



**JOHANNESBURG STOCK EXCHANGE**  
**Equity Derivatives**



2000 476.0 ↑ 2000 563 ↑ 2000 577.0 ↓ 2000 142 ↑

**Equity Derivatives | Monthly Update March 2014**



# INDEX

Page

<b>1.</b>	<b>MONTHLY STATISTICS</b>	<b>4</b>
1.1	Monthly Statistics for the period Oct 2013 to Mar 2014	4
<b>2.</b>	<b>ALSI - FTSE/JSE TOP 40 INDEX</b>	<b>5</b>
2.1	Price and Volatility Movement for the period Oct 2013 to Mar 2014	5
<b>3.</b>	<b>NUMBER OF CONTRACTS AND OPEN INTEREST</b>	<b>6</b>
3.1	Number of Contracts Traded for the period Oct 2013 to Mar 2014	6
3.2	Open Interest for the period Oct 2013 to Mar 2014	6
3.3	Graph of Number of Contracts Traded versus Open Interest for the period Oct 2013 to Mar 2014	7
3.4	ALSI Option Mar 2014 Expiry - Open Interest as at 20 Mar 2014	
3.4.1	ALSI Option Mar 2014 Expiry - Open Interest as at 31 Mar 2014	
3.5	Number of Contracts Traded for Mar 2014 on Futures and Options	8
3.6	Number of Contracts Traded for Mar 2014 across all Futures and Options Instruments	9
3.7	Number of Index Futures and Options Contracts Traded for the period Oct 2013 to Mar 2014	9
3.8	Number of Single Stock Futures and Options Contracts Traded for the period Oct 2013 to Mar 2014	10
3.9	Number of Can-Do Futures and Options Contracts Traded for the period Oct 2013 to Mar 2014	10
<b>4.</b>	<b>TRADED VALUE</b>	<b>11</b>
4.1	Traded Value for Futures and Premium Traded for Options for the period Oct 2013 to Mar 2014	11
4.2	Gross Traded Value for Options for the period Oct 2013 to Mar 2014	11
4.3	Graph of combined Traded Value for Futures and Premium Traded for Options for the period Oct 2013 to Mar 2014	12
4.4	Percentage of Total Traded Value for Futures and Premium Traded for Options for Mar 2014	12
4.5	Percentage of Total Traded Value for Futures and Premium Traded for Options for Mar 2014 across all instruments	13
4.6	Can-Do Futures and Options Value Traded for the period Oct 2013 to Mar 2014	13

	Page
<b>5.</b>	<b>COMPARISON OF FOREIGN VERSUS LOCAL TRADES</b> <span style="float: right;">14</span>
5.1	Number of Contracts Traded for Mar 2014 on Index Futures and Options <span style="float: right;">14</span>
5.2	Number of Contracts Traded for Mar 2014 on Single Stock Futures and Options <span style="float: right;">14</span>
5.3	Foreign and Local Open Interest for Mar 2014 <span style="float: right;">15</span>
<b>6.</b>	<b>FUTURES</b> <span style="float: right;">16</span>
6.1	Top 5 Index and Single Stock Futures by Number of Contracts Traded <span style="float: right;">16</span>
6.2	Top 5 Index and Single Stock Futures by Traded Value <span style="float: right;">16</span>
<b>7.</b>	<b>OPTIONS</b> <span style="float: right;">17</span>
7.1	Top 5 Index and Single Stock Options by Number of Contracts Traded <span style="float: right;">17</span>
7.2	Top 5 Index and Single Stock Options by Traded Value <span style="float: right;">17</span>
<b>8.</b>	<b>MILESTONES ACHIEVED</b> <span style="float: right;">18</span>
8.1	Milestones Achieved across all Equity Derivative Instruments <span style="float: right;">18</span>
<b>9.</b>	<b>MARKET SHARE</b>
9.1	Futures and Options Market Share <span style="float: right;">19</span>

