
			1757 Iron & Steel
		1770 Mining	1771 Coal
			1773 Diamonds & Gemstones
			1775 General Mining
			1777 Gold Mining
			1779 Platinum & Precious Metals
2000 Industrials	2300 Construction & Materials	2350 Construction & Materials	2353 Building Materials & Fixtures
			2357 Heavy Construction
	2700 Industrial Goods & Services	2710 Aerospace & Defense	2713 Aerospace
			2717 Defense
		2720 General Industrials	2723 Containers & Packaging
			2727 Diversified Industrials
		2730 Electronic & Electrical Equipment	2733 Electrical Components & Equipment
			2737 Electronic Equipment
		2750 Industrial Engineering	2753 Commercial Vehicles & Trucks
			2757 Industrial Machinery
		2770 Industrial Transportation	2771 Delivery Services
			2773 Marine Transportation
			2775 Railroads
			2777 Transportation Services
			2779 Trucking
		2790 Support Services	2791 Business Support Services
			2793 Business Training & Employment Agencies
			2795 Financial Administration
			2797 Industrial Suppliers
			2799 Waste & Disposal Services

Industry	Supersector	Sector	Subsector
3000 Consumer Goods	3300 Automobiles & Parts	3350 Automobiles & Parts	3353 Automobiles
			3355 Auto Parts
			3357 Tires
	3500 Food & Beverage	3530 Beverages	3533 Brewers
			3535 Distillers & Vintners
			3537 Soft Drinks
		3570 Food Producers	3573 Farming & Fishing
			3577 Food Products
	3700 Personal & Household Goods	3720 Household Goods & Home Construction	3722 Durable Household Products
			3724 Nondurable Household Products
			3726 Furnishings
			3728 Home Construction
		3740 Leisure Goods	3743 Consumer Electronics
			3745 Recreational Products
			3747 Toys
		3760 Personal Goods	3763 Clothing & Accessories
			3765 Footwear
			3767 Personal Products
		3780 Tobacco	3785 Tobacco
4000 Health Care	4500 Health Care	4530 Health Care Equipment & Services	4533 Health Care Providers
			4535 Medical Equipment
			4537 Medical Supplies
		4570 Pharmaceuticals & Biotechnology	4573 Biotechnology
			4577 Pharmaceuticals
5000 Consumer Services	5300 Retail	5330 Food & Drug Retailers	5333 Drug Retailers
			5337 Food Retailers & Wholesalers
		5370 General Retailers	5371 Apparel Retailers
			5373 Broadline Retailers
			5375 Home Improvement Retailers
			5377 Specialized Consumer Services
			5379 Specialty Retailers
	5500 Media	5550 Media	5553 Broadcasting & Entertainment
			5555 Media Agencies
			5557 Publishing
	5700 Travel & Leisure	5750 Travel & Leisure	5751 Airlines
			5752 Gambling
			5753 Hotels
			5755 Recreational Services
			5757 Restaurants & Bars
			5759 Travel & Tourism
6000 Telecommunications	6500 Telecommunications	6530 Fixed Line Telecommunications	6535 Fixed Line Telecommunications
		6570 Mobile Telecommunications	6575 Mobile Telecommunications
7000 Utilities	7500 Utilities	7530 Electricity	7535 Conventional Electricity
			7537 Alternative Electricity
		7570 Gas, Water & Multiutilities	7573 Gas Distribution
			7575 Multiutilities
			7577 Water

Industry	Supersector	Sector	Subsector
8000 Financials	8300 Banks	8350 Banks	8355 Banks
	8500 Insurance	8530 Nonlife Insurance	8532 Full Line Insurance
			8534 Insurance Brokers
			8536 Property & Casualty Insurance
			8538 Reinsurance
		8570 Life Insurance	8575 Life Insurance
	8600 Real Estate	8630 Real Estate Investment & Services	8633 Real Estate Holding & Development
			8637 Real Estate Services
		8670 Real Estate Investment Trusts (REITs)	8671 Industrial & Office REITs
			8672 Retail REITs
			8673 Residential REITs
			8674 Diversified REITs
			8675 Specialty REITs
			8676 Mortgage REITs
			8677 Hotel & Lodging REITs
	8700 Financial Services	8770 Financial Services	8771 Asset Managers
			8773 Consumer Finance
			8775 Specialty Finance
			8777 Investment Services
			8779 Mortgage Finance
		8980 Equity Investment Instruments	8985 Equity Investment Instruments
		8990 Nonequity Investment Instruments	8995 Nonequity Investment Instruments
9000 Technology	9500 Technology	9530 Software & Computer Services	9533 Computer Services
			9535 Internet
			9537 Software
		9570 Technology Hardware & Equipment	9572 Computer Hardware
			9574 Electronic Office Equipment
			9576 Semiconductors
			9578 Telecommunications Equipment
A001 Additional	A100 Asset Backed Securities	A110 Kruger Rands	A111 Kruger Rands
		A120 Collective Investment Schemes	A121 Unit Trust
		A 130 Warrants	A131 Warrants
		A150 Investment Products	A151 Investment Products
	A200 Debt	A210 Corporate Debt	A211 Corporate Debt
		A220 Preference shares	A221 Preference Shares
		A230 Deposit Notes	A231 Deposit Notes
	A300 Exchange Traded Products	A310 Exchange Traded Funds	A311 Exchange Traded Funds
		A320 Exchange Traded Notes	A321 Exchange Traded Notes
	A900 Other	A910 Other Securities	A911 Other Securities
		A990 Unlisted Securities	A991 Unlisted Securities

5   JSE PRINT SEQUENCE

This section is still under review due to the ICB changes, as soon as the review is complete, an updated version of the specification document with be provided on a separate notice

The JSE provides a print sequence in the DS05 records, to assist the Media with the layout and sequence of the sectors and instruments. As a general rule, only the sectors are printed, with all the instruments belonging to that sector, save for Mining sector. With the Mining sector, the sub-sectors are printed and the instruments listed under the sub-sector. Attached is table of the print sequence. The sequence number relates to the sequence in which it should be printed.

Printing Sequence	Mining Sub-Sectors	Seq #	Sector Code	Alpha Code
Oil and Gas		010	0001	
-Oil and Gas		020	0500	
-Oil & Gas Producers		030	0530	
-Oil Equipment & Services		040	0570	
-Alternative Energy		045	0580	
Basic Materials		050	1000	
-Chemicals		060	1300	
-Chemicals		070	1350	
- Basic Resources		080	1700	
- Forestry and Paper		090	1730	
- Industrial Metals & Mining		100	1750	
- Mining		110	1770	
	Coal	120	1771	
	Diamonds & Gemstones	130	1773	
	General Mining	140	1775	
	Gold Mining	150	1777	
	Platinum & Precious Metals	160	1779	
Industrials		170	2000	
-Construction & Materials		180	2300	
-Construction & Materials		190	2350	
-Industrial Goods & Services		200	2700	
- Aerospace & Defence		210	2710	
- General Industries		220	2720	
- Electronic & electrical Equipment		230	2730	
- Industrial Engineering		240	2750	
- Industrial Transportation		250	2770	
- Support Services		260	2790	
Consumer Goods		270	3000	
-Automobiles & Parts		280	3300	
- Automobiles & parts		290	3350	
-Food & Beverages		300	3500	
- Beverages		310	3530	
- Food Producers		320	3570	
-Personal & Household Goods		330	3700	
- Household Goods & Home Construction		340	3720	
- Leisure Goods		350	3740	
- Personal Goods		360	3760	
- Tobacco		370	3780	

Printing Sequence	Mining Sub-Sectors	Seq #	Sector Code	Alpha Code
Health Care		380	4000	
-Health Care		390	4500	
- Health Care Equipment & Services		400	4530	
- Pharmaceuticals & Biotechnology		410	4570	
Consumer Goods		420	5000	
- Retail		430	5300	
-Food & Drug Retailers		440	5330	
- General Retailer		450	5370	
- Media		460	5500	
- Media		470	5550	
-Travel & Leisure		480	5700	
- Travel & Leisure		490	5750	
Telecommunication		500	6000	
-Telecommunication		510	6500	
- Fixed Line Telecommunications		520	6530	
- Mobile Telecommunications		530	6570	
Utilities		540	7000	
- Utilities		550	7500	
- Electricity		560	7530	
- Gas, Water & Multiutilities		570	7570	
Financials		580	8000	
- Banks		590	8300	
Banks		600	8350	
-Insurance		610	8500	
- Nonlife Insurance		620	8530	
- Life Insurance		630	8570	
- Real Estate		635	8600	
- Real Estate Investment & Services		640	8630	
- Real Estate Investment Trusts		650	8670	
- Financial Services		655	8700	
- Financial Services		660	8770	
- Equity Investment Instruments		670	8980	
- Nonequity Investment Instruments		680	8990	
Technology		690	9000	
-Technology		700	9500	
- Software & Computer Services		710	9530	
- Technology Hardware & Equipment		720	9570	
AltX		730	ICB	
Development Capital		740	ICB	
Venture Capital		750	ICB	
BEE Board		758	ICB	
Additional		760	A001	
-Asset Backed Securities		770	A100	
- Kruger Rands		780	A110	
- Collective Investment Schemes		790	A120	
- Warrants		880	A130	
- Investment Products		810	A150	
-Debt		820	A200	

Printing Sequence	Mining Sub-Sectors	Seq #	Sector Code	Alpha Code
-Corporate Debt		830	A210	
- Preference Shares		840	A220	
- Deposit Notes		850	A230	
-Exchange Traded Products		800	A300	
- Exchange Traded Funds		802	A310	
- Exchange Traded Notes		805	A320	
-Other		860	A900	
- Other Securities		870	A910	
Unlisted Securities		900	A990	

6   STATISTICAL RULES

Record Types

This will apply to all statistic record types at all frequencies e.g. equity statistics, sector statistics. It will not apply to the record types under the general section or record types that only contain reference data.

Trade Type Statistic Rules

Displayed below are the rules that are used to calculate the following base statistics.

- Volume
- Value
- Number of Deals
- High/Low Price

Statistics Rules

Note: T refers to the date on which the trade was matched in the case of automatic trades and the date on which the trade was entered into the trading engine in the case of off book trades.

#	Scenario	• Applicable Trade Types	Statistics Impact
1	New Trades (including Back Dated Off Book Trades)	• On Book Trade Types • Published Off Book Trade Types	• Increment Number of Deals for T. • Increase Value and Volume for T. • On Book Trades and NX trades have an impact on the High/Low Price for T
2	Same day cancellation of Trades (including Back Dated Off Book Trades)	• On Book Trade Types • Published off Book Trade Types	• Increment Number of Deals for T. • Decrease Value and Volume for T. • On Book Trades and NX trades have an impact on the High/Low Price for T
3	Next day cancellation of Trades (including Back Dated Off Book Trades) where the Original Trade is found	• On Book Trade Types • Published Off Book Trade Types	• Increment Number of Deals for T -1. • Decrease Value and Volume for T -1 • On Book Trades and NX trades have an impact on the High/Low Price for T-1.

4	Next day cancellation of Trades (Back Dated Off Book Trades) where the Original Trade is NOT found	• On Book Trade Types
		 • Published Off Book Trade Types
			• No impact on the following:
			   o Number of Deals
			   o Value and Volume
			   o High/Low Price

5	Same Day Cancellation of a PC / LC / NC Trade where the Initial PC / LC / NC corrected a previous day trade	• Published Off Book Trade Types	• Increment Number of Deals for T -1. • Increase Value and Volume for T -1 • No impact on the High/Low Price statistics.

6	Same Day Cancellation of a PC / LC / NC Trade where the Initial PC / LC / NC did not correct a previous day trade	• Published Off Book Trade Types	• No impact on the following:
			   o Number of Deals
			   o Value and Volume
			   o High/Low Price

#	Scenario	• Applicable Trade Types	Statistics Impact
7	Next day cancellation of a PC / LC / NC Trade	• Published Off Book Trade Types	• No impact on the following: o Number of Deals o Value and Volume o High/Low Price
8	Trades of Non-Published Trade Types, irrespective of the trade scenario	• Non-Published Off Book Trade Types	• No impact on the following: o Number of Deals o Value and Volume o High/Low Price

The table below summarises the trade scenarios and the statistics dates impacted.

#	Scenario	Statistics Date
1	• New Trades (including Back Dated Trades) • Same day cancellation of Trades (including Back Dated Trades) • Next day cancellation of Trades where the Original Trade is NOT found • Same day cancellation of an PC / LC / NC Trade where that PC / LC / NC did not correct a trade made the previous day • Next day cancellation of a PC / LC / NC Trade	T
2	• Next day cancellation of Trades (including Back Dated Trades) where the Original Trade is found • Same day cancellation of a PC / LC / NC Trade where that PC / LC / NC did correct a trade made the previous day	T-1
3	• Next day cancellation of Trades where the Original Trade is NOT found • Same Day Cancellation of a PC / LC / NC Trade where the Initial PC / LC / NC did not correct a previous day trade • Next day cancellation of a PC / LC / NC Trade • Trades of Non-Published Trade Types, irrespective of the trade scenario	No impact to Statistics

7   GLOSSARY OF TERMS

12 Months Percentage Move	Percentage movement of the warrant in the last 12 months. The calculation for this measurement is as the same as the measurement 'Percentage Closing Price Change'
Adjusted High Trade Price WE 01, WE 04, ME 01, ME 04, EA 01, EA 03	The adjusted daily high trade price for the week/month/year, per instrument. I.e. the maximum adjusted trade price for Automatic trades (AT, UT, XT and VT Trades) and NX trades, which have not been cancelled on the same day.
Adjusted High Trade Price Date WE 02, ME 02, EA 02	The date on which the adjusted high trade price for the week/month/year was attained, per instrument. I.e. trade date for the maximum adjusted trade price for Automatic trades (AT, UT, XT and VT Trades) and NX trades, which have not been cancelled on the same day.
Adjusted Low Trade Price WE 01, WE 04, ME 01, ME 04, EA 01, EA 03	The adjusted daily low trade price for the week/month/year, per instrument. I.e. the minimum adjusted trade price for Automatic trades (AT, UT, XT and VT Trades) and NX trades, which have not been cancelled on the same day.
Adjusted Low Trade Price Date WE 02, ME 02, EA 02	The Date on which the Adjusted Low Trade Price for the week/month/year was attained, per instrument. I.e. trade date for the minimum adjusted trade price for Automatic trades (AT, UT, XT and VT Trades) and NX trades, which have not been cancelled on the same day.
AND / OR? Default?	This represents the Link Operator between Option 1 and Option 2,
Authorised Capital (Rands)	The total rand Value of the authorised capital for a company.
Average Number of Days Instrument Traded DE 03, WE 02, ME 02, EA 02	The Average number of Days an Instrument traded for the week/month/year/12 months, excluding non-published trade types.
Board	Board the Instrument trades on:

BoardCode	BoardName
Main	Main Board
VCM	Venture Capital Market Board
DCM	Development Capital Market Board
AltX	Alternative Exchange Board
ADB	Agricultural Derivatives Board
FDB	Financial Derivatives Board
YieldX	YieldX Board
NSXMain	Namibian Main Board
BEE	BEE Board

Broadcast Update Action	Identifies the action to be taken by customers on receipt of a message.

Length: 1
Format: Alphanumeric
ISO Standard   N/A

The field can have the following Values:

'A'	The information contained in the message is new and should be added
'C'	The information contained in the message is changing previously advised information
'D'	The information contained in the message is deleting previously advised information
'F'	The information contained in the message is part of a full data download – the action to be taken will depend on the way in which customer's systems are set up to receive this download.

Buyer Price WE 01, ME 01, EA 01	The latest cash offer to buy a share for the week/month/year (same as Last Best Bid)
CA Serial Number	This reflects the CA Serial Number of the Corporate Action. It is a unique number that identifies a specific Corporate Action.
Call or Putt	Call: Holder of warrant entitled to buy underlying security Put: Holder of warrant entitled to sell underlying security
Capital Introduced	The Rand value of the capital introduced by an issuing company when an instrument was listed on the JSE.
Capital Raised Prior to Listing	The amount of capital, quoted in Rands, which was raised prior to the listing on the JSE.
Capital Payment Yield	The annualised rolling capital payments divided by the closing price, per Instrument. This is similar to the dividend yield but only includes capital payments.
Capital Structure Status	This indicates the status of the capital structure of an Instrument on a specified date.

C	Current
F	Future
H	Historical
T	Terminated

Charge Structure Code	The code indicating the type of charge applied when an instrument is traded.

B1	S A Reserve Bank
C1	Debentures (convertible)
C2	Loan Stock with hidden convertibility
D1	Debentures (non-convertible)
K1	Kruger Rands

NC	No Charge
O1	Ordinary and preference Instrument instruments (cents)
O2	Special preference instruments
O3	AltX
O4	Warrants
O5	JSE Unlisted
P1	0.1% brokerage – non convertible debentures
P2	0.2% brokerage – non convertible debentures
P3	0.3% brokerage – non convertible debentures
P4	0.4% brokerage – non convertible debentures
P5	0.5% brokerage – non convertible debentures
P6	0.6% brokerage – non convertible debentures
R1	Registration only
UN	Unknown

Class of Warrants   Warrant Class refers to the type of the underlying securities, e.g. Index Class would be a warrant with an underlying security being an Index (i.e. TOPI)

Class Code	Class Description
SE	SINGLE INSTRUMENT ISSUES (underlying is a single stock)
EB	INSTRUMENT BASKETS (underlying is stock basket)
IW	INDEX WARRANTS (underlying is an Index)
BW	BOND WARRANTS (underlying is a Bond)
IN	INDEX NOTES (underlying is an Index note)

Closing Price a Year Ago   The adjusted closing price a year ago

Closing Price Change In Cents
DE 01, DT 01, DT 02, VA 01, VO 01, WE 01, WT 01, WT 02, ME 01, MT 01, MT 02, EA 01, AT 01, AT 02   The closing price variation of an instrument for a period quoted in cents.

Closing Price for last trading day in current day/week/month/year - Adjusted Closing price for last trading day in previous day/week/month/year for every instrument.

Note: Zero closing prices not included in calculation. Instead uses the previous closing price > 0

Closing Price Three Months Ago   The adjusted closing price three months ago

Company Alpha Code   The alpha code of the company

Company Country Code   The code of the country of the company

Company Listing Date   The date on which the company was listed

Company Name   The full name of the issuing company of the instrument

Company Numeric Code	Each company is assigned a unique number, to which their Instrument is linked. A company can, under certain circumstances, list different instruments under multiple business relationships (roles) with the JSE. In this situation, the company will have more than one numeric code linked to the different instruments.
Company Short Name	The abbreviated version of the company name
Company Status	The code indicating the status of the company on the specified date.

C	Current
F	Future
H	Historical
T	Terminated
S	Suspended

Corporate Action Type   Valid Values are:

- AS = Additional Instruments – Acquisition
- BS = Share Buybacks – Specific
- CB = Change Board
- CD = Cash Dividend
- CI = Capitalisation Issue
- CM = Full Redemption
- CO = Consolidation
- CP = Capital Payment
- CR = Capital Reduction
- CV = Conversion of Securities
- GB = Share Buybacks – General
- GI = General Issue Instruments for Cash
- IC = Increase in Authorised Share Capital
- IL = Liquidation Distribution
- IS = Special Dividends
- IT = Interest Payments
- MB = New Listing (non Warrants)
- MO = Minority Offers
- NC = Name Change
- CF = Conditional Offer
- OL = Odd Lot Offer
- PR = Partial Redemption
- PV = Par Value Change
- RL = Reverse Take-Over Listing
- RT = Rights / Claw Back Offer
- SA = Scheme of Arrangements
- SC = Scrip Dividend
- SD = Subdivision
- SE = Scrip Dividend – Additional Instruments
- SI = Specific Issue of Instruments for Cash
- SL = Suspension Lifted
- SO = Share option scheme/ Exercise of options
- SS = Share Incentive Scheme
- ST = Sector Transfer
- SU = Suspensions – Company and/or JSE Initiated
- TE = Termination Company or/and JSE Initiated
- TU = Take-up Rights Offer
- UB = Unbundling

- UO = Unconditional Offer
- VW = Voluntary Winding-Up
- WD = Withdrawal of Listing
- MW = Listing of a new Warrant
- RI = REIT Distribution
- RE = Electable REIT Distribution

Cover Ratio	The ratio, which determines the number of warrants required to be exercised in relation to the underlying securities.

Current Closing Price The last cash sale price of the day as per the prices board.

Declaration Type This indicates which financial year total is contained in the record type.

Valid values:

DI	Dividend
EA	Earnings
CA	Capital Payments
IN	Interest Payments

Declared Dividend per Share The Dividend payment per share (DDPS) declared by a company, in cents.

Declared Earnings Per Share (Cents) The Headline earnings per share declared (DHEPS) by the listed instrument, in cents.

Note: Where no HEPS is declared, then the AHEPS Values disseminated by the JSE will be zero.

Declared REIT Distribution per share WD 01 The REIT distribution per share declared by a company, in cents.

Delisting Date The date on which an instrument was de-listed.

Dividend Declaration Date The date on which a company declared a dividend.

Dividend Declaration Period The period in the financial year in which a dividend was declared

Dividend Flag This indicates what kind of dividend was declared.

F	Final
I	Interim
M	Maiden
S	Special

Dividend in Specie Indicates whether the corporate action is a dividend in specie.

Dividend Number The number of a particular dividend as declared by the company.

Dividend Payment Date The date on which the dividend will be paid out by the issuing company will be given.

| | Dividend Yield Indicator | This field will indicate an '&' (ampersand), if the dividend yield has been affected by the fact that a dividend has been declared. |

Dividend Yield Indicator   This field will indicate an '&' (ampersand), if the dividend yield has been affected by the fact that a dividend has been declared.

Earnings Declaration Period   The period in the company's financial year in which the earnings were declared.

Effective Date   The date on which the change becomes effective.

Effective Time   The time from which an Instrument's status changed in the format HHMMSS.

Event Type   This reflects the Corporate Action Event Type which generates the change to the Instrument / share holding. e.g. SD (Subdivision), CD (Cash Dividend), NC (Name Change) etc.

Event type	Description
MB/TE	MW
CA	This has been discontinued
SO	Now Includes issue of shares as well as exercise of options
AS	Additional instruments - Acquisition
BS	Share buybacks – Specific
CB	Change Board
CD	Cash Dividend
CI	Capitalisation Issue
PR	Partial Redemption
CO	Consolidation
CP	Capital Repayment
CR	Capital Reduction
CV	Conversion of Securities
SO	Exercise of Options
GB	Share buybacks - General
GI	General Issue of Instruments for Cash
IC	Increase in Authorised Share Capital
IL	Liquidation Distribution
IS	Special Dividend
IT	Interest Payment
MB	New Listing
MO	Minority Offer
NC	New Listing
CF	Conditional Offer
OL	Odd Lot Offer
CM	Full Redemption
PV	Par Value Change
RL	Reverse Listing
RT	Rights / Claw Back Offer
SA	Scheme of Arrangement
SC	Scrip Dividend
SD	Subdivision
SE	Scrip Dividend - Additional Instruments
SI	Specific Issue of Instruments for Cash
SL	Suspension Lifted
SS	Share Incentive Scheme

ST	Sector Transfer
SU	Suspension - Company and/or JSE initiated
TE	Termination - Company or JSE initiated
TU	Take-up Rights Offer
UB	Unbundling
UO	Unconditional Offer
VW	Voluntary Winding-Up
WD	Withdrawal of Listing
MW	Listing of Warrants

Event which Caused Change   The code indicating the type of change to an Instrument.

Values are:

001	New listing
002	Raising capital
003	Share split
004	Share consolidation
005	Capitalisation issue
006	Raising capital - acquisition of unlisted company
007	Final redemption
008	Partial redemption
009	Reduction of capital - no pay out - reduce number of shares
010	Reduction of capital - no pay out - reduce par Value
011	Capitalisation issue, bonus share offer, no dividend
012	Termination
013	New scrip issued with no other change
014	Raising capital - share incentive scheme
015	Raising capital - bonus shares
016	Instrument name change
017	Change of authorised capital
018	Share swopping
019	Raising capital - share swopping
020	Partial conversion
021	Final conversion
022	"Par Value " of a share has been increased or decreased in number
023	Acquisition of a listed company
024	Company name override change
025	Instrument sector link change
026	Instrument company link change
027	Index constituent change
028	New scrip issued on company's request
029	Instrument description field(s) have changed
030	Listing Indicator Change

031	STK Exchange Indicator Change

Ex Dividend Indicator
This indicates if an instrument is currently trading 'ex dividend', i.e. the seller and not the purchaser is entitled to receive the dividend.

Values are:
Y   Yes
N   No

"Yes" means that the seller and not the purchaser is entitled to the dividend being paid. The share will remain Ex dividend for duration of 5 business days, starting on Ex-Date and ending on Record Date.

If the indicator is "No", this should then be ignored – only show indicator when it's Yes.

Exchange
The exchange the instrument/sector is linked to.

- JSE - Johannesburg Stock Exchange
- LSE - London Stock Exchange
- NSX - Namibian Stock Exchange

Expiry Date
Date on which the warrant expires

Filler
Space or Blank. This field is reserved for future usage.

Final Declared Earnings
The Final Headline earnings per share declared (DHEPS) by the listed instrument in cents.

Note: Where no HEPS is declared, then the AHEPS Values disseminated by the JSE will be zero.

Financial Year End
The financial period to which the dividend or earnings relate.

Foreign Status
This field will be populated if an instrument is classified as 'Foreign Inward Listed' or 'African Inward Listed' by the South African Reserve Bank. It will be blank for all other instruments.

Foreign Tax Percentage
The percentage of foreign withholding tax deducted in the foreign jurisdiction, if applicable

Foreign Tax Reclaim Percentage
The foreign withholding tax that can be reclaimed by South African Shareholders

High Trade Price
DE 01, CR 01
The Highest Trade Price for the Day. (If only one Trade took place for the Day for the Instrument, the Close, High and the Low Trade Price will be equal. If no trades took place for the Day, the Closing Price will be carried forward from the Last Day the Instrument Traded.) Applicable to every instrument.

I.e. the high trade price for Automatic trades (AT, UT, XT and VT Trades) and NX trades, which have not been cancelled on the same day.

Index Constituent
This indicates if the specified instrument is a constituent of an Index

Index Name
The full description of the index.

Index Short Name
The abbreviated version of the index name.

Instruction Indicator	Indicates whether the instruction is N, C or D for New, Changed or Deleted, respectively.
Instrument 12 Month High Dividend Cover DE 04	The Highest Dividend Cover for an Instrument over a 12 Month period. MAX (Annualised Rolling Headline Earnings per Instrument / Annualised Rolling Dividends per Instrument) for every Instrument over a 12 Month period
Instrument 12 Month Low Dividend Cover DE 04	The Lowest Dividend Cover for an Instrument over a 12 Month period. MIN (Annualised Rolling Headline Earnings per Instrument / Annualised Rolling Dividends per Instrument) for every Instrument over a 12 Month period
Instrument Adjusted Average Volume Traded DE 03, WE 02, ME 02, EA 02	The Average Adjusted Volume Traded for every Instrument for all Trading Days in a Week/Month/Year/12 Months period. SUM(Instrument Adjusted Volume Traded) for every Instrument for every Trading Day in the period / Number of Trading Days in period
Instrument Adjusted Payment	Adjusted Payment per Instrument based on Payment Type (The last declared dividend per instrument included in the rolling dividend calculation) * smoothing factor
Instrument Adjusted Headline Earnings	Adjusted Headline Earnings per Instrument (The last declared earnings per instrument included in the rolling headline earnings calculation) * smoothing factor
Instrument Adjusted Overactive Volume Traded WE 04	The Volume Traded for all Trading Days in a Week divided by the Average Adjusted Volume Traded over the last 12 Months. SUM(Trade Volume) for every Instrument for all Trading Days in a Week DIVIDE BY SUM((Adjusted Trade Volume) for every Instrument for all Trading Days for 12 Months) / 4)
Instrument Adjusted Overactive Volume Traded Indicator (Daily) DE 06	This indicates if the Volume of Instruments Traded on a Trading Day is more than 50% Higher than the 10 Trading Day Moving Average. IF SUM(Instrument Volume Traded) for every Instrument on a Trading Day >= SUM(((Instrument Volume Traded) for every Instrument for all Trading Days for all10 Trading Days) / 10)) * 1.5 THEN Instrument Adjusted Over Active Volume Indicator = Y ELSE N Values are: • Y - Yes • N – No
Instrument Adjusted Volume Traded WE 01, WE 04, ME 01, ME 04, EA 01, EA 03	Adjusted Volume Traded for every Instrument for every Trading Day in the week/month/year period. SUM (Adjusted Instrument Volume Traded for every Instrument for every Trading Day in the week/month/year)
Instrument Alpha Code	All instruments traded on the market are identified by an alpha code. This field is alphanumeric and can be up to 6 characters long.

Instrument Annualised Rolling Adjusted Dividend WE 03, ME 03	Annualised Rolling Adjusted Dividend per Instrument (Rolling Dividend per Instrument * 12) / Number of Months
Instrument Annualised Rolling Adjusted Payment	Annualised Rolling Adjusted Payment per Instrument based on Payment Type (No Value for when the Payment Type is SPECDIV) (Rolling Dividend per Instrument * 12) / Number of Months
Instrument Annualised Rolling Adjusted Dividend Cover DE 03, WE 03, ME 03, EA 03	Annualised Rolling Headline Earnings per Instrument / Annualised Rolling Dividends per Instrument, for every Instrument
Instrument Annualised Rolling Adjusted Headline Earnings WE 03, ME 03	Annualised Rolling Adjusted Headline Earnings per Instrument, for the last 4 quarters (Rolling Headline Earnings per Instrument * 12) / Number of Months
Instrument Annualised Rolling Adjusted Headline earnings	The Annualised Rolling Adjusted Headline Earnings per Instrument for the last 4 quarters. (Rolling Headline Earnings per Instrument * 12) / Number of Months
Instrument Average Number of trades WE 02, ME 02, EA 02	The Average number of Trades that took place for a week/month/year period for every Instrument. SUM (Instrument Number of Trades) for every Instrument for every Trading Day in the period / Number of Trading Days in week/month/year)
Instrument Average Value Traded DE 03, WE 02, ME 02, EA 02	The Average Value Traded for every Instrument for a Week/Month/Year/12 Months period. SUM(Instrument Value Traded) for every Instrument for every Trading Day in the period / number of trading days in the period
Instrument Closing Price	The Instrument Closing Price is the closing auction price, a period based Volume Weighted Average Price (VWAP) price or the last automatic trade price. Note: If there is no closing price on the day, the previous closing price > 0 is used.
Instrument Declared earnings adjusted – financial year WE 03	The total Declared Headline Earnings for the applicable Financial Year, adjusted for changes due to relevant Corporate Actions. SUM(Adjusted Headline Earnings per Instrument) as declared per Quarter in a Financial Year per Instrument
Instrument Dividend Yield DE 01, WE 03, ME 03, EA 03	The Annualised Rolling Dividends per Instrument divided by the Closing Price, per Instrument * 100. Annualised Rolling Dividends per Instrument / (Closing Price / Price Divisor) for every Instrument Note: Zero closing prices not included in calculation. Instead use the previous closing price > 0

Instrument Earnings Yield DE 01, WE 03, ME 03, EA 03	The percentage of the purchase price that will be recouped in Earnings per Year per Instrument Annualised Rolling Headline Earnings per Instrument / (Closing Price / Price Divisor) for every Instrument Note: Zero closing prices not included in calculation. Instead use the previous closing price > 0
Instrument Full Name	The full Instrument name
Instrument Gain/Loss Indicator DE 01, WE 01, ME 01, EA 01	This indicates if there was a Closing Price Gain or Loss for the Day/Week/Month/year for every Instrument. IF Closing Price for Last Trading Day in Current Day/Week/Month/Year > Previous Adjusted Closing Price for Last Trading Day in Previous Day/Week/Month/Year AND Closing Price for Last Trading Day in Current Day/Week/Month/Year > 0 THEN Gain Loss Indicator = "G" ELSE IF Closing Price for Last Trading Day in Current Day/Week/Month/Year < Previous Adjusted Closing Price for Last Trading Day in Previous Day/Week/Month/Year AND Closing Price for Last Trading Day in Current Day/Week/month/year > 0 THEN Gain Loss Indicator = "L" ELSE IF Closing Price for Last Trading Day in Current Day/Week/Month/Year = Previous Adjusted Closing Price for Last Trading Day in Previous Day/Week/Month/Year THEN Gain Loss Indicator = "N" - for all Instruments Note: Zero closing prices not included in calculation. Instead use the previous closing price > 0
Instrument Highest Dividend Yield 12 months DE 04	The Highest Dividend Yield for an instrument over the past 12 month period. MAX (Annualised Rolling Dividends per Instrument / (Closing Price / Price Divisor)) for every Instrument over a 12 Month period Note: Zero closing prices not included in calculation. Instead use the previous closing price > 0
Instrument Highest Earnings Yield 12 Months DE 04	The Highest Earnings Yield for an Instrument for the past 12 Months. MAX (Annualised Rolling Headline Earnings per Instrument / (Closing Price / Price Divisor)) for every Instrument for the past 12 Months Note: Zero closing prices not included in calculation. Instead use the previous closing price > 0
Instrument Highest REIT Distribution Yield 12 Months DE/DEE Sub Type 04	The Highest REIT Distribution Yield for an instrument over the past 12 month period.
Instrument Last Best Bid DE 01	The Last Best Bid is determined by the Best Bid published at the same time that the first Closing Price is published for the day.

Instrument Last Best Offer DE 01	The Last Best Offer is determined by the Best Offer published at the same time that the first Closing Price is published for the day.
Instrument Lowest Dividend Yield 12 months DE 04	The Lowest Dividend Yield for an Instrument over a 12 Month period. MIN (Annualised Rolling Dividends per Instrument / (Closing Price / Price Divisor)) for every Instrument over a 12 Month period Note: Zero closing prices not included in calculation. Instead use the previous closing price > 0
Instrument Lowest Earnings Yield 12 Months DE 04	The Lowest Earnings Yield for an Instrument over the past 12 Months. MIN (Annualised Rolling Headline Earnings per Instrument / (Closing Price / Price Divisor)) for every Instrument for a 12 Month period Note: Zero closing prices not included in calculation. Instead use the previous closing price > 0
Instrument Lowest REIT Distribution Yield DE/DEE Sub Type 04	The Lowest REIT Distribution Yield for an Instrument over a 12 Month period.
Instrument Market Capitalisation DE 03, WE 02, ME 02, EA 02	The Instrument's number of listed shares in the market, multiplied by it's Closing Price. (Instrument Listed Shares * Closing Price per Instrument)/Price Divisor IF Price Type = % then DIVIDE above by 10000 ELSE DIVIDE above by 100 as per the price divisor. Note: Zero closing prices not included in calculation. Instead use the previous closing price > 0
Instrument Moving 12 Month High Price Earnings Ratio DE 04	The Highest Price Earnings Ratio over a 12 Month period for every Instrument. MAX (Closing Price / Annualised Rolling Headline Earnings per Instrument) for every Instrument over a 12 Month period Note: Zero closing prices not included in calculation. Instead use the previous closing price > 0
Instrument Moving 12 Month Low Price Earnings Ratio DE 04	The Lowest Price Earnings Ratio for a 12 Month period per Instrument. MIN (Closing Price / Annualised Rolling Headline Earnings per Instrument) per Instrument for a 12 Month period Note: Zero closing prices not included in calculation. Instead use the previous closing price > 0
Instrument New High Indicator DE 03	This indicates if an Instrument has attained a new high trade price on the specified Day since listing. Compare current day's high trade price to the latest adjusted new high trade price since listing. If current day's high trade price > latest adjusted new high trade price since listing then set newhighindicator = Y else set newhighindicator = N

Instrument New High Trade Price NH 01	The Highest Trade Price for an Instrument since date of listing. Compare current day's high trade price to the latest adjusted new high trade price since listing. If current day's high trade price > latest adjusted new high trade price since listing then set newhightradeprice = actualhightradeprice else set newhightradeprice = existing new high trade price
Instrument New Low Indicator DE 03	This indicates if an Instrument has attained a new Low Trade Price on the specified Day since listing. Compare current day's low trade price to the latest adjusted new low trade price since listing. If current day's low trade price < latest adjusted new low trade price since listing then set newlowindicator = Y else set newlowindicator = N
Instrument New Low Trade Price NL 01	The Lowest Trade Price for an Instrument since date of listing. Compare current day's low trade price to the latest adjusted new low trade price since listing. If current day's low trade price < latest adjusted new low trade price since listing then set newlowtradeprice = actuallowtradeprice else set newlowtradeprice = existing new low trade price
Instrument Note	This indicates that a note has been loaded pertaining to the Instrument
Instrument Number of Trades DE 02, CR 01, WE 01, ME 01, EA 01	The number of Trades that took place for a Day/Week/Month/Year period for every Instrument. This excludes Non-Published Trade Types.
Instrument Numeric Code	All instruments traded on the market are identified by a unique numeric code.
Instrument Overactive Volume Traded (Daily) DE 06	The Total Volume Traded on a Trading Day divided by the Average Adjusted Volume Traded over the last 10 Trading Days. Instrument Total Volume Traded for every Instrument on a Trading Day / (SUM((Instrument Adjusted Volume Traded) for every Instrument for all Trading Days for 10 Trading Days) / 10)
Instrument REIT Distribution Yield DE/DEE 01, WE 0301, ME 03	(Annualised Rolling Adjusted REIT Distribution / Closing Price) * 100
Instrument Report Name	The version of an instrument name used on reports and online facilities.
Instrument Short Name	The abbreviated version of an instrument name
Instrument Status	This indicates the current status of an instrument.

Values are:

C	Current - can be traded
F	Future - may only be traded from the specified effective date
H	Historical - historical version of an Instrument.
T	Terminated - delisted, may not be traded. Can be reinstated if required.
S	Suspended - trading disallowed until it is reinstated.

Instrument Type Code   This indicates the type of instrument.

New Instrument Type Code	New Instrument Type Name	Old System Instrument Type Code	Old System Instrument Type Name
Barrier	Barrier	IP	Investment Product
Basket	Basket	IP	Investment Product
Aord	A Ordinary	OS	Ordinary Share
Bord	B Ordinary	OS	Ordinary Share
Comp	Compound	IP	Investment Product
Deb	Debentures	DB	Debenture
DepRec	Depository Receipts	OS	Ordinary Share
ETF	Exchange Traded Funds	TF	Tradable Fund
FPL	Fully Paid letters	FL	Fully Paid Letter
Index	Index	IP	Investment Product
KR	Kruger Rand Group	KR	Kruger Rand Group
LSU	Loan Stock Units	DB	Debenture
LU	Linked Unit	OS	Ordinary Share
NilPL	Nil Paid Letters	NL	Nil Paid Letter
Nord	N Ordinary	OS	Ordinary Share
Options	Options	OS	Ordinary Share
Ordinary	Ordinary	OS	Ordinary Share
PL	Participatory Interest	OS	Ordinary Share
PPL	Partially Paid Letters	PL	Partially Paid Letter
PS	Preference Shares	PS	Preference Share
Securities	Securities	IP	Investment Product
UL	Unlisted Equities	UE	Unlisted Equity
UT	Unit Trusts	UT	Unit Trust
Vanilla	Vanilla	WR	Warrant

Instrument Value Traded
WE 01, ME 01, EA 01

Value Traded for every Instrument for every Trading Day in the week/month/year period.

SUM (Instrument Value Traded for every Instrument for every Trading Day in the week/month/year)

Instrument Value Traded (Daily)
DE 02, CR 01, VA 01

The Value Traded (Trade Volume * Trade Price) for every Instrument on a Trading Day. This excludes Non-Published Trade Types.

Instrument Volume Density Value
DE 06, WE 04

Highest percentage of Instrument listed shares traded in a day/week period.

SUM((Trade Volume * Trade Price) /Price Divisor)) / Instrument Listed Shares in Market] * 100 for every Instrument for a day/week period

Instrument Volume Traded
DE 01, DR 01, VO 01

Trade Volume per instrument, excluding non-published trade types.

Interest Payment Yield	The annualised rolling interest payments divided by the closing price, per Instrument. This is similar to the dividend yield but only includes interest payments.
ISIN Number	INTERNATIONAL SECURITIES IDENTIFICATION NUMBER.
	This uniquely identifies securities internationally. These numbers are allocated and maintained by the authorized agency of the particular country. The first 2 digits identify the country (ZA for South Africa). The next digit identifies the security i.e. E for Instrument, G for Gilt. The next 8 digits could be numbers and the last digit is a check ISIN digit e.g. ZAE123456784.
Issue Date	The date the Warrant was issued
Issued Amount	The number of listed Warrants.
Issue Price per Share (Cents)	The price per instrument when listed.
JSE General: Official Approval	This is related to the Status of a Corporate Action. The CA must be approved by a Corporate Finance Officer of the JSE as well as Annual General Meetings or Special General Meetings if required, and sanctioned by the courts if required, to have a 'Y' status. If any are outstanding this will have a 'N' status and the event will not proceed until the outstanding issues have been resolved / addressed.
JSE General: Retain History	This is related to whether the Corporate Action will retain the original data related to an Instrument. This value will only be populated for NC and RL Corporate Actions. Values are 'Y' or 'N'.
JSE General: SAFEX	This is related to an indicator of whether the Instrument is related to a Derivative Instrument. Values are 'Y' or 'N'.
Last 4 Quarters Maiden	This indicates whether a maiden dividend has been declared over the past 4 quarters.
Last 4 Quarters Special	This indicates whether a special dividend or other payment has been declared over the past 4 quarters.
Last Date to Register	The date that the investor has to be registered on the share register. (Last date to trade +5)
Last Date Traded DE 06	The date on which an instrument last traded.
Last Deal Traded Price DE 02, WE 02, ME 02	The Last Automatic or Negotiated Trade Price for the Day for every Instrument, excluding non-published trade types and trades that have been cancelled on the same day.
Last Traded Price DE 02, DE 06, CR 01, EA 02	The Last Trade Price for the Day for all instruments. This includes Automatic trades (AT, UT, XT and VT Trades) and NX trades, which have not been cancelled on the same day.
Last Years Maiden	This indicates whether a maiden dividend was declared over the past financial year.
Last Years Special	This indicates whether a special dividend or other payment was declared over the past financial year.

Low Trade Price DE 01, CR 01	The Low Trade Price for the Day, per instrument from the start of the Trading Day up until End of Day. (If only one Trade took place for the Day for the Instrument, the Close, High and the Low Trade Price will be equal. If no trades took place for the Day, the Closing Price will be carried forward from the Last Day the Instrument Traded.). This includes Automatic trades (AT, UT, XT and VT Trades) and NX trades, which have not been cancelled on the same day.
Market Capitalisation of Market DO 01, WO 01, MO 01	The Total Market Capitalisation for every Instrument in a Market on a Trading Day. SUM(Instrument Market Capitalisation for every Instrument in a Market on a Trading Day)
Market Dividend Yield DO 02, WO 02, MO 02	The Dividend Yield for a Market on a Trading Day. SUM(Instrument Listed Shares * Annualised Rolling Dividend per Instrument for all Instruments in Market) / SUM(Market Capitalisation for all Instruments in Market)
Market Earnings Yield DO 02, WO 02, MO 02	The Earnings Yield for a Market on a Trading Day. SUM(Instrument Listed Shares * Annualised Rolling Headline Earnings per Instrument for all Instruments in Market) / SUM(Market Capitalisation for all Instruments in Market)
Market Highest Adjusted Volume Traded WO 03, MO 03	The Highest Adjusted Volume Traded for the Market in a Week across all Trading Day's in a week/month period. SELECT MAX of SUM (Instrument Adjusted Volume Traded) for every Instrument in a Market for every Trading Day in a week/month period.
Market Highest Adjusted Volume Traded Date WO 03, MO 03	The Date on which the Highest Adjusted Volume Traded for the Market in a week/month period across all Trading Day's in a week/month period was attained. SELECT Trade Date for MAX of (SUM Instrument Adjusted Volume Traded) for every Instrument in a Market for every Trading Day in a week/month period.
Market Highest Number of Trades WO 02	The Highest Number of Trades that took place on a Day for a Week/Month period for a Market. SELECT MAX of SUM (Instrument Number Of Trades) for every Instrument in a Market for every Trading Day in a Week/Month period.
Market Highest Number of Trades Date WO 02, MO 02	The Date on which the Highest number of Trades took place on a Day for a Week/Month period for a Market was attained. SELECT Trade Date for MAX of SUM(Instrument Number Of Trades) for every Instrument in a Market for every Trading Day in a Week/Month period.
Market Highest Value Traded WO 03, MO 03	The Highest Value Traded for the Market in a Day across all Trading Day's in a week/month period. SELECT MAX of SUM (Instrument Value Traded) for every Instrument in a Market for every Trading Day in a week/month period.
Market Highest Value Traded Date WO 03, MO 03	The Date on which the Highest Value Traded for the Market in a Day across all Trading Day's in a week/month period was attained. SELECT Trade Date for MAX of SUM (Instrument Value Traded) for every Instrument in a Market for every Trading Day in a week/month period.

Market Lowest Adjusted Volume Traded WO 03, MO 03	The Lowest Adjusted Volume Traded for the Market in a week/month period across all Trading Day's in a week/month period. SELECT MIN of SUM (Instrument Adjusted Volume Traded) for every Instrument in a Market for every Trading Day in a week/month period.
Market Lowest Adjusted Volume Traded Date WO 03, MO 03	The Date on which the Lowest Adjusted Volume Traded for the Market in a week/month period across all Trading Day's in a week/month period was attained. SELECT Trade Date for MIN of SUM(Instrument Adjusted Volume Traded) for every Instrument in a Market for every Trading Day in a week/month period.
Market Lowest Number of Trades WO 02, MO 02	The Lowest Number of Trades that took place on a Day for a Week/Month period for a Market. SELECT MIN of SUM (Instrument Number Of Trades) for every Instrument in a Market for every Trading Day in a Week/Month period.
Market Lowest Number of Trades Date WO 02, MO 02	The Date on which the lowest number of Trades that took place on a Day for a Week/Month period for a Market was attained. SELECT Trade Date for MIN of SUM (Instrument Number Of Trades) for every Instrument in a Market for every Trading Day in a Week/Month period.
Market Lowest Value Traded WO 03, MO 03	The Lowest Value Traded for the Market in a Day across all Trading Day's in a week/month period. SELECT MIN of SUM (Instrument Value Traded) for every Instrument in a Market for every Trading Day in a week/month period.
Market Lowest Value Traded Date WO 03, MO 03	The Date on which the Lowest Value Traded for the Market in a Day across all Trading Day's in a week/month period was attained. SELECT Trade Date for MIN of SUM(Instrument Value Traded) for every Instrument in a Market for every Trading Day in a week/month period.
Market Number of Active Instruments DO 01, WO 01, MO 01	The number of Active Instruments within the Market for a day/week/month period. COUNT DISTINCT (all Instruments in a Market) where number of trades > 0 for a day/week/month period.
Market Number of Instruments DO 01, WO 01, MO 01	The number of Current or Suspended Instruments within the Market for all Trading Days in a Day/Week/Month/Year period. COUNT DISTINCT (Instruments in a Market) that were Current or Suspended for all Trading Days in a Day/Week/Month/Year
Market Number of Instruments Closing Price Down DO 01, WO 01, MO 01	The number of Instruments within the Market, which showed a decrease in the Latest Closing Price compared to the Adjusted Closing Price on the Last Trading Day in the Previous Day/Week/Month/Year. COUNT(DISTINCT Instruments) WHERE Latest Closing Price < Previous Trading Period Adjusted Closing Price for every Instrument in a Market Note: Zero closing prices not included in calculation. Instead use the previous closing price > 0

| Market Number of Instruments Closing Price Up DO 01, WO 01, MO 01 | The number of Instruments within the Market, which showed an increase in the Latest Closing Price compared to the Adjusted Closing Price on the Last Trading Day in the Previous Day/Week/Month/Year.

COUNT(DISTINCT Instruments) WHERE Latest Closing Price > Previous Trading Period Adjusted Closing Price for every Instrument in a Market

Note: Zero closing prices not included in calculation. Instead use the previous closing price > 0 |
|---|---|
| Market Number of Instruments with New High Trade Price DO 01, WO 01, MO 01 | The number of Instruments within the Market, which attained a new High Trade Price during the Day/Week/Month/Year since listing.

COUNT Distinct (Instruments) where the Instrument New High Indicator is TRUE and Instrument New High Trade Price Date = any Trading Day within the Last Day/Week/Month/Year for every Instrument in a Market |
| Market Number of Instruments with New Low Trade Price DO 01, WO 01, MO 01 | The number of Instruments within the Market, which attained a new Low Trade Price during the Day/Week/Month/Year since listing

COUNT Distinct (Instruments) where the Instrument New Low Indicator is TRUE and Instrument New Low Trade Price Date = any Trading Day within the Last Day/Week/Month/Year for every Instrument in a Market |
| Market Number of Trades DO 01, WO 01, MO 01 | The number of Trades that took place for all Instruments in a Market for a Day/Week/Month period.

SUM(Instrument Number Of Trades) for every Instrument in a Market for every Trading Day in a Day/Week/Month period. |
| Market Price Earnings Ratio DO 02, WO 02, MO 02 | The Price Earnings Ratio for the Market on a Trading Day

(1 / Market Earnings Yield) * 100 |
| Market REIT Distribution Yield DO 02, WO 02, MO 02 | The REIT Distribution Yield for a Market on a Trading Day. |
| Market Total Adjusted Volume Traded WO 01, MO 01 | The Total Adjusted Volume Traded for all Instruments in the Market across all Trading Day's in a week/month period.

SUM(Instrument Adjusted Volume Traded) for every Instrument in a Market for every Trading Day in a week/month period. |
| Market Total Value Traded DO 01, WO 01, MO 01 | The Total Value Traded for every Instrument in the Market for all Trading Days in a Day/Week/Month period.

SUM(Instrument Value Traded) for every Instrument in a Market for every Trading Day in a Day/Week/Month period. |
| Market Total Volume Traded (Daily) DO 01 | The Total Volume Traded for all Instruments in the Market for a Trading Day.

SUM(Instrument Volume Traded) for every Instrument in a Market for a Trading Day. |
| Market Trade Type Number of Trades DD 01, DW 01, DM 01 | The number of Trades that took place for a Day/Week/Month period for a Market per Trade Type. |

SUM(Number Of Trades) for every Instrument per Trade Type in a Market for every Trading Day in a Day/Week/Month period.

Market Trade Type Total Adjusted Volume Traded DW 01, DM 01	The Total Adjusted Volume Traded for all Instruments in the Market per Trade Type across all Trading Day's in a week/month period. SUM(Instrument Trade Type Adjusted Volume Traded) for every Instrument in a Market for every Trading Day in a week/month period.
Market Trade Type Total Value Traded DD 01, DW 01, DM 01	The Value Traded for every Instrument in a Market by Trade Type for all Trading Days in a Day/Week/Month period. SUM(Instrument Trade Type Value Traded) for every Instrument per Trade Type in a Market for every Trading Day in a Day/Week/Month period.
Market Trade Type Total Volume Traded (Daily) DD 01	The Volume Traded for every Instrument in a Market by Trade Type for a Trading Day. SUM(Instrument Trade Type Volume Traded) for every Instrument per Trade Type in a Market for a Trading Day
Moving 12 Month High Trade Price DE 02	The Highest Adjusted Trade Price for an instrument over the past 12 Months. MAX (Adjusted High Trade Price) for every Instrument for the last 12 months. This includes Automatic trades (AT, UT, XT and VT Trades) and NX trades, which have not been cancelled on the same day.
Moving 12 Month High Trade Price Date DE 02	The Trade Date on which the Highest Adjusted Trade price for an instrument over the past 12 Months was attained. This includes Automatic trades (AT, UT, XT and VT Trades) and NX trades, which have not been cancelled on the same day.
Moving 12 Month Low Trade Price DE 02	The Lowest Adjusted Trade price for an instrument over the past 12 Months. MIN (Adjusted Low Trade Price) for every Instrument for the last 12 months This includes Automatic trades (AT, UT, XT and VT Trades) and NX trades, which have not been cancelled on the same day.
Moving 12 Month Low Trade Price Date DE 02	The Trade Date on which the Lowest Adjusted Trade price for an instrument over the past 12 Months was attained. SELECT Trade Date for MIN (Adjusted Low Trade Price) for every Instrument for the last 12 months This includes Automatic trades (AT, UT, XT and VT Trades) and NX trades, which have not been cancelled on the same day.
New Shares to be Listed	The total number of instruments issued this event. This number may be negative if the event in question causes the number of instruments to be reduced, e.g. Redemption, Final conversion.
Next Expected Declaration Date	The date a company is expected to declare its next dividend. The Next Expected Declaration Date will be calculated as follows: For Payment Types: Dividend, Interest Payment and Capital Payments the Dividend Frequency is added to the LDT of the last payment that was made. For example, if the dividend frequency of an instrument is Semi Annually, 6 months will be added to the LDT. Where the last dividend was paid a long time ago and the Next Expected Declaration Date calculates to a date in the past, the Next Expected Declaration Date will be NULL. Where the Next Expected Declaration Date is

calculated and falls on a Non Business Day, the Previous Business Day will be selected. If no payments have been made (new Company) the Next Expected Declaration Date will be NULL.

Notes: Notes	This represents the Notes field saved to the Corporate Action. It contains any pertinent information not already on the Corporate Actions schedule, e.g. Reasons for suspensions / termination
Number of Shares one will receive	The number of instruments a shareholder will receive by virtue of the number of instruments already held.
Number of Days Instrument Traded WE 02, ME 02, EA 02	The number of Days an Instrument traded during the week/month/year, excluding non-published trade types.
Number of Days Market Traded WO 02, MO 02	The number of Days on which a Market traded during the week/month period, excluding non-published trade types.
Number of Days Sector Traded WS 02, MS 02, SA 03	The number of days on which a Sector traded during the week/month/year period, excluding non-published trade types and trades that have been cancelled on the same day. Applicable to all instruments in a sector for all trading days in a week/monthly/year period.
Number of Shares one has (have)	The minimum number of instruments a shareholder must own to receive the number of new instruments given in the no of shares one will receive field. For example: Have: 2 Receive: 3 For every 2 instruments currently held, 3 instruments will be issued.
Occurrence Number per Day of Events	Since more than one event may take place for an Instrument on one day, the events are numbered to indicate the sequence in which they will take place.
Opening Trade Price DE 02, CR 01	The First Trade Price of an Instrument as at the start of business on the specified Day (If only one Trade took place for the Day for the Instrument, the First, Close, High and the Low Trade Price will be equal. If no trades took place for the Day, the Closing Price will be carried forward from the Last Day the Instrument Traded.) I.e the first trade price for Automatic trades (AT, UT, XT and VT Trades) and NX trades, which have not been cancelled on the same day.
Option 1: AND / OR? Default?	This represents the Link Operator that will be used to indicate whether the payment offers money AND shares, or money OR shares.
Option 1: Gross rate in cents per share	This represents the payment amount, including withholding tax, expected from a share with regard to the Corporate Actions in which the Shareholder has the right to receive a payment e.g. CD (Cash Dividend) or CP (Capital Payment)
Option 1: NETT Rate in cents per share	This represents the payment amount, excluding withholding tax and foreign tax, expected from a share with regard to the Corporate Actions in which the Shareholder has the right to receive a payment e.g. CD (Cash Dividend). * This value does not take into account any tax exemptions or double taxation agreements.

Option 1: Ratio: Resultant Portion	The Source to Resultant ratio (S:R) is the ratio in which scrip will be received. E.g. S:R = 1:2 means the shareholder will get 2 new shares for every 1 held.
Option 1: Ratio: Source Portion	The Source to Resultant ratio (S:R) is the ratio in which scrip will be received. E.g. S:R = 1:2 means the shareholder will get 2 new shares for every 1 held.
Option 2: AND / OR? Default?	This represents the Link Operator that will be used to indicate whether the payment offers money AND shares, or money OR shares.
Option 2: Gross rate in cents per share	This represents the payment amount, including withholding tax, expected from a share with regard to the Corporate Actions in which the Shareholder has options with regard to payment (E.g. Scheme Of Arrangements, Scrip Dividends)
Option 2: NETT Rate in cents per share	This represents the payment amount, excluding withholding tax and foreign tax, expected from a share with regard to the Corporate Actions in which the Shareholder has options with regard to payment (E.g. Scrip Dividends (SC)) *This value does not take into account any tax exemptions or double taxation agreements
Option 2: Ratio: Resultant Portion	The Source to Resultant ratio (S:R) is the ratio in which scrip will be received. E.g. S:R = 1:2 means the shareholder will get 2 new shares for every 1 held.
Option 2: Ratio: Source Portion	The Source to Resultant ratio (S:R) is the ratio in which scrip will be received. E.g. S:R = 1:2 means the shareholder will get 2 new shares for every 1 held.
Original Trade Code	The Trade code of the original trade. This will only be populated for cancellations of trades.
Par Value per Share (Cents)	The Value at which the instruments were first issued.
Parent Sector	This is the master code of the sector under which a particular sector falls.
Payment Classification	The high level payment type into which Corporate Action payment types are combined for statistical purposes.

DIV	Dividend	This category combines Cash Dividends (CD) and Script Dividends (SC)
CAPPAY	Capital Payment	This category combines Capital Repayments (CP) and Capital Reductions (CR)
INTPAY	Interest Payment	Interest payments made by a company. Corporate Action Type 'IT'
SPECDIV	Special Dividend	Special dividends paid by a company. Corporate Action Type 'IS'
OTHER	Other Payments	This is a historical type and will not be used going forward
REITS	REITS Distribution	Payment made by a REITS Company

Payment Date	The date on which a company will pay out any funds as a result of a capital structure change.

Payments Specific: Dividend Number	This represents the number given to a Dividend Payment within a Corporate Action.
Payments Specific: Dividend Type	This represents the type of Divided Payment related to a Corporate Action. Values are 'Interim' / 'Final' / 'Special'.
Percentage Closing Price Change	The closing price variation of the period quoted, as a percentage.
DE 01, DT 01, DT 02, DR 01, WE 01, WT 01, WT 02, ME 01, MT 01, MT 02, EA 01, AT 01, AT 02	(((Latest Closing Price for last trading day in current day/week/month/year/12 Months – Adjusted Closing price for last trading day in previous day/week/month/year * 100) / Adjusted Closing price for last trading day in previous day/week/month/year/12 Months) for every instrument
	Note: Zero closing prices not included in calculation. Instead use the previous closing price > 0
Previous Corresponding Dividend	The dividend payment that was declared in the corresponding quarter of the previous financial year.
Previous Days Closing Price	The previous business day's Instrument Closing Price
Previous Instrument High Trade Price	The Previous Highest Trade Price for an Instrument since date of listing.
NH 01	Compare current day's high trade price to the latest adjusted new high trade price since listing. If current day's high trade price > latest adjusted new high trade price since listing then set previoushightradeprice = existing new high trade price else set previoushightradeprice = existing previous high trade price
Previous Instrument Low Trade Price	The Previous Lowest Trade Price for an Instrument since date of listing.
NL 01	Compare current day's low trade price to the latest adjusted new low trade price since listing. If current day's high trade price > latest adjusted new low trade price since listing then set previouslowtradeprice = existing new low trade price else set previouslowtradeprice = existing previous low trade price
Price Earnings Ratio DE 02, WE 01, ME 01, EA 01	The number of Years worth of Earnings it will take to recoup the purchase price per Instrument
	(Closing Price / Annualised Rolling Headline Earnings per Instrument) per Instrument
	Note: Zero closing prices not included in calculation. Instead use the previous closing price > 0
Price Prior to Listing	The price quoted in cents at which the instruments were available to the public prior to listing.
Processing: Barrier / Stop Loss Levels	This represents the Barrier / Stop Loss Level for a Corporate Action. This value is blank for all Instruments that are not warrants.
	The Barrier Level is the level of the underlying that, if reached, will result in the warrant automatically terminating with a zero value.
	Similar to a barrier with respect to warrants, except there is a usually a redeemable portion payable to warrant holders on termination of a warrant.

Processing: Buy Price Odd Lot Offer	This represents the Buy Price offered within Odd Lot Offers for an OL Corporate Action. It is the price at which the Issuer will repurchase the Odd Lot holding from the Shareholder.
Processing: Current Instruments In Issue	This represents the Listed Instruments in issue for the Source Instrument. For an IC Corporate Action this value will represent the current total number of Authorised Instruments.
Processing: Excess Indicator	This represents the Excess Indicator for a Corporate Action. It is an indicator to inform the shareholder whether or not excess shares are available in a rights offer that has not been underwritten.
Processing: Instruments In Issue Add / Withdrawn	This represents the number of Instruments to change for the Source Instrument. For an IC Corporate Action this value will represent the change in Authorised Instruments.
Processing: Issue Indicator	This represents the Issue Indicator for a Corporate Action. It indicates whether any minimum qualifying quantities are in cash or number of shares.
Processing: Issue Price In Cents Per Share	This represents the Issue Price for a share recorded within a Corporate Action (e.g. event types MB, MW, AS, GI, SI etc.)
Processing: Maximum Qualifying Quantity	This represents the Maximum Qualifying Quantity for a Corporate Action (the maximum qualifying number of shares or cash amount required to participate in the entitlement).
Processing: Minimum Qualifying Quantity	This represents the Minimum Qualifying Quantity for a Corporate Action (the minimum qualifying number of shares or cash amount required to participate in the entitlement).
Processing: New Total Instruments In Issue	This represents the Listed Instrument value related to the Source Instrument after the Corporate Action has been processed. For an IC Corporate Action this value will represent the new total Authorised Instruments.
Processing: Offer Indicator	This represents the Offer Indicator for a Corporate Action. It indicates if the new listing is done by means of a private placement, IPO, both.
Processing: Sell Price Odd Lot Offer	This represents the Sell Price offered within Odd Lot Offers for an OL Corporate Action. It is the price at which the Issuer will sell the Odd Lot holding to the Shareholder
Processing: Strike Price Cents Per Share	This represents the Strike Price for a Corporate Action (the price at which you can purchase the underlying). This value is only applicable to Warrants and will be blank for all other Instruments.
Record Date	The latest date shares can be lodged for registration to enable the shareholder to qualify for an entitlement.
Resultant Instrument: Alpha Code	This represents the Alpha Code of the Resultant Instrument The Alpha Code is a unique JSE Identification trading code of instruments on the JSE.
Resultant Instrument: Board	This represents the Board of the Resultant Instrument for the Corporate Action. E.g. Main, AltX, VCM and DCM
Resultant Instrument: Dual Listed	This is an indicator which represents whether the instrument is listed on more then one exchange. Options are 'Y' or blank

Resultant Instrument: Instrument Long Name	This represents the Long Name of the Resultant Instrument.
Resultant Instrument: Instrument Type	This represents the Instrument Type of the Resultant Instrument. E.g. Ordinary, Preference Shares, Debenture, etc.
Resultant Instrument: ISIN	This represents the ISIN number of the Resultant Instrument for the Corporate Action. This number can change during the lifetime of an instrument e.g. when the instrument undergoes a Name Change (NC Event type)
Resultant Instrument: LSE TIDM	This represents the TIDM of the Resultant Instrument. The TIDM is a unique London Stock Exchange identifier for the instrument.
Resultant Instrument: Short Name	This represents the Short Name of the Resultant Instrument.
Resultant Instrument: Sub Sector	This represents the Industry Sub Sector Code of the Resultant Instrument as determined by the ICB classification.
Salient Date: Declaration Date	This represents the Declaration Date for the relevant Corporate Action (The date when the event was initially entered into the system).
Salient Date: Election / Offer Close Date	This represents the Offer Close Date for the relevant Corporate Action. This is the last day to elect to receive an option.
Salient Date: EX Date	This represents the EX Date for the relevant Corporate Action. This is on the next working day after LDT – the shareholder no longer qualifies to receive the entitlement, if his entitlement has been sold.
Salient Date: Issue Date	This represents the Issue Date for the relevant Corporate Action (The date when resultant shares are issued to the shareholders).
Salient Date: LDT	This is the last date that trading can take place in the source instrument and the holder is still entitled to participate in the corporate action.
Salient Date: Listing / Reinstatement Date	This represents the Listing Date or Reinstatement Date (Suspension Lifted) for the relevant Corporate Action.
Salient Date: Offer Opens Date	This represents the Offer Opening Date for the relevant Corporate Action.
Salient Date: Pay Date	This represents the Pay Date for the relevant Corporate Action (The date when cash is paid to shareholders for any form of payment e.g. dividend, capital distribution or offer).
Salient Date: Record Date	This represents the Record Date for the relevant Corporate Action (The day that the registers of the Transfer Secretary are updated).
Salient Date: Record Last Updated	This represents the Process Date Time stamp of the last time the relevant Corporate Action was updated.
Salient Date: Shareholder's Meeting If Applicable	This represents the Shareholder Meeting Date for the relevant Corporate Action if applicable.
Salient Date: Suspension Date	This represents the Suspension Date for the relevant Corporate Action. The shares of the company cannot be traded while it is suspended.

Salient Date: Termination / Withdrawal Date / Expiry Date	This represents the Termination Date for the relevant Corporate Action.
Sector Adjusted Trade Type Volume Traded WL 01, ML 01	The Adjusted Volume Traded for every Instrument in a Sector by Trade Type for a week/month period.
	SUM(Adjusted Instrument Trade Type Volume Traded) for every Instrument per Trade Type in a Sector for a week/month period.
Sector Adjusted Volume Traded WS 02, MS 02, SA 02	The Adjusted Volume Traded for every Instrument in a Sector for every Trading Day in a Week/Month/Year period.
	SUM (Instrument Adjusted Volume Traded) for every Instrument in a Sector for every Trading Day in a Week/Month/Year period.
Sector Afrikaans Name	The full Afrikaans description of the sector
Sector Afrikaans Short Name	The abbreviated version of the Afrikaans sector name
Sector Average Dividend DS03	The Sector Average Dividend.
	SUM (Annualised Rolling Dividends per Instrument) / Number of Instruments in Sector
Sector Average Earnings DS 03, MS 03	The Sector Average Earnings.
	SUM (Annualised Rolling Headline Earnings per Instrument) / Number of Instruments in Sector
Sector Average Instrument Annualised Rolling Adjusted Dividend WS 02, MS 02, SA 03	Sector Average Dividends per Instrument.
	SUM (Annualised Rolling Dividends per Instrument) for all Instruments in Sector / Number of Instruments in Sector
Sector Average Instrument Annualised Rolling Adjusted Headline Earnings WS 02, SA03	Sector Average Annualised Rolling Headline Earnings per instrument.
	SUM (Annualised Rolling Headline Earnings per Instrument) for all Instruments in a Sector / Number of Instruments in a Sector
Sector average Instrument Annualised Rolling Adjusted REIT Distribution SA 03	SUM (Annualised Rolling REIT Distribution per Instrument) for all Instruments in Sector / Number of Instruments in Sector
Sector Average REIT Distribution DS/DSE 02	The Sector Average REIT Distribution
Sector Average Price Earnings Ratio DS 02, WS 02, MS 02, SA 03	The Average Price Earnings Ratio for a Sector on a Trading Day
	((1 / Sector Earnings Yield) * 100) / Number of Instruments in the Sector

Sector Code	All instruments in the market are grouped into sectors, according to the type of business they represent
Sector Dividend Yield DS 02, WS 02, MS 03, SA 03	The Dividend Yield for a Sector on a Trading Day SUM ((Annualised Rolling Dividends per Instrument) * Instrument Listed Shares) / SUM (Market Capitalisation) for every Instrument
Sector Dividend Yield a Week Ago WS 04	The daily dividend yield a week ago
Sector REIT Distribution Yield a Week ago WS 04	The daily REIT Distribution Yield a week ago
Sector Dividend Yield a Year Ago WS 04	The daily dividend yield a year ago
Sector REIT Distribution Yield a year ago WS 04	The daily REIT Distribution Yield a year ago
Sector Earnings Yield DS 02, WS 02, MS 03, SA 03	The Earnings Yield for a Sector on a Trading Day SUM ((Annualised Rolling Headline Earnings per Instrument) * Instrument Listed Shares) / SUM (Market Capitalisation) for every Instrument in the Sector
Sector Earnings Yield a Week Ago WS 04	The daily earnings yield a week ago
Sector Earnings Yield a Year Ago WS 04	The daily earnings yield a year ago
Sector Market Capitalisation DS 02, WS 01, MS 01, SA 01	The Total Market Capitalisation for all Instruments within a Sector on a Trading Day. SUM (Instrument Market Capitalisation for all Instruments in a Sector)
Sector Name	The full description of the sector
Sector Number of Active Instruments DS01, WS 01, MS 01, SA 01	The number of Active Instruments within the Sector for all Trading Days in a Day/Week/Month/Year. COUNT DISTINCT (all Instruments in a Sector) where number of trades > 0 all Trading Days in a Day/Week/Month/Year period.
Sector Number of Active Instruments (Previous Day) DS 06	The number of Active Instruments within the Sector for the previous Trading Day.
Sector Number of Instruments	The number of Current or Suspended Instruments within the Sector for all Trading Days in a Day/Week/Month/Year period.

DS 01, WS 01, MS 04, SA 01	COUNT DISTINCT (Instruments in a Sector) that were Current or Suspended for all Trading Days in a Day/Week/Month/Year period.
Sector Number of Instruments (Previous Day) DS 06	The number of instruments that were current or suspended for all instruments in the sector on the previous Trading Day
Sector Number of Instruments Closing Price Down DS 01, WS 02, MS 02, SA 02	The number of Instruments within the Sector, which showed a decrease in the Latest Closing Price compared to the Adjusted Closing Price on the Last Trading Day in the Previous Day/Week/Month/Year. COUNT(DISTINCT Instruments) WHERE Latest Closing Price < Previous Trading Period Adjusted Closing Price for every Instrument in a Sector Note: Zero closing prices not included in calculation. Instead use the previous closing price > 0
Sector Number of Instruments Closing Price Down (Previous Day) DS 06	The number of Instruments Closing Price Down within the Sector for the previous Trading Day.
Sector Number of Instruments Closing Price Up DS 01, WS 02, MS 02, SA 02	The number of Instruments within the Sector, which showed an increase in the Latest Closing Price compared to the Adjusted Closing Price on the Last Trading Day in the Previous Day/Week/Month/Year. COUNT(DISTINCT Instruments) WHERE Latest Closing Price > Previous Trading Period Adjusted Closing Price for every Instrument in a Sector Note: Zero closing prices not included in calculation. Instead use the previous closing price > 0
Sector Number of Instruments Closing Price Up (Previous Day) DS 06	The number of Instruments Closing Price Up within the Sector for the previous Trading Day.
Sector Number of Instruments with New High Trade Price DS 02, WS 02, MS 02, SA 02	The number of Instruments within the Sector, which attained a new High Trade Price during the Day/Week/Month/Year since listing. COUNT Distinct (Instruments) where the Instrument New High Indicator is TRUE and Instrument New High Trade Price Date = any Trading Day within the Last Day/Week/Month/Year for every Instrument in a Sector
Sector Number of Instruments with New Low Trade Price DS 02, WS 02, MS 02, SA 02	The number of Instruments within the Sector, which attained a new Low Trade Price during the Day/Week/Month/Year since listing COUNT Distinct (Instruments) where the Instrument New Low Indicator is TRUE and Instrument New Low Trade Price Date = any Trading Day within the Last Day/Week/Month/Year for every Instrument in a Sector

Sector Number of Trades DS 01, WS 02, MS 02, SA 03	The number of Trades that took place for a Day/Week/Month/Year period for a Sector. SUM(Instrument Number Of Trades) for every Instrument in a Sector for every Trading Day in a Day/Week/Month/Year
Sector Number of Trades (Previous Day) DS 06	The number of Trades that took place for the Sector for the previous Trading Day.
Sector REIT Distribution Yield DS/DSE 02, SA 03, WS 03, MS 03	SUM(Annualised Rolling REITS Distribution per Instrument in the sector * Instrument listed shares) / SUM (Market Capitalisation) for every instrument in the sector
Sector Sequence Number	This is the sequence number of the sector, and indicates the printing sequence of the sector in
Sector Short Name	The abbreviated version of the sector name
Sector Status	The status of the sector on the specified date. Values are:

C	Current
F	Future
H	Historical

Sector Total Annualised Rolling Adjusted Dividend WS 01, MS 01, SA 01	Total Annualised Rolling Dividends per Instrument for a Sector. SUM(Annualised Rolling Dividends per Instrument) for all Instruments in a Sector
Sector Total Annualised Rolling Adjusted Headline Earnings MS 01, SA 01	Total Annualised Rolling Headline Earnings per Instrument for all Instruments in a Sector. SUM(Annualised Rolling Headline Earnings per Instrument) for all Instruments in a Sector
Sector Total Annualised Rolling Adjusted REIT Distribution SA 01, WS 01, MS 01	Total Annualised Rolling REIT Distribution for a Sector
Sector Total Dividend DS 03, WS 01, MS 04, SA 01	The Sector Total Dividend SUM(Annualised Rolling Dividends per Instrument) for all Instruments in Sector
Sector Total Earning DS 03, WS 03, MS 04, SA 01	The Sector Total Earnings SUM(Annualised Rolling Headline Earnings per Instrument) for all Instruments in Sector
Sector Total REIT Distribution DS/DSE 03, SA 01, WS 01, MS 04	The sector Total Dividend

Sector Total Value traded (Previous Day) DS 06	The total value of instruments traded on the previous business day.
Sector Total Volume Traded (Previous Day) DS 06	The total volume of instruments traded on the previous business day.
Sector Trade Type Number of Trades DL 01, WL 01, ML 01	The number of Trades that took place for a Day/Week/Month period for a Sector per Trade Type. SUM(Number Of Trades) for every Instrument per Trade Type in a Sector for every Trading Day in a Day/Week/Month period.
Sector Trade Type Value Traded DL 01, WL 01, ML 01	The Value Traded for every Instrument in a Sector by Trade Type for all Trading Days in a Day/Week/Month period. SUM(Instrument Trade Type Value Traded) for every Instrument per Trade Type in a Sector for every Trading Day in a Day/Week/Month period.
Sector Trade Type Volume Traded (Daily) DL 01	The Volume Traded for every Instrument in a Sector by Trade Type for a Trading Day. SUM(Instrument Trade Type Volume Traded) for every Instrument per Trade Type in a Sector for a Trading Day
Sector Value a Year Ago WS 04	The total daily value for a sector 12 months back from the current day
Sector Value Traded DS 02, WS 02, MS 02, SA 02	The Value Traded for every Instrument in a Sector for all Trading Days in a Day/Week/Month/Year period. SUM(Instrument Value Traded) for every Instrument in a Sector for every Trading Day in a Day/Week/Month/Year period.
Sector Volume Traded (Daily) DS 02	The Volume Traded for every Instrument in a Sector for the Trading Day SUM(Instrument Volume Traded) for every Instrument in a Sector for the Trading Day.
Seller Price WE 01, ME 01, EA 01	The latest cash offer to sell a share for the week/month/year (same as Last Best Offer)
Sequencing: CA Serial Number	This reflects the CA Serial Number of the Corporate Action. It is a unique number that identifies a specific Corporate Action.
Sequencing: Link ID 1	This reflects the CA Serial number of another Corporate Action which the relevant CA is related to (blank if not applicable)
Sequencing: Link ID 2	This reflects the CA Serial number of another Corporate Action which the relevant CA is related to (blank if not applicable)
Sequencing: Link ID 3	This reflects the CA Serial number of another Corporate Action which the relevant CA is related to (blank if not applicable)
Sequencing: Link ID 4	This reflects the CA Serial number of another Corporate Action which the relevant CA is related to (blank if not applicable)

Sequencing: Link ID 5	This reflects the CA Serial number of another Corporate Action which the relevant CA is related to (blank if not applicable)
Sequencing: Link ID 6	This reflects the CA Serial number of another Corporate Action which the relevant CA is related to (blank if not applicable)
Sequencing: Link ID 7	This reflects the CA Serial number of another Corporate Action which the relevant CA is related to (blank if not applicable)
Sequencing: Link ID 8	This reflects the CA Serial number of another Corporate Action which the relevant CA is related to (blank if not applicable)
Sequencing: Link ID 9	This reflects the CA Serial number of another Corporate Action which the relevant CA is related to (blank if not applicable)
Sequencing: Link ID 10	This reflects the CA Serial number of another Corporate Action which the relevant CA is related to (blank if not applicable)
Sequencing: Relationship	This reflects a description of the Relationship between the relevant Corporate Actions which will be displayed as a string of text that shows the brackets with AND/OR operators in each Corporate Action that is affected in the sequence.
Sequencing	This reflects the Sequence Number of the Corporate Action
Share price type (% or C)	This indicates if the price format for an instrument is a percentage or cents. Values are: • % - Percentage • C - Cents
Source Instrument	Instrument that corporate actions are based on and to which entitlements are due.
Source Instrument: Alpha Code	This represents the Alpha Code of the Source Instrument. The Alpha Code is a unique JSE Identification trading code of instruments on the JSE..
Source Instrument: Board	This represents the Board of the Source Instrument. E.g. Main, AltX, VCM and DCM.
Source Instrument: Dual Listed	This is an indicator which represents whether the instrument is listed on more than one exchange. Options are 'Y' or blank
Source Instrument: Instrument Long Name	This represents the Long Name of the Source Instrument.
Source Instrument: Instrument Type	This represents the Instrument Type of the Source Instrument. E.g. Ordinary, Preference Share, Debenture, etc.
Source Instrument: ISIN	This represents the ISIN (International Securities Identification Number) of the Source Instrument for the Corporate Action. This number can change during the lifetime of an instrument e.g. when the instrument undergoes a Name Change (NC Event type)
Source Instrument: Issuer Name	This represents the Issuer Name of the Source Instrument.

| Source Instrument: LSE TIDM | This represents the TIDM of the Source Instrument. The TIDM is a unique London Stock Exchange identifier for the instrument. |

Source Instrument: LSE TIDM — This represents the TIDM of the Source Instrument. The TIDM is a unique London Stock Exchange identifier for the instrument.

Source Instrument: Short Name — This represents the Short Name of the Source Instrument.

Source Instrument: Sub Sector — This represents the Industry Sub Sector Code of the Source Instrument as determined by the ICB classification.

Source Instrument: Warrant Type — This represents the Warrant Type of the Source Instrument if the instrument is a Warrant. This will be a null value if the Instrument is not a Warrant. Values are AC (American Call), AP (American Put), EC (European Call), EP (European Put), AX (American Combined), EX (European Combined) and OT (Other).

Statistics Date CR 01, CR 02 — The date of the Statistics that are being corrected.

Status Info — The information / cautionary flag's pertaining to the status change.

The valid cautionary flag codes used in the status info field are given in the table below:

Flag	Descriptions
DI	Disclaimed annual audit opinion, i.e. auditors have not expressed an opinion on the financial statements of the company. This cautionary flag on a share will last one year.
PD	Green Tag. Declared Dividend still to be paid, i.e. the shares are trading cum dividend. This cautionary flag will last until LDR date.
CY	Orange Triangle. Caution in dealing in shares, i.e. negotiations are taking place. This cautionary flag will last from two weeks to two years.
QA	Qualified annual audit opinion, i.e. auditors have expressed an opinion on the financial statements of the company, with exceptions. This cautionary flag will last one year.
RC	Red Circle. Immediate settlement, i.e. deals done in shares that have an entitlement expiring that week will be settled within the same week. This cautionary flag will last one week.
RV	Red 'S'. Company violation of the JSE rules, for example a company has not submitted its provisional or final financial reports, and is warned of suspension. This cautionary flag will last from one day to two weeks.
TA	Red Star. Tax application, e.g. Namibia. Where a foreign tax for an entitlement is other than 15%

SV	Yellow Star. Low spread of shares, i.e. shares are held by very few shareholders and do not trade often. This cautionary flag will last until the situation changes.

STC Credits per Share	Amount of STC credits applicable to the payment, in cents per share
Strike Price	Is the price payable by the warrant holder in respect of each warrant on exercise of the warrant
TIDM	Tradable Instrument Display Mnemonic
Time Snapshot was Taken	The time at which the snapshot was taken in the format HHMM.
Total Capital Issued (Rands)	The total Rand value of the capital issued during the most recent issue.
Total Capital Raised (Rands)	The total Rand value of the capital raised through an event.
Total for Current Financial Year	Depending on the declaration type this field will contain either: - The total of any Adjusted Headline Earnings that was declared for the current Financial Year. OR - The total of any Dividends that was declared for the current Financial Year OR - The total of any Interest Payments that was declared for the current Financial Year OR - The total of any Capital Payments that was declared for the current Financial Year OR - The total of any Special Payments that was declared for the current Financial Year
Total Instrument Annualised Rolling Adjusted Dividend - Previous Financial Year WE03	The Total Adjusted Dividend per Instrument that was declared within the previous Financial Year. SUM (Adjusted Dividend per Instrument) where declaration is within the previous Financial Year.
Total Number of Instrument Listed Shares In Market DO 02, WO 02, MO 02	The Total Number of Instrument Listed Shares currently available for trading in the Market. SUM(Instrument Listed Shares for all Instruments in the Market)
Total Number of Shares DE 03, EA 03	The total number of Instrument listed shares currently available for trading in the Market.
Total Sector Closing Price DS 03, WS 01, MS 04, SA 03	The accumulated Closing Prices of all the Instruments within the Sector. SUM(Closing Price) of all Instruments in a Sector

Note: Zero closing prices not included in calculation. Instead use the previous closing price > 0

Treated as Domestic
This field indicates whether an instrument is treated as a domestic instrument for the purpose of exchange control, even though it is an inward listed instrument. It will be Yes or No for inward listed instruments, or blank for all other instruments.

Tradability Indicator (Alpha)
Valid codes are:

L	Liquid	More frequently traded shares
I	Illiquid	Less Frequently traded shares

Tradability Indicator (Numeric)
Valid codes are:

1	Highly liquid
2	Normally Liquid
3	Illiquid

Trade Price
The price of the Trade

Trade Type
This indicates the type of trade which has occurred.

Deal / Trade Name	Deal / Trade Type	Description
Automated Trade*	AT	A transaction matched automatically in the JSE trading system during continuous trading.
Auction Trade*	UT	A transaction matched automatically in the JSE trading system during price determination in an auction.
New Trade–Cross Trade	XT	A transaction matched automatically in the JSE trading system during continuous trading as the result of a central order book cross order. See Volume 00 Trading and Information Overview for further details related to this trade type.
New Trade - Volume Auction Trade	VT	A transaction matched automatically in the JSE trading system during price determination of the End of Day volume auction. See Volume 00 Trading and Information Overview for further details related to this trade type
Corporate Finance Trade	CF	A transaction which: ·
		- must be entered into in writing;
		- requires public notification in the press; and ·
		- complies with the requirements of transaction categories 1 or 2 or 3 of Section 9 of the Listing Requirements of the JSE.

Portfolio Trade	PF	A transaction where a broking member (instrument) trades as an agent in a portfolio.
Block Trade	BT	A transaction where a broking member (instrument) trades as an agent in a single security where the transaction: ·
		- Has a minimum Value of R5 million; and ·
		- Comprises at least 100% of the average daily Value
Asset Swap	AS	A transaction which complies with all the asset swap requirements of the South African Reserve Bank. Although allowed by the JSE trading system Reserve Bank regulation currently prohibits the use of this trade type completely.
Off Order Book Principal Trade	OP	A transaction where a broking member (instrument) trades as a principal in a single security where the transaction: ·
		- has a minimum Value of R500,000; and ·
		- Comprises at least six times the normal market size (NMS);
		Except where the transaction is with a foreign professional market participant in which case no minimum Value or quantity of securities applies.
		This trade type replaces both the arbitrage and overseas counterparty trades used previously.
		Delayed publication rules no longer apply to this particular trade type.
Late Trade	LT	A transaction where a broking member (instrument) trades after hours with a professional market participant, as agent or principal, in fulfilment of: - ·
		- an order already entered into the JSE trading system which reflects a reasonable price at which a client wishes to trade; ·
		- an order received prior to the end of the closing auction call period, the price of which could only be established after the closing auction call period; or
		- an order received after hours.
Contra Trade*	CT	A transaction that is equal and opposite to a previously matched automated or auction trade that is entered on the same day as the original trade. Both parties to the trade are involved and will have to flag the trade as "CT" which will then be matched by the system.
Post Contra Trade	PC	A transaction that is equal and opposite to a previously matched automated or auction trade that is entered on the day following the original trade.