## 1. MONTHLY STATISTICS

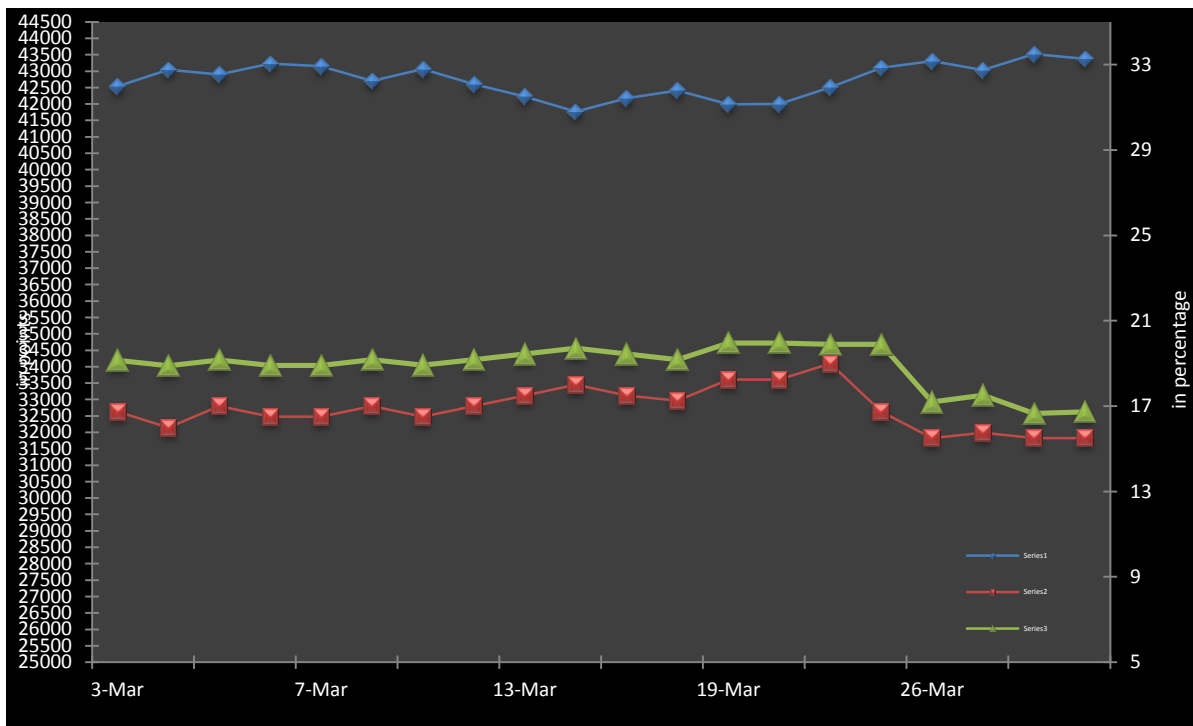
### 1.1 Number of Contracts, Traded Value and Open Interest on Futures and Options for the six-month period Oct 2013 to Mar 2014

		October	November	December	January	February	March
<b>No of Contracts</b>							
<b>Futures</b>	<b>Total</b>	12 663 129	10 625 150	28 385 008	10 337 189	8 500 537	24 725 275
	<b>Daily Avg</b>	550 571	505 960	1 493 948	469 872	425 027	1 236 264
<b>Options</b>	<b>Total</b>	23 021 736	11 749 173	29 497 504	19 171 115	1 570 043	1 240 211
	<b>Daily Avg</b>	1 000 945	559 484	1 552 500	871 414	78 502	62 011
<b>No of Deals</b>							
<b>Futures</b>	<b>Total</b>	233 494	215 737	228 670	266 857	297 490	307 516
	<b>Daily Avg</b>	10 152	10 273	12 035	12 130	14 875	15 376
<b>Options</b>	<b>Total</b>	1 513	1 335	1 162	1 565	2 181	1 668
	<b>Daily Avg</b>	66	64	61	71	109	83
<b>Traded Value</b>							
<b>Futures</b>	<b>Total</b>	320 449 937 874	303 738 472 003	639 180 334 337	368 107 172 905	397 207 222 897	784 631 133 490
	<b>Daily Avg</b>	13 932 605 995	14 463 736 762	33 641 070 228	16 732 144 223	19 860 361 145	39 231 556 675
<b>Options</b>	<b>Total</b>	71 771 209 557	62 183 693 271	89 108 022 169	126 245 372 036	105 507 804 029	107 813 974 706
	<b>Daily Avg</b>	3 120 487 372	2 961 128 251	4 689 895 904	5 738 426 002	5 275 390 201	5 390 698 735
<b>Premium Traded</b>							
<b>Options</b>	<b>Total</b>	1 670 418 640	1 496 333 799	1 981 754 605	2 184 860 488	2 929 487 250	2 457 167 731
	<b>Daily Avg</b>	72 626 897	71 253 990	104 302 874	99 311 840	146 474 362	122 858 387
<b>Open Interest</b>							
<b>Futures</b>	<b>Total</b>	14 419 096	17 208 610	14 113 246	12 930 813	14 694 922	12 773 518
<b>Options</b>	<b>Total</b>	9 454 026	9 959 765	2 072 619	8 789 640	9 520 821	8 646 297

2. **ALSI – FTSE/JSE TOP 40 INDEX**

2.1 Price and Volatility Movement for the Near ALSI for the three-month period Jan 2014 to Mar 2014. The highest MTM price during this period was on the 28<sup>th</sup> March 2014.