Option Exercised	OX	The exercise of an option (an option being an option on a security, traded on the JSE). Trade is dual-sided except if conducted intrafirm. **Not included in End of Day Equity Market Statistics**
Warrant Exercised	WX	The exercise of a warrant (a warrant as defined in the Listings Requirements of the JSE). Trade is dual-sided except if conducted intrafirm. **Not included in End of Day Equity Market Statistics**
Traded Option Exercised	TX	An option on a security traded on the JSE. Trade is dual-sided except if conducted intrafirm. **Not included in End of Day Equity Market Statistics**
Namibia Trade+	NX	A transaction specifically for the NSX market
Option Delta	OD	Option Delta exercised **Not included in End of Day Equity Market Statistics**
Give-up Trade	GU	A give-up trade is a transaction where a member trades in a single equity security as a principal with another member, who trades either as an agent on behalf of a client or as a principal for that member's own account. The purpose of a give-up trade is to pass a trade that has been executed by the first member ("executing member") on the same day or the previous day to the second member ("receiving member") at the price of the original trade. The trade that is given up to the receiving member must have originally been executed by the executing member with the intention of giving it up to the receiving member.
		The only reported transactions that may be the subject of a give-up trade are late trades executed in accordance with the provisions of rules 6.40.7.1, 6.40.7.3 or 6.40.7.4. The executing member and receiving member may give effect to these late trades by means of the executing member trading after hours with a foreign professional market participant and giving up that trade to the receiving member who is either acting on behalf of a client in terms of rules 6.40.7.1 or 6.40.7.3 or trading as a principal for its own account in terms of rule 6.40.7.4. The executing member must report the transaction with the foreign professional market participant as a late trade.
		A give-up trade may be used to give effect to an arrangement whereby one member

			has outsourced its trading function on a temporary basis to another member, provided that such arrangement has been approved by the Director: Surveillance and all such transactions are recorded in a dedicated stock account by the executing member. **Not included in End of Day Equity Market Statistics**
Bookbuild Trade	BK		A book build trade is a transaction where a member trades in a single equity security as an agent or a principal with another member in order for the second member or its clients to participate in a bookbuild. The member managing the bookbuild must advise the Director: Surveillance of the bookbuild prior to reporting a bookbuild trade.
Post Contra (Published Trades)	LC		Correction of previous day's published off book trade
Post Contra (Non-Published Trades)	NC		Correction of previous day's non-published off book trade. **Not included in End of Day Equity Market Statistics**
Book Over Trade	BO		

Trade Volume   The volume of the Trade

Traded Indicator   This indicates if an instrument traded on the specified day.

                        Values are:
                        • Y - Yes
                        • N – No

Transfer Secretary   The code used to identify a specific transfer secretary
Code

Underlying Security   The alpha code for the instrument, company, bond, index or commodity, over which the warrant is issued.

Warrant Issuer   The code of the issuer that issues the warrant

Warrant Style   American: Holder of warrant can exercise on any date up to expiry date

                        European: Holder of warrant can only exercise on the exercise date on the expiry date

Withholding Tax   The percentage of local tax deducted for South African shareholders
Percentage

8   DIVIDEND & EARNINGS KEY

KEY	DESCRIPTION
DDPS	Declared Dividend per share, as Declared and provided by the listed company
DHEPS	Declared Headline Earnings per share, as Declared and provided by the listed company.
ARDPS	Annualised Rolling Adjusted Dividend per share, for the last 4 quarters, as calculated by the JSE in terms of the new philosophy and methodology.
ARHEPS	Annualised Rolling Adjusted Headline Earnings per share , for the last 4 quarters, as calculated by the JSE in terms of the new philosophy and methodology.
CP	Official Closing price per share of the JSE.
Num_shares	Current JSE number of shares in issue (i.e. before applying the free float factor)
Num_instruments_Sector	The number of listed instruments in a particular Sector (as defined by the ICB Classification System)

* = Values as at previous trading day

8.1   DIVIDENDS AND EARNINGS METHODOLOGY

The calculation of adjusted figures will be triggered automatically by the following conditions:

- When the number of shares in issue changes for a share, all Adjusted figures prior to the date in question will be adjusted accordingly. This can happen both as result of an online change in Number of Shares in Issue, or via a Corporate Action, which may result in a changing number of shares in the market. The trigger should not be the Corporate Action, but rather that the generic fact of number of shares in the market has changed.

- When an Actual Declared figure is altered or that re-stated by the company, any associated calculations using such a figure must clearly be re-calculated.

The sequence for processing the data will be Adjusted figures first, Rolling and then finally Annualised figures, if required. The actual declared data will be used to calculate the adjusted data, which will be used to calculate the Rolling data, and then used to calculate the Annualised data. Annualisation must only occur by month when required, and not daily as is the current situation.

The JSE does realise that according SA GAAP, HEPS are calculated using a Weighted Average Number of Shares for the period in question. The methodology chosen does not take this into account for the following reasons:

- It is used to determine a ratio for adjusting the declared figures to calculate a meaningful Rolling figure.

- By choosing to use actual shares listed on a particular date, we are using published data. Average Weighted Shares in issue are usually limited to parties who receive company's financial reports.

8.2 DIVIDENDS

8.2.1 Adjusted dividend Per Share

Since the calculation is the same for Dividends, Interest, Special Dividends, Capital Repayments and REIT Distribution, an example is shown below, on how to calculate each of these types :

> **ADPS = DDPS x PSII / CSII**
>
> Where:
>
> ADPS = Adjusted Dividend Per Share.
>
> DDPS = Declared Dividend Per Share.
>
> PSII   = # of Shares in Issue at the time of <u>LDT+1</u> of the Actual Dividend.
>
> CSII   = Current / adjusted # of Shares in issue.

8.2.2 Rolling Figures (Last 4 Quarters Performance)

A rolling Dividend figure can be calculated by simply adding the ADPS figures for the past four quarters.

> **RDPS = Σ(ADPS for all declared during Last 4 Quarters where a quarter may not always = 3 months)**
>
> Where:
>
> RDPS   = Rolling Adjusted Dividends per share
>
> 4 Quarters.

8.2.3 Annualisation

Annualisation will only occur under three possible instances and must be triggered automatically:

1) It is a new listing and the company has not yet declared a full years figures. These figures are annualised to provide a more accurate reflection of the company's initial performance.

2) The company changes its financial year-end resulting in a non-standard Financial year which is not = 12 months long. Distorted HEPS and PPS figures for such a non-standard year-end period will result unless annualised. These are brought back in line to the standard of one financial year.

3) The company makes a non-standard declaration due to a specific corporate action from which they wish to protect or limit existing shareholders' entitlements.

Should a company declare pre-listing Figures, we must be able to capture this, as if it was a normal financial year, i.e. no annualisation is required. Once actual figures are released for the company as a listed entity, these figures will take precedence over any pre-listing figures.

All declarations are for historical periods, thus we only need to annualise when the 'sum of the number of months of the last 4 quarters' corresponding to the latest declared figures does not equal twelve months. Calculate the period / months that the particular declaration was actually for. For this we need to capture the end date of that particular financial period. Subtract the latest period end date from the previous to calculate the number of months. Sum these for the periods up to but excluding the previous equivalent declaration, e.g. from Q1 to next Q1. If this total is not equal to 12 months then annualise.

This annualised figure is simply calculated by taking the rolling Dividends per share (RDPS), multiplying it by 12 (months in a year) and dividing it by the number of months that make up the last 4 quarters.

> **ARDPS = RDPS x 12 / No. Months**
>
> Where:
>
> RDPS   = Rolling Adjusted Dividend Per Share.
>
> ARDPS   = Annualised Rolling Adjusted Dividend Per Share
>
> 12   = Months in the year.
>
> No. Months = Number of months in the financial reporting period due to change of Financial year end OR new Months expired.

This ARDPS figure is used in all downstream calculations including EY and PE calculations. If no Annualisation is required then the **ARDPS = RDPS**.

8.3 HEADLINE EARNINGS PER SHARE

8.3.1 Adjusted Headline Earnings Per Share

HEPS that are adjusted for changes in Number of Shares in the Market (not the Financial Market terminology of "Adjusted Headline Earnings") will be calculated as follows:

> **AHEPS = DHEPS x PSII / CSII**
>
> Where:
>
> AHEPS = Adjusted Headline Earnings Per Share. (As per the JSE's internal calculations, not as per the financial statements
>
> DHEPS = Declared Headline Earnings Per Share.
>
> PSII   = # of Shares in Issue at the time of the <u>Year End / Interim Period End Date</u> of the Actual HEPS.
>
> CSII   = Current / adjusted # of Shares in issue.

Note: Obviously, should any of the above variables change, re-calculations are required (e.g. Changes in year-end).

8.3.2 Rolling Figures (Last 4 Quarters Performance)

The difference comes in how we treat the **Final** declared HEPS. This figure is for the whole year and is thus **inclusive** of all interim HEPS for that financial year. The system will capture and store the data as final HEPS.

As long as there are no new interim HEPS declarations, then this final figure will be used for all HEPS calculations. This figure will be adjusted and annualised as required.

The difficulty arrives in calculating the rolling HEPS figure when the latest declaration is not the Final declaration for the financial year. This function of calculating rolling HEPS will be totally automatic and will be based on the actual data captured, as well as any inferred "missing periods".

It will be necessary to calculate an **Inferred Actual HEPS (IHEPS) Value** for the period between the last Interim HEPS declaration and the Final HEPS declaration, i.e. what were the inferred actual HEPS for the last period in the financial year (or any "missing" period that should fall within the Last 4 quarters).

To calculate this figure, all **Interim** AHEPS figures prior to the latest Final declaration, will be subtracted from the **Final** declared HEPS figure, for the financial year in question. This figure must then be used as the 4th quarter figure in the calculations below.

IHEPS = FHEPS - Σ(AHEPS)

Where:

IHEPS = Inferred Actual HEPS in 4th Quarter

FHEPS = Implied Actual Earnings per share

ΣAHEPS = Sum of AHEPS for the First 3 Quarters of the financial year, excluding Final figure.

RHEPS = Σ(AHEPS for all declared during Last 4 Quarters where a quarter may not always = 3 months)

Where:

RHEPS = Rolling Adjusted Earnings per share

ΣAHEPS = Sum of AHEPS for the Last 4 quarters, excluding Final figure.

The correct Rolling HEPS can now be calculated by simply adding the adjusted AHEPS for the latest 4 consecutive periods (using the inferred figure instead of the Final. When the latest declaration is not the Final declaration for the financial year, the following calculation would apply:

8.3.3 Annualisation

Annualisation will only occur under three possible instances and must be triggered automatically:

1) It is a new listing and the company has not yet declared a full year's figures. These figures are annualised to provide a more accurate reflection of the company's initial performance.

2) The company changes its financial year-end resulting in a non-standard Financial year, which is not equal to 12 months long. Distorted HEPS and PPS figures for such a non-standard year-end period will result, unless annualised. These are brought back in line to the standard of one financial year.

3) The company makes a non-standard declaration due to a specific corporate action from which they wish to protect or limit existing shareholders' entitlements.

Should a company declare pre-listing Figures, we must be able to capture this, as if it was a normal financial year, i.e. no annualisation is required. Once actual figures are released for the company as a listed entity, these figures will take precedence over any pre-listing figures.

All declarations are for historical periods, thus we only need to annualise when the 'sum of the number of months of the last 4 quarters' corresponding to the latest declared figures does not equal twelve months. Calculate the period / months that the particular declaration was actually for. For this we need to capture the end date of that particular financial period. Subtract the latest period end date from the previous to calculate the number of months. Sum these for the periods up to but excluding the previous equivalent declaration, e.g. from Q1 to next Q1. If this total is not equal to 12 months then annualise.

This annualised figure is calculated by taking the rolling HEPS per share (RHEPS), multiplying it by 12 (months in a year) and dividing it by the number of months that make up the last 4 quarters.

ARHEPS = RHEPS x 12 / No. Months

Where:

RHEPS   = Rolling Adjusted Earnings Per Share.

ARHEPS   = Annualised Rolling Adjusted Earnings Per Share

12   = Months in the year.

No. Months = Number of months in the financial reporting period due to change of Financial year end OR new Months expired

This ARHEPS figure is used in all downstream calculations. If no Annualisation is required then **ARHEPS = RHEPS**.

When a company changes it's reporting period, e.g. from bi-annual to quarterly or vice-versa, then this could also result in skewed data due to the fact that you are adding data together from different reporting periods. Under such circumstances the previous year's reporting period / periods will be apportioned accordingly to "match" the reporting periods / period in the New Year. For example a previous half-yearly figure would be split into two equal quarterly figures and each one superseded by the next year's reported quarterly figures. Two previous year's quarterly figures will be added to correspond with the new year's half-yearly data. When this happens all adjusted figures must be updated accordingly. This applies to HEPS only.

8.4   OTHER CURRENCY DECLARATIONS:

When a company declares figures in a currency other than South African Rands and Cents, the following rules are applied in order of priority.

1) The company is asked to supply a ZAR figure for both HEPS and payments. This is what happens in the majority of cases.

2) The company must alternatively supply an Average Exchange rate for the year. It is essential for the company to provide a weighted average exchange rate for HEPS, as the JSE cannot determine when the Revenue flows occurred that resulted in the declared HEPS.

3) If no suitable exchange rate is given then the Average Exchange rate for the relevant financial period as published by an official foreign exchange source.

This policy is not going to change going forward.

9 EXPLANATION OF THE INDEX TREATMENT FOR SPECIFIC CORPORATE ACTIONS (DUMMY LINES IN DATA RECORDS)

FTSE Russell Rules regarding the use of Dummy Lines in Indices:

9.1. Dummy lines are non-tradable instruments which have been temporarily created by FTSE/JSE in order to reflect a corporate event.

9.2. The use of dummy lines is normally determined on an ad hoc basis and typically results from complexities surrounding a corporate event.

9.3. Dummy lines will also be visible within the standard corporate action deliverables when they are being utilized.

9.4. Dummy lines are generally used in order to ensure the index reflects the investor experience or in order to facilitate index replication by index funds.

9.5. Details of the non-tradeable instrument will be included in a special manner in the **Instrument Version Information** data records (EN/ENE Subtypes 01 and 02).

9.6. An ISIN will be generated to contain the word 'DUMMY' in order to distinguish it from other securities.

N.B. Please refer to FTSE Russell Corporate Actions and Events Guide for Market Capitalisation Weighted Indexes on this link: Click Here

10 LEADING RECORD LAYOUT

FIELD NAME	START POS	LENGTH	END POS
Sector code	1	4 (T)	4
Instrument alpha code	5	6 (T)	10
Record type	11	3 (T)	13
Sub type	14	2 (T)	15
Continuation sequence number	16	2	17
Run date	18	8	25
Board	26	4 (T)	29
Market	30	4 (T)	33
Exchange	34	4 (T)	37
Filler	38	2	39
Data (layouts below)	40	2027	2066

FIELD NAME	START POS	LENGHTH	DATA TYPE	NUMERIC FORMATS	END POS
Sector Code	1	8			8
Instrument Alpha Code	9	6			14
Record Type	15	3			17
Sub Type	18	2			19
Continuation Sequence Number	20	2	N	2	21
Run Date	22	8	DATE	8	29
Board	30	4			33
Market	34	4			37
Exchange	38	4			41
Data (Layouts Below)	42	2			43

FIELD DESCRIPTIONS:

SECTOR CODE	All instruments in the market are grouped into sectors, according to the type of business they represent.
INSTRUMENT ALPHA CODE	All instruments traded on the market are identified by a unique alpha code.
RECORD TYPE	The code indicating the type of information contained in the record disseminated - eg: DE.
SUB TYPE	The Sub Type related to a particular record type - e.g. Sub Type 01.
CONTINUATION SEQUENCE	The sequence number used to join together certain record types, where more than one record exists per record type.
RUN DATE	DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD
BOARD	The board the instrument/sector is linked to
MARKET	The market the instrument/sector is linked to.

EXCHANGE   The exchange the instrument/sector is linked to.

FILLER   ~~Spaces or blank~~

DATA (LAYOUTS BELOW)   The relevant record type(s) requested by the user will be given.

NOTE: Should a company be de-listed an INSTRUMENT ALPHA CODE may be re-used at a later stage, but an INSTRUMENT NUMERIC CODE will never be re-used, therefore, we recommend that programming be done according to the INSTRUMENT NUMERIC CODE.

11 END OF DAY EQUITY DATA PRODUCTS (RECORDS) - DAILY

11.1 Daily Instrument Statistics

Daily Instrument statistics are calculated at the close of each business day for all instruments on the market. A traded indicator is used to show which instruments traded on a specified day.

All daily Instrument statistics fall within record type DE - Daily Instrument. The statistics are grouped into various sub types, which allows you to select the type of information you require. The different sub types and the relevant field layouts are listed.

Note: For the initial take-on of all listed instruments, select record type DE 05.

11.1.1 **Record Type DE/DEE Sub Type 01**

FIELD NAME	START POS	LENGTH SHARE PRICE TYPES:		END POS
		CENTS	%	
Instrument Numeric Code	40	7		46
Traded Indicator	47	1 (T)		47
Instrument Closing Price	48	9	7.2	56
Instrument Volume Traded	57	13		69
High Trade Price	70	9	7.2	78
Low Trade Price	79	9	7.2	87
Instrument Dividend yield	88	7 (3.4)	5.2	94
Instrument Earnings yield	95	8 (4.4)	6.2	102
Instrument Last Bid	103	9		111
Instrument Last Offer	112	9		120
Closing Price Change in Cents	121	9		129
Percentage Closing Price Change	130	7 (5.2)		136
Instrument Gain/Loss Indicator	137	1 (T)		137
Share Price Type (% or C)	138	1 (T)		138
Index Constituent	139	1 (T)		139
Instrument Status	140	1 (T)		140
Instrument Type Code	141	10 (T)		150
Earnings Yield Sign	151	1 (T)		151
Interest Payment Yield	152	7 (3.4)	5.2	158
Capital Payment Yield	159	7 (3.4)	5.2	165
Instrument REIT Distribution Yield	166	7 (3.4)		172

FIELD NAME	START POS	LENGHTH	DATA TYPE	END POS
Instrument Numeric Code	42	7	N	48
Traded Indicator	49	1		49
Instrument Closing Price	50	9	N	58
Instrument Volume Traded	59	13	N	71
High Trade Price	72	9	N	80
Low Trade Price	81	9	N	89
Instrument Dividend Yield	90	7	N	96

Instrument Earnings Yield	97	8	N	104
Instrument Last Bid	105	9	N	113
Instrument Last Offer	114	9	N	122
Closing Price Change In Cents	123	9	N	131
Percentage Closing Price Change	132	7	N	138
Instrument Gain/Loss Indicator	139	1		139
Share Price Type (% or C)	140	1		140
Index Constituent	141	1		141
Instrument Status	142	1		142
Instrument Type Code	143	10		152
Earnings Yield Sign	153	1		153
Interest Payment Yield	154	7	N	160
Capital Payment Yield	161	7	N	167
Instrument REIT Distribution Yield	168	7	N	174

FIELD DESCRIPTIONS:

INSTRUMENT NUMERIC CODE	All instruments traded on the market are identified by a unique numeric code.
TRADED INDICATOR	This indicates if an instrument traded on the specified day.
INSTRUMENT CLOSING PRICE	The instrument closing price as calculated by the Trading Engine.
INSTRUMENT VOLUME TRADED	The volume traded for every Instrument on a trading day
HIGH TRADE PRICE	The highest trade price for the day.
LOW TRADE PRICE	The low trade price for the day.
INSTRUMENT DIVIDEND YIELD	The annualised rolling dividends per instrument divided by the closing price, per Instrument.
INSTRUMENT EARNINGS YIELD	The percentage of the purchase price that will be recouped in earnings per year per Instrument.
INSTRUMENT LAST BEST BID	The Last Best Bid is determined by the Best Bid published at the same time that the first Closing Price is published for the day.
INSTRUMENT LAST BEST OFFER	The Last Best Offer is determined by the Best Offer published at the same time that the first Closing Price is published for the day.
CLOSING PRICE CHANGE IN CENTS	The closing price variation of the instrument for the period quoted in cents.
PERCENTAGE CLOSING PRICE CHANGE	The closing price variation for the period quoted, as a percentage.
INSTRUMENT GAIN/LOSS INDICATOR	This indicated if there was a closing price gain or loss for the day for every Instrument
SHARE PRICE TYPE (% OR C)	This indicates if the price format for the instrument is a percentage or cents. If the price format is a % the record lengths for the closing price, high trade price, low trade price, dividend yield and earning yield changes will differ as per the layout.
INDEX CONSTITUENT	This indicates if the specified instrument is an index constituent.
INSTRUMENT STATUS	This indicates the current status of the instrument.
INSTRUMENT TYPE CODE	This indicates the type of instrument.
EARNINGS YIELD SIGN	Sign indicating the yield value e.g. 'N' for negative value and 'P' for positive value
INTEREST PAYMENT YIELD	The annualised rolling interest payments divided by the closing price, per Instrument. This is similar to

the dividend yield but only includes interest payments.

CAPITAL PAYMENT YIELD

The annualised rolling capital payments divided by the closing price, per Instrument. This is similar to the dividend yield but only includes capital payments.

INSTRUMENT REIT DISTRIBUTION YIELD

The annualised rolling REIT distributions per instrument, divided by the closing price, per instrument

11.1.2 Record Type DE/DEE Sub Type 02

FIELD NAME	START POS	LENGTH	END POS
Instrument Numeric Code	40	7	46
Instrument Value Traded	47	11	57
Price Earnings Ratio	58	11 (7.4)	68
Last Traded Price	69	9	77
Instrument Number of Trades	78	7	84
Last Deal Traded Price	85	9	93
Opening Trade Price	94	9	102
*Moving 12 Month High Trade Price	103	9	111
*Moving 12 Month High Trade Price Date	112	8	119
*Moving 12 Month Low Trade Price	120	9	128
*Moving 12 Month Low Trade Price Date	129	8	136
Filler	137	1 (T)	137
Ex Dividend Indicator	138	1 (T)	138
Dividend Yield Indicator	139	1 (T)	139
Tradability Indicator (Alpha)	140	1 (T)	140
Tradability Indicator (Numeric)	141	1	141
Price Earnings Ratio Sign	142	1	142
Instrument Value Traded 2 (With Decimals)	143	13 (11.2)	155

FIELD NAME	START POS	LENGHTH	DATA TYPE	END POS
Instrument Numeric Code	42	7	N	48
Instrument ValueTraded	49	11	N	59
Price Earnings Ratio	60	11	N	70
Last Traded Price	71	9	N	79
Instrument Number Of Trades	80	7	N	86
Last Deal Traded Price	87	9	N	95
Opening Trade Price	96	9	N	104
*Moving 12 Month High Trade Price	105	9	N	113
*Moving 12 Month High Trade Price Date	114	8	DATE	121
*Moving 12 Month Low Trade Price	122	9	N	130
*Moving 12 Month Low Trade Price Date	131	8	DATE	138
Filler	139	1	-	139
Ex-Dividend Indicator	140	1	-	140
Dividend Yield Indicator	141	1	-	141
Tradability Indicator (Alpha)	142	1	-	142
Tradability Indicator (Numeric)	143	1	N	143
Price Earnings Ratio Sign	144	1	-	144
Instrument Value Traded	145	13	N	157

FIELD DESCRIPTIONS:

* = VALUES AS AT PREVIOUS TRADING DAY

INSTRUMENT NUMERIC CODE

All instruments traded on the market are identified by a unique numeric code.

INSTRUMENT VALUE TRADED

The Value Traded for every Instrument on a Trading Day.

PRICE EARNINGS RATIO	The number of years' worth of Earnings it will take to recoup the purchase price per Instrument.
LAST TRADED PRICE	The Last Automatic Trade Price for the Day.
INSTRUMENT NUMBER OF TRADES	The number of Trades for every Instrument for a Trading Day.
LAST DEAL TRADED PRICE	The Last Automatic or Negotiated Trade Price for the Day for every Instrument.
OPENING TRADE PRICE	The first Automatic Trade Price of an Instrument as at the start of business on the specified Day.
*MOVING 12 MONTH HIGH TRADE PRICE	The highest adjusted trade price for an instrument over the past 12 months.
*MOVING 12 MONTH HIGH TRADE PRICE DATE	The date on which the highest adjusted trade price for an instrument over the 12 months was attained.
*MOVING 12 MONTH LOW TRADE PRICE	The lowest adjusted trade price for an instrument over the past 12 months.
*MOVING 12 MONTH LOW TRADE PRICE DATE	The date on which the lowest adjusted trade price for an instrument over the 12 months was attained.
FILLER	This field is reserved for future usage.
EX DIVIDEND INDICATOR	This indicates if an instrument is currently trading 'ex dividend', i.e. the seller and not the purchaser is entitled to receive the dividend.
DIVIDEND YIELD INDICATOR	This field will indicates an '&' (ampersand), if the dividend yield has been affected by the fact that a dividend has been declared.

TRADABILITY INDICATOR (ALPHA) Valid codes is:

L	Liquid	More frequently traded shares
I	Illiquid	Less Frequently traded shares

TRADABILITY INDICATOR (NUMERIC) Valid codes is:

1	Highly liquid
2	Normally Liquid
3	Illiquid

PRICE EARNINGS RATIO SIGN	Sign indicating the PE Ratio of an instrument. e.g. 'N' for negative and 'P' for positive.
INSTRUMENT VALUE TRADED 2 (With Decimals)	The Value Traded for every Instrument on a Trading Day. This field is the same as "INSTRUMENT VALUE TRADED) but includes decimals.

Record Type DE/DEE Sub Type 03

FIELD NAME	START POS	LENGTH	END POS
~~Instrument numeric code~~	~~40~~	~~7~~	~~46~~
~~Instrument Market capitalisation~~	~~47~~	~~14~~	~~60~~
~~Instrument Annualised rolling adjusted dividend cover~~	~~61~~	~~7 (3.4)~~	~~67~~
~~Instrument new high indicator~~	~~68~~	~~1 (T)~~	~~68~~
~~Instrument new low indicator~~	~~69~~	~~1 (T)~~	~~69~~
~~*Instrument average Value Traded 12 months~~	~~70~~	~~13~~	~~82~~
~~*Average number of days instrument traded 12 months~~	~~83~~	~~9 (1.8)~~	~~91~~
~~*Instrument adjusted average volume traded 12 months~~	~~92~~	~~13~~	~~104~~
~~Closing price a year ago~~	~~105~~	~~9~~	~~113~~
~~Closing price three months ago~~	~~114~~	~~9~~	~~122~~
~~Total number of shares~~	~~123~~	~~15~~	~~137~~
~~Dividend cover sign~~	~~138~~	~~1 (T)~~	~~138~~

FIELD NAME	START POS	LENGHTH	DATA TYPE	END POS
Instrument Numeric Code	42	7	N	48
Instrument Market Capitilisation	49	14	N	62
Instrument Annualised Rolling Adjusted Dividend Cover	63	7	N	69
Instrument New High Indicator	70	1		70
Instrument New Low Indicator	71	1		71
*Instrument Adjusted Average Value Traded 12 Months	72	13	N	84
*Average Number Of Days Instrument Traded 12 Months	85	9	N	93
*Instrument Adjusted Average Volume Traded 12 Months	94	13	N	106
Closing Price A Year Ago	107	9	N	115
Closing Price Three Months Ago	116	9	N	124
Total Number Of Shares	125	15	N	139
Dividend Cover Sign	140	1		140

FIELD DESCRIPTIONS:

* = VALUE S AS AT PREVIOUS TRADING DAY

INSTRUMENT NUMERIC CODE	All instruments traded on the market are identified by a unique numeric code.
INSTRUMENT MARKET CAPITALISATION	The Instrument's number of listed shares in the market, multiplied by its Closing Price.
INSTRUMENT ANNUALISED ROLLING ADJUSTED DIVIDEND COVER	The Annualised Rolling Headline Earnings per Instrument Divided by the Annualised Rolling Dividends per Instrument

INSTRUMENT NEW HIGH INDICATOR	This indicates if an Instrument has attained a new High Trade Price on the specified Day since listing.
INSTRUMENT NEW LOW INDICATOR	This indicates if an Instrument has attained a new Low Trade Price on the specified Day since listing.
*INSTRUMENT AVERAGE VALUE TRADED –12 MONTHS	The Average Value Traded for every Instrument for every Trading Day for the past 12 Months.
*AVERAGE NUMBER OF DAYS INSTRUMENT TRADED 12 MONTHS	The Average number of Days an Instrument traded for the last 12 months.
*INSTRUMENT ADJUSTED AVERAGE VOLUME TRADED 12 MONTHS	The average adjusted volume for an instrument over the last 12 months.
CLOSING PRICE A YEAR AGO	The adjusted closing price a year ago.
CLOSING PRICE 3 MONTHS AGO	The adjusted closing price three months ago.
TOTAL NUMBER OF SHARES	The total number of Instrument listed shares currently available for trading in the Market.
DIVIDEND COVER SIGN	Sign indicating the Value of earnings per instrument for the past 12 months divided by the dividend per instrument for the past 12 months. 'N' for negative Value and 'PO' for positive Value

Note: Headings marked with an asterisk (*) indicate the amount quoted is as at the previous business day.

11.1.4   **Record Type DE/DEE Sub Type 04**

FIELD NAME	START POS	LENGTH	END POS
~~Instrument numeric code~~	~~40~~	~~7~~	~~46~~
~~*Instrument Moving 12 month High Price Earnings ratio*~~	~~47~~	~~9 (5.4)~~	~~55~~
~~*Instrument Moving 12 month Low Price/earnings ratio~~	~~56~~	~~9 (5.4)~~	~~64~~
~~*Instrument highest dividend yield 12 months~~	~~65~~	~~7 (3.4)~~	~~71~~
~~*Instrument lowest dividend yield 12 months~~	~~72~~	~~7 (3.4)~~	~~78~~
~~*Instrument highest earnings yield 12 months~~	~~79~~	~~9 (5.4)~~	~~87~~
~~*Instrument lowest earnings yield 12 months~~	~~88~~	~~9 (5.4)~~	~~96~~
~~*Instrument 12 month high dividend cover *~~	~~97~~	~~7 (3.4)~~	~~103~~
~~*Instrument 12 month low dividend cover *~~	~~104~~	~~7 (3.4)~~	~~110~~
~~Moving 12 month high p/e ratio sign~~	~~111~~	~~1 (T)~~	~~111~~
~~Moving 12 month low p/e ratio sign~~	~~112~~	~~1 (T)~~	~~112~~
~~12 month high earnings yield sign~~	~~113~~	~~1 (T)~~	~~113~~
~~12 month low earnings yield sign~~	~~114~~	~~1 (T)~~	~~114~~
~~12 month high dividend cover sign~~	~~115~~	~~1 (T)~~	~~115~~
~~12 month low dividend cover sign~~	~~116~~	~~1 (T)~~	~~116~~
~~*Instrument highest REIT Distribution yield 12 months~~	~~117~~	~~7 (3.4)~~	~~123~~
~~*Instrument lowest REIT Distribution yield 12 months~~	~~124~~	~~7 (3.4)~~	~~130~~

FIELD NAME	START POS	LENGHTH	DATA TYPE	END POS
Instrument Numeric Code	42	7	N	48
*Instrument Moving 12 Month High Price Earnings Ratio	49	9	N	57
*Instrument Moving 12 Month Low Price Earnings Ratio	58	9	N	66
*Instrument Highest Dividend Yield 12 Months	67	7	N	73
*Instrument Lowest Dividend Yield 12 Months	74	7	N	80
*Instrument Highest Earnings Yield 12 Months	81	9	N	89
*Instrument Lowest Earnings Yield 12 Months	90	9	N	98
Instrument 12 Month High Dividend Cover	99	7	N	105
Instrument 12 Month Low Dividend Cover	106	7	N	112
Moving 12 month high p/e ratio sign	113	1		113
Moving 12 Month Pow P/E Ratio Sign	114	1		114
12 Month High Earnings Yield Sign	115	1		115
12 Month Low Earnings Yield Sign	116	1		116
12 Month High Dividend Cover Sign	117	1		117
12 Month Low Dividend Cover Sign	118	1		118
*Instrument Highest REIT Distribution Yield 12 Months	119	7	N	125
*Instrument Lowest REIT Distribution Yield 12 Months	126	7	N	132

FIELD DESCRIPTIONS:

* = VALUES AS AT PREVIOUS TRADING DAY

INSTRUMENT NUMERIC CODE	All instruments traded on the market are identified by a unique numeric code.
*INSTRUMENT MOVING 12 MONTH HIGH PRICE EARNINGS RATIO	The Highest Price Earnings Ratio over a 12 Month period for every Instrument.
*INSTRUMENT MOVING 12 MONTH LOW PRICE EARNINGS RATIO	The Lowest Price Earnings Ratio for a 12 Month period for every Iinstrument.
*INSTRUMENT HIGHEST DIVIDEND YIELD 12 MONTHS	The Highest Dividend Yield for an Instrument over a 12 Month period.
*INSTRUMENT LOWEST DIVIDEND YIELD 12 MONTHS	The Lowest Dividend Yield for an Instrument over a 12 Month period.
*INSTRUMENT HIGHEST EARNINGS YIELD 12 MONTHS	The Highest Earnings Yield for an Instrument for the past 12 Months.
*INSTRUMENT LOWEST EARNINGS YIELD 12 MONTHS	The Lowest Earnings Yield for an Instrument over the past 12 Months
*INSTRUMENT 12 MONTH HIGH DIVIDEND COVER	The Highest Dividend Cover for an Instrument over a 12 Month period.
*INSTRUMENT 12 MONTH LOW DIVIDEND COVER	The Lowest Dividend Cover for an Instrument over a 12 Month period.
MOVING 12 MONTH HIGH P/E RATIO SIGN	Value sign for P/E ratio e.g. 'N' for negative Value and 'P' for positive Value.
MOVING 12 MONTH LOW P/E RATIO SIGN	Value sign for P/E ratio e.g. 'N' for negative Value and 'P' for positive Value
12 MONTH HIGH EARNINGS YIELD SIGN	Value sign for high earnings yield e.g. 'N' for negative value and 'P' for positive Value
12 MONTH LOW EARNINGS YIELD SIGN	Value sign for low earnings yield e.g. 'N' for negative value and 'P' for positive Value
12 MONTH HIGH DIVIDEND COVER SIGN	Value sign for high dividend yield e.g. 'N' for negative value and 'P' for positive t Value.
12 MONTH LOW DIVIDEND COVER SIGN	Value sign for low dividend yield e.g. 'N' for negative value and 'P' for positive Value
*INSTRUMENT HIGHEST REIT DISTRIBUTION YIELD 12 MONTHS	The highest REIT Distribution Yield for an Instrument over a 12 month period.
*INSTRUMENT LOWEST REIT DISTRIBUTION YIELD 12 MONTHS	The lowest REIT Distribution Yield for an Instrument over a 12 month period.

11.1.5 Record Type DE/DEE Sub Type 05

~~FIELD NAME~~	~~START POS~~	~~LENGTH~~	~~END POS~~
~~Instrument numeric code~~	~~40~~	~~7~~	~~46~~
~~Instrument short name~~	~~47~~	~~15 (T)~~	~~61~~
~~Company name~~	~~62~~	~~55 (T)~~	~~116~~
~~Instrument report name~~	~~117~~	~~24 (T)~~	~~140~~
~~Sector code~~	~~141~~	~~4 (T)~~	~~144~~
~~TIDM~~	~~145~~	~~4 (T)~~	~~148~~
~~Foreign Status Code~~	~~149~~	~~1 (T)~~	~~149~~
~~Treated as Domestic~~	~~150~~	~~1 (T)~~	~~150~~

FIELD NAME	START POS	LENGHTH	DATA TYPE	END POS
Instrument Numeric Code	42	7	N	48
Instrument Short Name	49	15	-	63
Company Name	64	55	-	118
Instrument Report Name	119	24	-	142
Sector Code	143	8	-	150
TIDM	151	4	-	154
Foreign Status Code	155	1	-	155
Treated As Domestic	156	1	-	156

FIELD DESCRIPTIONS:

INSTRUMENT NUMERIC CODE	All instruments traded on the market are identified by a unique numeric code.
INSTRUMENT SHORT NAME	The abbreviated version of the instrument name.
COMPANY NAME	The full name of the issuing company of the instrument.
INSTRUMENT REPORT NAME	The version of the instrument name used on reports and online facilities.
SECTOR CODE	Instruments grouped according to the type of business they represent.
TIDM	Tradable Instrument Display Mnemonic
FOREIGN STATUS CODE	This field will be populated if an instrument is classified as 'Foreign Inward Listed' or 'African Inward Listed' by the South African Reserve Bank. It will be blank for all other instruments.

Code	Description
A	African Inward Listed
F	Foreign Inward Listed, excluding Africa
	Blank

TREATED AS DOMESTIC

This field indicates whether an instrument is treated as a domestic instrument for the purpose of exchange control, even though it is an Inward Listed instrument. It will be Y for Yes or N for No for Inward Listed Instruments, or blank for all other instruments.

NOTE:

If you subscribe to record DE 05, we advise you also subscribe to record DE 07 to receive complete data.

11.1.6 **Record Type DE/DEE Sub Type 06**

FIELD NAME	START POS	LENGTH	END POS
~~Instrument numeric code~~	~~40~~	~~7~~	~~46~~
~~Last traded price~~	~~47~~	~~9~~	~~55~~
~~Last date traded~~	~~56~~	~~8~~	~~63~~
~~Instrument Adjusted Overactive Volume traded indicator~~	~~64~~	~~1 (T)~~	~~64~~
~~Instrument Overactive volume traded~~	~~65~~	~~13 (9.4)~~	~~77~~
~~Instrument Volume Density Value~~	~~78~~	~~13 (9.4)~~	~~90~~

FIELD NAME	START POS	LENGHTH	DATA TYPE	END POS
Instrument Numeric Code	42	7	N	48
Last Traded Price	49	9	N	57
Last Date Traded	58	8	DATE	65
Instrument Adjusted Overactive Volume Traded Indicator	66	1		66
Instrument Adjusted Overactive Volume Traded Indicator	67	13	N	79
Instrument Volume Density Value	80	13	N	92

FIELD DESCRIPTIONS:

INSTRUMENT NUMERIC CODE — All instruments traded on the market are identified by a unique numeric code.

LAST TRADED PRICE — The last Automatic Trade Price for the Day.

LAST DATE TRADED — The date on which the instrument last traded.

INSTRUMENT ADJUSTED OVERACTIVE VOLUME TRADED INDICATOR — This indicates if the Volume of Instruments Traded on a Trading Day is more than 50% Higher than the 10 Trading Day Moving Average.

INSTRUMENT OVERACTIVE VOLUME TRADED — The Volume Traded on a Trading Day divided by the average Adjusted Volume Traded over the last 10 Trading Days.

INSTRUMENT VOLUME DENSITY VALUE — Highest percentage of instrument listed shares traded in a Day

11.1.7 Record Type DE/DEE Sub Type 07

FIELD NAME	START POS	LENGTH	END POS
~~Instrument numeric code~~	~~40~~	~~7~~	~~46~~
~~Instrument short name~~	~~47~~	~~15 (T)~~	~~61~~
~~Company name~~	~~62~~	~~55 (T)~~	~~116~~
~~ISIN~~	~~117~~	~~12 (T)~~	~~128~~
~~Company numeric code~~	~~129~~	~~4~~	~~132~~
~~Company Registration Number~~	~~133~~	~~20~~	~~152~~
~~Company Income Tax Number~~	~~153~~	~~15~~	~~167~~

FIELD NAME	START POS	LENGHTH	DATA TYPE	END POS
Instrument Numeric Code	42	7	N	48
Instrument Short Name	49	15	-	63
Company Name	64	55	-	118
ISIN	119	12	-	130
Company Numeric Code	131	4	N	134
Company Registration Number	135	20	-	154
Company Income Tax Number	155	15	-	169

FIELD DESCRIPTIONS:

INSTRUMENT NUMERIC CODE	All instruments traded on the market are identified by a unique numeric code.
INSTRUMENT SHORT NAME	The abbreviated version of the instrument name.
COMPANY NAME	The full name of the issuing company of the instrument.
ISIN	I The ISIN (International Securities Identification Number) uniquely identifies all Active and Suspended securities internationally.
COMPANY NUMERIC CODE	Each company is assigned a unique number, to which their Instrument is linked. A company can, under certain circumstances, list different instruments under multiple business relationships (roles) with the JSE. In this situation, the company will have more than one numeric code linked to the different instruments.
COMPANY REGISTRATION NUMBER	Company Registration Number of the issuer.
COMPANY INCOME TAX NUMBER	Tax Number of the issuer.

11.2 Daily Sector Statistics

All instruments traded on the market are grouped according to the type of business they represent.

The statistics for each sector are calculated at the close of business each day.

All daily sector statistics fall within record type DS. The statistics are grouped into various sub types, which allows you to select the type of information you require. The different sub types and the relevant field layouts are listed.

11.2.1 Record Type DS/DSE Sub Type 01

~~FIELD NAME~~	~~START POS~~	~~LENGTH~~	~~END POS~~
~~Sector code~~	~~40~~	~~4 (T)~~	~~43~~
~~Sector Number of Instruments closing price up~~	~~44~~	~~9~~	~~52~~
~~Sector Number of Instruments closing price down~~	~~53~~	~~9~~	~~61~~
~~Sector Number of active instruments~~	~~62~~	~~9~~	~~70~~
~~Sector Number of trades~~	~~71~~	~~9~~	~~79~~
~~Sector Number of instruments~~	~~80~~	~~5~~	~~84~~

FIELD NAME	START POS	LENGHTH	DATA TYPE	END POS
Sector Code	42	8		49
Sector Number Of Instruments Closing Price Up	50	9	N	58
Sector Number Of Instruments Closing Price Down	59	9	N	67
Sector Number Of Active Instruments	68	9	N	76
Sector Number Of Trades	77	9	N	85
Sector Number Of Instruments	86	5	N	90

FIELD DESCRIPTIONS:

SECTOR CODE — All instruments in the market are grouped into sectors, according to the type of business they represent.

SECTOR NUMBER OF INSTRUMENTS CLOSING PRICE UP — The number of Instruments within the Sector, which showed an increase in the Latest Closing Price compared to the previous Trading Day's Adjusted Closing Price.

SECTOR NUMBER OF INSTRUMENTS CLOSING PRICE DOWN — The number of Instruments within the Sector, which showed a decrease in the Latest Closing Price compared to the previous Trading Day's Adjusted Closing Price.

SECTOR NUMBER OF ACTIVE INSTRUMENTS — The number of Active Instruments within the Sector for a Trading Day

SECTOR NUMBER OF TRADES — The total number of trades for the sector, which took place on the specified day.

SECTOR NUMBER OF INSTRUMENTS   The number of Current or Suspended
                                                Instruments within the Sector for a Trading Day

11.2.2 Record Type DS/DSE Sub Type 02

FIELD NAME	START POS	LENGTH	END POS
~~Sector code~~	~~40~~	~~4 (T)~~	~~43~~
~~Sector volume traded~~	~~44~~	~~13~~	~~56~~
~~Sector Value Traded~~	~~57~~	~~15~~	~~71~~
~~Sector Market capitalisation~~	~~72~~	~~14~~	~~85~~
~~Sector dividend yield~~	~~86~~	~~13 (9.4)~~	~~98~~
~~Sector earnings yield~~	~~99~~	~~13 (9.4)~~	~~111~~
~~Sector average Price Earnings ratio~~	~~112~~	~~13 (9.4)~~	~~124~~
~~Sector number of instruments with new high trade price~~	~~125~~	~~9~~	~~133~~
~~Sector number of instruments with new low trade price~~	~~134~~	~~9~~	~~142~~
~~Sector earnings yield sign~~	~~143~~	~~1 (T)~~	~~143~~
~~Sector average Price Earnings ratio sign~~	~~144~~	~~1 (T)~~	~~144~~
~~Sector REIT Distribution Yield~~	~~145~~	~~13 (9.4)~~	~~157~~

FIELD NAME	START POS	LENGHTH	DATA TYPE	END POS
Sector Code	42	8		49
Sector Volume Traded	50	13	N	62
Sector Value Traded	63	15	N	77
Sector Market Capitalisation	78	14	N	91
Sector Dividend Yield	92	13	N	104
Sector Earnings Yield	105	13	N	117
Sector Average Price Earnings Ratio	118	13	N	130
Sector Number Of Instruments With New High Trade Price	131	9	N	139
Sector Number Of Instruments With New Low Trade Price	140	9	N	148
Sector Earnings Yield Sign	149	1		149
Sector Average Price Earnings Ratio Sign	150	1		150
Sector REIT Distribution Yield	151	13	N	163

FIELD DESCRIPTIONS:

SECTOR CODE
All instruments in the market are grouped into sectors, according to the type of business they represent.

SECTOR VOLUME TRADED
The Volume Traded for every Instrument in a Sector for a Trading Day.

SECTOR VALUE TRADED
The Value Traded for every Instrument in a Sector for a Trading Day.

SECTOR MARKET CAPITALISATION
The Total Market Capitalisation for all Instruments within a Sector on a Trading Day.

SECTOR DIVIDEND YIELD
The Dividend Yield for a Sector on a Trading Day.

SECTOR EARNINGS YIELD	The Earnings Yield for a Sector on a Trading Day.
SECTOR AVERAGE	The Average Price Earnings Ratio for a Sector on a Trading Day.
SECTOR NUMBER OF INSTRUMENTS WITH NEW HIGH TRADE PRICE	The number of Instruments within the Sector, which attained a new High Trade Price on the day since listing.
SECTOR NUMBER OF INSTRUMENTS WITH NEW LOW TRADE PRICE	The number of Instruments within the Sector, which attained a new Low Trade Price on the day since listing.
SECTOR EARNINGS YIELD SIGN	Sign indicating the yield Value e.g. 'N' for negative Value and 'P' for positive Value
SECTOR AVERAGE P/E RATIO SIGN	Sign indicating the yield Value e.g. 'N' for negative Value and 'P' for positive value
SECTOR REIT DISTRIBUTION YIELD	The REIT Distribution Yield for a Sector on a Trading Day.

11.2.3 Record Type DS/DSE Sub Type 03

FIELD NAME	START POS	LENGTH	END POS
~~Sector code~~	~~40~~	~~4 (T)~~	~~43~~
~~Total sector closing price~~	~~44~~	~~13~~	~~56~~
~~Sector average dividend~~	~~57~~	~~13 (9.4)~~	~~69~~
~~Sector average earnings~~	~~70~~	~~13 (9.4)~~	~~82~~
~~Sector total dividend~~	~~83~~	~~13 (9.4)~~	~~95~~
~~Sector total earnings~~	~~96~~	~~13 (9.4)~~	~~108~~
~~Sector average earnings sign~~	~~109~~	~~1 (T)~~	~~109~~
~~Sector total earnings sign~~	~~110~~	~~1 (T)~~	~~110~~
~~Sector average REIT Distribution~~	~~111~~	~~13 (9.4)~~	~~123~~
~~Sector total REIT Distribution~~	~~124~~	~~13 (9.4)~~	~~136~~

FIELD NAME	START POS	LENGHTH	DATA TYPE	END POS
Sector Code	42	8	-	49
Total Sector Closing Price	50	13	N	62
Sector Average Dividend	63	13	N	75
Sector Average Earnings	76	13	N	88
Sector Total Dividend	89	13	N	101
Sector Total Earnings	102	13	N	114
Sector Average Earnings Sign	115	1	-	115
Sector Total Earnings Sign	116	1	-	116
Sector Average REIT Distribution	117	13	N	129
Sector Total REIT Distribution	130	13	N	142

FIELD DESCRIPTIONS:

SECTOR CODE	All instruments in the market are grouped into sectors, according to the type of business they represent.
TOTAL SECTOR CLOSING PRICE	The accumulated Closing Prices of all the Instruments within the Sector.
SECTOR AVERAGE DIVIDEND	SUM (Annualised Rolling Dividends per Instrument) / Number of Instruments in the Sector.
SECTOR AVERAGE EARNINGS	SUM (Annualised Rolling Headline Earnings per Instrument) / Number of Instruments in the Sector.
SECTOR TOTAL DIVIDEND	SUM (Annualised Rolling Dividends per Instrument) for all Instruments in the Sector.
SECTOR TOTAL EARNINGS	SUM (Annualised Rolling Headline Earnings per Instrument) for all instruments in the Sector.
SECTOR AVERAGE EARNINGS SIGN	Sign indicating the earnings Value e.g. 'N' for negative Value and 'P" for positive Value.
SECTOR TOTAL EARNINGS SIGN	Sign indicating the earnings Value e.g. 'N' for negative Traded and 'P" for positive Value.
SECTOR AVERAGE REIT DISTRIBUTION	SUM(Annualised Rolling REITS Distribution per Instrument) / Number of instruments in the Sector
SECTOR TOTAL REIT DISTRIBUTION	SUM(Annualised Rolling REITS Distribution per Instrument) For all Instruments in the Sector

11.2.4 Record Type DS/DSE Sub Type 04

This section is still under review due to the ICB changes, as soon as the review is complete, an updated version of the specification document with be provided on a separate notice

This record can be subscribed to on a monthly basis. I.e., it will be disseminated to the specific user only at the end of the month.

FIELD NAME	START POS	LENGTH	END POS
Sector code	40	4 (T)	43
Sector short name	44	13 (T)	56
Sector name	57	40 (T)	96
Sector Sequence number	97	4	100

FIELD NAME	START POS	LENGHTH	DATA TYPE	END POS
Sector Code	42	8	-	49
Sector Short Name	50	13	-	62
Sector Name	63	40	-	102
Sector Sequence Number	103	4	N	106

FIELD DESCRIPTIONS:

SECTOR CODE — All instruments in the market are grouped into sectors, according to the type of business they represent.

SECTOR SHORT NAME — The abbreviated version of the sector name.

SECTOR NAME — The full description of the sector.

SECTOR SEQUENCE NUMBER — This is the sequence number of the sector, and indicates the printing sequence of the sector.

11.2.5 Record Type DS/DSE Sub Type 05

This section is still under review due to the ICB changes, as soon as the review is complete, an updated version of the specification document with be provided on a separate notice

FIELD NAME	START POS	LENGTH	END POS
Sector code	40	4 (T)	43
Sector Afrikaans short name	44	13 (T)	56
Sector Afrikaans name	57	40 (T)	96
Sector Sequence number	97	4	100

FIELD NAME	START POS	LENGHTH	DATA TYPE	END POS
Sector Code	42	8	-	49
Sector Afrikaans Short Name	50	13	-	62
Sector Afrikaans Name	63	40	-	102
Sector Sequence Number	103	4	N	106

FIELD DESCRIPTIONS:

SECTOR CODE

All instruments in the market are grouped into sectors, according to the type of business they represent.

SECTOR AFRIKAANS SHORT NAME

The abbreviated version of the Afrikaans sector name.

SECTOR AFRIKAANS NAME

The full Afrikaans description of the sector.

SECTOR SEQUENCE NUMBER

This is the sequence number of the sector, and indicates the printing sequence of the sector.

11.2.6 Record Type DS/DSE Sub Type 06

FIELD NAME	START POS	LENGTH	END POS
Sector code	40	4 (T)	43
Sector total volume traded (previous day)	44	13	56
Sector Value Traded (previous day)	57	15	71
Sector Number of Trades (previous day)	72	9	80
Sector number of active instruments (previous day)	81	9	89
Sector number of instruments closing price up (previous day)	90	9	98
Sector number of instruments closing price down (previous day)	99	9	107
Sector number of instruments (previous day)	108	5	112

FIELD NAME	START POS	LENGHTH	DATA TYPE	END POS
Sector Code	42	8		49
Sector Total Volume Traded (Previous Day)	50	13	N	62
Sector Value Traded (Previous Day)	63	15	N	77
Sector Number Of Trades (Previous Day)	78	9	N	86
Sector Number Of Active Instruments (Previous Day)	87	9	N	95
Sector Number Of Instruments Closing Price Up (Previous Day)	96	9	N	104
Sector Number Of Instruments Closing Price Down (Previous Day)	105	9	N	113
Sector Number Of Instruments	114	5	N	118

FIELD DESCRIPTIONS:

SECTOR CODE — All instruments in the market are grouped into sectors, according to the type of business they represent.

SECTOR TOTAL VOLUME TRADED (PREVIOUS DAY) — The total volume of shares traded for the sector for the previous business day.

SECTOR VALUE TRADED (PREVIOUS DAY) — The Value Traded for every Instrument in a Sector for a Trading Day.

SECTOR NUMBER OF TRADES (PREVIOUS DAY) — The number of Trades that took place for a Sector for the previous Trading Day.

SECTOR NUMBER OF ACTIVE INSTRUMENTS (PREVIOUS DAY) — The number of Active Instruments within the Sector for the previous Trading day

SECTOR NUMBER OF INSTRUMENTS CLOSING PRICE UP (PREVIOUS DAY) — The number of Instruments Closing Price Up within the Sector for the previous Trading Day.

SECTOR NUMBER OF INSTRUMENTS CLOSING PRICE DOWN (PREVIOUS DAY) — The number of Instruments Closing Price Up within the Sector for the previous Trading Day

SECTOR NUMBER OF INSTRUMENTS (PREVIOUS DAY)	The number of instruments that were current or suspended for all instruments in the sector on the previous Trading Day.

11.3 Daily Sector Deal Statistics

All instruments traded on the market are grouped according to the type of business they represent.

The statistics for each sector are calculated at the close of business each day.

All daily sector deal statistics fall within record type DL, and the relevant field layouts are listed below.

11.3.1 Record Type DL Sub Type 01

FIELD NAME	START POS	LENGTH	END POS
~~Sector code~~	~~40~~	~~4 (T)~~	~~43~~
~~Trade type~~	~~44~~	~~2 (T)~~	~~45~~
~~Sector Trade Type Volume Traded~~	~~46~~	~~13~~	~~58~~
~~Sector Trade Type Value traded~~	~~59~~	~~15~~	~~73~~
~~Sector Trade Type Number of trades~~	~~74~~	~~9~~	~~82~~
~~Trade type~~	~~83~~	~~2 (T)~~	~~84~~
~~Sector Trade Type Volume Traded~~	~~85~~	~~13~~	~~97~~
~~Sector Trade Type Value Traded~~	~~98~~	~~15~~	~~112~~
~~Sector Trade Type Number of Trades~~	~~113~~	~~9~~	~~121~~

FIELD NAME	START POS	LENGHTH	DATA TYPE	END POS
Sector Code	42	8	-	49
Trade Type	50	2	-	51
Sector Trade Type Volume Traded	52	13	N	64
Sector Trade Type Value Traded	65	15	N	79
Sector Trade Type Number Of Trades	80	9	N	88
Trade Type	89	2	-	90
Sector Trade Type Volume Traded	91	13	N	103
Sector Trade Type Value Traded	104	15	N	118
Sector Trade Type Number Of Trades	119	9	N	127

FIELD DESCRIPTIONS:

SECTOR CODE — All instruments in the market are grouped into sectors, according to the type of business they represent.

TRADE TYPE — This indicates the type of trade which has occurred.

SECTOR TRADE TYPE VOLUME TRADED — The volume traded for every Instrument in a Sector by Trade Type for a Trading Day.

SECTOR TRADE TYPE VALUE TRADED — The value traded for every Instrument in a Sector by Trade Type for a Trading Day.

SECTOR TRADE TYPE NUMBER OF TRADES — The number of trades for every Instrument in a Sector by Trade Type for a Trading Day.

11.4 Daily Overall Market Statistics

Daily overall market statistics are calculated at the close of each business day. The record contains the key market statistics for the days trade. It provides a view of the days trade at a glance.

All daily overall market statistics fall within record type DO, and the relevant field layouts are listed below.

11.4.1 Record Type DO Sub Type 01

FIELD NAME	START POS	LENGTH	END POS
Market total volume traded	40	13	52
Market total Value Traded	53	15	67
Market Capitalisation for the Market	68	14	81
Market Number of instruments	82	9	90
Market Number of instruments closing price up	91	9	99
Market Number of instruments closing price down	100	9	108
Market Number of active instruments	109	9	117
Market Number of instruments with new high trade price	118	9	126
Market Number of instruments with new low trade price	127	9	135
Market Number of trades	136	9	144

FIELD NAME	START POS	LENGHTH	DATA TYPE	END POS
Market Total Volume Traded	42	13	N	54
Market Total Value Traded	55	15	N	69
Market Capitalisation	70	14	N	83
Sector Number Of Instruments	84	9	N	92
Market Number Of Instruments Closing Price Up	93	9	N	101
Market Number Of Instruments Closing Down	102	9	N	110
Market Number Of Active Instruments	111	9	N	119
Market Number Of Instruments With New High Trade Price	120	9	N	128
Market Number Of Instruments With New Low Trade Price	129	9	N	137
Market Number Of Trades	138	9	N	146

FIELD DESCRIPTIONS:

MARKET TOTAL VOLUME TRADED — The Total Volume Traded for all Instruments in the Market on a Trading Day.

MARKET TOTAL VALUE TRADED — The Total Value Traded for all Instruments in the Market on a Trading Day.

MARKET CAPITALISATION FOR THE MARKET — The Total Market Capitalisation for every Instrument in the market on a Trading Day

MARKET NUMBER OF INSTRUMENTS	The number of current and suspended Instruments within the Market for a Trading Day.
MARKET NUMBER OF INSTRUMENTS CLOSING PRICE UP	The number of Instruments within the Market, which showed an Increase in the Latest Closing Price compared to the previous Trading Day's Adjusted Closing Price.
MARKET NUMBER OF INSTRUMENTS CLOSING PRICE DOWN	number of Instruments within the Market, which showed a Decrease in the Latest Closing Price compared to the previous Trading Day's Adjusted Closing Price.
MARKET NUMBER OF ACTIVE INSTRUMENTS	The number of Active Instruments within the Market for a Trading Day.
MARKET NUMBER OF INSTRUMENTS WITH NEW HIGH TRADE PRICE	The number of Instruments within the Market, which attained a new High Trade Price during the Day since listing.
MARKET NUMBER OF INSTRUMENTS WITH NEW LOW TRADE PRICE	The number of Instruments within the Market, which attained a new Low Trade Price during the Day since listing.
MARKET NUMBER OF TRADES	The number of Trades that took place for all Instruments in a Market on a Trading Day.

11.4.2 Record Type DO Sub Type 02

FIELD NAME	START POS	LENGTH	END POS
Market Dividend yield	40	13 (9.4)	52
Market Earnings yield	53	13 (9.4)	65
Market Price/earnings ratio	66	13 (9.4)	78
Total Number of Instrument Listed Shares In Market	79	15	93
Earnings yield sign	94	1 (T)	94
Price Earnings ratio sign	95	1 (T)	95
Market REIT Distribution Yield	96	13 (9.4)	108

FIELD NAME	START POS	LENGHTH	DATA TYPE	END POS
Market Dividend Yield	42	13	N	54
Earnings Yield	55	13	N	67
Market Price/Earnings Ratio	68	13	N	80
Total Number of Instrument Listed Shares In Market	81	15	N	95
Earnings Yield Sign	96	1		96
Price Earnings Ratio Sign	97	1		97
Market REIT Distribution Yield	98	13	N	110

FIELD DESCRIPTIONS:

MARKET DIVIDEND YIELD

The Dividend Yield for a Market on a Trading Day.

MARKET EARNINGS YIELD

The Earnings Yield for a Market on a Trading Day.

MARKET PRICE EARNINGS RATIO

The Price Earnings Ratio for the Market on a Trading Day.

TOTAL NUMBER OF INSTRUMENT LISTED SHARES IN MARKET

The Total number of Instrument listed shares currently available for trading in the Market.

EARNINGS YIELD SIGN

Sign indicating the yield Value e.g. 'N' for negative value and 'P' for positive value.

PRICE EARNINGS RATIO SIGN

Sign indicating the PE ratio of an instrument, e.g. 'N' for negative value and 'P' for a positive value.

MARKET REIT DISTRIBUTION YIELD

The REIT Distribution Yield for a Market on a Trading Day.

11.5 Daily Overall Market Deal Statistics

Daily overall market deal statistics are calculated at the close of each business day.

All daily overall market deal statistics fall within record type DD, and the relevant field layouts are listed below.

11.5.1 Record Type DD Sub Type 01

FIELD NAME	START POS	LENGTH	END POS
~~Trade Type~~	~~40~~	~~2 (T)~~	~~41~~
~~Market Trade Type Total Volume Traded~~	~~42~~	~~13~~	~~54~~
~~Market Trade Type Total Value Traded~~	~~55~~	~~15~~	~~69~~
~~Market Number of trades~~	~~70~~	~~9~~	~~78~~
~~Trade type~~	~~79~~	~~2 (T)~~	~~80~~
~~Market Trade Type Total volume traded~~	~~81~~	~~13~~	~~93~~
~~Market Trade Type Total Value Traded~~	~~94~~	~~15~~	~~108~~
~~Market Trade Type Number of trades~~	~~109~~	~~9~~	~~117~~

FIELD NAME	START POS	LENGHTH	DATA TYPE	END POS
Trade Type	42	2	-	43
Market Trade Type Total Volume Traded	44	13	N	56
Market Trade Type Total Value Traded	57	15	N	71
Market Number Of Trades	72	9	N	80
Trade Type	81	2	-	82
Market Trade Type Total Volume Traded	83	13	N	95
Market Trade Type Total Value Traded	96	15	N	110
Market Number Of Trades	111	9	N	119

FIELD DESCRIPTIONS:

TRADE TYPE	This Indicates the type of trade which has occurred.
MARKET TRADE TYPE TOTAL VOLUME TRADED	The Total Volume Traded for the Market per Trade Type on a Trading Day.
MARKET TRADE TYPE TOTAL VALUE TRADED	The Total Value Traded for the Market per Trade Type on a Trading Day.
MARKET TRADE TYPE NUMBER OF TRADES	The Total number of Trades for the Market per Trade Type on a Trading Day.

11.6 Daily Top 20 Instrument up/down

The daily top 20 instrument up/down, are the shares, which have shown the highest price percentage gains/declines during the day. DT01 shows all the shares with the largest price gains and DT02 shows all the shares with the largest price declines.

All daily top 20 instrument up/down fall within record type DT. The relevant field layouts and Sub Types 01 and 02 are listed below.

11.6.1 **Record Type DT Sub Type 01 Sequence No 01-07**

This record type shows all the shares with the largest price gains.

FIELD NAME	START POS	LENGTH	END POS
Instrument alpha code	40	6 (T)	45
Instrument Closing Price	46	9	54
Closing Price change in cents	55	9	63
Percentage Closing price change	64	7 (5.2)	70
Instrument Numeric Code	71	7	77
Instrument alpha code	78	6 (T)	83
Instrument Closing Price	84	9	92
Closing price change in cents	93	9	101
Percentage closing price change	102	7 (5.2)	108
Instrument Numeric Code	109	7	115
Instrument alpha code	116	6 (T)	121
Instrument Closing Price	122	9	130
Closing Price change in cents	131	9	139
Percentage Closing price change	140	7 (5.2)	146
Instrument Numeric Code	147	7	153

FIELD NAME	START POS	LENGHTH	DATA TYPE	END POS
Instrument Alpha Code	42	6		47
Instrument Closing Price	48	9	N	56
Closing Price Change In Cents	57	9	N	65
Percentage Closing Price Change	66	7	N	72
Instrument Numeric Code	73	7	N	79
Instrument Alpha Code	80	6		85
Instrument Closing Price	86	9	N	94
Closing Price Change In Cents	95	9	N	103
Percentage Closing Price Change	104	7	N	110
Instrument Numeric Code	111	7	N	117
Instrument Alpha Code	118	6		123
Instrument Closing Price	124	9	N	132
Closing Price Change In Cents	133	9	N	141
Percentage Closing Price Change	142	7	N	148
Instrument Numeric Code	149	7	N	155

FIELD DESCRIPTIONS:

INSTRUMENT ALPHA CODE   All instruments traded on the market are
                                              identified by a unique alpha code.

INSTRUMENT CLOSING PRICE

The instrument closing price as calculated by the Trading Engine.

CLOSING PRICE CHANGE IN CENTS

The closing price variation for the period quoted in cents.

PERCENTAGE CLOSING PRICE CHANGE

The Closing price variation for the period quoted as a percentage.

11.6.2 Record Type DT Sub Type 02 Sequence No 01-07

This record type shows all the shares with the largest price declines.

FIELD NAME	START POS	LENGTH	END POS
Instrument alpha code	40	6 (T)	45
Instrument Closing Price	46	9	54
Closing Price change in cents	55	9	63
Percentage Closing Price change	64	7 (5.2)	70
Instrument Numeric Code	71	7	77
Instrument alpha code	78	6 (T)	83
Instrument Closing Price	84	9	92
Closing price change in cents	93	9	101
Percentage closing price change	102	7 (5.2)	108
Instrument Numeric Code	109	7	115
Instrument alpha code	116	6 (T)	121
Instrument Closing Price	122	9	130
Closing Price change in cents	131	9	139
Percentage Closing price change	140	7 (5.2)	146
Instrument Numeric Code	147	7	153

FIELD NAME	START POS	LENGHTH	DATA TYPE	END POS
Instrument Alpha Code	42	6		47
Instrument Closing Price	48	9	N	56
Closing Price Change In Cents	57	9	N	65
Percentage Closing Price Change	66	7	N	72
Instrument Numeric Code	73	7	N	79
Instrument Alpha Code	80	6		85
Instrument Closing Price	86	9	N	94
Closing Price Change In Cents	95	9	N	103
Percentage Closing Price Change	104	7	N	110
Instrument Numeric Code	111	7	N	117
Instrument Alpha Code	118	6		123
Instrument Closing Price	124	9	N	132
Closing Price Change In Cents	133	9	N	141
Percentage Closing Price Change	142	7	N	148
Instrument Numeric Code	149	7	N	155

FIELD DESCRIPTIONS:

INSTRUMENT ALPHA CODE — All instruments traded on the market are identified by a unique alpha code.

INSTRUMENT CLOSING PRICE — The instrument closing price as calculated by the Trading Engine.

CLOSING PRICE CHANGE IN CENTS — The closing price variation for the period quoted in cents.

PERCENTAGE CLOSING PRICE CHANGE — The closing price variation for the period quoted as a percentage.

11.7 Daily Warrants

The daily warrants information is calculated at the close of each business day. The record carries the key information relating to the warrants on the market.

All daily warrants information falls within record type DR. The warrants are grouped into various Sub Types, which allows you to select the information you require. The different Sub Types and the relevant fields' layout are listed below.

11.7.1 Record Type DR/DRE Sub Type 01

FIELD NAME	START POS	LENGTH	END POS
Call or Put	40	2 (T)	41
Warrant Style	42	10 (T)	51
Warrant Issuer	52	4 (T)	55
Underlying Security	56	6 (T)	61
Cover Ratio	62	10 (T)	71
Strike Price	72	10 (T)	81
Expiry Date	82	8	89
12 Months Percentage Move	90	9	98
Class of Warrants	99	4 (T)	102
ISIN	103	12 (T)	114
Barrier Level	115	10 (6.4)	124
Issue Date	125	8	132
Issued Amount	133	15	147

FIELD NAME	START POS	LENGHTH	DATA TYPE	END POS
CallOrPut	42	2	-	43
Warrant Style	44	10	-	53
Warrant Issuer	54	4	-	57
Underlying Security	58	6	-	63
Cover Ratio	64	10	-	73
Strike Price	74	10		83
Expiry Date	84	8	DATE	91
12 Months Percentage Move	92	9	N	100
Class Of Warrants	101	4	-	104
ISIN	105	12	-	116
Barrier Level	117	10	N	126
Issue Date	127	8	DATE	134
Issued Amount	135	15	-	149

FIELD DESCRIPTIONS:

CALL OR PUT — Call or PutCall: Holder of warrant entitled to buy underlying security Put: Holder of warrant entitled to sell underlying security.

WARRANT STYLE — American: Holder of warrant can exercise on any date up to expiry date.

European: Holder of warrant can only exercise on the exercise date on the expiry date

WARRANT ISSUER	The code of the issuer that issues the warrant.
UNDERLYING SECURITY	The alpha code for the instrument, company, bond, index or commodity, over which the warrant is issued.
COVER RATIO	The ratio, which determines the number of warrants Required to be exercised in relation to the underlying securities.
STRIKE PRICE	Is the price payable by the warrant holder in respect of each warrant on exercise of the warrant.
EXPIRY DATE	Date on which the warrant expires.
12 MONTHS PERCENTAGE MOVE	Percentage movement of the warrant in the last 12 Months.
CLASS OF WARRANTS	Warrant Class refers to the type of the underlying securities.
ISIN	The ISIN (International Securities Identification Number) uniquely identifies securities internationally.
BARRIER LEVEL	Barrier level value identifier.
ISSUE DATE	The date the Warrant was issued
ISSUED AMOUNT	The number of listed Warrants.

11.7.2 Record Type DR/DRE Sub Type 02/3 Continuation Sequence 01 To 99

FIELD NAME	START POS	LENGTH	END POS
WARRANT DESCRIPTION	40	80(T)	119

FIELD NAME	START POS	LENGHTH	DATA TYPE	END POS
WARRANT DESCRIPTION	42	80	_	121

FIELD DESCRIPTIONS:

WARRANT DESCRIPTION   80-character warrant definition free-form text line that contains description information pertaining to the warrant instrument as captured in the JSE Masterdata systems. There will be more than one of these lines for each warrant up to a maximum of 99 per each of the sub types 02 and 03.

11.8 Adjustments to Equity Market Statistics

When a trade is cancelled the Instrument statistics for the affected day are recalculated. In such a scenario the affected fields will be re-disseminated in this specific record type.

11.8.1 **Record type CR 01**

DESCRIPTION	START POS	LENGTH	END POS
Statistics Date	40	8	47
Instrument numeric code	48	7	54
Filler	55	13 (9.4)	67
Filler	68	13 (9.4)	80
High Trade Price	81	9	89
Low Trade Price	90	9	98
Instrument Volume Traded	99	13	111
Instrument Value Traded	112	13	124
Instrument Number of Trades	125	7	131
Last Traded price	132	9	140
Opening Trade price	141	9	149

FIELD NAME	START POS	LENGHTH	DATA TYPE	END POS
Statistics Date	42	8	DATE	49
Instrument Numeric Code	50	7	N	56
Filler	57	13	N	69
Filler	70	13	N	82
High Trade Price	83	9	N	91
Low Trade Price	92	9	N	100
Instrument Volume Traded	101	13	N	113
Instrument Value Traded	114	13	N	126
Instrument Number Of Trades	127	7	N	133
Last Traded Price	134	9	N	142
Opening Trade Price	143	9	N	151

FIELD DESCRIPTIONS:

STATISTICS DATE	The date of the Statistics that are being corrected.
INSTRUMENT NUMERIC CODE	All instruments traded on the market are identified by a unique numeric code.
FILLER	Spaces or Blanks.
FILLER	Spaces or Blanks.
HIGH TRADE PRICE	The highest sale price for the day.
LOW TRADE PRICE	The lowest sale price for the day.
INSTRUMENT VOLUME TRADED	The volume of instruments traded for the day.
INSTRUMENT VALUE TRADED	The Value of instruments traded for the day.

INSTRUMENT NUMBER OF TRADES	The number of deals, which took place for the share over the stated day period.

LAST TRADED PRICE	The Last Automatic Trade Price for the Day.

OPENING TRADE PRICE	The first Automatic Trade Price of an Instrument as at the start of business on the specified Day

11.8.2 Record type CR 02 (RTDS)

DESCRIPTION	START POS	LENGTH	END POS
Statistics Date	40	8	47
Instrument Numeric Code	48	7	54
Instrument Alpha Code	55	6	60
ISIN	61	12	72
Trade Type	73	3	75
Broadcast Update Action	76	1	76
Trade Price	77	9	85
Trade Volume	86	13	98
Original Trade Code	99	10	108

FIELD NAME	START POS	LENGHTH	DATA TYPE	END POS
Statistics Date	42	8	DATE	49
Instrument Numeric Code	50	7	N	56
Instrument Alpha Code	57	6	-	62
ISIN	63	12	-	74
Trade Type	75	3	-	77
Broadcast Update Action	78	1	-	78
Trade Price	79	9	N	87
Trade Volume	88	13	N	100
Original Trade Code	101	10	-	110

FIELD DESCRIPTIONS:

STATISTICS DATE — The date of the Statistics that are being corrected

INSTRUMENT NUMERIC CODE — All instruments traded on the market are identified by a unique numeric code.

INSTRUMENT ALPHA CODE — All instrument traded on the market are identified by an Alpha code.

ISIN — The ISIN (International Securities Identification Number) uniquely identifies securities internationally.

TRADE TYPE — This Indicates the type of trade which has occurred.

BROADCAST UPDATE ACTION — Identifies the action to be taken by customers on receipt of a message.

TRADE PRICE — The price of the Trade.

TRADE VOLUME — The volume of the Trade.

ORIGINAL TRADE CODE — The Trade code of the original trade. This will only be populated for cancellations of trades.

11.9   Daily Top 20 By Value

The daily top 20 instrument by Value are the shares for which the highest Value of shares has been traded during the day. All daily top 20 instrument fall within record type VA. The relevant field layouts are listed below.

11.9.1   **Record Type VA Sub Type 01 Sequence No 01-10**

FIELD NAME	START POS	LENGTH	END POS
Instrument alpha code	40	6 (T)	45
Instrument Closing Price	46	9	54
Closing Price change in cents	55	9	63
Instrument Value Traded	64	12	75
Instrument Numeric Code	76	7	82
Instrument alpha code	83	6 (T)	88
Instrument Closing Price	89	9	97
Closing price change in cents	98	9	106
Instrument Value Traded	107	12	118
Instrument Numeric Code	119	7	125
Instrument alpha code	126	6 (T)	131
Instrument Closing Price	132	9	140
Closing Price change in cents	141	9	149
Instrument Value Traded	150	12	161
Instrument Numeric Code	162	7	168

FIELD NAME	START POS	LENGHTH	DATA TYPE	END POS
Instrument Alpha Code	42	6		47
Instrument Closing Price	48	9	N	56
Closing Price Change In Cents	57	9	N	65
Instrument Value Traded	66	12	N	77
Instrument Numeric Code	78	7	N	84
Instrument Alpha Code	85	6		90
Instrument Closing Price	91	9	N	99
Closing Price Change In Cents	100	9	N	108
Instrument Value Traded	109	12	N	120
Instrument Numeric Code	121	7	N	127
Instrument Alpha Code	128	6		133
Instrument Closing Price	134	9	N	142
Closing Price Change In Cents	143	9	N	151
Instrument Value Traded	152	12	N	163
Instrument Numeric Code	164	7	N	170

FIELD DESCRIPTIONS:

INSTRUMENT ALPHA CODE   All instruments traded on the market are
                                               identified by a unique alpha code.

INSTRUMENT CLOSING PRICE   The instrument closing price as calculated by
                                               the Trading Engine.

CLOSING PRICE CHANGE IN CENTS   The closing price variation for the period quoted
                                               in cents.

INSTRUMENT VALUE TRADED

The rand Instrument Value Traded of the shares, which have been traded on the specified date.

11.10 Daily Top 20 By Volume

The daily top 20 instrument by volume are the shares for which the highest volume of shares has been traded during the day.

All daily top 20 instrument fall within record type VO.

11.10.1 **Record Type VO Sub Type 01 Sequence No 01-10**

FIELD NAME	START POS	LENGTH	END POS
Instrument alpha code	40	6 (T)	45
Instrument Closing Price	46	9	54
Closing Price change in cents	55	9	63
Instrument Volume Traded	64	13	76
Instrument Numeric Code	77	7	83
Instrument alpha code	84	6 (T)	89
Instrument Closing Price	90	9	98
Closing price change in cents	99	9	107
Instrument Volume Traded	108	13	120
Instrument Numeric Code	121	7	127
Instrument alpha code	128	6 (T)	133
Instrument Closing Price	134	9	142
Price change in cents	143	9	151
Instrument Volume Traded	152	13	164
Instrument Numeric Code	165	7	171

FIELD NAME	START POS	LENGHTH	DATA TYPE	END POS
Instrument Alpha Code	42	6		47
Instrument Closing Price	48	9	N	56
Closing Price Change In Cents	57	9	N	65
Instrument Volume Traded	66	13	N	78
Instrument Numeric Code	79	7	N	85
Instrument Alpha Code	86	6		91
Instrument Closing Price	92	9	N	100
Closing Price Change In Cents	101	9	N	109
Instrument Volume Traded	110	13	N	122
Instrument Numeric Code	123	7	N	129
Instrument Alpha Code	130	6		135
Instrument Closing Price	136	9	N	144
Closing Price Change In Cents	145	9	N	153
Instrument Volume Traded	154	13	N	166
Instrument Numeric Code	167	7	N	173

FIELD DESCRIPTIONS:

INSTRUMENT ALPHA CODE   All instruments traded on the market are identified by a unique alpha code.

INSTRUMENT CLOSING PRICE   The instrument closing price as calculated by the Trading Engine.

CLOSING PRICE CHANGE IN CENTS

The closing price variation for the period quoted in cents.

INSTRUMENT VOLUME TRADED

The total volume of shares which have been traded on the specified date.

11.11 New Highs

The New High information is disseminated daily for shares, which have reached its highest sale price since listing on the market.

All new high information falls within record type NH. The field layouts are listed below.

11.11.1 **Record Type NH/NHE Sub Type 01 Sequence No 01-99**

FIELD NAME	START POS	LENGTH	END POS
Instrument alpha code	40	6 (T)	45
Instrument New High Trade Price	46	9	54
Previous Instrument High Trade Price	55	9	63
Instrument Numeric Code	64	7	70
Instrument alpha code	71	6 (T)	76
Instrument new High Trade Price	77	9	85
Previous Instrument High Trade Price	86	9	94
Instrument Numeric Code	95	7	101
Instrument alpha code	102	6 (T)	107
Instrument New High Trade Price	108	9	116
Previous Instrument High Trade Price	117	9	125
Instrument Numeric Code	126	7	132
Instrument alpha code	133	6 (T)	138
Instrument New High Trade Price	139	9	147
Previous Instrument High Trade Price	148	9	156
Instrument Numeric Code	157	7	163

FIELD NAME	START POS	LENGHTH	DATA TYPE	END POS
Instrument Alpha Code	42	6		47
Instrument New High Trade Price	48	9	N	56
Previous Instrument High Trade Price	57	9	N	65
Instrument Numeric Code	66	7	N	72
Instrument Alpha Code	73	6		78
Instrument New High Trade Price	79	9	N	87
Previous Instrument High Trade Price	88	9	N	96
Instrument Numeric Code	97	7	N	103
Instrument Alpha Code	104	6		109
Instrument New High Trade Price	110	9	N	118
Previous Instrument High Trade Price	119	9	N	127
Instrument Numeric Code	128	7	N	134
Instrument Alpha Code	135	6		140
Instrument New High Trade Price	141	9	N	149
Previous Instrument High Trade Price	150	9	N	158
Instrument Numeric Code	159	7	N	165

FIELD DESCRIPTIONS:

INSTRUMENT ALPHA CODE — All instruments on the market is identified by a unique alpha code.

INSTRUMENT NEW HIGH TRADE PRICE — This field reflects the highest Trade Price for an Instrument since date of Listing.

PREVIOUS INSTRUMENT HIGH TRADE PRICE   This field reflects the Previous Highest Trade Price for an Instrument since date of Listing.

FIELD NAME	START POS	LENGTH	END POS
Instrument alpha code	40	6 (T)	45
*Moving 12 Month High Trade Price	46	9	54
*Moving 12 Month High Trade Price Date	55	8	62
Instrument Numeric Code	63	7	69
Instrument alpha code	70	6 (T)	75
*Moving 12 Month High Trade Price	76	9	84
*Moving 12 Month High Trade Price Date	85	8	92
Instrument Numeric Code	93	7	99
Instrument alpha code	100	6 (T)	105
*Moving 12 Month High Trade Price	106	9	114
*Moving 12 Month High Trade Price Date	115	8	122
Instrument Numeric Code	123	7	129
Instrument alpha code	130	6 (T)	135
*Moving 12 Month High Trade Price	136	9	144
*Moving 12 Month High Trade Price Date	145	8	152
Instrument Numeric Code	153	7	159

FIELD NAME	START POS	LENGHTH	DATA TYPE	END POS
Instrument alpha code	42	6	-	47
Moving 12 Month High Trade Price	48	9	N	56
Moving 12 Month High Trade Price Date	57	8	DATE	64
Instrument Numeric Code	65	7	N	71
Instrument alpha code	72	6		77
Moving 12 Month High Trade Price	78	9	N	86
Moving 12 Month High Trade Price Date	87	8	DATE	94
Instrument Numeric Code	95	7	N	101
Instrument alpha code	102	6		107
Moving 12 Month High Trade Price	108	9	N	116
Moving 12 Month High Trade Price Date	117	8	DATE	124
Instrument Numeric Code	125	7	N	131
Instrument alpha code	132	6		137
Moving 12 Month High Trade Price	138	9	N	146
Moving 12 Month High Trade Price Date	147	8	DATE	154
Instrument Numeric Code	155	7	N	161

FIELD DESCRIPTIONS:
* = VALUES AS AT PREVIOUS TRADING DAY

INSTRUMENT ALPHA CODE	All instruments on the market is identified by a unique alpha code.
*MOVING 12 MONTH HIGH TRADE PRICE	The highest adjusted trade price for an instrument over the past 12 months
*MOVING 12 MONTH HIGH TRADE PRICE DATE	The date on which the highest adjusted trade price for an instrument over the 12 months was attained.

INSTRUMENT NUMERIC CODE

All instruments traded on the market are identified by a unique numeric code.

11.12 New Lows

The New low information is disseminated daily for shares which have reached it's lowest sale price since listing on the market.

All new low information falls within record type NL. The field layouts are listed below.

11.12.1 **Record Type NL/NLE Sub Type 01 Sequence No 01-99**

FIELD NAME	START POS	LENGTH	END POS
Instrument alpha code	40	6 (T)	45
Instrument New Low Trade Price	46	9	54
Previous Instrument Low Trade Price	55	9	63
Instrument Numeric Code	64	7	70
Instrument alpha code	71	6 (T)	76
Instrument New Low Trade Price	77	9	85
Previous Instrument Low Trade Price	86	9	94
Instrument Numeric Code	95	7	101
Instrument alpha code	102	6 (T)	107
Instrument New Low Trade Price	108	9	116
Previous Instrument Low Trade Price	117	9	125
Instrument Numeric Code	126	7	132
Instrument alpha code	133	6 (T)	138
Instrument New Low Trade Price	139	9	147
Previous Instrument Low Trade Price	148	9	156
Instrument Numeric Code	157	7	163

FIELD NAME	START POS	LENGHTH	DATA TYPE	END POS
Instrument Alpha Code	42	6	-	47
Instrument New Low Trade Price	48	9	N	56
Previous Instrument Low Trade Price	57	9	N	65
Instrument Numeric Code	66	7	N	72
Instrument Alpha Code	73	6	-	78
Instrument New Low Trade Price	79	9	N	87
Previous Instrument Low Trade Price	88	9	N	96
Instrument Numeric Code	97	7	N	103
Instrument Alpha Code	104	6	-	109
Instrument New Low Trade Price	110	9	N	118
Previous Instrument Low Trade Price	119	9	N	127
Instrument Numeric Code	128	7	N	134
Instrument Alpha Code	135	6	-	140
Instrument New Low Trade Price	141	9	N	149
Previous Instrument Low Trade Price	150	9	N	158
Instrument Numeric Code	159	7	N	165

FIELD DESCRIPTIONS:

INSTRUMENT ALPHA CODE — All instruments traded on the market are identified by a unique alpha code.

INSTRUMENT NEW LOW TRADE PRICE — This field reflects the Lowest Trade Price for an Instrument since date of Listing.

PREVIOUS INSTRUMENT LOW TRADE PRICE

This field reflects the Previous Lowest Trade Price for an Instrument since date of Listing.

FIELD NAME	START POS	LENGTH	END POS
Instrument alpha code	40	6 (T)	45
*Moving 12 Month Low Trade Price	46	9	54
*Moving 12 Month Low Trade Price Date	55	8	62
Instrument Numeric Code	63	7	69
Instrument alpha code	70	6 (T)	75
*Moving 12 Month Low Trade Price	76	9	84
*Moving 12 Month Low Trade Price Date	85	8	92
Instrument Numeric Code	93	7	99
Instrument alpha code	100	6 (T)	105
*Moving 12 Month Low Trade Price	106	9	114
*Moving 12 Month Low Trade Price Date	115	8	122
Instrument Numeric Code	123	7	129
Instrument alpha code	130	6 (T)	135
*Moving 12 Month Low Trade Price	136	9	144
*Moving 12 Month Low Trade Price Date	145	8	152
Instrument Numeric Code	153	7	159

FIELD NAME	START POS	LENGHTH	DATA TYPE	END POS
Instrument alpha code	42	6	N	47
Moving 12 Month Low Trade Price	48	9	DATE	56
Moving 12 Month Low Trade Price Date	57	8	N	64
Instrument Numeric Code	65	7		71
Moving 12 Month Low Trade Price	78	9	DATE	86
Moving 12 Month Low Trade Price Date	87	8	N	94
Instrument Numeric Code	95	7		101
Instrument alpha code	102	6	N	107
Moving 12 Month Low Trade Price	108	9	DATE	116
Moving 12 Month Low Trade Price Date	117	8	N	124
Instrument Numeric Code	125	7		131
Instrument alpha code	132	6	N	137
Moving 12 Month Low Trade Price	138	9	DATE	146
Moving 12 Month Low Trade Price Date	147	8	N	154
Instrument Numeric Code	155	7		161

FIELD DESCRIPTIONS:

* = VALUES AS AT PREVIOUS TRADING DAY

INSTRUMENT ALPHA CODE — All instruments on the market is identified by a unique alpha code.

*MOVING 12 MONTH LOW TRADE PRICE — The lowest adjusted trade price for an instrument over the past 12 months

*MOVING 12 MONTH LOW TRADE PRICE DATE

The date on which the lowest adjusted trade price for an instrument over the 12 months was attained.

INSTRUMENT NUMERIC CODE

All instruments traded on the market are identified by a unique numeric code.

11.13 Instrument Notes – Disseminated Daily

Instrument notes indicates the information pertaining to any Instrument notes, which may be available.

This information is disseminated as and when notes are added or amended. The general Instrument information falls within record type NQ with 3 different sub types.

NOTES: The NQ01/NQE01 record will be created for all Notes that are amended or added for an Instrument.

The NQ02/NQE02 record will consist of notes that are deleted for a Instrument

The NQ03/NQE03 record will consist of all Instrument notes to date. It is recommended that this record type is downloaded once off only, to bring your database up to date.

11.13.1 **Record Type NQ/NQE Sub Type 01 (Changes to Instrument notes)**

FIELD NAME	START POS	LENGTH	END POS
Instrument numeric code	40	7	46
Instrument note	47	500 (T)	546

FIELD NAME	START POS	LENGHTH	DATA TYPE	END POS
Instrument Numeric Code	42	7	N	48
Instrument Note	49	500	_	548

FIELD DESCRIPTIONS:

INSTRUMENT NUMERIC CODE   All instruments traded on the market are identified by a unique numeric code.

INSTRUMENT NOTE   This indicates that a note has been loaded pertaining to the Instrument.

NOTE: This record type must be read with record type EC01.

11.13.2 Record Type NQ/NQE Sub Type 02 (Deletions of Instrument notes)

FIELD NAME	START POS	LENGTH	END POS
Instrument numeric code	40	7	46
Instrument note	47	500 (T)	546

FIELD NAME	START POS	LENGHTH	DATA TYPE	END POS
Instrument Numeric Code	42	7	_	48
Instrument Note	49	500	_	548

FIELD DESCRIPTIONS:

INSTRUMENT NUMERIC CODE

All instruments traded on the market are identified by a unique numeric code.

INSTRUMENT NOTE

This indicates that a note has been loaded pertaining to the Instrument.

11.13.3 **Record type NQ/NQE Sub Type 03 (Instrument Notes to date)**

FIELD NAME	START POS	LENGTH	END POS
Instrument numeric code	40	7	46
Instrument note	47	500 (T)	546
Instrument Status	547	1 (T)	547

FIELD NAME	START POS	LENGHTH	DATA TYPE	END POS
Instrument Numeric Code	42	7	-	48
Instrument Note	49	500	-	548
Instrument Status	549	1	-	549

FIELD DESCRIPTIONS:

INSTRUMENT NUMERIC CODE   All instruments traded on the market are identified by a unique numeric code.

INSTRUMENT NOTE   This indicates that a note has been loaded pertaining to the Instrument.

INSTRUMENT STATUS   This indicates the current status of an instrument.

11.14 Company Codes – Disseminated Daily and Monthly

The company code information will give information about companies who have shares listed on the stock exchange. The company information falls within record type YC. A user can subscribe to YC01 on a monthly basis, i.e. the user will receive this record only at the end of the month.

11.14.1 Record Type YC Sub Type 01

FIELD NAME	START POS	LENGTH	END POS
Company numeric code	40	4	43
Company listing date	44	8	51
Company status	52	1 (T)	52
Company short name	53	15 (T)	67
Company name	68	55 (T)	122
Transfer secretary code	123	5 (T)	127
Company country code	128	3 (T)	130
Company alpha code	131	8 (T)	138

FIELD NAME	START POS	LENGHTH	DATA TYPE	END POS
Company Numeric Code	42	4	N	45
Company Listing Date	46	8	DATE	53
Company Status	54	1	-	54
Company Short Name	55	15	-	69
Company Name	70	55	-	124
Transfer Secretary Code	125	5	-	129
Company Country Code	130	3	-	132
Company Alpha Code	133	8	-	140

FIELD DESCRIPTIONS:

COMPANY NUMERIC CODE — Each company is assigned a unique number, to which their Instrument is linked. A company can, under certain circumstances, list different instruments under multiple business relationships (roles) with the JSE. In this situation, the company will have more than one numeric code linked to the different instruments.

COMPANY LISTING DATE — The date on which the company was listed

COMPANY STATUS — The code indicating the status of the company on the specified date.

COMPANY SHORT NAME — The abbreviated version of the company name.

COMPANY NAME — The full name of the issuing company of the instrument.

TRANSFER SECRETARY CODE — The code used to identify a specific transfer secretary.

COMPANY COUNTRY CODE — The code of the country of the company.

COMPANY ALPHA CODE   The alpha code of the company.

11.15 Annual Instrument Statistics – Dissemination Daily

The annual Instrument statistics disseminated daily, are calculated at the close of each trading day for the shares, which are traded on the market during the year. These record types contain some cumulative information for the shares for the year to date.

All annual Instrument statistics disseminated daily fall within record type EA. These statistics are grouped into various Sub Types, which allows you to select the type of information you require. The different Sub Types and the relevant field's layouts are listed below.

11.15.1 **Record Type EA Sub Type 01 Sequence No. 01**

FIELD NAME	START POS	LENGTH SHARE PRICE TYPES:		END POS
		CENTS	%	
Instrument numeric code	40	7		46
Instrument Closing price	47	9	7.2	55
Adjusted High Trade Price	56	9	7.2	64
Adjusted Low Trade Price	65	9		73
Instrument Number of Trades	74	7		80
Price Earnings Ratio	81	11 (7.4)		91
Closing price change in cents	92	9		100
Percentage closing price change	101	7 (5.2)		107
Instrument Gain/Loss indicator	108	1 (T)		108
Buyer price	109	9	7.2	117
Seller price	118	9	7.2	126
Price/earnings ratio sign	127	1 (T)		127

FIELD NAME	START POS	LENGHTH	DATA TYPE	END POS
Instrument Numeric Code	42	7	N	48
Instrument Closing Price	49	9	N	57
Adjusted High Trade Price	58	9	N	66
Adjusted Low Trade Price	67	9	N	75
Instrument Number Of Trades	76	7	N	82
Price Earnings Ratio	83	11	N	93
Closing Price Change In Cents	94	9	N	102
Percentage Closing Price Change	103	7	N	109
Instrument Gain/Loss Indicator	110	1		110
Buyer Price	111	9	N	119
Seller Price	120	9	N	128
Price Earnings Ratio Sign	129	1	N	129

FIELD DESCRIPTIONS:

INSTRUMENT NUMERIC CODE   All instruments traded on the market is
                                            identified by a unique numeric code.

INSTRUMENT CLOSING PRICE   The instrument closing price as calculated by
                                            the Trading Engine.

ADJUSTED HIGH TRADE PRICE	The Adjusted Daily Highest Trade Price for the Year.
ADJUSTED LOW TRADE PRICE	The Adjusted Daily Lowest Trade Price for the Year.
INSTRUMENT NUMBER OF TRADES	The number of trades which took place for the Instrument for the Year.
PRICE EARNINGS RATIO	The number of Years' worth of Earnings it will take to recoup the purchase price per Instrument
PERCENTAGE CLOSING PRICE CHANGE	The closing price variation for the period quoted as a percentage.
CLOSING PRICE CHANGE IN CENTS	The closing price variation for the period quoted in cents.
INSTRUMENT GAIN/LOSS INDICATOR	This indicates if there was a Closing Price Gain or Loss for the Year for every Instrument.
BUYER PRICE	The latest cash offer to buy a share for the year.
SELLER PRICE	The latest cash offer to sell a share for the year.
PRICE/EARNINGS RATIO SIGN	Sign indicating the PE Ratio Value e.g. 'N' for negative value and 'P' for positive Value.

11.15.2 **Record Type EA Sub Type 01 Sequence No. 02**

FIELD NAME	START POS	LENGTH	END POS
Instrument numeric code	40	7	46
Instrument Adjusted Volume Traded	47	13	59
Instrument Value Traded	60	13	72

FIELD NAME	START POS	LENGHTH	DATA TYPE	END POS
Instrument Numeric Code	42	7	N	48
Instrument Adjusted Average Volume Traded	49	13	N	61
Instrument Average Value Traded	62	13	N	74

FIELD DESCRIPTIONS:

INSTRUMENT NUMERIC CODE	All instruments traded on the market are identified by a unique numeric code.
INSTRUMENT ADJUSTED VOLUME TRADED	The Adjusted Volume Traded for every Instrument for every Trading Day in a Year
INSTRUMENT VALUE TRADED	The Value Traded for every Instrument for all Trading Days in a Year

11.15.3 Record Type EA Sub Type 03

FIELD NAME	START POS	LENGTH	END POS
Instrument numeric code	40	7	46
Last Trade Price	47	9	55
Instrument Market capitalisation	56	14	69
Adjusted Low Trade Price Date	70	8	77
Adjusted High Trade Price Date	78	8	85
Number of days Instrument traded	86	9	94
Average number of days instrument traded	95	9 (1.8)	103
Instrument Adjusted Average volume traded	104	13	116
Instrument Average Value Traded	117	13	129
Instrument Average number of trades	130	9	138

FIELD DESCRIPTIONS:

INSTRUMENT NUMERIC CODE — All instruments traded on the market are identified by a unique numeric code.

LAST TRADE PRICE — The last trade price for an instrument for a day

INSTRUMENT MARKET CAPITALISATION — The Instrument's number of listed shares in the market, multiplied by its Closing Price.

ADJUSTED LOW TRADE PRICE DATE — The date on which the adjusted low trade price for the year was attained.

ADJUSTED HIGH TRADE PRICE DATE — The date on which the adjusted high trade price for the year was attained.

NUMBER OF DAYS INSTRUMENT TRADED — The number of days an Instrument traded during the year.

AVERAGE NUMBER OF DAYS INSTRUMENT TRADED — The Average number of Days an Instrument traded during the year.

INSTRUMENT ADJUSTED AVERAGE VOLUME TRADED — The Average Adjusted Volume Traded for every Instrument for all Trading Days in a Year

INSTRUMENT AVERAGE VALUE TRADED — The Average Value Traded for every Instrument for all Trading Days in a Year

INSTRUMENT AVERAGE NUMBER OF TRADES — The Average number of Trades for every Instrument for all Trading Days in a Year

11.15.411.15.3 Record Type EA Sub Type 04 03

FIELD NAME	START POS	LENGTH	END POS
Instrument numeric code	40	7	46
Instrument Dividend yield	47	7 (3.4)	53
Instrument Earnings yield	54	8 (4.4)	61
Instrument Annualised rolling adjusted dividend cover	62	7 (3.4)	68
Total number of shares	69	15	83
Earnings yield sign	84	1 (T)	84
Dividend cover sign	85	1 (T)	85
Adjusted High Trade Price	86	9	94
Adjusted Low Trade Price	95	9	103
Instrument Adjusted Volume Traded	104	13	116

FIELD NAME	START POS	LENGHTH	DATA TYPE	END POS
Instrument Numeric Code	42	7	N	48
Instrument Dividend Yield	49	7	N	55
Instrument Earnings Yield	56	8	N	63
Instrument Annualised Rolling Adjusted Dividend Cover	64	7	N	70
Total Number Of Shares	71	15	N	85
Earnings Yield Sign	86	1		86
Dividend Cover Sign	87	1		87
Adjusted High Trade Price	88	9	N	96
Adjusted Low Trade Price	97	9	N	105
Instrument Adjusted Volume Traded	106	13	N	118

FIELD DESCRIPTIONS:

INSTRUMENT NUMERIC CODE — All instruments traded on the market are identified by a unique numeric code.

INSTRUMENT DIVIDEND YIELD — The Annualised Rolling Dividends per Instrument divided by the Closing Price, per Instrument.

INSTRUMENT EARNINGS YIELD — The percentage of the purchase price that will be recouped in Earnings per Year per Instrument

INSTRUMENT ANNUALISED ROLLING ADJUSTED DIVIDEND COVER — The Annualised Rolling Headline Earnings per Instrument divided by the Annualised Rolling Dividends per Instrument, per Instrument.

TOTAL NUMBER OF SHARES — The total number of Instrument listed shares currently available for trading in the market.

EARNINGS YIELD SIGN — Sign indicating the yield Value e.g. 'N' for negative Value and 'P' for positive Value

DIVIDEND COVER SIGN — Sign indicating the yield Value e.g. 'N' for negative Value and 'P' for positive Value

ADJUSTED HIGH TRADE PRICE   The Highest Adjusted Daily Trade Price for the year.

ADJUSTED LOW TRADE PRICE   The Lowest Adjusted Daily Trade Price for the year.

INSTRUMENT ADJUSTED VOLUME   The Adjusted Volume Traded for every Instrument for every
TRADED   Trading Day in a Year

11.16 Annual Sector Statistics – Dissemination Daily

All shares, which are traded on the market, are grouped according to the type of business they represent.

The statistics which are disseminated daily for each sector are calculated at the close of each business day trading for the shares which were traded. These records contain the accumulative information of the sector for the year to date.

All annual sector statistics disseminated daily, fall within record type AS.
The statistics are grouped into various Sub Types, which allows you to select the type of information you require. The different Sub Types and the relevant field's layouts are listed below.

11.16.1 Record Type SA Sub Type 01

FIELD NAME	START POS	LENGTH	END POS
Sector code	40	4 (T)	43
Sector Number of active instruments	44	9	52
Sector Total Annualised Rolling Adjusted Dividend	53	13 (9.4)	65
Sector Total Annualised Rolling Adjusted Headline Earnings	66	13 (9.4)	78
Sector Market capitalisation	79	14	92
Sector Total Annualised Rolling Adjusted Headline Earnings sign	93	1 (T)	93
Sector total dividend	94	13 (9.4)	106
Sector total earnings	107	13 (9.4)	119
Sector Number of instruments	120	5	124
Total sector closing price	125	13	137
Sector total earnings sign	138	1 (T)	138
Sector Total Annualised Rolling Adjusted REIT Distribution	139	13 (9.4)	151
Sector total REIT Distribution	152	13 (9.4)	164

FIELD NAME	START POS	LENGHTH	DATA TYPE	END POS
Sector Code	42	8	-	49
Number Of Active Shares	50	9	N	58
Sector Total Annualised Rolling Adjusted Dividend	59	13	N	71
Sector Total Annualised Rolling Adjusted Headline Earnings	72	13	N	84
Market Capitalisation	85	14	N	98
Sector Total Annualised Rolling Adjusted Headline Earnings Sign	99	1	-	99
Sector Total Dividend	100	13	N	112
Sector Total Earnings	113	13	N	125
Sector Number Of Instruments	126	5	N	130
Sector Closing Price	131	13	N	143
Sector Total Earnings Ratio Sign	144	1	-	144
Sector Total Annualised Rolling Adjusted REIT Distribution	145	13	N	157
Sector Total REIT Distribution	158	13	N	170

FIELD DESCRIPTIONS:

SECTOR CODE	All instruments in the market are grouped into sectors according to the type of business they represent.
SECTOR NUMBER OF ACTIVE INSTRUMENTS	The number of Instruments in the sector which were actively traded during the last year.
SECTOR TOTAL ANNUALISED ROLLING ADJUSTED DIVIDEND	SUM (Annualised Rolling Dividends per Instrument) for all Instruments in Sector
SECTOR TOTAL ANNUALSED ROLLING ADJUSTED HEADLINE EARNINGS	Total Annualised Rolling Headline Earnings per Instrument for all Instruments in a Sector.
SECTOR MARKET CAPITALISATION	The Total Market Capitalisation for all Instruments within a Sector on a Trading Day.
SECTOR TOTAL ANNUALSED ROLLING ADJUSTED HEADLINE EARNINGS SIGN	Sign indicating the yield Value e.g. 'N' for negative value and 'P' for positive value
SECTOR TOTAL DIVIDEND	SUM (Annualised Rolling Dividends per Instrument) for all Instruments in Sector
SECTOR TOTAL EARNINGS	SUM (Annualised Rolling Headline Earnings per Instrument) for all Instruments in Sector
SECTOR NUMBER OF INSTRUMENTS	The number of Current or suspended instruments within the Sector for all Trading Days in a Year.
TOTAL SECTOR CLOSING PRICE	The accumulated Closing Prices of all the Instruments within the Sector.
SECTOR TOTAL EARNINGS SIGN	Sign indicating the earnings value e.g. 'N' for negative value and 'P' for positive value.
SECTOR TOTAL ANNUALISED ROLLING ADJUSTED REIT DISTRIBUTION	SUM(Annualised Rolling Adjusted REIT Distribution per Instrument) for all Instruments in a Sector.
SECTOR TOTAL REIT DISTRIBUTION	SUM(Annualised Rolling REIT Distribution per Instrument) for all Instruments in Sector.

11.16.2 **Record Type SA Sub Type 02**

FIELD NAME	START POS	LENGTH	END POS
Sector code	40	4 (T)	43
Sector Adjusted volume traded	44	13	56
Sector value traded	57	15	71
Sector Number of instruments closing price up	72	9	80
Sector Number of instruments closing price down	81	9	89
Sector Number of instruments with new high trade price	90	9	98
Sector Number of instruments with new low trade price	99	9	107

FIELD NAME	START POS	LENGHTH	DATA TYPE	END POS
Sector Code	42	8		49
Sector Adjusted Volume Traded	50	13	N	62
Sector Value Traded	63	15	N	77
Sector Number of Instruments Closing Price Up	78	9	N	86
Sector Number of Instruments Closing Price Down	87	9	N	95
Sector Number of instruments with New High Trade Price	96	9	N	104
Sector Number of Instruments with New Low Trade Price	105	9	N	113

FIELD DESCRIPTIONS:

SECTOR CODE

All instruments in the market are grouped into sectors according to the type of business they represent.

SECTOR ADJUSTED VOLUME TRADED

The Adjusted Volume Traded for every Instrument in a Sector for every Trading Day in a Year

SECTOR VALUE TRADED

The Value Traded for every Instrument in a Sector for all Trading Days in a Year

SECTOR NUMBER OF INSTRUMENTS CLOSING PRICE UP

The number of Instruments within the Sector, which showed an Increase in the Latest Closing Price compared to the Adjusted Closing Price on the Last Trading Day in the Previous Year.

SECTOR NUMBER OF INSTRUMENTS CLOSING PRICE DOWN

The number of Instruments within the Sector, which showed a Decrease in the Latest Closing Price compared to the Adjusted Closing Price on the Last Trading Day in the Previous Year.

SECTOR NUMBER OF INSTRUMENTS WITH NEW HIGH TRADE PRICE

The number of Instruments within the Sector, which attained a new High Trade Price during the year since listing.

SECTOR NUMBER OF INSTRUMENTS WITH NEW LOW TRADE PRICE	The number of Instruments within the sector, which attained a new Low Trade Price during the year since listing.

11.16.3 **Record Type SA Sub Type 03**

FIELD NAME	START POS	LENGTH	END POS
~~Sector code~~	~~40~~	~~4 (T)~~	~~43~~
~~Sector Number Of Trades~~	~~44~~	~~9~~	~~52~~
~~Number of Days Sector Traded~~	~~53~~	~~9~~	~~61~~
~~Sector average Price Earnings ratio~~	~~62~~	~~13 (9.4)~~	~~74~~
~~Sector average Instrument Annualised Rolling Adjusted Dividend~~	~~75~~	~~13 (9.4)~~	~~87~~
~~Sector average Instrument Annualised Rolling Adjusted Headline Earnings~~	~~88~~	~~13 (9.4)~~	~~100~~
~~Sector dividend yield~~	~~101~~	~~13 (9.4)~~	~~113~~
~~Sector earnings yield~~	~~114~~	~~13 (9.4)~~	~~126~~
~~Sector average PE ratio sign~~	~~127~~	~~1 (T)~~	~~127~~
~~Sector Average ARHEPS sign~~	~~128~~	~~1 (T)~~	~~128~~
~~Sector earnings yield sign~~	~~129~~	~~1 (T)~~	~~129~~
~~Sector average Instrument Annualised Rolling Adjusted REIT Distribution~~	~~130~~	~~13 (9.4)~~	~~142~~
~~Sector REIT Distribution yield~~	~~143~~	~~13 (9.4)~~	~~155~~

FIELD NAME	START POS	LENGHTH	DATA TYPE	END POS
Sector Code	42	8	-	49
Sector Number Of Trades	50	9	N	58
Number Of Days Sector Traded	59	9	N	67
Sector Average Price Earnings Ratio	68	13	N	80
Sector average Instrument Annualised Rolling Adjusted Dividend	81	13	N	93
Sector average Instrument Annualised Rolling Adjusted Headline Earnings	94	13	N	106
Sector Dividend Yield	107	13	N	119
Sector Earnings Yield	120	13	N	132
Sector Average PE Ratio Sign	133	1	-	133
Sector Average ARHEPS Sign	134	1	-	134
Sector Earnings Yield Sign	135	1	-	135
Sector Average Instrument Annualised Rolling Adjusted REIT Distribution	136	13	N	148
Sector REIT Distribution Yield	149	13	N	161

FIELD DESCRIPTIONS:

SECTOR CODE	All instruments in the market are grouped into sectors, according to the type of business they represent.
SECTOR NUMBER OF TRADES	The number of trades which took place for the sector during the last year.
NUMBER OF DAYS SECTOR TRADED	The number of days the sector traded during the year
SECTOR AVERAGE PRICE EARNINGS RATIO	The Average Price Earnings Ratio for a Sector on a Trading Day

SECTOR AVERAGE INSTRUMENT ANNUALISED ROLLING ADJUSTED DIVIDEND	Sector Average Annualised Rolling Adjusted Dividends per Instrument
SECTOR AVERAGE INSTRUMENT ANNUALISED ROLLING ADJUSTED HEADLINE EARNINGS	Sector Average Annualised Rolling Headline Earnings per Instrument
SECTOR DIVIDEND YIELD	The Dividend Yield for a Sector on a Trading Day
SECTOR EARNINGS YIELD	The Earnings Yield for a Sector on a Trading Day
SECTOR AVERAGE PE RATIO SIGN	Sign indicating the average price earnings ratio e.g. 'N' for negative value and 'P' for positive value
SECTOR AVERAGE ARHEPS SIGN	Sign indicating the average ARHEPS e.g. 'N' for negative value and 'P' for positive value
SECTOR EARNINGS YIELD SIGN	Sign indicating the earnings yield e.g. 'N' for negative value and 'P' for positive value
SECTOR AVERAGE INSTRUMENT ANNUALISED ROLLING ADJUSTED REIT DISTRIBUTION	Sector Average Instrument Annualised Rolling Adjusted REIT Distribution
SECTOR REIT DISTRIBUTION YIELD	The REIT Distribution Yield for a Sector on a Trading Day

11.17 Annual top 20 instrument up/down – Disseminated Daily

The annual top 20 instrument up/down are the shares, which have shown the highest price gain, or price declines for the year.

All annual top 20 instrument up/down fall within record type AT. The relevant field layouts are listed below.

11.17.1 **Record type AT sub type 01 sequence no 01-07**

This record type shows the shares with the largest price gains for the year.

FIELD NAME	START POS	LENGTH	END POS
Instrument alpha code	40	6 (T)	45
Instrument Closing Price	46	9	54
Closing price change in cents	55	9	63
Percentage closing price change	64	7 (5.2)	70
Instrument Numeric Code	71	7	77
Instrument alpha code	78	6 (T)	83
Instrument Closing Price	84	9	92
Closing price change in cents	93	9	101
Percentage closing price change	102	7 (5.2)	108
Instrument Numeric Code	109	7	115
Instrument alpha code	116	6 (T)	121

FIELD NAME	START POS	LENGHTH	DATA TYPE	END POS
~~Instrument Closing Price~~	~~122~~	~~9~~		~~130~~
~~Closing price change in cents~~	~~131~~	~~9~~		~~139~~
~~Percentage closing price change~~	~~140~~	~~7 (5.2)~~		~~146~~
~~Instrument Numeric Code~~	~~147~~	~~7~~		~~153~~

FIELD NAME	START POS	LENGHTH	DATA TYPE	END POS
Instrument Alpha Code	42	6	-	47
Instrument Closing Price	48	9	N	56
Closing Price Change In Cents	57	9	N	65
Percentage Closing Price Change	66	7	N	72
Instrument Numeric Code	73	7	N	79
Instrument Alpha Code	80	6	-	85
Instrument Closing Price	86	9	N	94
Closing Price Change In Cents	95	9	N	103
Percentage Closing Price Change	104	7	N	110
Instrument Numeric Code	111	7	N	117
Instrument Alpha Code	118	6	-	123
Instrument Closing Price	124	9	N	132
Closing Price Change In Cents	133	9	N	141
Percentage Closing Price Change	142	7	N	148
Instrument Numeric Code	149	7	N	155

FIELD DESCRIPTIONS:

INSTRUMENT ALPHA CODE — All instruments traded on the market are identified by a unique alpha code.

INSTRUMENT CLOSING PRICE — The instrument closing price as calculated by the Trading Engine.

CLOSING PRICE CHANGE IN CENTS — The closing price variation for the period quoted in cents.

PERCENTAGE CLOSING PRICE CHANGE — The closing price variation for the period quoted as a percentage.

11.17.2 **Record type AT sub type 02 sequence no 01-07**

This record type shows the shares with the largest price declines for the year.

FIELD NAME	START POS	LENGTH	END POS
Instrument alpha code	40	6 (T)	45
Instrument Closing Price	46	9	54
Closing price change in cents	55	9	63
Percentage closing price change	64	7 (5.2)	70
Instrument Numeric Code	71	7	77
Instrument alpha code	78	6 (T)	83
Instrument Closing Price	84	9	92
Closing price change in cents	93	9	101
Percentage closing price change	102	7 (5.2)	108
Instrument Numeric Code	109	7	115
Instrument alpha code	116	6 (T)	121
Instrument Closing Price	122	9	130
Closing price change in cents	131	9	139
Percentage closing price change	140	7 (5.2)	146
Instrument Numeric Code	147	7	153

FIELD NAME	START POS	LENGHTH	DATA TYPE	END POS
Instrument Alpha Code	42	6	-	47
Instrument Closing Price	48	9	N	56
Closing Price Change In Cents	57	9	N	65
Percentage Closing Price Change	66	7	N	72
Instrument Numeric Code	73	7	N	79
Instrument Alpha Code	80	6	-	85
Instrument Closing Price	86	9	N	94
Closing Price Change In Cents	95	9	N	103
Percentage Closing Price Change	104	7	N	110
Instrument Numeric Code	111	7	N	117
Instrument Alpha Code	118	6	-	123
Instrument Closing Price	124	9	N	132
Closing Price Change In Cents	133	9	N	141
Percentage Closing Price Change	142	7	N	148
Instrument Numeric Code	149	7	N	155

FIELD DESCRIPTIONS:

INSTRUMENT ALPHA CODE — All instruments traded on the market are identified by a unique alpha code.

INSTRUMENT CLOSING PRICE — The instrument closing price as calculated by the Trading Engine.

CLOSING PRICE CHANGE IN CENTS — The closing price variation for the period quoted in cents.

PERCENTAGE CLOSING PRICE CHANGE   The closing price variation for the period quoted as a percentage.

12   END OF DAY EQUITY DATA PRODUCTS (RECORDS) - WEEKLY

12.1   Weekly Instrument statistics

The weekly Instrument statistics are calculated at the close of business on a Friday for shares, which were traded on the market during the week. The records contain key market indicators.

All weekly Instrument statistics fall within record type WE. The statistics are grouped into various Sub Types, which allows you to select the type of information you require. The different Sub Types and the relevant field layouts are listed below.

12.1.1   Record type WE sub type 01 sequence no. 01

FIELD NAME	START POS	LENGTH SHARE PRICE TYPES:		END POS
		CENTS	%	
Instrument numeric code	40	7		46
Instrument Closing price	47	9	7.2	55
Adjusted High trade price	56	9	7.2	64
Adjusted Low trade price	65	9	7.2	73
Instrument Number of Trades	74	7		80
Price Earnings ratio	81	11 (7.4)		91
Closing price change in cents	92	9		100
Percentage closing price change	101	7 (5.2)		107
Instrument Gain/Loss indicator	108	1 (T)		108
Buyer price	109	9	7.2	117
Seller price	118	9	7.2	126
Instrument status	127	1 (T)		127
Price/earnings ratio sign	128	1 (T)		128
Share price type (% or C)	129	1 (T)		129

FIELD NAME	START POS	LENGHTH	DATA TYPE	END POS
Instrument Numeric Code	42	7	N	48
Instrument Closing Price	49	9	N	57
Instrument Market Capitalisation	58	9	N	66
Adjusted Low Trade Price	67	9	N	75
Instrument Number Of Trades	76	7	N	82
Price Earnings Ratio	83	11	N	93
Closing Price Change In Cents	94	9	N	102
Percentage Closing Price Change	103	7	N	109
Instrument Gain/Loss Indicator	110	1	-	110
Buyer Price	111	9	N	119
Seller Price	120	9	N	128
Instrument Status Code	129	1	-	129
Price Earnings Ratio Sign	130	1	-	130
Share Price Type (% or C)	131	1	-	131

FIELD DESCRIPTIONS:

INSTRUMENT NUMERIC CODE	All instruments traded on the market are identified by a unique numeric code.
INSTRUMENT CLOSING PRICE	The instrument closing price as calculated by the Trading Engine.
ADJUSTED HIGH TRADE PRICE	The Adjusted Highest trade price for the week
ADJUSTED LOW TRADE PRICE	The Adjusted Low Trade Price for the Week
INSTRUMENT NUMBER OF TRADES	The number of Trades that took place for a Week period for every Instrument
PRICE EARNINGS RATIO	The number of Years worth of Earnings it will take to recoup the purchase price per Instrument
CLOSING PRICE CHANGE IN CENTS	The closing price variation for the period quoted in cents.
PERCENTAGE CLOSING PRICE CHANGE	The closing price variation for the period quoted as a percentage
INSTRUMENT GAIN/LOSS INDICATOR	This indicated if there was a Closing Price Gain or Loss for the Day for every Instrument
BUYER PRICE	The latest cash offer to buy a share.
SELLER PRICE	The latest cash offer to sell a share.
INSTRUMENT STATUS	This indicates the current status of the instrument.
PRICE EARNINGS RATIO SIGN	Value sign for P/E ratio e.g. 'N' for negative Value and 'P' for positive Value.
SHARE PRICE TYPE (% or C)	This indicates if the price format for the instrument is a percentage or cents. If the price format is a % the record lengths will differ as per the layout.

12.1.2 Record type WE Sub type 01 sequence no.02

FIELD NAME	START POS	LENGTH	END POS
Instrument Adjusted Volume Traded	40	13	52
Instrument Value Traded	53	13	65
Instrument Numeric Code	66	7	72

FIELD NAME	START POS	LENGHTH	DATA TYPE	END POS
Adjusted Volume Traded	42	13	N	54
Instrument Value Traded	55	13	N	67
Instrument Numeric Code	68	7	N	74

FIELD DESCRIPTIONS:

INSTRUMENT ADJUSTED VOLUME TRADED	The Adjusted Volume Traded for every Instrument for every Trading Day in a Week
INSTRUMENT VALUE TRADED	The Value Traded for every Instrument for all Trading Days in a Week

12.1.3 Record type WE sub type 02

FIELD NAME	START POS	LENGTH	END POS
Instrument numeric code	40	7	46
Last deal traded price	47	9	55
Instrument Market capitalisation	56	14	69
Adjusted Low Trade Price Date	70	8	77
Adjusted High Trade Price Date	78	8	85
Number of days instrument traded	86	9	94
Average number of days instrument traded	95	9 (1.8)	103
Instrument Adjusted Average volume traded	104	13	116
Instrument Average Value Traded	117	13	129
Instrument Average number of trades	130	9	138
Instrument type code	139	10 (T)	148
Delisting date	149	8	156

FIELD NAME	START POS	LENGHTH	DATA TYPE	END POS
Instrument Numeric Code	42	7	N	48
Last Deal Traded Price	49	9	N	57
Instrument Market Capitalisation	58	14	N	71
Adjusted Low Trade Price Date	72	8	DATE	79
Adjusted High Trade Price Date	80	8	DATE	87
Number Of Days Instrument Traded	88	9	N	96
Average Number Of Trade Days	97	9	N	105
Instrument Adjusted Average Volume Traded	106	13	N	118
Instrument Average Value Traded	119	13	N	131
Instrument Average Number Of Trades	132	9	N	140
Instrument Type Code	141	10		150

Delisting Date	151	8	DATE	158

FIELD DESCRIPTIONS:

INSTRUMENT NUMERIC CODE	All instruments traded on the market are identified by a unique numeric code.
LAST DEAL TRADED PRICE	The Last Automatic or Negotiated Trade Price for the Day for every Instrument
INSTRUMENT MARKET CAPITALISATION	The Instrument's number of listed shares in the market, multiplied by it's Closing Price.
ADJUSTED LOW TRADE PRICE DATE	The Date on which the Adjusted Low Trade Price for the Week was attained.
ADJUSTED HIGH TRADE PRICE DATE	The Date on which the Adjusted High Trade Price for the week was attained.
NUMBER OF DAYS INSTRUMENT TRADED	The Number of Days an Instrument traded during the Week.
AVERAGE NUMBER OF DAYS INSTRUMENT TRADED	The Average Number of Days an Instrument traded during
INSTRUMENT ADJUSTED AVERAGE VOLUME TRADED	The Average Adjusted Volume Traded for every Instrument for all Trading Days in a Week
INSTRUMENT AVERAGE VALUE TRADED	The Average Value Traded for every Instrument for all trading days in a Week
INSTRUMENT AVERAGE NUMBER OF TRADES	The Average Number of Trades that took place for a Week period for every Instrument
INSTRUMENT TYPE CODE	This indicates the type of instrument.
DELISTING DATE	The date on which an instrument was de-listed.

12.1.4 Type WE sub type 03 sequence no.01

FIELD NAME	START POS	LENGTH	END POS
Instrument numeric code	40	7	46
Instrument Dividend yield	47	7 (3.4)	53
Instrument Earnings yield	54	8 (4.4)	61
Instrument Annualised rolling adjusted dividend cover	62	7 (3.4)	68
EX dividend indicator	69	1 (T)	69
Last years maiden	70	1 (T)	70
Last years special	71	1 (T)	71
Total Instrument Annualised Rolling Adjusted Dividend - Previous Financial Year	72	15 (9.6)	86

~~Instrument Declared Earnings Adjusted - financial year~~	~~87~~	~~15 (9.6)~~	~~101~~
~~Last 4 quarters maiden~~	~~102~~	~~1 (T)~~	~~102~~
~~Last 4 quarters special~~	~~103~~	~~1 (T)~~	~~103~~
~~Instrument Annualised rolling adjusted dividend~~	~~104~~	~~15 (9.6)~~	~~118~~
~~Instrument Annualised rolling adjusted headline earnings~~	~~119~~	~~15 (9.6)~~	~~133~~
~~Total number of shares~~	~~134~~	~~15~~	~~148~~
~~Instrument REIT Distribution yield~~	~~149~~	~~7 (3.4)~~	~~155~~

FIELD NAME	START POS	LENGHTH	DATA TYPE	END POS
Instrument Numeric Code	42	7	N	48
Market Dividend Yield	49	7	N	55
Earnings Yield	56	**8**	N	63
Instrument Annual Rolling Adjusted Dividend Cover	64	7	N	70
EX Dividend Indicator	71	1	-	71
Last Years Maiden	72	1	-	72
Last Year Special	73	1	-	73
Total Instrument Annualised Rolling Adjusted Dividend - Previous Financial Year	74	15	N	88
Instrument Declared Earnings Adjusted Financial Year	89	15	N	103
Last 4 Quarters Maiden	104	1	-	104
Last 4 Quarters Special	105	1	-	105
Instrument Annualised Rolling Adjusted Dividend	106	15	N	120
Instrument Annualised Rolling Adjusted Headline Earnings	121	15	N	135
Total Number Of Shares	136	15	N	150
Instrument REIT Distribution Yield	151	7	-	157

FIELD DESCRIPTIONS:

INSTRUMENT NUMERIC CODE — All instruments traded on the market are identified by a unique numeric code.

INSTRUMENT DIVIDEND YIELD — The Annualised Rolling Dividends per Instrument divided by the Closing Price, per Instrument.

INSTRUMENT EARNINGS YIELD — The percentage of the purchase price that will be recouped in Earnings per Year per Instrument

INSTRUMENT ANNUALISED ROLLING ADJUSTED DIVIDEND COVER — The Annualised Rolling Headline Earnings per Instrument divided by the Annualised Rolling Dividends per Instrument.

EX DIVIDEND INDICATOR — This indicates if an instrument is currently trading 'ex dividend', i.e. the seller and not the purchaser is entitled to receive the dividend.

LAST YEARS MAIDEN	This indicates whether a maiden dividend was declared over the past financial year.
LAST YEARS SPECIAL	This indicates whether a special dividend or other payment was declared over the past financial year.
TOTAL INSTRUMENT ANUALISED ROLLING ADJUSTED DIVIDEND-PREVIOUS FINANCIAL YEAR	The Total Adjusted Dividend per Instrument that was declared within the previous Financial Year
INSTRUMENT DECLARED EARNINGS ADJUSTED – FIN YR	The total Declared Headline Earnings for the applicable Financial Year, adjusted for changes due to relevant Corporate Actions.
LAST 4 QUARTERS MAIDEN	This indicates whether a maiden dividend has been declared over the past 4 quarters.
LAST 4 QUARTERS SPECIAL	This indicates whether a special dividend or other payment has been declared over the past 4 quarters.
INSTRUMENT ANNUALISED ROLLING ADJUSTED DIVIDEND	Annualised Rolling Adjusted Dividend per Instrument
INSTRUMENT ANNUALISED ROLLING ADJUSTED HEADLINE EARNINGS TOTAL NUMBER OF SHARES	Annualised Rolling Adjusted Headline Earnings per Instrument, for the last 4 quarters The total number of Instrument listed shares currently available for trading in the Market.
INSTRUMENT REIT DISTRIBUTION YIELD	The annualised rolling REIT distributions per instrument, divided by the closing price, per instrument

12.1.5 Type WE sub type 03 sequence no. 02

FIELD NAME	START POS	LENGTH	END POS
~~Earnings yield sign~~	~~40~~	~~1 (T)~~	~~40~~
~~Dividend cover sign~~	~~41~~	~~1 (T)~~	~~41~~
~~Last 4 quarters earnings sign~~	~~42~~	~~1 (T)~~	~~42~~
~~Instrument Numeric Code~~	~~43~~	~~7~~	~~49~~

FIELD NAME	START POS	LENGHTH	DATA TYPE	END POS
Earnings Yield Sign	42	1	-	42
Dividend Cover Sign	43	1	-	43
Last 4 Quarters Earnings Sign	44	1	N	44
Instrument Numeric Code	45	7	-	51

FIELD DESCRIPTIONS:

EARNINGS YIELD SIGN	Value sign for earnings yield sign e.g. 'N' for negative value and 'P' for positive value.
DIVIDEND COVER SIGN	Value sign for dividend cover e.g. 'N' for negative value and 'P' for positive value.
LAST 4 QUARTERS EARNINGS SIGN	Sign indicating the earnings value e.g. 'N' for negative value and 'P' for positive value

12.1.6 Record type WE sub type 04

FIELD NAME	START POS	LENGTH	END POS
~~Instrument numeric code~~	~~40~~	~~7~~	~~46~~
~~Instrument Adjusted Overactive Volume Traded~~	~~47~~	~~13 (9.4)~~	~~59~~
~~Instrument Volume Density Value~~	~~60~~	~~13 (9.4)~~	~~72~~
~~Adjusted High Trade Price~~	~~73~~	~~9~~	~~81~~
~~Adjusted Low Trade Price~~	~~82~~	~~9~~	~~90~~
~~Instrument Adjusted Volume Traded~~	~~91~~	~~13~~	~~103~~

FIELD NAME	START POS	LENGHTH	DATA TYPE	END POS
Instrument Numeric Code	42	7	N	48
Instrument Adjusted Overactive Volume Traded	49	13	N	61
Instrument Volume Density Value	62	13	N	74
High Trade Price	75	9	N	83
Adjusted Low Trade Price	84	9	N	92
Instrument Adjusted Volume Traded	93	13	N	105

FIELD DESCRIPTIONS:

INSTRUMENT NUMERIC CODE	All instruments traded on the market are identified by a unique numeric code.
INSTRUMENT ADJUSTED OVERACTIVE VOLUME TRADED	The Volume Traded for all Trading Days in a Week divided by the Average Adjusted Volume Traded over the last 12 Months
INSTRUMENT VOLUME DENSITY VALUE	Highest percentage of Instrument listed shares traded in a week.
ADJUSTED HIGH TRADE PRICE	The Adjusted Highest trade price for the week
ADJUSTED LOW TRADE PRICE	The Adjusted Lowest trade price for the week
INSTRUMENT ADJUSTED VOLUME TRADED	The Adjusted Volume Traded for every Instrument for every Trading Day in a Week

12.2 Weekly Sector Statistics

All shares, which are traded on the market, are grouped according to the type of business they represent.

The statistics for each sector are calculated at the close of business on a Friday for the shares, which were traded on the market, during the week.

All weekly sector statistics fall within record type WS.

The statistics are grouped into various Sub Types, which allows you to select the type of information you require. The different Sub Types and the relevant field layouts are listed below.

12.2.1 Record type WS sub type 01

FIELD NAME	START POS	LENGTH	END POS
Sector code	40	4 (T)	43
Sector Number of active instruments	44	9	52
Sector Total Annualised Rolling Adjusted Dividend	53	13 (9.4)	65
Sector Total Annualised Rolling Adjusted Headline Earnings	66	13 (9.4)	78
Sector Market capitalisation	79	14	92
Sector total ARHEPS sign	93	1 (T)	93
Sector total dividend	94	13 (9.4)	106
Sector total earnings	107	13 (9.4)	119
Sector Number of instruments	120	5	124
Total sector closing price	125	13	137
Sector total earnings sign	138	1 (T)	138
Sector Total Annualised Rolling Adjusted REIT Distribution	139	13 (9.4)	151
Sector total REIT Distribution	152	13 (9.4)	164

FIELD NAME	START POS	LENGHTH	DATA TYPE	END POS
Sector Code	42	8	-	49
Sector Number Of Active Instruments	50	9	N	58
Sector Total Annualised Rolling Adjusted Dividend	59	13	N	71
Sector Total Annualised Rolling Adjusted Headline Earnings	72	13	N	84
Sector Market Capitalisation	85	14	N	98
Sector Total ARHEPS Sign	99	1	-	99
Sector Total Dividend	100	13	N	112
Sector Total Earnings	113	13	N	125
Sector Number Of Instruments	126	5	N	130
Total Sector Closing Price	131	13	N	143
Sector Total Earnings Sign	144	1	-	144
Sector Total Annualised Rolling Adjusted REIT Distribution	145	13	N	157
Sector Total REIT Distribution	158	13	N	170

FIELD DESCRIPTIONS:

SECTOR CODE	All instruments in the market are grouped into sectors, according to the type of business they represent.
SECTOR NUMBER OF ACTIVE INSTRUMENTS	The number of Active Instruments within the Sector for all Trading Days in a Week
SECTOR TOTAL ANNUALISED ROLLING ADJUSTED DIVIDEND	SUM (Annualised Rolling Dividends per Instrument) for all Instruments in Sector
SECTOR TOTAL ANNUALSED ROLLING ADJUSTED HEADLINE EARNINGS	Total Annualised Rolling Headline Earnings per Instrument for all Instruments in a Sector.
SECTOR MARKET CAPITALISATION	The Total Market Capitalisation for all Instruments within a Sector on a Trading Day.
SECTOR TOTAL ARHEPS SIGN	Sign indicating the ARHEPS Value e.g. 'N' for negative Value and 'P' for positive Value.
SECTOR TOTAL DIVIDEND	SUM (Annualised Rolling Dividends per Instrument) for all Instruments in Sector
SECTOR TOTAL EARNINGS	SUM (Annualised Rolling Headline Earnings per Instrument)
SECTOR NUMBER OF INSTRUMENTS	The number of Current or Suspended Instruments within the Sector for a Week Period
TOTAL SECTOR CLOSING PRICE	The accumulated Closing Prices of all the Instruments within the Sector.
SECTOR TOTAL EARNINGS SIGN	Sign indicating earnings Value e.g. 'N' for negative Value and 'P' for positive Value
SECTOR TOTAL ANNUALISED ROLLING ADJUSTED REIT DISTRIBUTION	SUM(Annualised rolling REIT distributions per instrument) for all Instruments in Sector
SECTOR TOTAL REIT DISTRIBUTION	SUM (Annualised Rolling REIT distributions per Instrument) for all Instruments in Sector

12.2.2 Record type WS sub type 02

FIELD NAME	START POS	LENGTH	END POS
~~Sector code~~	~~40~~	~~4 (T)~~	~~43~~
~~Sector Adjusted Volume Traded~~	~~44~~	~~13~~	~~56~~
~~Sector Value Traded~~	~~57~~	~~15~~	~~71~~
~~Sector Number of instruments closing price up~~	~~72~~	~~9~~	~~80~~
~~Sector Number of instruments closing price down~~	~~81~~	~~9~~	~~89~~
~~Sector Number of instruments with new high trade price~~	~~90~~	~~9~~	~~98~~
~~Sector Number of instruments with new low trade price~~	~~99~~	~~9~~	~~107~~

FIELD NAME	START POS	LENGHTH	DATA TYPE	END POS
Sector Code	42	8		49
Sector Adjusted Volume Traded	50	13	N	62
Sector Value Traded	63	15	N	77
Sector Number Of Instruments Closing Price Up	78	9	N	86
Sector Number Of Instruments Closing Price Down	87	9	N	95
Sector Number Of Instruments With New High Trade Price	96	9	N	104
Sector Number Of Instruments With New Low Trade Price	105	9	N	113

FIELD DESCRIPTIONS:

SECTOR CODE — All instruments in the market are grouped into sectors, according to the type of business they represent.

SECTOR ADJUSTED VOLUME TRADED — The Adjusted Volume Traded for every Instrument in a Sector for every Trading Day in a Week

SECTOR VALUE TRADED — The Value Traded for every Instrument in a Sector for all Trading Days in a Week

SECTOR NUMBER OF INSTRUMENTS CLOSING PRICE UP — The number of Instruments within the Sector, which showed an Increase in the Latest Closing Price compared to the Adjusted Closing Price on the Last Trading Day in the Previous Week

SECTOR NUMBER OF INSTRUMENTS CLOSING PRICE DOWN — The number of Instruments within the Sector, which showed a Decrease in the Latest Closing Price compared to the Adjusted Closing Price on the Last Trading Day in the Previous Week

SECTOR NUMBER OF INSTRUMENTS WITH NEW HIGH TRADE PRICE — The number of Instruments within the Sector, which attained a new High Trade Price during the Week.

SECTOR NUMBER OF INSTRUMENTS WITH NEW LOW TRADE PRICE

The number of Instruments within the Sector, which attained a new Low Trade Price during the Week

.

12.2.3 Record type WS sub type 03

FIELD NAME	START POS	LENGTH	END POS
~~Sector code~~	~~40~~	~~4 (T)~~	~~43~~
~~Sector Number of trades~~	~~44~~	~~9~~	~~52~~
~~Number of days Sector traded~~	~~53~~	~~9~~	~~61~~
~~Sector average Price Earnings ratio~~	~~62~~	~~13 (9.4)~~	~~74~~
~~Sector average Annualised Rolling Adjusted Dividend~~	~~75~~	~~13 (9.4)~~	~~87~~
~~Sector average Instrument Annualised Rolling Adjusted Headline Earnings~~	~~88~~	~~13 (9.4)~~	~~100~~
~~Sector dividend yield~~	~~101~~	~~13 (9.4)~~	~~113~~
~~Sector earnings yield~~	~~114~~	~~13 (9.4)~~	~~126~~
~~Sector average PE ratio sign~~	~~127~~	~~1 (T)~~	~~127~~
~~Sector average ARHEPS sign~~	~~128~~	~~1 (T)~~	~~128~~
~~Sector earnings yield sign~~	~~129~~	~~1 (T)~~	~~129~~
~~Sector REIT Distribution yield~~	~~130~~	~~13 (9.4)~~	~~142~~

FIELD NAME	START POS	LENGHTH	DATA TYPE	END POS
Sector Code	42	8	-	49
Sector Number Of Trades	50	9	N	58
Number Of Days Sector Traded	59	9	N	67
Sector Average Price Earnings Ratio	68	13	N	80
Sector Average Annualised Rolling Adjusted Dividend	81	13	N	93
Sector Average Instrument Annualised Rolling Adjusted Headline Earnings	94	13	N	106
Sector Dividend Yield	107	13	N	119
Sector Earnings Yield	120	13	N	132
Sector Average PE Ratio Sign	133	1	-	133
Sector Average ARHEPS Sign	134	1	-	134
Sector Earnings Yield Sign	135	1	-	135
Sector REIT Distribution Yield	136	13	N	148

FIELD DESCRIPTIONS:

SECTOR CODE — All instruments in the market are grouped into sectors, according to the type of business they represent.

SECTOR NUMBER OF TRADES — The Number of Trades that took place for a Week period for a Sector

NUMBER OF DAYS SECTOR TRADED — The Number of Days the Sector traded during the Week.

SECTOR AVERAGE PRICE EARNINGS RATION — The Average Price Earnings Ratio for a Sector on a Trading Day

SECTOR AVERAGE ANNUALISED ROLLING ADJUSTED DIVIDEND — Sector Average Annualised Rolling Dividends per Instrument

SECTOR AVERAGE INSTRUMENT ANNUALISED ROLLING ADJUSTED HEADLINE EARNINGS	Sector Average Annualised Rolling Headline Earnings per Instrument
SECTOR DIVIDEND YIELD	The Dividend Yield for a Sector on a Trading Day
SECTOR EARNINGS YIELD	The Earnings Yield for a Sector on a Trading Day
SECTOR AVERAGE PE RATIO SIGN	Sign indicating the price earnings ratio value e.g. 'N' for negative value and 'P' for positive value.
SECTOR AVERAGE ARHEPS SIGN	Sign indicating the ARHEPS Value e.g. N' for negative value and 'P' for positive value.
SECTOR EARNINGS YIELD SIGN	Sign indicating the earnings yield value e.g. N' for negative value and 'P' for positive value.
SECTOR REIT DISTRIBUTION YIELD	The REIT Distribution Yield for a Sector on a Trading Day

12.2.4 Record type WS sub type 04

FIELD NAME	START POS	LENGTH	END POS
Sector code	40	4 (T)	43
Sector Value a year ago	44	13 (9.4)	56
Sector Dividend Yield a year ago	57	13 (9.4)	69
Sector Earnings Yield a year ago	70	13 (9.4)	82
Sector Dividend Yield a week ago	83	13 (9.4)	95
Sector Earnings Yield a week ago	96	13 (9.4)	108
Sector earnings yield a year ago sign	109	1 (T)	109
Sector earnings yield a week ago sign	110	1 (T)	110
Sector REIT Distribution Yield a year ago	111	13 (9.4)	123
Sector REIT Distribution Yield a week ago	124	13 (9.4)	136

FIELD NAME	START POS	LENGHTH	DATA TYPE	END POS
Sector Code	42	8	-	49
Sector Value A Year Ago	50	13	N	62
Sector Dividend Yield A Year Ago	63	13	N	75
Sector Earnings Yield A Year Ago	76	13	N	88
Sector Dividend Yield A Week Ago	89	13	N	101
Sector Earnings Yield A Week Ago	102	13	N	114
Sector Earnings Yield A Year Ago Sign	115	1	-	115
Sector Earnings Yield A Week Ago Sign	116	1	-	116
Sector REIT Distribution Yield A Year Ago	117	13	N	129
Sector REIT Distribution Yield A Week Ago	130	13	N	142

FIELD DESCRIPTIONS:

SECTOR CODE	All instruments in the market are grouped into sectors, according to the type of business they represent.
SECTOR VALUE A YEAR AGO	The total daily value for a sector 12 months back from the current day
SECTOR DIVIDEND YIELD A YEAR AGO	The daily dividend yield a year ago
SECTOR EARNINGS YIELD A YEAR AGO	The daily earnings yield a year ago
SECTOR DIVIDEND YIELD A WEEK AGO	The daily dividend yield a week ago
SECTOR EARNINGS YIELD A WEEK AGO	The daily earnings yield a week ago
SECTOR EARNINGS YIELD A YEAR AGO SIGN	Sign indicating the earnings yield a year ago value e.g. N' for negative value and 'P' for positive value
SECTOR EARNINGS YIELD A WEEK AGO SIGN	Sign indicating the earnings yield a week ago value e.g. N' for negative value and 'P' for positive value
SECTOR REIT DISTRIBUTION YIELD A YEAR AGO	The daily REIT Distribution Yield a year ago

SECTOR REIT DISTRIBUTION YIELD A WEEK   The daily REIT Distribution Yield a week ago
AGO

12.3 Weekly Sector Deal Statistics

All shares, which are traded on the market are grouped according to the type of business they represent.

The statistics for each sector are calculated at the close of business on the last business day for the shares, which were traded on the market, during the week.

All weekly sector deal statistics fall within record type WL.

12.3.1 Record type WL sub type 01

FIELD NAME	START POS	LENGTH	END POS
Sector code	40	4 (T)	43
Trade type	44	2 (T)	45
Sector Adjusted Trade Type Volume Traded	46	13	58
Sector Trade Type Value Traded	59	15	73
Sector Trade Type Number of trades	74	9	82
Trade type	83	2 (T)	84
Sector Adjusted Trade Type Volume traded	85	13	97
Sector Trade Type Value Traded	98	15	112
Sector Trade Type Number of trades	113	9	121

FIELD NAME	START POS	LENGHTH	DATA TYPE	END POS
Sector Code	44	8		51
Trade Type	44	2		45
Sector Trade Type Volume Traded	46	13	N	58
Sector Trade Type Value Traded	59	15	N	73
Sector Trade Type Number Of Trades	74	9	N	82
Trade Type	83	2		84
Sector Trade Type Volume Traded	85	13	N	97
Sector Trade Type Value Traded	98	15	N	112
Sector Trade Type Number Of Trades	113	9	N	121

FIELD DESCRIPTIONS:

SECTOR CODE	All instruments in the market are grouped into sectors, according to the type of business they represent.
TRADE TYPE	This indicates the type of trade which has occurred
SECTOR ADJUSTED TRADE TYPE VOLUME TRADED	The Adjusted Volume Traded for every Instrument in a Sector by Trade Type for every Trading Day in a Week
SECTOR TRADE TYPE VALUE TRADED	The Value Traded for every Instrument in a Sector by Trade Type for all Trading Days in a Week
SECTOR TRADE TYPE NUMBER OF TRADES	The number of trades for every Instrument in a Sector by Trade Type over a Week period.

12.4   Weekly overall market statistics

Weekly overall market statistics are calculated at the close of business on the last business day of the week for shares, which were traded on the market during the week. The record contains the key market statistics for the weeks trade. It provides a view of the days trade at a glance.

All weekly overall market statistics fall within record type WO. The statistics are grouped into various sub types, which allows you to select the type of information you require. The different sub types and the relevant field layouts are listed below.

12.4.1   **Record type WO sub type 01**

~~FIELD NAME~~	~~START POS~~	~~LENGTH~~	~~END POS~~
~~Market Total Adjusted Volume Traded~~	~~40~~	~~13~~	~~52~~
~~Market Total Value Traded~~	~~53~~	~~15~~	~~67~~
~~Market capitalisation for the market~~	~~68~~	~~14~~	~~81~~
~~Market Number of instruments~~	~~82~~	~~9~~	~~90~~
~~Market Number of instruments closing price up~~	~~91~~	~~9~~	~~99~~
~~Market Number of instruments closing price down~~	~~100~~	~~9~~	~~108~~
~~Market Number of active instruments~~	~~109~~	~~9~~	~~117~~
~~Market Number of instruments with new high trade price~~	~~118~~	~~9~~	~~126~~
~~Market Number of instruments with new low trade price~~	~~127~~	~~9~~	~~135~~
~~Market Number of trades~~	~~136~~	~~9~~	~~144~~

FIELD NAME	START POS	LENGHTH	DATA TYPE	END POS
Market Total Adjusted Volume Traded	42	13	N	54
Market Total Value Traded	55	15	N	69
Market Capitalisation For the Market	70	14	N	83
Market Number Of Instruments	84	9	N	92
Market Number Of Instruments Closing Price Up	93	9	N	101
Market Number Of Instruments Closing Price Down	102	9	N	110
Market Number Of Active Instruments	111	9	N	119
Market Number Of Instruments With New High Trade Price	120	9	N	128
Market Number Of Instruments With New Low Trade Price	129	9	N	137
Market Number Of Trades	138	9	N	146

FIELD DESCRIPTIONS:

MARKET TOTAL ADJUSTED VOLUME TRADED   The Total Adjusted Volume Traded for all Instruments in the Market across all Trading Day's in a Week

MARKET TOTAL VALUE TRADED   The Total Value Traded for the Market for all Trading Days in a Week

MARKET CAPITALISATION FOR THE MARKET   The Total Market Capitalisation for every Instrument in a Market on a Trading Day

MARKET NUMBER OF INSTRUMENTS	The number of Current and Suspended Instruments within the Market for all Trading Days in a Week
MARKET NUMBER OF INSTRUMENTS CLOSING PRICE UP	The number of Instruments within the Market, which showed an Increase in the Latest Closing Price compared to the Adjusted Closing Price on the Last Trading Day in the Previous Week
MARKET NUMBER OF INSTRUMENTS CLOSING PRICE DOWN	The number of Instruments within the Market, which showed a Decrease in the Latest Closing Price compared to the Adjusted Closing Price on the Last Trading Day in the Previous Week.
MARKET NUMBER OF ACTIVE INSTRUMENTS	The number of instruments within the market which traded during the week.
MARKET NUMBER OF INSTRUMENTS WITH NEW HIGH TRADE PRICE	The number of Instruments within the Market, which attained a new High Trade Price during the Week.
MARKET NUMBER OF INSTRUMENTS WITH NEW LOW TRADE PRICE	The number of Instruments within the Market, which attained a new Low Trade Price during the Week.
MARKET NUMBER OF TRADES	The number of Trades that took place for a Week period for all Instruments in a Market

12.4.2 Record type WO sub type 02

FIELD NAME	START POS	LENGTH	END POS
Market Dividend yield	40	13 (9.4)	52
Market Earnings yield	53	13 (9.4)	65
Market Price Earnings ratio	66	13 (9.4)	78
Total Number of Instrument Listed Shares In Market	79	15	93
Number of days market traded	94	3	96
Market Highest number of trades	97	9	105
Market highest number of trades date	106	8	113
Market Lowest Number of Trades	114	9	122
Market Lowest Number of Trades date	123	8	130
Earnings yield sign	131	1 (T)	131
Price/earnings ratio sign	132	1 (T)	132
Market REIT Distribution yield	133	13 (9.4)	145

FIELD NAME	START POS	LENGHTH	DATA TYPE	END POS
Market Dividend Yield	42	13	N	54
Earnings Yield	55	13	N	67
Market Price Earnings Ratio	68	13	N	80
Total Number of Instrument Listed Shares In Market	81	15	N	95
Number Of Days Market Traded	96	3	N	98
Market Highest Number Of Trades	99	9	N	107

Market Highest Number Of Trades Date	108	8	DATE	115
Market Lowest Number Of Trades	116	9	N	124
Market Lowest Number Of Trades Date	125	8	DATE	132
Earnings Yield Sign	133	1	-	133
Price Earnings Ratio Sign	134	1	-	134
Market REIT Distribution Yield	135	13	N	147

FIELD DESCRIPTIONS:

MARKET DIVIDEND YIELD	The Dividend Yield for a Market on a Trading Day.
MARKET EARNINGS YIELD	The Earnings Yield for a Market on a Trading Day.
MARKET PRICE EARNINGS RATIO	The Price Earnings Ratio for the Market on a Trading Day
TOTAL NUMBER OF INSTRUMENT LISTED SHARES IN MARKET	The Total number of Listed Instrument Shares currently available for Trading in the Market.
NUMBER OF DAYS MARKET TRADED	The Number of Days on which a Market traded during the Week.
MARKET HIGHEST NUMBER OF TRADES	The Highest Number of Trades that took place on a Day for a Week period for a Market
MARKET HIGHEST NUMBER OF TRADES DATE	The Date on which the Highest Number of Trades took place on a Day for a Week period for a Market was attained
MARKET LOWEST NUMBER OF TRADES	The Lowest Number of Trades that took place on a Day for a Week period for a Market
MARKET LOWEST NUMBER OF TRADES DATE	The Date on which the Lowest Number of Trades took place on a Day for a Week period for a Market was attained.
EARNINGS YIELD SIGN	Value sign for earnings yield e.g. 'N' for negative Value and 'P' for positive value
PRICE/EARNINGS RATIO SIGN	Value sign for P/E ratio e.g. 'N' for negative Value and 'P' for positive Value
MARKET REIT DISTRIBUTION YIELD	The REIT Distribution Yield for a Market on a Trading day

12.4.3 Record type WO sub type 03

FIELD NAME	START POS	LENGTH	END POS
~~Market Highest Adjusted volume traded~~	~~40~~	~~13~~	~~52~~
~~Market Highest Adjusted Volume Traded Date~~	~~53~~	~~8~~	~~60~~
~~Market Lowest Adjusted Volume Traded~~	~~61~~	~~13~~	~~73~~
~~Market Lowest Adjusted Volume Traded Date~~	~~74~~	~~8~~	~~81~~
~~Market Highest Value Traded~~	~~82~~	~~13~~	~~94~~
~~Market Highest Value Traded Date~~	~~95~~	~~8~~	~~102~~
~~Market Lowest Value traded~~	~~103~~	~~15~~	~~117~~
~~Market Lowest Value traded Date~~	~~118~~	~~8~~	~~125~~

FIELD NAME	START POS	LENGHTH	DATA TYPE	END POS
Market Highest Adjusted Volume Traded	42	13	N	54
Market Highest Adjusted Volume Traded Date	55	8	DATE	62
Market Lowest Adjusted Volume Traded	63	13	N	75
Market Lowest Adjusted Volume Traded Date	76	8	DATE	83
Market Highest Value Traded	84	13	N	96
Market Highest Value Traded Date	97	8	DATE	104
Market Lowest Value Traded	105	15	N	119
Market Lowest Value Traded Date	120	8	DATE	127

FIELD DESCRIPTIONS:

MARKET HIGHEST ADJUSTED VOLUME TRADED	The Highest Adjusted Volume Traded for the Market in a Week across all Trading Day's in a Week
MARKET HIGHEST ADJUSTED VOLUME TRADED DATE	The Date on which the Highest Adjusted Volume Traded for the Market in a Week across all Trading Day's in a Week was attained.
MARKET LOWEST ADJUSTED VOLUME TRADED	The Lowest Adjusted Volume Traded for the Market in a week across all Trading Day's in a Week
MARKET LOWEST ADJUSTED VOLUME TRADED DATE	The Date on which the Lowest Adjusted Volume Traded for the Market in a Week across all Trading Day's in a Week was attained
MARKET HIGHEST VALUE TRADED	The Highest Value Traded for the Market in a Day across all Trading Day's in a Week
MARKET HIGHEST VALUE TRADED DATE	The Date on which the Highest Value Traded for the Market in a Day across all Trading Day's in a Week was attained.
MARKET LOWEST VALUE TRADED	The Lowest Value Traded for the Market in a Day across all Trading Day's in a Week was attained.
MARKET LOWEST VALUE TRADED DATE	The Date on which the Lowest Value Traded for the Market in a Day across all Trading Day's in a Week was attained.

12.5 Weekly overall market deal statistics

Weekly overall market deal statistics are calculated at the close of business on the last business day of the week for shares, which were traded on the market during that week. It contains the all the summarized deal information for the market.

All weekly overall market deal statistics fall within record type DW.

12.5.1 Record type DW sub type 01

FIELD NAME	START POS	LENGTH	END POS
Trade type	40	2 (T)	41
Market Trade Type Total Adjusted Volume Traded	42	13	54
Market Trade Type Total Value Traded	55	15	69
Market Trade Type Number of Trades	70	9	78
Trade type	79	2 (T)	80
Market Trade Type Total Adjusted Volume Traded	81	13	93
Market Trade Type Total Value Traded	94	15	108
Market Trade Type Number of Trades	109	9	117

FIELD NAME	START POS	LENGHTH	DATA TYPE	END POS
Trade Type	42	2	-	43
Market Trade Type Total Volume Traded	44	13	N	56
Market Trade Type Total Value Traded	57	15	N	71
Market Number Of Trades	72	9	N	80
Trade Type	81	2	-	82
Market Trade Type Total Volume Traded	83	13	N	95
Market Trade Type Total Value Traded	96	15	N	110
Market Number Of Trades	111	9	N	119

FIELD DESCRIPTIONS:

TRADE TYPE — The code indicating the type of Trade.

MARKET TRADE TYPE TOTAL ADJUSTED VOLUME TRADED — The Total Adjusted Volume Traded for all Instruments in the Market per Trade Type across all Trading Day's in a Week

MARKET TRADE TYPE TOTAL VALUE TRADED — The Total Value Traded for the Market per Trade Type for all Trading Day's in a Week

MARKET TRADE TYPE NUMBER OF TRADES — The Number of Trades that took place for a Market per Trade Type across all Trading Days in a Week

12.6 Weekly top 20 instruments up/down

The weekly top 20 instruments up/down, are the shares, which have shown the highest price gain or price declines for the week. All weekly top 20 instruments up/down fall within record type WT sub type 01 and 02. WT01 shows the shares with the largest price gains for the week and WT02 shows the shares with the largest price declines for the week.

12.6.1 Record type WT sub type 01 sequence no 01-07

This record type shows the shares with the largest price gains for the week.

FIELD NAME	START POS	LENGTH	END POS
~~Instrument alpha code~~	~~40~~	~~6 (T)~~	~~45~~
~~Instrument Closing Price~~	~~46~~	~~9~~	~~54~~
~~Closing Price change in cents~~	~~55~~	~~9~~	~~63~~
~~Percentage Closing price change~~	~~64~~	~~7 (5.2)~~	~~70~~
~~Instrument Numeric Code~~	~~71~~	~~7~~	~~77~~
~~Instrument alpha code~~	~~78~~	~~6 (T)~~	~~83~~
~~Instrument Closing Price~~	~~84~~	~~9~~	~~92~~
~~Closing Price change in cents~~	~~93~~	~~9~~	~~101~~
~~Percentage Closing price change~~	~~102~~	~~7 (5.2)~~	~~108~~
~~Instrument Numeric Code~~	~~109~~	~~7~~	~~115~~
~~Instrument alpha code~~	~~116~~	~~6 (T)~~	~~121~~
~~Instrument Closing Price~~	~~122~~	~~9~~	~~130~~
~~Closing Price change in cents~~	~~131~~	~~9~~	~~139~~
~~Percentage Closing price change~~	~~140~~	~~7 (5.2)~~	~~146~~
~~Instrument Numeric Code~~	~~147~~	~~7~~	~~153~~

FIELD NAME	START POS	LENGHTH	DATA TYPE	END POS
Instrument Alpha Code	42	6		47
Instrument Closing Price	48	9	N	56
Closing Price Change In Cents	57	9	N	65
Percentage Closing Price Change	66	7	N	72
Instrument Numeric Code	73	7	N	79
Instrument Alpha Code	80	6		85
Instrument Closing Price	86	9	N	94
Closing Price Change In Cents	95	9	N	103
Percentage Closing Price Change	104	7	N	110
Instrument Numeric Code	111	7	N	117
Instrument Alpha Code	118	6		123
Instrument Closing Price	124	9	N	132
Closing Price Change In Cents	133	9	N	141
Percentage Closing Price Change	142	7	N	148
Instrument Numeric Code	149	7	N	155

FIELD DESCRIPTIONS:

INSTRUMENT ALPHA CODE

All instruments traded on the market are identified by a unique alpha code.

INSTRUMENT CLOSING PRICE   The instrument closing price as calculated by the Trading Engine.

CLOSING PRICE CHANGE IN CENTS   The closing price variation for the period quoted in cents.

PERCENTAGE CLOSING PRICE CHANGE   The closing price variation for the period quoted as a percentage.

12.6.2 Record type WT sub type 02 sequence no 01-07

This record type shows the shares with the largest price declines for the week.

FIELD NAME	START POS	LENGTH	END POS
Instrument alpha code	40	6 (T)	45
Instrument Closing Price	46	9	54
Closing Price change in cents	55	9	63
Percentage Closing price change	64	7 (5.2)	70
Instrument Numeric Code	71	7	77
Instrument alpha code	78	6 (T)	83
Instrument Closing Price	84	9	92
Closing Price change in cents	93	9	101
Percentage Closing price change	102	7 (5.2)	108
Instrument Numeric Code	109	7	115
Instrument alpha code	116	6 (T)	121
Instrument Closing Price	122	9	130
Closing Price change in cents	131	9	139
Percentage Closing price change	140	7 (5.2)	146
Instrument Numeric Code	147	7	153

FIELD NAME	START POS	LENGHTH	DATA TYPE	END POS
Instrument Alpha Code	42	6		47
Instrument Closing Price	48	9	N	56
Closing Price Change In Cents	57	9	N	65
Percentage Closing Price Change	66	7	N	72
Instrument Numeric Code	73	7	N	79
Instrument Alpha Code	80	6		85
Instrument Closing Price	86	9	N	94
Closing Price Change In Cents	95	9	N	103
Percentage Closing Price Change	104	7	N	110
Instrument Numeric Code	111	7	N	117
Instrument Alpha Code	118	6		123
Instrument Closing Price	124	9	N	132
Closing Price Change In Cents	133	9	N	141
Percentage Closing Price Change	142	7	N	148
Instrument Numeric Code	149	7	N	155

FIELD DESCRIPTIONS:

INSTRUMENT ALPHA CODE — All instruments traded on the market are identified by a unique alpha code.

INSTRUMENT CLOSING PRICE — The instrument closing price as calculated by the Trading Engine.

CLOSING PRICE CHANGE IN CENTS — The closing price variation for the period quoted in cents.

PERCENTAGE CLOSING PRICE CHANGE   The closing price variation for the period quoted as a percentage.

12.7 Weekly dividends

The weekly Instrument dividend information is the latest dividend details for each share traded on the market for the week.

All weekly dividend information falls within record type WD. The different types of information are grouped together into different Sub Types, which allows you to select the type of information you require. The different Sub Types and the relevant field layouts are listed below.

12.7.1 Record type WD sub type 01

FIELD NAME	START POS	LENGTH	END POS
~~Instrument numeric code~~	~~40~~	~~7~~	~~46~~
~~Declared dividend per share~~	~~47~~	~~13 (7.6)~~	~~59~~
~~Dividend flag~~	~~60~~	~~3 (T)~~	~~62~~
~~Last Date to Register~~	~~63~~	~~8~~	~~70~~
~~Dividend Payment date~~	~~71~~	~~8~~	~~78~~
~~Previous corresponding dividend~~	~~79~~	~~13 (7.6)~~	~~91~~
~~CA Serial Number~~	~~92~~	~~10~~	~~101~~
~~Declared REIT Distribution per share~~	~~102~~	~~13 (7.6)~~	~~114~~

FIELD NAME	START POS	LENGHTH	DATA TYPE	END POS
Instrument Numeric Code	42	7	N	48
Declared Dividend Per Share	49	13	N	61
Dividend Flag	62	3		64
Last Date to Register	65	8	DATE	72
Dividend Payment Date	73	8	DATE	80
Previous Corresponding Dividend	81	13	N	93
CA Serial Number	94	10	N	103
Declared REIT Distribution Per Share	104	13	N	116

FIELD DESCRIPTIONS:

INSTRUMENT NUMERIC CODE
All instruments traded on the market are identified by a unique numeric code.

DECLARED DIVIDEND PER SHARE
The Dividend payment per share (DDPS) declared by a company, in cents.

DIVIDEND FLAG
This indicates what kind of dividend was declared.

F	Final
I	Interim
M	Maiden
S	Special

LAST DATE TO REGISTER
The date that the investor has to be registered on the share register.   (Last date to trade +5)

DIVIDEND PAYMENT DATE
The date on which the dividend will be paid out by the issuing company will be given.

PREVIOUS CORRESPONDING DIVIDEND	The dividend payment that was declared in the corresponding quarter of the previous financial year
CA SERIAL NUMBER	This reflects the CA Serial Number of the Corporate Action. It is a unique number that identifies a specific Corporate Action.
DECLARED REIT DISTRIBUTION PER SHARE	The REIT distribution per share declared by a company in cents.
NOTE:	The dividend information will be disseminated whenever a change is made to the record

13 END OF DAY EQUITY DATA PRODUCTS (RECORDS) – MONTHLY

13.1 Monthly Instrument statistics

The monthly Instrument statistics are calculated at the close of business on the last business day of the month for shares, which are traded on the market, during the month. The records display the key monthly statistics.

All monthly Instrument statistics fall within record type ME. The statistics are grouped into various Sub Types, which allows you to select the type of information you require. The different Sub Types and the relevant field layouts are listed below.

13.1.1 Record type ME sub type 01 sequence no. 01

FIELD NAME	START POS	LENGTH SHARE PRICE TYPES:		END POS
		CENTS	%	
Instrument numeric code	40	7		46
Instrument Closing price	47	9	7.2	55
Adjusted High trade price	56	9	7.2	64
Adjusted Low trade price	65	9	7.2	73
Instrument Number of trades	74	7		80
Price Earnings ratio	81	11 (7.4)		91
Closing price change in cents	92	9		100
Percentage closing price change	101	7 (5.2)		107
Instrument Gain Loss indicator	108	1 (T)		108
Buyer price	109	9	7.2	117
Seller price	118	9	7.2	126
Instrument status	127	1 (T)		127
Price/earnings ratio sign	128	1 (T)		128
Share price type (% or C)	129	1 (T)		129

FIELD NAME	START POS	LENGHTH	DATA TYPE	END POS
Instrument Numeric Code	42	7	N	48
Instrument Closing Price	49	9	N	57
Adjusted High Trade Price	58	9	N	66
Adjusted low Trade Price	67	9	N	75
Instrument Number Of Trades	76	7	N	82
Price Earnings Ratio	83	11	N	93

Closing Price Change In Cents	94	9	N	102
Percentage Closing Price Change	103	7		109
Instrument Gain/Loss Indicator	110	1	N	110
Buyer Price	111	9	N	119
Seller Price	120	9		128
Instrument Status	129	1		129
Price Earnings Ratio Sign	130	1		130
Share Price Type (% or C)	131	1	N	131

FIELD DESCRIPTIONS:

INSTRUMENT NUMERIC CODE	All instruments traded on the market are identified by a unique numeric code
INSTRUMENT CLOSING PRICE	The instrument closing price as calculated by the Trading Engine.
ADJUSTED HIGH TRADE PRICE	The Adjusted Daily Highest Trade Price for the Month
ADJUSTED LOW TRADE PRICE	The Adjusted Daily Lowest Trade Price for the Month
INSTRUMENT NUMBER OF TRADES	The number of Trades that took place for a Month period for every Instrument
PRICE EARNINGS RATIO	The number of Years worth of Earnings it will take to recoup the purchase price per Instrument
CLOSING PRICE CHANGE IN CENTS	The closing price variation for the period quoted in cents.
PERCENTAGE CLOSING PRICE CHANGE	The closing price variation for the period quoted as a percentage.
INSTRUMENT GAIN LOSS INDICATOR	This indicates if there was a Closing Price Gain or Loss for the Month for every Instrument
BUYER PRICE	The latest cash offer to buy a share.
SELLER PRICE	The latest cash offer to sell a share.
INSTRUMENT STATUS	This indicates the current status of the instrument.
PRICE/EARNINGS RATIO SIGN	Value sign for p/e ratio e.g. 'N' for negative value and 'P' for positive value
SHARE PRICE TYPE (% or C)	This indicates if the price format for the instrument is a percentage or cents. If the price format is a % the record lengths will differ as per the layout.

13.1.2 **Record type ME sub type 01 sequence no. 02**

FIELD NAME	START POS	LENGTH	END POS
Instrument Adjusted volume Traded	40	13	52
Instrument Value traded	53	13	65

FIELD NAME	START POS	LENGHTH	DATA TYPE	END POS
~~Instrument Numeric Code~~	~~66~~	~~7~~		~~72~~

FIELD NAME	START POS	LENGHTH	DATA TYPE	END POS
Instrument Adjusted Volume Traded	42	13	N	54
Instrument Value Traded	55	13	_	67
Instrument Numeric Code	68	7	N	74

FIELD DESCRIPTIONS:

INSTRUMENT ADJUSTED VOLUME TRADED — The Adjusted Volume Traded for every Instrument for every Trading Day in a Month

INSTRUMENT VALUE TRADED — The Value Traded for every Instrument for all Trading Days in a Month

13.1.3 Record type ME sub type 02

FIELD NAME	START POS	LENGTH	END POS
Instrument numeric code	40	7	46
Last deal traded price	47	9	55
Market capitalisation	56	14	69
Adjusted Low Trade Price Date	70	8	77
Adjusted High Trade Price Date	78	8	85
Number of days Instrument traded	86	9	94
Average number of days Instrument traded	95	9 (8.1)	103
Instrument Adjusted Average volume traded	104	13	116
Instrument Average value traded	117	13	129
Instrument Average number of trades	130	9	138
Instrument type code	139	10 (T)	148
Delisting date	149	8	156

FIELD NAME	START POS	LENGHTH	DATA TYPE	END POS
Instrument Numeric Code	42	7	N	48
Last Deal Traded Price	49	9	N	57
Market Capitalisation	58	14	N	71
Adjusted Low Trade Price Date	72	8	DATE	79
Adjusted High Trade Price Date	80	8	DATE	87
Instrument Numeric Code	88	9	N	96
Average Number Of Days Instrument Traded	97	9	N	105
Instrument Adjusted Average Volume Traded	106	13	N	118
Instrument Adjusted Average Value Traded	119	13	N	131
Instrument Average Number Of Trades	132	9	N	140
Instrument Type Code	141	10	DATE	150
Delisting Date	151	8	DATE	158

FIELD DESCRIPTIONS:

INSTRUMENT NUMERIC CODE — All instruments traded on the market are identified by a unique numeric code.

LAST DEAL TRADED PRICE — The Last Automatic or Negotiated Trade Price for the Day for every Instrument

MARKET CAPITALISATION — The Instrument's number of listed shares in the market, multiplied by its Closing Price.

ADJUSTED LOW TRADE PRICE DATE — The Date on which the Adjusted Low Trade Price for the Month was attained.

ADJUSTED HIGH TRADE PRICE DATE — The Date on which the Adjusted High Trade Price for the Month was attained

NUMBER OF DAYS INSTRUMENT TRADED — The number of Days an Instrument traded during the Month.

AVERAGE NO. DAYS INSTRUMENT TRADED	The Average number of Days an Instrument traded during the Month
INSTRUMENT ADJUSTED AVERAGE VOLUME TRADED	The Average Adjusted Volume Traded for every Instrument for all Trading Days in a Month
INSTRUMENT AVERAGE VALUE TRADED	The Average value traded that took place for a Month period for every Instrument
INSTRUMENT AVERAGE NUMBER OF TRADES	The average number of trades for every Instrument for all trading days in a month.
INSTRUMENT TYPE CODE	This indicates the type of instrument.
DELISTING DATE	The date on which an instrument was de-listed.

13.1.4 Record type ME sub type 03

FIELD NAME	START POS	LENGTH	END POS
Instrument numeric code	40	7	46
Instrument Dividend yield	47	7 (3.4)	53
Instrument Earnings yield	54	8 (4.4)	61
Instrument Annualised rolling adjusted dividend cover	62	7 (3.4)	68
Instrument Annualised rolling adjusted earnings	69	15 (9.6)	83
Instrument Annualised rolling adjusted dividend	84	15 (9.6)	98
Total Capital issued (Rands)	99	15 (13.2)	113
Total Number of Instrument Listed Shares In Market	114	15	128
ISIN	129	12	140
Earnings yield sign	141	1 (T)	141
Annualised rolling adjusted dividend cover sign	142	1 (T)	142
Annualised rolling adjusted earnings sign	143	1 (T)	143
Instrument REIT Distribution yield	144	7 (3.4)	150

FIELD NAME	START POS	LENGHTH	DATA TYPE	END POS
Instrument Numeric Code	42	7	N	48
Instrument Dividend Yield	49	7	N	55
Instrument Earnings Yield	56	8	N	63
Instrument Annualised Rolling Adjusted Dividend Cover	64	7	N	70
Instrument Annualised Rolling Adjusted Earnings	71	15	N	85
Instrument Annualised Rolling Adjusted Dividend	86	15	N	100
Total Capital Issued (Rands)	101	15	N	115
Total Number of Instrument Listed Shares In Market	116	15	N	130
ISIN	131	12		142

Field Name	Start Pos	Length		End Pos
Earnings Yield Sign	143	1	-	143
Annualised Rolling Adjusted Dividend Cover Sign	144	1	-	144
Annualised Rolling Adjusted Earnings Sign	145	1	-	145
Instrument REIT Distribution Yield	146	7	N	152

FIELD DESCRIPTIONS:

INSTRUMENT NUMERIC CODE — All instruments traded on the market are identified by a unique numeric code.

INSTRUMENT DIVIDEND YIELD — The Annualised Rolling Dividends per Instrument divided by the Closing Price, per Instrument.

INSTRUMENT EARNINGS YIELD — The percentage of the purchase price that will be recouped in Earnings per Year per Instrument

INSTRUMENT ANNUALISED ROLLING ADJUSTED DIVIDEND COVER — The Annualised Rolling Headline Earnings per Instrument Divided by the Annualised Rolling Dividends per Instrument

INSTRUMENT ANNUALISED ROLLING ADJUSTED HEADLINE EARNINGS — Annualised Rolling Adjusted Headline Earnings per Instrument, for the last 4 quarters

INSTRUMENT ANNUALISED ROLLING ADJUSTED DIVIDEND — Annualised Rolling Adjusted Dividend per Instrument

TOTAL CAPITAL ISSUED (RANDS) — The total rand Value of the capital issued during the most recent issue

TOTAL NUMBER OF INSTRUMENT LISTED SHARES IN MARKET — The total number of shares currently available for trading in the market for a particular instrument.
ISIN — The ISIN (International Securities Identification Number) uniquely identifies securities internationally.

EARNINGS YIELD SIGN — Value sign for earnings yield e.g. 'N' for negative value and 'P' for positive value

ANNUALISED ROLLING ADJUSTED DIVIDEND COVER SIGN — Sign indicating the dividend cover value 'N' for negative value and 'P' for positive Value

ANNUALISED ROLLING ADJUSTED EARNINGS SIGN — Sign indicating the earnings value 'N' for negative value and 'P' for positive value

INSTRUMENT REIT DISTRIBUTION YIELD — The annualised rolling REIT distributions per instrument, divided by the closing price, per instrument

13.1.5 Record type ME sub type 04

FIELD NAME	START POS	LENGTH	END POS
Instrument numeric code	40	7	46
Adjusted High Trade Price	47	9	55
Adjusted Low Trade Price	56	9	64
Instrument Adjusted Volume traded	65	13	77

FIELD NAME	START POS	LENGHTH	DATA TYPE	END POS
Instrument Numeric Code	42	7	N	48
Actual High Trade Price	49	9	N	57
Actual Low Trade Price	58	9	N	66
Instrument Adjusted Volume Traded	67	13	N	79

FIELD DESCRIPTIONS:

INSTRUMENT NUMERIC CODE

All instruments traded on the market are identified by a unique numeric code.

ADJUSTED HIGH TRADE PRICE

The Adjusted Daily Highest Trade Price for the month.

ADJUSTED LOW TRADE PRICE

The Adjusted Daily Lowest Trade Price for the month.

INSTRUMENT ADJUSTED VOLUME TRADED

The Adjusted Volume Traded for every Instrument for every Trading Day in a Month

13.1.6 Record type ME sub type 05

FIELD NAME	START POS	LENGTH	END POS
~~Instrument numeric code~~	~~40~~	~~7~~	~~46~~
~~Instrument short name~~	~~47~~	~~15 (T)~~	~~61~~
~~Company name~~	~~62~~	~~55 (T)~~	~~116~~
~~Instrument report name~~	~~117~~	~~24 (T)~~	~~140~~
~~Sector code~~	~~141~~	~~4 (T)~~	~~144~~
~~Foreign Status Code~~	~~145~~	~~1 (T)~~	~~145~~
~~Treated as Domestic~~	~~146~~	~~1 (T)~~	~~146~~

FIELD NAME	START POS	LENGHTH	DATA TYPE	END POS
Instrument Numeric Code	42	7	N	48
Instrument Short Name	49	15		63
Company name	64	55		118
Instrument Report Name	119	24		142
Sector Code	143	8		150
Foreign Status Code	151	1		151
Treated As Domestic	152	1		152

FIELD DESCRIPTIONS:

INSTRUMENT NUMERIC CODE — All instruments traded on the market are identified by a unique numeric code.

INSTRUMENT SHORT NAME — The abbreviated version of the instrument name.

COMPANY NAME — The full name of the issuing company of the instrument.

INSTRUMENT REPORT NAME — The version of the instrument name used on reports and online facilities.

SECTOR CODE — Instruments grouped accordingly to the type of business they represent. The Value of this sector code is the sector code at the end of the month. Therefore this record should be taken with DE05.

FOREIGN STATUS CODE — This field will be populated if an instrument is classified as 'Foreign Inward Listed' or 'African Inward Listed' by the South African Reserve Bank. It will be blank for all other instruments.

Code	Description
A	African Inward Listed
F	Foreign Inward Listed, excluding Africa
	Blank

TREATED AS DOMESTIC — This field indicates whether an instrument is treated as a domestic instrument for the purpose of exchange control, even though it is an Inward Listed instrument. It will be Y for Yes or N for No for Inward Listed Instruments, or blank for all other instruments.

13.2 Monthly sector statistics

All shares, which are traded on the market are grouped according to the type of business they represent.

The statistics for each sector are calculated at the close of business on the last business day of the month for shares, which were traded on the market, during the month.

All monthly sector statistics fall within record type MS. The statistics are grouped into various Sub Types, which allows you to select the type of information you require. The different Sub Types and the relevant field layouts are listed below.

13.2.1 Record type MS sub type 01

FIELD NAME	START POS	LENGTH	END POS
Sector code	40	4 (T)	43
Sector Number of active instruments	44	9	52
Sector Total Annualised Rolling Adjusted Dividend	53	13 (9.4)	65
Sector Total Annualised Rolling Adjusted Headline Earnings	66	13 (9.4)	78
Sector Market capitalisation	79	14	92
Total earnings Value sign	93	1 (T)	93
Sector Total Annualised Rolling Adjusted REIT Distribution	94	13 (9.4)	106

FIELD NAME	START POS	LENGHTH	DATA TYPE	END POS
Sector Code	42	8	-	49
Sector Number Of Active Instruments	50	9	N	58
Sector Total Annualised Rolling Adjusted Dividend	59	13	N	71
Sector Total Annualised Rolling Adjusted Headline Earnings	72	13	N	84
Market Capitalisation	85	14	N	98
Total Earnings Value Sign	99	1	-	99
Sector Total Annualised Rolling Adjusted REIT Distribution	100	13	N	112

FIELD DESCRIPTIONS

SECTOR CODE	All instruments in the market are grouped into sectors, according to the type of business they represent.
SECTOR NUMBER OF ACTIVE INSTRUMENTS	The number of Active Instruments within the Sector for all Trading Days in a Month
SECTOR TOTAL ANNUALISED ROLLING ADJUSTED DIVIDEND	Total Annualised Rolling Dividends per Instrument for a Sector.
SECTOR TOTAL ANNUALISED ROLLING ADJUSTED HEADLINE EARNINGS	Total Annualised Rolling Headline Earnings per Instrument for all Instruments in a Sector.
SECTOR MARKET CAPITALISATION	The Total Market Capitalisation for all Instruments within a Sector on a Trading Day.

TOTAL EARNINGS VALUE SIGN   Sign indicating the total earnings e.g. 'N' for negative value and 'P' for positive value.

SECTOR TOTAL ANNUALISED ROLLING ADJUSTED REIT DISTRIBUTION   Total Annualised Rolling REIT Distribution per Instrument for a Sector

13.2.2 Record type MS sub type 02

FIELD NAME	START POS	LENGTH	END POS
Sector code	40	4 (T)	43
Sector Adjusted Volume Traded	44	13	56
Sector Value Traded	57	15	71
Sector Number of Instruments Closing Price Up	72	9	80
Sector Number of Instruments Closing Price Down	81	9	89
Sector Number of instruments with New High Trade Price	90	9	98
Sector Number of Instruments with New Low Trade Price	99	9	107

FIELD NAME	START POS	LENGHTH	DATA TYPE	END POS
Sector Code	42	8		49
Sector Volume Traded	50	13	N	62
Sector Value Traded	63	15	N	77
Sector Number of Instruments Closing Price Up	78	9	N	86
Sector Number of Instruments Closing Price Down	87	9	N	95
Sector Number of instruments with New High Trade Price	96	9	N	104
Sector Number of Instruments with New Low Trade Price	105	9	N	113

FIELD DESCRIPTIONS:

SECTOR CODE — All instruments in the market are grouped into sectors according to the type of business they represent.

SECTOR ADJUSTED VOLUME TRADED — The Adjusted Volume Traded for every Instrument in a Sector for every Trading Day in a Month

SECTOR VALUE TRADED — The Value Traded for every Instrument in a Sector for every Trading Day in a Month

SECTOR NUMBER OF INSTRUMENTS CLOSING PRICE UP — The number of Instruments within the Sector, which showed an Increase in the Latest Closing Price compared to the Adjusted Closing Price on the Last Trading Day in the Previous Month.

SECTOR NUMBER OF INSTRUMENTS CLOSING PRICE DOWN — The number of Instruments within the Sector, which showed a Decrease in the Latest Closing Price compared to the Adjusted Closing Price on the Last Trading Day in the Previous Month

SECTOR NUMBER OF INSTRUMENTS WITH NEW HIGH TRADE PRICE — The number of Instruments within the Sector, which attained a new High Trade Price during the Month.

SECTOR NUMBER OF INSTRUMENTS WITH NEW LOW TRADE PRICE — The number of Instruments within the Sector, which attained a new Low Trade Price during the Month.

13.2.3 Record type MS sub type 03

FIELD NAME	START POS	LENGTH	END POS
Sector code	40	4 (T)	43
Sector Number of Trades	44	9	52
Number of Days Sector Traded	53	9	61
Sector average Price Earnings ratio	62	13 (9.4)	74
Sector Average Instrument Annualised Rolling Adjusted Dividend	75	13 (9.4)	87
Sector average earnings	88	13 (9.4)	100
Sector dividend yield	101	13 (9.4)	113
Sector earnings yield	114	13 (9.4)	126
Sector average Price Earnings ratio sign	127	1 (T)	127
Sector earnings yield sign	128	1 (T)	128
Sector REIT Distribution yield	129	13 (9.4)	141

FIELD NAME	START POS	LENGHTH	DATA TYPE	END POS
Sector Code	42	8	-	49
Sector Number Of Trades	50	9	N	58
Number Of Days Sector Traded	59	9	N	67
Sector Average Price Earnings Ratio	68	13	N	80
Sector Average Instrument Annualised Rolling Adjusted Dividend	81	13	N	93
Sector Average Earnings	94	13	N	106
Sector Dividend Yield	107	13	N	119
Sector Earnings Yield	120	13	N	132
Sector Average Price Earnings Ratio Sign	133	1	-	133
Sector Earnings Yield Sign	134	1	-	134
Sector REIT Distribution Yield	135	13	N	147

FIELD DESCRIPTIONS:

SECTOR CODE — All instruments in the market are grouped into sectors according to the type of business they represent.

SECTOR NUMBER OF TRADES — The number of Trades that took place for a Month period for a Sector

NUMBER OF DAYS SECTOR TRADED — The Number of Days on which a Sector traded during the Month.

SECTOR AVERAGE PRICE EARNINGS RATIO — The Average Price Earnings Ratio for a Sector on a Trading Day

SECTOR AVERAGE INSTRUMENT ANNUALISED ROLLING ADJUSTED DIVIDEND — Sector Average Dividends per Instrument.

SECTOR AVERAGE EARNINGS — The Sector Average Earnings.

SECTOR DIVIDEND YIELD — The Dividend Yield for a Sector on a Trading Day

SECTOR EARNINGS YIELD — The Earnings Yield for a Sector on a Trading Day

SECTOR AVERAGE PE RATIO SIGN   Sign indicating the PE value e.g. 'N' for negative value and 'P' for positive value

SECTOR EARNINGS YIELD SIGN   Sign indicating the sector earnings yield e.g. 'N' for negative value and 'P' for positive value

SECTOR REIT DISTRIBUTION YIELD   The REIT Distribution Yield for a Sector on a Trading day

13.2.4 Record type MS sub type 04

FIELD NAME	START POS	LENGTH	END POS
Sector code	40	4 (T)	43
Sector total dividend	44	13 (9.4)	56
Sector total earnings	57	13 (9.4)	69
Sector Number of instruments	70	5	74
Total Sector Closing price	75	13	87
Sector total earnings sign	88	1 (T)	88
Sector total REIT Distribution	89	13 (9.4)	101

FIELD NAME	START POS	LENGHTH	DATA TYPE	END POS
Sector Code	42	8		49
Sector Total Dividend	50	13	N	62
Sector Total Earnings	63	13	N	75
Sector Number Of Instruments	76	5	N	80
Total Sector Closing Price	81	13	N	93
Sector Total Earnings Sign	94	1		94
Sector Total REIT Distribution	95	13	N	107

FIELD DESCRIPTIONS

SECTOR CODE	All instruments in the market are grouped into sectors according to the type of business they represent.
SECTOR TOTAL DIVIDEND	The Sector Total Dividend
SECTOR TOTAL EARNINGS	The Sector Total Earnings
SECTOR NUMBER OF INSTRUMENTS	The number of Current or Suspended Instruments within the Sector for all Trading Days in a Month period
TOTAL SECTOR CLOSING PRICE	The accumulated Closing Prices of all the Instruments within the Sector.
SECTOR TOTAL EARNINGS SIGN	Sign indicating the earnings value e.g. 'N' for negative value and 'P' for positive value
SECTOR TOTAL REIT DISTRIBUTION	The Sector Total REIT Distribution

13.2.5 Record type MS sub type 05

FIELD NAME	START POS	LENGTH	END POS
Sector code	40	4 (T)	43
Sector short name	44	13 (T)	56
Sector name	57	40 (T)	96
Sector Sequence number	97	4	100

FIELD NAME	START POS	LENGHTH	DATA TYPE	NUMERIC FORMATS	END POS
Sector Code	42	8	_	_	49
Sector Short Name	50	13	_	_	62
Sector Name	63	40	_	_	102
Sector Sequence Number	103	4	N	4	106

FIELD DESCRIPTIONS:

SECTOR CODE

All instruments in the market are grouped into sectors, according to the type of business they represent.

SECTOR SHORT NAME

The abbreviated version of the sector name.

SECTOR NAME

The full description of the sector.

SECTOR SEQUENCE NUMBER

This is the sequence number of the sector, and indicates the printing sequence of the sector in.

13.3 Monthly sector deal statistics

All shares, which are traded on the market, are grouped according to the type of business they represent. These sectors themselves fall within various composite sector groupings.

The statistics for each sector are calculated at the close of business on the last business day of the month for shares, which were traded on the market, during the month.

All monthly sector deal statistics fall within record type ML.

13.3.1 Record type ML sub type 01

FIELD NAME	START POS	LENGTH	END POS
Sector code	40	4 (T)	43
Trade type	44	2 (T)	45
Sector Adjusted Trade Type Volume traded	46	13	58
Sector Trade Type Value traded	59	15	73
Sector Trade Type Number of trades	74	9	82
Trade type	83	2 (T)	84
Sector Trade Type Adjusted Volume traded	85	13	97
Sector Trade Type Value traded	98	15	112
Sector Trade Type Number of trades	113	9	121

FIELD NAME	START POS	LENGHTH	DATA TYPE	NUMERIC FORMATS	END POS
Sector Code	42	8	-	-	49
Trade Type	50	2	-	-	51
Sector Trade Type Volume Traded	52	13	N	13	64
Sector Trade Type Value Traded	65	15	N	15	79
Sector Trade Type Number Of Trades	80	9	N	9	88
Trade Type	89	2	-	-	90
Sector Trade Type Volume Traded	91	13	N	13	103
Sector Trade Type Value Traded	104	15	N	15	118
Sector Trade Type Number Of Trades	119	9	N	9	127

FIELD DESCRIPTIONS:

SECTOR CODE	All instruments in the market are grouped into sectors, according to the type of business they represent.
TRADE TYPE	The code indicating the type of Trade.
SECTOR ADJUSTED TRADE TYPE VOLUME TRADED	The Adjusted Volume Traded for every Instrument in a Sector by Trade Type for every Trading Day in a Month
SECTOR TRADE TYPE VALUE TRADED	The Value Traded for every Instrument in a Sector by Trade Type for every Trading Day in a Month
SECTOR TRADE TYPE NUMBER OF TRADES	The number of Trades that took place for a Month period for a Sector per Trade Type

13.4 Monthly overall market statistics

Monthly overall market statistics are calculated at the close of business on the last business day of the month for shares, which were traded on the market during the month. The record contains the key market statistics for the month's trade. It provides a view of the days trade at a glance.

All monthly overall market statistics fall within record type MO. The statistics are grouped into various sub types, which allows you to select the type of information you require. The different sub types and the relevant field layouts are listed below.

13.4.1 Record type MO sub type 01

FIELD NAME	START POS	LENGTH	END POS
~~Market Total Adjusted Volume Traded~~	~~40~~	~~13~~	~~52~~
~~Market Total Value Traded~~	~~53~~	~~15~~	~~67~~
~~Market Capitalisation of the Market~~	~~68~~	~~14~~	~~81~~
~~Market Number of instruments~~	~~82~~	~~9~~	~~90~~
~~Market Number of instruments Closing Price up~~	~~91~~	~~9~~	~~99~~
~~Market Number of instruments Closing Price down~~	~~100~~	~~9~~	~~108~~
~~Market Number of active instruments~~	~~109~~	~~9~~	~~117~~
~~Market Number of instruments with new high Trade Price~~	~~118~~	~~9~~	~~126~~
~~Market Number of instruments with new low Trade Price~~	~~127~~	~~9~~	~~135~~
~~Market Number of Trades~~	~~136~~	~~9~~	~~144~~

FIELD NAME	START POS	LENGHTH	DATA TYPE	NUMERIC FORMATS	END POS
Market Total Adjusted Volume Traded	42	13	N	13	54
Market Total Value Traded	55	15	N	15	69
Market Capitalisation Of The Market	70	14	N	14	83
Market Number Of Instruments	84	9	N	9	92
Market Number Of Instruments Closing Price Up	93	9	N	9	101
Market Number Of Instruments Closing Price Down	102	9	N	9	110
Market Number Of Active Instruments	111	9	N	9	119
Market Number Of Instruments With New High Trade Price	120	9	N	9	128
Market Number Of Instruments With New Low Trade Price	129	9	N	9	137
Market Number Of Trades	138	9	N	9	146

FIELD DESCRIPTIONS:

MARKET TOTAL ADJUSTED VOLUME TRADED	The Total Adjusted Volume Traded for the Market across all Trading Day's in a Month
MARKET TOTAL VALUE TRADED	The Total Value Traded for the Market for all Trading Day's in a Month
MARKET CAPITALISATION OF THE MARKET	The Total Market Capitalisation for every Instrument in a Market on a Trading Day.

MARKET NUMBER OF INSTRUMENTS	The number of Current and Suspended Instruments within the Market for all Trading Days in a Month
MARKET NUMBER OF INSTRUMENTS CLOSING PRICE UP	The number of Instruments within the Market, which showed an Increase in the Latest Closing Price compared to the Adjusted Closing Price on the Last Trading Day in the Previous Month
MARKET NUMBER OF INSTRUMENTS CLOSING PRICE DOWN	The number of Instruments within the Market, which showed a Decrease in the Latest Closing Price compared to the Adjusted Closing Price on the Last Trading Day in the Previous Month
MARKET NUMBER OF ACTIVE INSTRUMENTS	The number of active instruments within the market which traded in the month
MARKET NUMBER OF INSTRUMENTS WITH NEW HIGH TRADE PRICE	The number of Instruments within the Market, which attained a new High Trade Price during the Month.
MARKET NUMBER OF INSTRUMENTS WITH NEW LOW TRADE PRICE	The number of Instruments within the Market, which attained a new Low Trade Price during the Month.
MARKET NUMBER OF TRADES	The number of Trades that took place for a Month period for a Market

13.4.2 Record type MO sub type 02

FIELD NAME	START POS	LENGHTH	END POS
Market Dividend yield	40	13 (9.4)	52
Market Earnings yield	53	13 (9.4)	65
Market Price Earnings ratio	66	13 (9.4)	78
Total Number of Instrument Listed Shares In Market	79	15	93
Number of days Market traded	94	3	96
Market Highest number of trades	97	9	105
Market Highest number of trades Date	106	8	113
Market Lowest Number of trades	114	9	122
Market Lowest Number of Trades Date	123	8	130
Earnings yield sign	131	1 (T)	131
Price/earnings ratio sign	132	1 (T)	132
Market REIT Distribution yield	133	13 (9.4)	145

FIELD NAME	START POS	LENGHTH	DATA TYPE	NUMERIC FORMATS	END POS
Market Dividend Yield	42	13	N	9.4	54
Market Earnings Yield	55	13	N	9.4	67
Market Price Earnings Ratio	68	13	N	9.4	80
Total Number of Instrument Listed Shares In Market	81	15	N	15	95
Number Of Days Market Traded	96	3	N	3	98
Market Highest Number Of Trades	99	9	N	9	107

Market Highest Number Of Trades Date	108	8	DATE	8	115
Market Lowest Number Of Trades	116	9	N	9	124
Market Lowest Number Of Trades Date	125	8	DATE	8	132
Earnings Yield Sign	133	1	-	-	133
Price Earnings Ratio Sign	134	1	-	-	134
Market REIT Distribution Yield	135	13	N	9.4	147

FIELD DESCRIPTIONS:

MARKET DIVIDEND YIELD — The Dividend Yield for a Market on a Trading Day.

MARKET EARNINGS YIELD — The Earnings Yield for a Market on a Trading Day.

MARKET PRICE EARNINGS RATIO — The Price Earnings Ratio for the Market on a Trading Day

TOTAL NUMBER OF INSTRUMENT LISTED SHARES IN MARKET — The Total Number of Instrument Listed Shares currently available for trading in the Market.

NUMBER OF DAYS MARKET TRADED — The number of Days on which a Market traded during the Month

MARKET HIGHEST NUMBER OF TRADES — The Highest Number of Trades that took place on a Day for a Month period for a Market

MARKET HIGHEST NUMBER OF TRADES DATE — The Date on which the Highest number of Trades that took place on a Day for a Month period for a Market was attained.

MARKET LOWEST NUMBER OF TRADES — The Lowest number of Trades that took place on a Day for a Month period for a Market

MARKET LOWEST NUMBER OF TRADES DATE — The Date on which the Lowest number of Trades that took place on a Day for a Month period for a Market was attained

EARNINGS YIELD SIGN — Sign indicating the earnings yield Value e.g. 'N' for negative value and 'P' for positive value

PRICE/EARNINGS RATIO SIGN — Value sign for P/E ratio e.g. 'N' for negative value and 'P' for positive value

MARKET REIT DISTRIBUTION YIELD — The REIT Distribution Yield for a Market on a Trading Day.

13.4.3 Record type MO sub type 03

FIELD NAME	START POS	LENGTH	END POS
Market Highest Adjusted Volume Traded	40	13	52
Market Highest Adjusted Volume Traded Date	53	8	60
Market Lowest Adjusted Volume Traded	61	13	73
Market Lowest Adjusted Volume Traded Date	74	8	81
Market Highest Value traded	82	15	96
Market Highest Value Traded Date	97	8	104
Market Lowest Value Traded	105	15	119

FIELD NAME	START POS	LENGHTH	DATA TYPE	NUMERIC FORMATS	END POS
Market Highest Adjusted Volume Traded	42	13	N	13	54
Market Highest Adjusted Volume Traded Date	55	8	DATE	8	62
Market Lowest Adjusted Volume Traded	63	13	N	13	75
Market Lowest Adjusted Volume Traded Date	76	8	DATE	8	83
Market Highest Value Traded	84	15	N	15	98
Market Highest Value Traded Date	99	8	DATE	8	106
Market Lowest Value Traded	107	15	N	15	121
Market Lowest Value Traded Date	122	8	DATE	8	129

FIELD DESCRIPTIONS:

MARKET HIGHEST ADJUSTED VOLUME TRADED — The Highest Adjusted Volume Traded for the Market in a month across all Trading Day's in a Month

MARKET HIGHEST ADJUSTED VOLUME TRADED DATE — The Date on which the Highest Adjusted Volume Traded for the Market in a Month across all Trading Day's in a Month was attained.

MARKET LOWEST ADJUSTED VOLUME TRADED — The Lowest Adjusted Volume Traded for the Market in a Month across all Trading Day's in a Month

MARKET LOWEST ADJUSTED VOLUME TRADED DATE — The Date on which the Lowest Adjusted Volume Traded for the Market in a Month across all Trading Day's in a Month was attained

MARKET HIGHEST VALUE TRADED — The Highest Value Traded for the Market in a Day across all Trading Day's in a Month

MARKET HIGHEST VALUE TRADED DATE — The Date on which the Highest Value Traded for the Market in a Day across all Trading Day's in a Month was attained.

MARKET LOWEST VALUE TRADED — The Lowest Value Traded for the Market in a Day across all Trading Day's in a Month

MARKET LOWEST VALUE TRADED DATE — The Date on which the Lowest Value Traded for the Market in a Day across all Trading Day's in a Month was attained.

13.5 Monthly overall market deal statistics

Monthly overall market deal statistics are calculated at the close of business on the last business day of the month for shares, which were traded on the market during the month.

All monthly overall market deal statistics fall within record type DM.

13.5.1 Record type DM sub type 01

FIELD NAME	START POS	LENGTH	END POS
~~Trade type~~	~~40~~	~~2 (T)~~	~~41~~
~~Market Trade Type Total Adjusted Volume Traded~~	~~42~~	~~13~~	~~54~~
~~Market Trade Type Total Value Traded~~	~~55~~	~~15~~	~~69~~
~~Market Trade Type Number of Trades~~	~~70~~	~~9~~	~~78~~
~~Trade type~~	~~79~~	~~2 (T)~~	~~80~~
~~Market Trade Type Total Adjusted Volume Traded~~	~~81~~	~~13~~	~~93~~
~~Market Trade Type Total Value Traded~~	~~94~~	~~15~~	~~108~~
~~Market Trade Type Number of Trades~~	~~109~~	~~9~~	~~117~~

FIELD NAME	START POS	LENGHTH	DATA TYPE	NUMERIC FORMATS	END POS
Trade Type	40	2	-	-	41
Market Trade Type Total Adjusted Volume Traded	42	13	N	13	54
Market Trade Type Total Value Traded	55	15	N	15	69
Market Trade Type Number Of Trades	70	9	N	9	78
Trade Type	79	2	-	-	80
Market Trade Type Total Adjusted Volume Traded	81	13	N	13	93
Market Trade Type Total Value Traded	94	15	N	15	108
Market Trade Type Number Of Trades	109	9	N	9	117

FIELD DESCRIPTIONS:

TRADE TYPE	The code indicating the type of Trade.
MARKET TRADE TYPE TOTAL ADJUSTED VOLUME TRADED	The Total Adjusted Volume Traded for the Market per Trade Type across all Trading Day's in a Month
MARKET TRADE TYPE TOTAL VALUE TRADED	The Total Value Traded for the Market per Trade Type for all Trading Day's in a Month
MARKET TRADE TYPE NUMBER OF TRADES	The number of Trades that took place for a Month period for a Market per Trade Type

13.6   Monthly top 20 instruments up/down

The monthly top 20 instruments up/down, are the shares, which have shown the highest price gain or price declines for the month. MT01 shows the shares with the largest price gains for the month and MT02 shows the shares with the largest price declines for the month.

All monthly top 20 instruments up/down fall within record type MT.

13.6.1   Record type MT sub type 01 sequence no 01-07

This record type shows the shares with the largest price gains for the month.

FIELD NAME	START POS	LENGTH	END POS
Instrument alpha code	40	6 (T)	45
Instrument Closing Price	46	9	54
Closing Price change in cents	55	9	63
Percentage Closing price change	64	7 (5.2)	70
Instrument Numeric Code	71	7	77
Instrument alpha code	78	6 (T)	83
Instrument Closing Price	84	9	92
Closing Price change in cents	93	9	101
Percentage Closing price change	102	7 (5.2)	108
Instrument Numeric Code	109	7	115
Instrument alpha code	116	6 (T)	121
Instrument Closing Price	122	9	130
Closing Price change in cents	131	9	139
Percentage Closing price change	140	7 (5.2)	146
Instrument Numeric Code	147	7	153

FIELD NAME	START POS	LENGHTH	DATA TYPE	NUMERIC FORMATS	END POS
Instrument Alpha Code	42	6	-	-	47
Instrument Closing Price	48	9	N	9	56
Closing Price Change In Cents	57	9	N	9	65
Percentage Closing Price Change	66	7	N	5.2	72
Instrument Numeric Code	73	7	N	7	79
Instrument Alpha Code	80	6	-	-	85
Instrument Closing Price	86	9	N	9	94
Closing Price Change In Cents	95	9	N	9	103
Percentage Closing Price Change	104	7	N	5.2	110
Instrument Numeric Code	111	7	N	7	117
Instrument Alpha Code	118	6	-	-	123
Instrument Closing Price	124	9	N	9	132
Closing Price Change In Cents	133	9	N	9	141
Percentage Closing Price Change	142	7	N	5.2	148
Instrument Numeric Code	149	7	N	7	155

FIELD DESCRIPTIONS:

INSTRUMENT ALPHA CODE   All instruments traded on the market are identified by a unique alpha code.

INSTRUMENT CLOSING PRICE   The instrument closing price as calculated by the Trading Engine.

CLOSING PRICE CHANGE IN CENTS   The closing price variation for the period quoted in cents.

PERCENTAGE CLOSING PRICE CHANGE The closing price variation for the period quoted as a percentage.

13.6.2 Record type MT sub type 02 sequence no 01-07

This record type shows the shares with the largest price declines for the month.

FIELD NAME	START POS	LENGTH	END POS
Instrument alpha code	40	6 (T)	45
Instrument Closing Price	46	9	54
Closing Price change in cents	55	9	63
Percentage Closing price change	64	7 (5.2)	70
Instrument Numeric Code	71	7	77
Instrument alpha code	78	6 (T)	83
Instrument Closing Price	84	9	92
Closing Price change in cents	93	9	101
Percentage Closing price change	102	7 (5.2)	108
Instrument Numeric Code	109	7	115
Instrument alpha code	116	6 (T)	121
Instrument Closing Price	122	9	130
Closing Price change in cents	131	9	139
Percentage Closing price change	140	7 (5.2)	146
Instrument Numeric Code	147	7	153

FIELD NAME	START POS	LENGHTH	DATA TYPE	NUMERIC FORMATS	END POS
Instrument Alpha Code	42	6	-	-	47
Instrument Closing Price	48	9	N	9	56
Closing Price Change In Cents	57	9	N	9	65
Percentage Closing Price Change	66	7	N	5.2	72
Instrument Numeric Code	73	7	N	7	79
Instrument Alpha Code	80	6	-	-	85
Instrument Closing Price	86	9	N	9	94
Closing Price Change In Cents	95	9	N	9	103
Percentage Closing Price Change	104	7	N	5.2	110
Instrument Numeric Code	111	7	N	7	117
Instrument Alpha Code	118	6	-	-	123
Instrument Closing Price	124	9	N	9	132
Closing Price Change In Cents	133	9	N	9	141
Percentage Closing Price Change	142	7	N	5.2	148
Instrument Numeric Code	149	7	N	7	155

FIELD DESCRIPTIONS:

INSTRUMENT ALPHA CODE — All instruments traded on the market are identified by a unique alpha code.

INSTRUMENT CLOSING PRICE — The instrument closing price as calculated by the Trading Engine.

CLOSING PRICE CHANGE IN CENTS — The closing price variation for the period quoted in cents.

PERCENTAGE CLOSING PRICE CHANGE — The closing price variation for the period quoted as a percentage.

14 END OF DAY EQUITY DATA PRODUCTS – GENERAL RECORDS

The following record types are only disseminated when changes are made to the relevant information.

14.1 Instrument General Information

The Instrument general information record contains details of the type of Instrument, and general information related to it. This record is disseminated when a new Instrument is listed on the market. The information will be disseminated on the night before it becomes effective.

The general Instrument information falls within record type EQ, and the relevant field layouts are listed. The EQE is the early dissemination record.

14.1.1 Record Type EQ/EQE Sub Type 01

FIELD NAME	START POS	LENGTH	END POS
Instrument numeric code	40	7	46
Instrument type code	47	10 (T)	56
Price prior to listing	57	6	62
Next expected declaration date	63	8	70
Capital introduced	71	15 (13.2)	85
Capital raised prior to listing	86	13 (11.2)	98
Charge Structure code	99	2 (T)	100

FIELD NAME	START POS	LENGHTH	DATA TYPE	NUMERIC FORMATS	END POS
Instrument Numeric Code	42	7	N	7	48
Instrument Type Code	49	10	-	-	58
Price Prior To Listing	59	6	N	6	64
Next Expected Declaration Date	65	8	DATE	8	72
Capital Introduced	73	15	N	13.2	87
Capital Raised Prior To Listing	88	13	N	11.2	100
Charge Structure code	101	2	-	-	102

FIELD DESCRIPTIONS:

INSTRUMENT NUMERIC CODE   All instruments traded on the market are identified by a unique numeric code.

INSTRUMENT TYPE CODE   This indicates the type of instrument e.g. Ordinary, Deb (Debenture) etc.

PRICE PRIOR TO LISTING   The price quoted in cents at which the instruments were available to the public prior to listing.

| NEXT EXPECTED DECLARATION DATE | The date a company is expected to declare its next dividend. The Next Expected Declaration Date will be calculated as follows: |

- For Payment Types: Dividend, Interest Payment and Capital Payments the Dividend Frequency is added to the LDT of the last payment that was made. For example, if the dividend frequency of an instrument is Semi Annually, 6 months will be added to the LDT.

- Where the last dividend was paid a long time ago and the Next Expected Declaration Date calculates to a date in the past, the Next Expected Declaration Date will be NULL.

  Where the Next Expected Declaration Date is calculated and falls on a Non Business Day, the Previous Business Day will be selected. If no payments have been made (new Company) the Next Expected Declaration Date will be NULL

CAPITAL INTRODUCED   The rand Value of the capital introduced by an issuing company when an instrument was listed on the JSE.

CAPITAL RAISED PRIOR TO LISTING   The amount of capital, quoted in Rands, which was raised prior to the listing on the JSE.

CHARGE STRUCTURE CODE   The code indicating the type of charge applied when an instrument is traded.

14.2   Instrument Version Information

The Instrument version information record contains basic information specific to each instrument traded on the market. The Instrument code and name, as well as the date from which an instrument becomes effective on the market is included in the record. The record is disseminated on the night before a new instrument lists for the first time and also on any day that a change is subsequently made to the Instrument information.

The Instrument version information falls within record type EN. Different types of information are grouped into sub types, to allow the user to select the information required. These sub types and the relevant field layouts are listed. The ENE is the early dissemination record.

In Summary when a change occurs to an instrument, the **EN 01** record type for the instrument will provide a 'before' image in Sequence 01 and the 'after' image in Sequence 02 of the record.

N.B. In exceptional instances, due to a specific type of corporate event, a non-tradable instrument will need to be temporarily created and provided on an ad-hoc basis in order to support the complex corporate action. Please refer to section 9 of this documents for detailed explanation.

14.2.1   **Record Type EN/ENE Sub Type 01 Sequence 01-02**

FIELD NAME	START POS	LENGTH	END POS
Instrument numeric code	40	7	46
Effective date	47	8	54
Instrument Short name	55	14 (T)	68
Company Name	69	55 (T)	123
Company numeric code	124	4	127
Sector code	128	4 (T)	131
Instrument status	132	1 (T)	132
ISIN	133	12 (T)	144

FIELD NAME	START POS	LENGHTH	DATA TYPE	NUMERIC FORMATS	END POS
Instrument Numeric Code	42	7	N	7	48
Effective Date	49	8	DATE	8	56
Instrument Short Name	57	14	-	-	70
Company Name	71	55	-	-	125
Company Numeric Code	126	4	N	4	129
Sector Code	130	8	-	-	137
Instrument Status	138	1	-	-	138
ISIN	139	12	-	-	150

FIELD DESCRIPTIONS:

INSTRUMENT NUMERIC CODE — All instruments traded on the market are identified by a unique numeric code.

EFFECTIVE DATE — The date on which an Instrument change becomes effective.

INSTRUMENT SHORT NAME — The abbreviated version of an instrument name.

COMPANY NAME — The full name of the issuing company of an instrument.

COMPANY NUMERIC CODE — Each company is assigned a unique number, to which their Instrument is linked. A company can, under certain circumstances, list different instruments under multiple business relationships (roles) with the JSE. In this situation, the company will have more than one numeric code linked to the different instruments
.

SECTOR CODE — All instruments in the market are grouped into sectors, according to the type of business they represent

INSTRUMENT STATUS — This indicates the current status of the instrument.

ISIN — The ISIN (International Securities Identification Number) uniquely identifies securities internationally.

14.2.2 Record Type EN/ENE Sub Type 02 Sequence 01 and 02

FIELD NAME	START POS	LENGTH	END POS
Instrument numeric code	40	7	46
Effective date	47	8	54
Instrument Report name	55	24 (T)	78
Instrument full name	79	55 (T)	133

FIELD NAME	START POS	LENGHTH	DATA TYPE	NUMERIC FORMATS	END POS
Instrument Numeric Code	42	7	N	7	48
Effective Date	49	8	DATE	8	56
Instrument Report Name	57	24	-	-	80

Instrument Full Name	81	55			135

FIELD DESCRIPTIONS:

INSTRUMENT NUMERIC CODE	All instruments traded on the market are identified by a unique numeric code.
EFFECTIVE DATE	The date on which an Instrument change becomes effective.
INSTRUMENT REPORT NAME	The version of an instrument name used on reports and online facilities.
INSTRUMENT FULL NAME	The full Instrument name.

Note:

Sequence number 1 as reflected in the header record will contain the 1st line of the Instrument name. Sequence number 2 will contain the 2nd line of the Instrument name in the case of the extended definition of the warrants. Therefore each Instrument full name will consist of 2 lines.

14.3 Instrument Version Summary

The Instrument version summary record contains summarised information about a change to the Capital structure of an instrument. The type of change and the ratio of old shares for new will be given. This record will be disseminated on the night before the change becomes effective, and only the record which has been changed, will be disseminated.

The Instrument version summary falls within record type ES, and the relevant field layouts are listed. The ESE is the early dissemination record.

14.3.1 Record Type ES/ESE Sub Type 01

FIELD NAME	START POS	LENGTH	END POS
Instrument numeric code	40	7	46
Effective date	47	8	54
Event which caused change	55	3 (T)	57
Number of shares one has (have)	58	5	62
Number of shares one will receive (receive)	63	5	67
Occurrence number per day of events	68	2	69
ISIN	70	12 (T)	81
Instruction indicator	82	1 (T)	82

FIELD NAME	START POS	LENGHTH	DATA TYPE	NUMERIC FORMATS	END POS
Instrument Numeric Code	42	7	N	7	48
Effective Date	49	8	DATE	8	56
Event Which Caused Change	57	3	-	-	59
Number Of Shares One Has (Have)	60	5	N	5	64
Number Of Shares One Will Receive (Receive)	65	5	N	5	69
Sequence	70	2	N	2	71
ISIN	72	12	-	-	83
Instructor Indicator	84	1	-	-	84

FIELD DESCRIPTIONS:

INSTRUMENT NUMERIC CODE   All instruments traded on the market are identified by a unique numeric code.

EFFECTIVE DATE   The date on which an Instrument change becomes effective.

EVENT WHICH CAUSED CHANGE   The code indicating the type of change to an Instrument.

NUMBER OF SHARES ONE HAS (HAVE)   The minimum number of instruments a shareholder must own to receive the number of new instruments given in the 'No of Shares One Will Receive' field.

NUMBER OF SHARES ONE WILL RECEIVE (RECEIVE)   The number of instruments a shareholder will receive by virtue of the number of instruments already held.

OCCURRENCE NUMBER PER DAY OF EVENTS   Since more than one event may take place for an Instrument on one day, the events are numbered to indicate the sequence in which they will take place.

ISIN   The ISIN (International Securities Identification Number)
                                        uniquely identifies securities internationally.

INSTRUCTION INDICATOR   Indicates whether the instruction is N, C or D for New,
                                        Changed or Deleted, respectively.

14.4   Instrument Status Change

The Instrument status change record indicates a change in status of an instrument traded on the market, as well as changes to Annotations or Ex markers related to the instrument.

The status of an instrument may change during the course of a day; an instrument may be suspended, or become active during the day. This record will be disseminated on the day that a change is made, and only the record which has been changed, will be disseminated. The ECE record, is part of the early dissemination.

The Instrument status change falls within record type EC, and the relevant field layouts are listed below.

14.4.1   Record Type EC/ECE Sub Type 01

FIELD NAME	START POS	LENGTH	END POS
Instrument numeric code	40	7	46
Effective Date	47	8	54
Effective Time	55	6	60
Instrument status	61	1 (T)	61
Status info	62	6 (T)	67

FIELD NAME	START POS	LENGHTH	DATA TYPE	NUMERIC FORMATS	END POS
Instrument Numeric Code	42	7	N	7	48
Effective Date	49	8	DATE	8	56
Effective Time	57	6	_	_	62
Instrument Status	63	1	_	_	63
Status Info	64	6	_	_	69

FIELD DESCRIPTIONS:

INSTRUMENT NUMERIC CODE
All instruments traded on the market are identified by a unique numeric code.

EFFECTIVE DATE
The date on which an Instrument change becomes effective.

EFFECTIVE TIME
The time from which an Instrument's status changed in the format HHMMSS.

INSTRUMENT STATUS
This indicates the current status of the instrument.

STATUS INFO
The information / cautionary flag's pertaining to the status change.

14.5 Company Information

The company information record contains details of the companies (Issuers) who have instrument(s) listed on the stock exchange. This record will be disseminated on the day that a change is made to the Issuer information, and only the record which has been changed, will be disseminated.

The company information falls within record type CO, and the relevant field layouts are listed below.

14.5.1 **Record Type CO/COE Sub Type 01**

FIELD NAME	START POS	LENGTH	END POS
~~Company numeric code~~	~~40~~	~~4~~	~~43~~
~~Effective date~~	~~44~~	~~8~~	~~51~~
~~Company status~~	~~52~~	~~1 (T)~~	~~52~~
~~Company short name~~	~~53~~	~~15 (T)~~	~~67~~
~~Company name~~	~~68~~	~~55 (T)~~	~~122~~
~~Transfer secretary code~~	~~123~~	~~5 (T)~~	~~127~~

FIELD NAME	START POS	LENGHTH	DATA TYPE	NUMERIC FORMATS	END POS
Company Numeric Code	42	4	N	4	45
Effective Date	46	8	DATE	8	53
Company Status	54	1	_	_	54
Customer Short Name	55	15	_	_	69
Company Name	70	55	_	_	124
Transfer Secretary Code	125	5	_	_	129

FIELD DESCRIPTIONS:

COMPANY NUMERIC CODE — Each company is assigned a unique number, to which their Instrument is linked. A company can, under certain circumstances, list different instruments under multiple business relationships (roles) with the JSE. In this situation, the company will have more than one numeric code linked to the different instruments.

EFFECTIVE DATE — The date on which the change becomes effective.

COMPANY STATUS — The code indicating the status of a company on a specified date.

COMPANY SHORT NAME — The abbreviated version of a company name.

COMPANY NAME — The full name of the issuing company of an instrument.

TRANSFER SECRETARY CODE — The code used to identify a specific transfer secretary.

14.6 Capital Structure

The capital structure record contains information on how a company has financed its operations by floating instrument on the market. A company may, for example, issue an initial 500 000 instrument at 100 cents each, and at a later date another 100 000 at 120 cents each. This record will be disseminated on the night before an instrument lists for the first time and any day that a change is made to the capital structure, and only the record which has been changed, will be disseminated.

The capital structure information falls within record type CS. Different types of information are grouped into sub types, to allow the user to select the information required. These sub types and the relevant field layouts are listed below.

14.6.1 Record Type CS Sub Type 01 Sequence No. 01 - 99

FIELD NAME	START POS	LENGTH	END POS
Instrument numeric code	40	7	46
Effective date	47	8	54
Total Number of Instrument Listed Shares In Market	55	15	69
Share price type (% or C)	70	1 (T)	70
New shares to be listed	71	15	85
Capital Structure status	86	1 (T)	86
Issue price per share (cents)	87	13 (7.6)	99
Total capital issued (Rands)	100	15 (13.2)	114
Record date	115	8	122
Total capital raised (Rands)	123	15 (13.2)	137
Payment date	138	8	145
Index constituent	146	1 (T)	146
Number of shares listed sign	147	1 (T)	147

FIELD NAME	START POS	LENGHTH	DATA TYPE	NUMERIC FORMATS	END POS
Instrument Numeric Code	42	7	N	7	48
Effective date	49	8	-	-	56
Total Number Of Instrument Listed Shares In Market	57	15	N	15	71
Share Price Type (% or C)	72	1	-	-	72
New Shares To Listed	73	15	N	15	87
Capital Structure Status	88	1	-	-	88
Issue Price Per Share (cents)	89	13	N	7.6	101
Total Capital Issued (Rands)	102	15	N	13.2	116
Record Date	117	8	DATE	8	124
Total Capital Raised (Rands)	125	15	N	13.2	139
Payment Date	140	8	DATE	8	147
Index Constituent	148	1	-	-	148
Number Of Shares Listed Sign	149	1	-	-	149

FIELD DESCRIPTIONS:

INSTRUMENT NUMERIC CODE	All instruments traded on the market are identified by a unique numeric code.
EFFECTIVE DATE	The date on which a capital structure change becomes effective.

TOTAL NUMBER OF INSTRUMENT LISTED SHARES IN MARKET	The total number of shares currently available for trading in the market for a particular instrument.
SHARE PRICE TYPE (% OR C)	This indicates if the price format for an instrument is a percentage or cents.
NEW SHARES TO BE LISTED	The total number of instruments issued by this event. This number may be negative if the event in question causes the number of instruments to be reduced, e.g. Redemption, Final conversion.
CAPITAL STRUCTURE STATUS	This indicates the status of the capital structure of an Instrument on a specified date.
ISSUE PRICE PER SHARE (CENTS)	The price per instrument when listed.
TOTAL CAPITAL ISSUED (RANDS)	The total rand Value of the capital issued during the most recent issue.
RECORD DATE	The latest date shares can be lodged for registration to enable the shareholder to qualify for an entitlement.
TOTAL CAPITAL RAISED (RANDS)	The total Rand value of the capital raised through an event.
PAYMENT DATE	The date on which a company will pay out any funds as a result of a capital structure change.
INDEX CONSTITUENT	This indicates if the specified instrument is a constituent of an Index.
NUMBER OF SHARES LISTED SIGN	This indicates the sign of the number of instruments listed.

14.6.2 **Record Type CS Sub Type 02 Sequence No. 01 - 99**

FIELD NAME	START POS	LENGTH	END POS
Instrument numeric code	40	7	46
Par Value per share (cents)	47	13 (7.6)	59
Authorized capital (Rands)	60	15(13.2)	74
Occurrence number per day of events	75	2	76

FIELD NAME	START POS	LENGHTH	DATA TYPE	NUMERIC FORMATS	END POS
Instrument Numeric Code	42	7	N	7	48
Par Value	49	13	N	7.6	61
Authorised Capital	62	15	N	13.2	76
Sequence	77	2	N	2	78

FIELD DESCRIPTIONS:

INSTRUMENT NUMERIC CODE	All instruments traded on the market are identified by a unique numeric code.

PAR VALUE PER SHARE (CENTS)   The Value at which the instruments were first issued.

AUTHORISED CAPITAL (RANDS)   The total rand Value of the authorised capital for a company.

OCCURRENCE NUMBER PER DAY OF EVENTS   Since more than one event may take place for an Instrument on one day, the events are numbered to indicate the sequence in which they will take place.

NOTE: This is the detailed record of ES (Instrument Version Summary) record type.

14.7 Instrument Dividend

The Instrument dividend record contains details of the latest dividends for each instrument traded on the market. This record will be disseminated on the day that a change is made to the Instrument dividend information, and only the record which has been changed, will be disseminated. The Instrument dividend information falls within record type ED. The EDE is the early dissemination record.

Different types of information are grouped into sub types, to allow the user to select the information required.

14.7.1 **Record Type ED/EDE Sub Type 01**

FIELD NAME	START POS	LENGTH	END POS
Instrument numeric code	40	7	46
Declared dividend per share	47	13 (7.6)	59
Record Date	60	8	67
Payment Classification	68	6 (T)	73
Dividend payment date	74	8	81
Dividend number	82	10	91
Dividend declaration date	92	8	99
Instrument Adjusted Payment	100	13 (7.6)	112
Financial year end	113	8	120
Dividend declaration period	121	1	121
Instrument Annualised rolling adjusted payment	122	15 (9.6)	136
Dividend flag	137	3 (T)	139
CA Serial Number	140	10	149
Filler	150	3	152

FIELD NAME	START POS	LENGHTH	DATA TYPE	NUMERIC FORMATS	END POS
Instrument Numeric Code	42	7	N	7	48
Declared Dividend Per Share	49	13	N	7.6	61
Record Date	62	8	DATE	8	69
Payment Classification	70	6	-	-	75
Dividend Payment Date	76	8	DATE	8	83
Dividend Number	84	10	N	10	93
Dividend Declaration Date	94	8	DATE	8	101
Instrument Adjusted Payment	102	13	N	7.6	114
Financial Year End	115	8	-	-	122
Dividend Declaration Period	123	1	-	-	123
Instrument Annualised Rolling Adjusted Payment	124	15	N	9.6	138
Dividend Flag	139	3	-	-	141
CA Serial Number	142	10	N	10	151

FIELD DESCRIPTIONS:

INSTRUMENT NUMERIC CODE — All instruments traded on the market are identified by a unique numeric code.

DECLARED DIVIDEND PER SHARE — The Dividend payment per share (DDPS) declared by a company, in cents.

RECORD DATE

The date that the investor has to be registered on the share register.   (Last date to trade +5).

PAYMENT CLASSIFICATION

The high level payment type into which Corporate Action payment types are combined for statistical purposes.

DIVIDEND PAYMENT DATE

The date on which a dividend will be paid by the issuing company, in the format CCYYMMDD.

DIVIDEND NUMBER

The number of a particular dividend as declared by the company.

DIVIDEND DECLARATION DATE

The date on which a company declared a dividend.

INSTRUMENT ADJUSTED PAYMENT

Adjusted Payment per Instrument based on Payment Type

FINANCIAL YEAR END

The financial period to which the dividend or earnings relate.

DIVIDEND DECLARATION PERIOD

The period in the financial year in which a dividend was declared.

INSTRUMENT ANNUALISED ROLLING ADJUSTED PAYMENT

Annualised Rolling Adjusted Payment per Instrument based on Payment Type (No Value for when the Payment Type is (SPECDIV)

DIVIDEND FLAG

This indicates what kind of dividend was declared.

F	Final
I	Interim
M	Maiden
S	Special

CA SERIAL NUMBER

This reflects the CA Serial Number of the Corporate Action. It is a unique number that identifies a specific Corporate Action.

FILLER

This field will not contain a value, reserved for future use.

NOTE:

The dividend information will be disseminated whenever a change is made to the record.

14.8 Instrument Earning

The Instrument earning record contains details of the annual earning or profit after tax, less preference dividends and profits attributed to outside shareholders, per instrument traded on the market.

This record will be disseminated on the day that a change is made to the Instrument earnings information, and only the record which has been changed, will be disseminated. The Instrument earning information falls within record type EE. The EEE is the early dissemination record.

14.8.1 Record Type EE/EEE Sub Type 01

FIELD NAME	START POS	LENGTH	END POS
Instrument numeric code	40	7	46
Declared earnings per share (cents)	47	13 (7.6)	59
Earnings Declaration date	60	8	67
Instrument Adjusted Headline earnings	68	13 (7.6)	80
Financial year end	81	8	88
Earnings declaration period	89	1	89
Instrument Annualised Rolling Adjusted Headline earnings	90	15 (9.6)	104
Instrument earnings of share sign	105	1	105
Revised rolling annualised adjusted earnings sign	106	1	106
Annualised rolling adjusted earnings sign	107	1	107
Filler	108	1	108
Final declared earnings	109	15 (9.6)	123
Final declared earnings sign	124	1 (T)	124

FIELD NAME	START POS	LENGHTH	DATA TYPE	NUMERIC FORMATS	END POS
Instrument Numeric Code	42	7	N	7	48
Declared Earnings Per Share (Cents)	49	13	N	7.6	61
Earnings Declaration Date	62	8	DATE	8	69
Instrument Adjusted Headline Earnings	70	13	N	7.6	82
Financial Year End	83	8	_	_	90
Earnings Declaration Period	91	1	N	1	91
Instrument Annual Rolling Adjusted Headline Earnings	92	15	N	9.6	106
Instrument Earnings Of Share Sign	107	1	_	_	107
Revised Rolling Annualised Adjusted Earnings Sign	108	1	_	_	108
Annual Rolling Adjusted Earnings Sign	109	1	_	_	109
Filler	110	1	_	_	110
Final Declared Earnings	111	15	N	9.6	125
Final Declared Earnings Sign	126	1	_	_	126

FIELD DESCRIPTIONS:

INSTRUMENT NUMERIC CODE   All instruments traded on the market are identified by a unique numeric code.

DECLARED EARNINGS PER SHARE (CENTS)   The Headline earnings per share declared (DHEPS) by the listed instrument, in cents. Note: Where no HEPS is

declared, then the AHEPS Values disseminated by the JSE will be zero.

EARNINGS DECLARATION DATE — The date on which the earnings were declared.

INSTRUMENT ADJUSTED HEADLINE EARNINGS — Adjusted Headline Earnings per Instrument

FINANCIAL YEAR END — The financial period to which the earnings relate.

EARNINGS DECLARATION PERIOD — The period in the company's financial year in which the earnings were declared.

INSTRUMENT ANNUALISED ROLLING ADJUSTED HEADLINED EARNINGS — The Annualised Rolling Adjusted Headline Earnings per Instrument for the last 4 quarters.

INSTRUMENT EARNINGS OF SHARE SIGN — Sign indicating the Instrument Earnings of Share Value e.g. 'N' for negative and 'P' for positive Value.

REVISED ROLLING ANNUALISED ADJUSTED EARNINGS SIGN — Sign indicating the revised earnings Value e.g 'N' for negative and 'P' for positive Value.

ANNUALISED ROLLING ADJUSTED EARNINGS SIGN — Sign indicating the earnings Value e.g. 'N' for negative and 'P' for positive Value.

FILLER — This field will not contain a value.

FINAL DECLARED EARNINGS — The Final Headline earnings per share declared for the full financial year. This will only be populated for Quarter 4 declarations.

FINAL DECLARED EARNINGS SIGN — Sign indicating the final declared earnings value e.g. 'N' of negative and 'P' for positive value.

NOTE: — Earning information will be disseminated whenever a change is made to the record.

14.9 Financial Year Summary

The Financial year summary is the annual financial summary of all earnings / payment declaration made for an instrument.

A separate record is disseminated per declaration type (Earnings / the different payment types as specified in the glossary). The financial year summary information will be disseminated on the day that a change is made to the financial year summary information. Only the record which has been changed will be disseminated.

The financial year summary information falls within record type FY; the record type FYE is the early dissemination of the FY record type.   There is only one Sub Type within this record type.

14.9.1 Record Type FY/FYE Sequence Number 01 - 99

FIELD NAME	START POS	LENGTH	END POS
Instrument numeric code	40	7	46
Financial year end	47	8	54
Declaration Type	55	2	56
Total for Financial Year	57	15 (9.6)	71
Declaration Total for Financial year sign	72	1	72

FIELD NAME	START POS	LENGHTH	DATA TYPE	END POS
Instrument Numeric Code	42	7	N	48
Financial Year End	49	8	-	56
Declaration Type	57	2	-	58
Total For Financial Year	59	15	N	73
Declaration Total For Financial Year Sign	74	1	-	74

FIELD DESCRIPTIONS:

INSTRUMENT NUMERIC CODE — All instruments traded on the market are identified by a unique numeric code.

FINANCIAL YEAR END — The financial period to which the transactions relate. I.e. the financial year-end of the company.

DECLARATION TYPE — This indicates which financial year total is contained in the record type.

TOTAL FOR FINANCIAL YEAR — Depending on the declaration type this field will contain either:

- The total of any Adjusted Headline Earnings that was declared for the current Financial Year.

OR
- The total of any Dividends that was declared for the current Financial Year

OR
- The total of any Interest Payments that was declared for the current Financial Year

OR
- The total of any Capital Payments that was declared for the current Financial Year

OR

	- The total of any Special Payments that was declared for the current Financial Year
DECLARATION TOTAL FOR THE FINANCIAL YEAR SIGN	Sign indicating the declaration total value e.g. 'N' of negative and 'P' for positive value.

14.10 Sector Information

The sector information is the basic information, which is specific to each sector of shares traded on the market. The codes used to identify the sectors and other relevant information related to the sectors is included.

The sector information will be disseminated on the day that a change is made to the sector information. Only the record, which has been changed, will be disseminated.

All basic sector information falls within record type SN. The different types of information are grouped into different two Sub Types, which allows you to select the type of information you require. The different Sub Types and the relevant field layouts are listed below.

14.10.1 **Record type SN/SNE sub type 01**

FIELD NAME	START POS	LENGTH	END POS
Sector code	40	4 (T)	43
Effective date	44	8	51
Sector short name	52	13 (T)	64
Sector Afrikaans short name	65	13 (T)	77
Parent sector	78	4 (T)	81
Filler	82	1 (T)	82
Sector status	83	1 (T)	83

FIELD NAME	START POS	LENGHTH	DATA TYPE	END POS
Sector Code	42	8	-	49
Effective Date	50	8	DATE	57
Sector Short Name	58	13	-	70
Sector Afrikaans Short Name	71	13	-	83
Parent Sector	84	8	-	91
Filler	92	1	-	92
Sector Status	93	1	-	93

FIELD DESCRIPTIONS:

SECTOR CODE — All instruments in the market are grouped into sectors, according to the type of business they represent. Each sector is assigned an alpha-numeric code.

EFFECTIVE DATE — The date on which the sector change becomes effective.

SECTOR SHORT NAME — The abbreviated version of the sector name.

SECTOR AFRIKAANS SHORT NAME — The Afrikaans abbreviation of the sector name.

PARENT SECTOR — This is the master code of the sector under which a particular sector falls.

FILLER — Space or Blank.

SECTOR STATUS — The status of the sector on the specified date.

14.10.2 **Record type SN/SNE sub type 02**

FIELD NAME	START POS	LENGTH	END POS
~~Sector code~~	~~40~~	~~4 (T)~~	~~43~~
~~Sector name~~	~~44~~	~~40 (T)~~	~~83~~
~~Sector Afrikaans name~~	~~84~~	~~40 (T)~~	~~123~~

FIELD NAME	START POS	LENGHTH	DATA TYPE	END POS
Sector Code	42	8	_	49
Sector Name	50	40	_	89
Sector Afrikaans Name	90	40	T	129

FIELD DESCRIPTIONS:

SECTOR CODE   All instruments in the market are grouped into sectors, according to the type of business they represent. Each sector is assigned an alpha-numeric code.

SECTOR NAME   The full description of the sector.

SECTOR AFRIKAANS NAME   The Afrikaans description of the sector.

15 CORPORATE ACTIONS DATA PRODUCT

The CA record type reflects a defined set of future dated Corporate Actions. The Corporate Action information provided is the basic information, which is specific to each Instrument. It provides the same information as the JSE's CA schedule product, which is in an Excel format.

All basic Corporate Action information falls within record type CA. Not all the fields will be populated for all the different Corporate Actions. The relevant fields for each Corporate Action is specified below in the layout table.

15.1 Record Type CA 01

15.1.1 Record type CA01

FIELD NAME	START POS	LENGTH	END POS
Source Instrument: ISIN	40	12	51
Source Instrument: Alpha code	52	6	57
Source Instrument: Short Name	58	14	71
Source Instrument: Long Name	72	55	126
Source Instrument: LSE TIDM	127	4	130
Source Instrument: Instrument Type	131	10	140
Source Instrument: Warrant type	141	10	150
Source Instrument: Board	151	10	160
Source Instrument: Sub-Sector	161	4	164
Source Instrument: Dual Listed	165	1	165
Source Instrument: Source Issuer Name	166	55	220
Resultant Instrument: ISIN	221	12	232
Resultant Instrument: Alpha code	233	6	238
Resultant Instrument: Short Name	239	14	252
Resultant Instrument: Long Name	253	55	307
Resultant Instrument: LSE TIDM	308	4	311
Resultant Instrument: Instrument Type	312	10	321
Resultant Instrument: Board	322	10	331
Resultant Instrument: Sub-Sector	332	4	335
Resultant Instrument: Dual Listed	336	1	336
Event Type	337	2	338
Salient Date: Record Last Updated	339	8	346
Salient Date: Declaration Date	347	8	354
Salient Date: Listing / Reinstatement Date	355	8	362
Salient Date: Shareholder's Meeting If Applicable	363	8	370
Salient Date: LDT	371	8	378
Salient Date: Ex Date	379	8	386
Salient Date: Offer Opens Date	387	8	394
Salient Date: Election / Offer Close Date	395	8	402
Salient Date: Record Date	403	8	410
Salient Date: Issue Date	411	8	418
Salient Date: Pay Date	419	8	426
Salient Date: Suspension Date	427	8	434
Salient Date: Termination / Withdrawal / Expiry Date	435	8	442
Option 1: NETT Rate in cents per share	443	19 (13.6)	461
Option 1: AND / OR? Default?	462	10	471
Option 1: Ratio: Source Portion	472	20 (10.10)	491
Option 1: Ratio: Resultant Portion	492	20 (10.10)	511
AND / OR? Default?	512	10	521
Option 2: NETT Rate in cents per share	522	19 (13.6)	540
Option 2: And / OR? Default?	541	10	550
Option 2: Ratio: Source Portion	551	20 (10.10)	570
Option 2: Ratio: Resultant Portion	571	20 (10.10)	590

Processing: Issue Price in Cents Per Share	591	19 (15.4)	609
Processing: Buy Price Odd Lot Offer	610	19 (15.4)	628
Processing: Sell price Odd Lot Offer	629	19 (15.4)	647
Processing: Minimum Qualifying Quantity	648	10	657
Processing: Maximum Qualifying Quantity	658	10	667
Processing: Excess Indicator	668	1	668
Processing: Issue Indicator	669	1	669
Processing: Offer Indicator	670	50	719
Processing: Strike Price Cents Per Share	720	19 (15.4)	738
Processing: Barrier / Stop Loss Levels	739	19 (15.4)	757
Processing: Current Instruments in Issue	758	15	772
Processing: Instruments in Issue Add/Withdrawn	773	15	787
Processing: New Total Instruments in Issue	788	15	802
Payments Specific: Dividend Number	803	10	812
Payments Specific: Dividend Type	813	50	862
Notes	863	1000	1862
JSE General: SAFEX	1863	1	1863
JSE General: Retain History	1864	1	1864
JSE General: Official Approval	1865	1	1865
Sequencing: CA Serial Number	1866	15	1880
Sequencing: Link ID 1	1881	15	1895
Sequencing: Link ID 2	1896	15	1910
Sequencing: Link ID 3	1911	15	1925
Sequencing: Link ID 4	1926	15	1940
Sequencing: Link ID 5	1941	15	1955
Sequencing: Link ID 6	1956	15	1970
Sequencing: Link ID 7	1971	15	1985
Sequencing: Link ID 8	1986	15	2000
Sequencing: Link ID 9	2001	15	2015
Sequencing: Link ID 10	2016	15	2030
Sequencing: Sequencing	2031	2	2032
Sequencing: Relationship	2033	50	2082
Source Equity Numeric Code	2083	9	2091
Resultant Equity Numeric Code	2092	9	2100
Option 1 Gross rate in cents per share	2101	19 (13.6)	2119
Option 2 Gross rate in cents per share	2120	19 (13.6)	2138
BEE Indicator	2139	1	2139
Withholding Tax Percentage	2140	9 (3.6)	2148
Foreign Tax Percentage	2149	9 (3.6)	2157
Foreign Tax Reclaim Percentage	2158	9 (3.6)	2166
STC Credits per Share	2167	19 (13.6)	2185
Dividend in Specie	2186	1	2186
Source of Payment	2187	3	2189
Company Registration Number	2190	20	2209
Company Income Tax Number	2210	15	2224
Fraction Payment Date	2225	8	2232
Rounding Methodology	2233	1	2233
Fraction Payment Gross Rate	2234	19 (13.6)	2252
Fraction Payment Nett Rate	2253	19 (13.6)	2271
Fraction Payment Withholding Tax Percentage	2272	9 (3.6)	2280
Fraction Payment Foreign Tax Percentage	2281	9 (3.6)	2289
Fraction Payment Foreign Tax Reclaim Percentage	2290	9 (3.6)	2298
Fraction Payment STC Credits per Share	2299	19 (13.6)	2317
Minimum Payment Threshold	2318	18	2335
Source Par Value	2336	20 (11.9)	2355
Resultant Par Value	2356	20 (11.9)	2375

FIELD NAME	START POS	LENGHTH	DATA TYPE	END POS
Source Instrument: ISIN	42	12		53
Source Instrument: Alpha Code	54	6		59
Source Instrument: Short Name	60	14		73
Source Instrument: Long Name	74	55		128
Source Instrument: TIDM	129	4		132
Source Instrument: Instrument Type	133	10		142
Source Instrument: Warrant Type	143	10		152
Source Instrument: Board	153	10		162
Source Instrument: Sub-Sector	163	8		170
Source Instrument: Dual Listed	171	1		171
Source Instrument: Source Issuer Name	172	55		226
Resultant Instrument: ISIN	227	12		238
Resultant Instrument: Alpha Code	239	6		244
Resultant Instrument: Short Name	245	14		258
Resultant Instrument: Long Name	259	55		313
Resultant Instrument: TIDM	314	4		317
Resultant Instrument: Instrument Type	318	10		327
Resultant Instrument: Board	328	10		337
Resultant Instrument: Sub-Sector	338	8		345
Resultant Instrument: Dual Listed	346	1		346
Event Type	347	2		348
Salient Date: Record Last Updated	349	8	DATE	356
Salient Date: Declaration Date	357	8	DATE	364
Salient Date: Listing / Reinstatement Date	365	8	DATE	372
Salient Date: Shareholder's Meeting If Applicable	373	8	DATE	380
Salient Date: LDT	381	8	DATE	388
Salient Date: Ex-Date	389	8	DATE	396
Salient Date: Offer Opens Date	397	8	DATE	404
Salient Date: Election / Offer Close Date	405	8	DATE	412
Salient Date: Record Date	413	8	DATE	420
Salient Date: Issue Date	421	8	DATE	428
Salient Date: Pay Date	429	8	DATE	436
Salient Date: Suspension Date	437	8	DATE	444
Salient Date: Termination / Withdrawal / Expiry Date	445	8	DATE	452
Option 1: NETT Rate In Cents Per Share	453	19	N	471
And_OrOperator1	472	10		481
Option 1: Ratio: Source Portion	482	20	N	501
Option 1: Ratio: Resultant Portion	502	20	N	521
And_OrOperator2	522	10		531
Option 2: NETT Rate In Cents Per Share	532	19	N	550
And_OrOperator3	551	10		560
Option 2: Ratio: Source Portion	561	20	N	580
Option 2: Ratio: Resultant Portion	581	20	N	600
Processing: Issue Price in Cents Per Share	601	19	N	619
Processing: Buy Price Odd Lot Offer	620	19	N	638
Processing: Sell price Odd Lot Offer	639	19	N	657
Processing: Minimum Qualifying Quantity	658	10	N	667

Processing: Maximum Qualifying Quantity	668	10	N	677
Processing: Excess Indicator	678	1	-	678
Processing: Issue Indicator	679	1	-	679
Processing: Offer Indicator	680	50	-	729
Processing: Strike Price Cents Per Share	730	19	N	748
Processing: Barrier / Stop Loss Levels	749	19	N	767
Processing: Current Instruments in Issue	768	15	N	782
Processing: Instruments In Issue Add/Withdrawn	783	15	N	797
New Shares In Issue	798	15	N	812
Payments Specific: Dividend Number	813	10	N	822
Payments Specific: Dividend Type	823	50	-	872
Notes	873	1000	-	1872
SAFEX	1873	1	-	1873
JSE General: Retain History	1874	1	-	1874
JSE General: Official Approval	1875	1	-	1875
Sequencing: CA Serial Number	1876	15	N	1890
Sequencing: Link ID 1	1891	15	N	1905
Sequencing: Link ID 2	1906	15	N	1920
Sequencing: Link ID 3	1921	15	N	1935
Sequencing: Link ID 4	1936	15	N	1950
Sequencing: Link ID 5	1951	15	N	1965
Sequencing: Link ID 6	1966	15	N	1980
Sequencing: Link ID 7	1981	15	N	1995
Sequencing: Link ID 8	1996	15	N	2010
Sequencing: Link ID 9	2011	15	N	2025
Sequencing: Link ID 10	2026	15	N	2040
Sequence	2041	2	N	2042
Sequencing: Relationship	2043	50	-	2092
Source Instrument: Master Code	2093	9	N	2101
Resultant Equity Numeric Code	2102	9	N	2110
Option 1 Gross rate in cents per share	2111	19	N	2129
Option 2 Gross rate in cents per share	2130	19	N	2148
BEE Indicator	2149	1	-	2149
Withholding Tax Percentage	2150	9	N	2158
Foreign Tax Percentage	2159	9	N	2167
Foreign Tax Reclaim Percentage	2168	9	N	2176
STC Credits Per Share	2177	19	N	2195
Dividend in Specie	2196	1	-	2196
Source Of Payment	2197	3	-	2199
Company Registration Number	2200	20	-	2219
Company Income Tax Number	2220	15	-	2234
Fraction Payment Date	2235	8	DATE	2242
Rounding Methodology	2243	1	-	2243
Fraction Payment Gross Rate	2244	19	N	2262
Fraction Payment Nett Rate	2263	19	N	2281
Fraction Payment Withholding Tax Percentage	2282	9	N	2290
Fraction Payment Foreign Tax Percentage	2291	9	N	2299
Fraction Payment Foreign Tax Reclaim Percentage	2300	9	N	2308
Fraction Payment STC Credits per Share	2309	19	N	2327

Minimum Payment Threshold	2328	18	N	2345
Source Par Value	2346	20		2365
Resultant Par Value	2366	20		2385

FIELD DESCRIPTIONS:

Source Instrument	Instrument that corporate actions are based on and to which entitlements are due.
Source Instrument: ISIN	This represents the ISIN (International Securities Identification Number) of the Source Instrument for the Corporate Action. This number can change during the lifetime of an instrument e.g. when the instrument undergoes a Name Change (NC Event type)
Source Instrument: Alpha Code	This represents the Alpha Code of the Source Instrument. The Alpha Code is a unique JSE Identification trading code of instruments on the JSE..
Source Instrument: Short Name	This represents the Short Name of the Source Instrument.
Source Instrument: Instrument Long Name	This represents the Long Name of the Source Instrument.
Source Instrument: LSE TIDM	This represents the TIDM of the Source Instrument. The TIDM is a unique London Stock Exchange identifier for the instrument.
Source Instrument: Instrument Type	This represents the Instrument Type of the Source Instrument. E.g. Ordinary, Preference Share, Debenture, etc.
Source Instrument: Warrant Type	This represents the Warrant Type of the Source Instrument if the instrument is a Warrant. This will be a null value if the Instrument is not a Warrant. Values are AC (American Call), AP (American Put), EC (European Call), EP (European Put), AX (American Combined), EX (European Combined) and OT (Other).
Source Instrument: Board	This represents the Board of the Source Instrument. E.g. Main, AltX, VCM and DCM.
Source Instrument: Sub Sector	This represents the Industry Sub Sector Code of the Source Instrument as determined by the ICB classification.
Source Instrument: Dual Listed	This is an indicator which represents whether the instrument is listed on more than one exchange. Options are 'Y' or blank
Source Instrument: Issuer Name	This represents the Issuer Name of the Source Instrument.

Resultant Instrument: ISIN	This represents the ISIN number of the Resultant Instrument for the Corporate Action. This number can change during the lifetime of an instrument e.g. when the instrument undergoes a Name Change (NC Event type)
Resultant Instrument: Alpha Code	This represents the Alpha Code of the Resultant Instrument The Alpha Code is a unique JSE Identification trading code of instruments on the JSE.
Resultant Instrument: Short Name	This represents the Short Name of the Resultant Instrument.
Resultant Instrument: Instrument Long Name	This represents the Long Name of the Resultant Instrument.
Resultant Instrument: LSE TIDM	This represents the TIDM of the Resultant Instrument. The TIDM is a unique London Stock Exchange identifier for the instrument.
Resultant Instrument: Instrument Type	This represents the Instrument Type of the Resultant Instrument. E.g. Ordinary, Preference Shares, Debenture, etc.
Resultant Instrument: Board	This represents the Board of the Resultant Instrument for the Corporate Action. E.g. Main, AltX, VCM or DCM.
Resultant Instrument: Sub Sector	This represents the Industry Sub Sector Code of the Resultant Instrument as determined by the ICB classification..
Resultant Instrument: Dual Listed	This is an indicator which represents whether the instrument is listed on more then one exchange. Options are 'Y' or blank
Event Type	This reflects the Corporate Action Event Type which generates the change to the Instrument / share holding. e.g. SD (Subdivision), CD (Cash Dividend), NC (Name Change) etc.
Salient Date: Record Last Updated	This represents the Process Date Time stamp of the last time the relevant Corporate Action was updated.
Salient Date: Declaration Date	This represents the Declaration Date for the relevant Corporate Action (The date when the event was initially entered into the system).
Salient Date: Listing / Reinstatement Date	This represents the Listing Date or Reinstatement Date (Suspension Lifted) for the relevant Corporate Action.
Salient Date: Shareholder's Meeting If Applicable	This represents the Shareholder Meeting Date for the relevant Corporate Action if applicable.

Salient Date: LDT	This is the last date that trading can take place in the source instrument and the holder is still entitled to participate in the corporate action.
Salient Date: EX Date	This represents the EX Date for the relevant Corporate Action. This is on the next working day after LDT – the shareholder no longer qualify to receive the entitlement, if his entitlement has been sold.
Salient Date: Offer Opens Date	This represents the Offer Opening Date for the relevant Corporate Action.
Salient Date: Election / Offer Close Date	This represents the Offer Close Date for the relevant Corporate Action. This is the last day to elect to receive an option.
Salient Date: Record Date	This represents the Record Date for the relevant Corporate Action (The day that the registers of the Transfer Secretary are updated).
Salient Date: Issue Date	This represents the Issue Date for the relevant Corporate Action (The date when resultant shares are issued to the shareholders).
Salient Date: Pay Date	This represents the Pay Date for the relevant Corporate Action (The date when cash is paid to shareholders for any form of payment e.g. dividend, capital distribution or offer).
Salient Date: Suspension Date	This represents the Suspension Date for the relevant Corporate Action. The shares of the company cannot be traded while it is suspended.
Salient Date: Termination / Withdrawal Date / Expiry Date	This represents the Termination Date for the relevant Corporate Action.
Option 1: NETT Rate in cents per share	This represents the payment amount, excluding withholding tax and foreign tax, expected from a share with regard to the Corporate Actions in which the Shareholder has the right to receive a payment e.g. CD (Cash Dividend).

For Cash Dividends (CD), Scrip Dividends (SC) and Special Dividends (IS) it is calculated in the following way:

Scenario 1:

If the (Foreign Tax% – Foreign Reclaim%) > Local Withholding Tax %

The following calculation will apply:

Nett Rate = (Gross – STC) – ((ForeignTax - ForeignTaxReclaim) * (Gross – STC)/100) + STC

Scenario 2:

	If the Local Withholding Tax % >= (Foreign Tax% – Foreign Reclaim%)
	Then the following calculation will apply:
	Nett Rate = (Gross – STC) – ((WithholdingTax) * (Gross – STC)/100) + STC
	* This value does not take into account any tax exemptions or double taxation agreements.
Option 1: AND / OR? Default?	This represents the Link Operator that will be used to indicate whether the payment offers money AND shares, or money OR shares.
Option 1: Ratio: Source Portion	The Source to Resultant ratio (S:R) is the ratio in which scrip will be received. E.g. S:R = 1:2 means the shareholder will get 2 new shares for every 1 held.
Option 1: Ratio: Resultant Portion	The Source to Resultant ratio (S:R) is the ratio in which scrip will be received. E.g. S:R = 1:2 means the shareholder will get 2 new shares for every 1 held.
AND / OR? Default?	This represents the Link Operator between Option 1 and Option 2,
Option 2: NETT Rate in cents per share	This represents the payment amount, excluding withholding tax and foreign tax, expected from a share with regard to the Corporate Actions in which the Shareholder has options with regard to payment (E.g. Scrip Dividends (SC))

For Scrip Dividends (SC) it is calculated in the following way:

Scenario 1:

If the (Foreign Tax% – Foreign Reclaim%) > Local Withholding Tax %

The following calculation will apply:

Nett Rate = (Gross – STC) – ((ForeignTax - ForeignTaxReclaim) * (Gross – STC)/100) + STC

Scenario 2:

If the Local Withholding Tax % >= (Foreign Tax% – Foreign Reclaim%)

Then the following calculation will apply:

Nett Rate = (Gross – STC) – ((WithholdingTax) * (Gross – STC)/100) + STC

*This value does not take into account any tax exemptions or double taxation agreements.

Option 2: AND / OR? Default?	This represents the Link Operator that will be used to indicate whether the payment offers money AND shares, or money OR shares.
Option 2: Ratio: Source Portion	The Source to Resultant ratio (S:R) is the ratio in which scrip will be received. E.g. S:R = 1:2 means the shareholder will get 2 new shares for every 1 held.
Option 2: Ratio: Resultant Portion	The Source to Resultant ratio (S:R) is the ratio in which scrip will be received. E.g. S:R = 1:2 means the shareholder will get 2 new shares for every 1 held.
Processing: Issue Price In Cents Per Share	This represents the Issue Price for a share recorded within a Corporate Action (e.g. event types MB, MW, AS, GI, SI etc.)
Processing: Buy Price Odd Lot Offer	This represents the Buy Price offered within Odd Lot Offers for an OL Corporate Action. It is the price at which the Issuer will repurchase the Odd Lot holding from the Shareholder.
Processing: Sell Price Odd Lot Offer	This represents the Sell Price offered within Odd Lot Offers for an OL Corporate Action. It is the price at which the Issuer will sell the Odd Lot holding to the Shareholder
Processing: Minimum Qualifying Quantity	This represents the Minimum Qualifying Quantity for a Corporate Action (the minimum qualifying number of shares or cash amount required to participate in the entitlement).
Processing: Maximum Qualifying Quantity	This represents the Maximum Qualifying Quantity for a Corporate Action (the maximum qualifying number of shares or cash amount required to participate in the entitlement).
Processing: Excess Indicator	This represents the Excess Indicator for a Corporate Action. It is an indicator to inform the shareholder whether or not excess shares are available in a rights offer that has not been underwritten.
Processing: Issue Indicator	This represents the Issue Indicator for a Corporate Action. It indicates whether any minimum qualifying quantities are in cash or number of shares.
Processing: Offer Indicator	This represents the Offer Indicator for a Corporate Action. It indicates if the new listing is done by means of a private placement, IPO, both.
Processing: Strike Price Cents Per Share	This represents the Strike Price for a Corporate Action (the price at which you can purchase the underlying). This value is only applicable to Warrants and will be blank for all other Instruments.

Processing: Barrier / Stop Loss Levels	This represents the Barrier / Stop Loss Level for a Corporate Action. This value is blank for all Instruments that are not warrants.
	The Barrier Level is the level of the underlying that, if reached, will result in the warrant automatically terminating with a zero value.
	Similar to a barrier with respect to warrants, except there is a usually a redeemable portion payable to warrant holders on termination of a warrant.
Processing: Current Instruments In Issue	This represents the Listed Instruments in issue for the Source Instrument. For an IC Corporate Action this value will represent the current total number of Authorised Instruments.
Processing: Instruments In Issue Add / Withdrawn	This represents the number of Instruments to change for the Source Instrument. For an IC Corporate Action this value will represent the change in Authorised Instruments.
Processing: New Total Instruments In Issue	This represents the Listed Instrument value related to the Source Instrument after the Corporate Action has been processed. For an IC Corporate Action this value will represent the new total Authorised Instruments.
Payments Specific: Dividend Number	This represents the number given to a Dividend Payment within a Corporate Action.
Payments Specific: Dividend Type	This represents the type of Divided Payment related to a Corporate Action. Values are 'Interim' / 'Final' / 'Special'.
Notes: Notes	This represents the Notes field saved to the Corporate Action. It contains any pertinent information not already on the Corporate Actions schedule, e.g. Reasons for suspensions / termination
JSE General: SAFEX	This is related to an indicator of whether the Instrument is related to a Derivative Instrument. Values are 'Y' or 'N'.
JSE General: Retain History	This is related to whether the Corporate Action will retain the original data related to an Instrument. This value will only be populated for NC and RL Corporate Actions. Values are 'Y' or 'N'.
JSE General: Official Approval	This is related to the Status of a Corporate Action. The CA must be approved by a Corporate Finance Officer of the JSE as well as Annual General Meetings or Special General Meetings if required, and sanctioned by the courts if required, to have a 'Y' status. If any are outstanding this will have a 'N' status and the event will not proceed until the

	outstanding issues have been resolved / addressed.
Sequencing: CA Serial Number	This reflects the CA Serial Number of the Corporate Action. It is a unique number that identifies a specific Corporate Action.
Sequencing: Link ID 1	This reflects the CA Serial number of another Corporate Action which the relevant CA is related to (blank if not applicable)
Sequencing: Link ID 2	This reflects the CA Serial number of another Corporate Action which the relevant CA is related to (blank if not applicable)
Sequencing: Link ID 3	This reflects the CA Serial number of another Corporate Action which the relevant CA is related to (blank if not applicable)
Sequencing: Link ID 4	This reflects the CA Serial number of another Corporate Action which the relevant CA is related to (blank if not applicable)
Sequencing: Link ID 5	This reflects the CA Serial number of another Corporate Action which the relevant CA is related to (blank if not applicable)
Sequencing: Link ID 6	This reflects the CA Serial number of another Corporate Action which the relevant CA is related to (blank if not applicable)
Sequencing: Link ID 7	This reflects the CA Serial number of another Corporate Action which the relevant CA is related to (blank if not applicable)
Sequencing: Link ID 8	This reflects the CA Serial number of another Corporate Action which the relevant CA is related to (blank if not applicable)
Sequencing: Link ID 9	This reflects the CA Serial number of another Corporate Action which the relevant CA is related to (blank if not applicable)
Sequencing: Link ID 10	This reflects the CA Serial number of another Corporate Action which the relevant CA is related to (blank if not applicable)
Sequencing: Sequencing	This reflects the Sequence Number of the Corporate Action
Sequencing: Relationship	This reflects a description of the Relationship between the relevant Corporate Actions which will be displayed as a string of text that shows the brackets with AND/OR operators in each Corporate Action that is affected in the sequence.
Source Equity Numeric Code	Unique identifier for the source instrument.

Resultant Equity Numeric Code	Unique identifier for the resultant instrument.
Option 1 Gross rate in cents per share	This represents the payment amount, including withholding tax, expected from a share with regard to the Corporate Actions in which the Shareholder has the right to receive a payment e.g. CD (Cash Dividend) or CP (Capital Payment)
Option 2 Gross rate in cents per share	This represents the payment amount, including withholding tax, expected from a share with regard to the Corporate Actions in which the Shareholder has options with regard to payment (E.g. Scheme Of Arrangements, Scrip Dividends)
BEE Indicator	This field indicates whether the Corporate Action is part of a BEE transaction. Only applicable to the SA (Scheme of Arrangement) Corporate Action type.
	Valid values will include 'Y' or 'N' for the SA Corporate Action type and blank for all other Corporate Action types.
Withholding Tax Percentage	The percentage of local tax deducted for South African shareholders
Foreign Tax Percentage	The percentage of foreign withholding tax deducted in the foreign jurisdiction, if applicable
Foreign Tax Reclaim Percentage	The foreign withholding tax that can be reclaimed by South African Shareholders
STC Credits per Share	Amount of STC credits applicable to the payment, in cents per share
Dividend in Specie	Indicates whether the corporate action is a dividend in specie.
	This field will contain a "Y" if the Corporate Action is a dividend in Specie, else it will be blank.
Source of Payment	Indicates the Source of payment of the corporate action. This field will contain "INC" for Income, "CAP" for Capital or "INT" for Interest else it will be blank. This field applies to the following corporate actions: CD, SC, IS, IL, CP, CR and IT (refer to the Glossary of terms for corporate action types)
Company Registration Number	Company Registration Number of the issuer
Company Income Tax Number	Tax Number of the issuer
Fraction Payment Date	Date of payment
Rounding Methodology	Rounding convention for fractional entitlements

- D – Round Down (This is where the share entitlement is rounded down to the last full unit, and the fractions are discarded)

- U – Round Up (This is where the share entitlement is rounded up to the next full unit, and the fractions are discarded)

- S – Standard Rounding (Fractions will be rounded down to the nearest whole number if they are less than 0,5 or will be

rounded up to the nearest whole number
if they are equal to or greater than 0,5)

- F – Distributed Rounding (Take
distribution of fractions in the form of
securities/ cash)

Fraction Payment Gross Rate	The payment amount, including the withholding tax and foreign tax, expected from a fraction of a share with regard to the Corporate Actions in which the Shareholder has the right to receive a payment
Fraction Payment Nett Rate	This represents the payment amount, excluding withholding tax and foreign tax, expected from a fraction of a share with regard to the Corporate Action in which the Shareholder has the right to receive a payment
Fraction Payment Withholding Tax Percentage	The percentage of local tax deducted for South African shareholders
Fraction Payment Foreign Tax Percentage	The percentage of foreign withholding tax deducted in the foreign jurisdiction, if applicable
Fraction Payment Foreign Tax Reclaim Percentage	The foreign withholding tax that can be reclaimed by South African Shareholders
Fraction Payment STC Credits per Share	Amount of STC credits applicable to the payment, in cents per share
Minimum Payment Threshold	This represents the minimum amount that will be paid out to shareholders as a fractional payment. An amount less than the specified amount may result in bank charges exceeding the payout amount. This amount is displayed in ZAC.
Source Par Value	Par Value of the source instrument or the initial par value
Resultant Par Value	Par Value of the resultant instrument or the resultant par value.

15.2   Record Type CA 02

15.2.1   Record type CA 02

FIELD NAME	START POS	LENGTH	END POS
Source Instrument: ISIN	40	12 (T)	51
Source Instrument: Alpha code	52	6 (T)	57
Source Instrument: Short Name	58	14 (T)	71
Source Instrument: LSE TIDM	72	4 (T)	75
Source Instrument: Sub-Sector	76	4 (T)	79
Source Instrument: Dual Listed	80	1 (T)	80
Source Instrument: Issuer Name	81	55 (T)	135
Salient Feature: Declared Date	136	8	143
Salient Feature: Meeting Date	144	8	151
Salient Feature: Meeting Type Code	152	6	157
Salient Feature: Time	158	6	163
Salient Feature: Annual Report	164	1 (T)	164
Salient Feature: Circular	165	1 (T)	165

FIELD NAME	START POS	LENGHTH	DATA TYPE	END POS
~~Address~~	~~166~~	~~128 (T)~~		~~293~~

FIELD NAME	START POS	LENGHTH	DATA TYPE	END POS
Source Instrument: ISIN	42	12	-	53
Source Instrument: Alpha Code	54	6	-	59
Source Instrument: Short Name	60	14	-	73
Source Instrument: LSE TIDM	74	4	-	77
Source Instrument: Sub-Sector	78	8	-	85
Source Instrument: Dual Listed	86	1	-	86
Source Instrument: Issuer Name	87	55	DATE	141
Salient Feature: Declared Date	142	8	DATE	149
Salient Feature: Meeting Date	150	8	-	157
Salient Feature: Meeting Type Code	158	6	-	163
Source Instrument: Time	164	6	-	169
Source Instrument: Annual Report	170	1	-	170
Source Instrument: Circular	171	1	T	171
Source Instrument: Address	172	128	-	299

FIELD DESCRIPTIONS:

SOURCE INSTRUMENT: ISIN

This represents the ISIN (International Securities Identification Number) of the Source Instrument for the Corporate Action. This number can change during the lifetime of an instrument e.g. when the instrument undergoes a Name Change (NC Event type)

SOURCE INSTRUMENT: ALPHA CODE

This represents the Alpha Code of the Source Instrument. The Alpha Code is a unique JSE Identification trading code of instruments on the JSE.

SOURCE INSTRUMENT: SHORT NAME

This represents the Short Name of the Source Instrument.

SOURCE INSTRUMENT: LSE TIDM

This represents the TIDM of the Source Instrument. The TIDM is a unique London Stock Exchange identifier for the instrument.

SOURCE INSTRUMENT: SUB SECTOR

This represents the Industry Sub Sector Code of the Source Instrument as determined by the ICB classification.

SOURCE INSTRUMENT: DUAL LISTED

This is an indicator which represents whether the instrument is listed on more than one exchange. Options are 'Y' or blank

SOURCE INSTRUMENT: ISSUER NAME

This represents the Issuer Name of the Source Instrument.

SALIENT FEATURE: DECLARED DATE

The date the meeting was announced in the format YYYYMMDD.

SALIENT FEATURE: MEETING DATE

The date of the meeting in the format YYYYMMDD.

SALIENT FEATURE: MEETING TYPE CODE

The Meeting Type code. Possible values are:

Code	Meaning of the code
SM	Shareholder Meeting

SALIENT FEATURE: TIME

The time of the meeting in the format HHMMSS.

SALIENT FEATURE: ANNUAL REPORT

The value is 'Y' or 'N', indicating whether there was an annual report sent out in relation to this meeting.

SALIENT FEATURE: CIRCULAR

The value is 'Y' or 'N', indicating whether there was a circular sent out in relation to this meeting.

ADDRESS

The address of the meeting.