Date	MTM	Volatility	SAVI
28-Mar-2014	43522	15.50	16.65



### 3. NUMBER OF CONTRACTS AND OPEN INTEREST

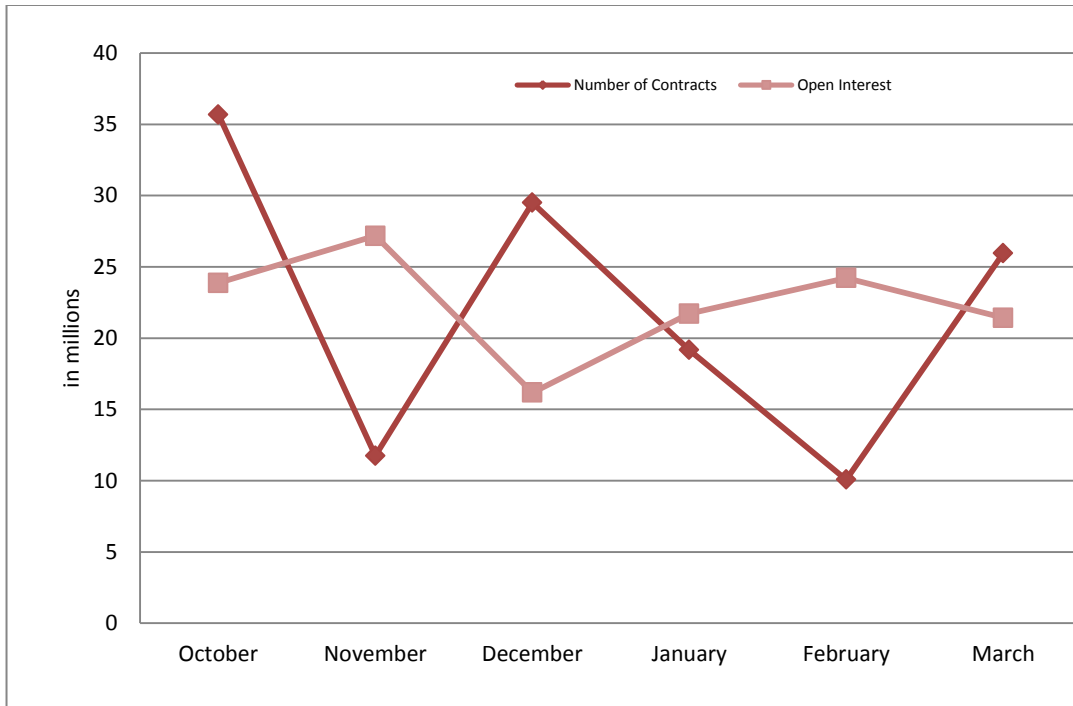
#### 3.1. Number of Contracts Traded for the period Oct 2013 to Mar 2014

	October	November	December	January	February	March
<b>Index Futures</b>	912 968	875 747	2 097 047	1 015 590	1 116 913	2 352 815
<b>Single Stock Futures</b>	1 624 862	1 463 507	3 850 487	1 157 158	927 322	3 228 864
<b>Can-Do Futures</b>	1 225 211	593 401	795 857	533 179	585 946	921 999
<b>Dividend Futures</b>	1 824 986	1 821 337	2 268 538	849 719	1 759 621	2 688 945
<b>IDX Futures</b>	3 859 236	2 976 013	10 094 491	3 583 325	2 106 014	7 334 613
<b>IDX Dividend Futures</b>	3 186 540	2 722 506	8 833 777	2 936 682	1 843 692	5 968 334
<b>Metal Futures</b>	0	0	0	0	0	
<b>Commodity Futures</b>	23 315	18 943	19 704	23 000	42 691	20 363
<b>Exchange Traded CFD</b>	6 011	153 696	425 107	238 536	118 338	2 209 342
<b>TOTAL FUTURES</b>	<b>12 663 129</b>	<b>10 625 150</b>	<b>28 385 008</b>	<b>10 337 189</b>	<b>8 500 537</b>	<b>24 725 275</b>
<b>Index Options</b>	221 964	176 994	336 154	247 359	321 348	305 766
<b>Single Stock Options</b>	600 954	745 814	532 576	1 305 372	1 075 461	793 635
<b>Can-Do Options</b>	22 198 782	201 215	243 766	7 281 195	173 234	140 810
<b>Commodity Options</b>	36	0	0	0	0	0
<b>TOTAL OPTIONS</b>	<b>23 021 736</b>	<b>1 124 023</b>	<b>1 112 496</b>	<b>8 833 926</b>	<b>1 570 043</b>	<b>1 240 211</b>
<b>TOTAL</b>	<b>35 684 865</b>	<b>11 749 173</b>	<b>29 497 504</b>	<b>19 171 115</b>	<b>10 070 580</b>	<b>25 965 486</b>

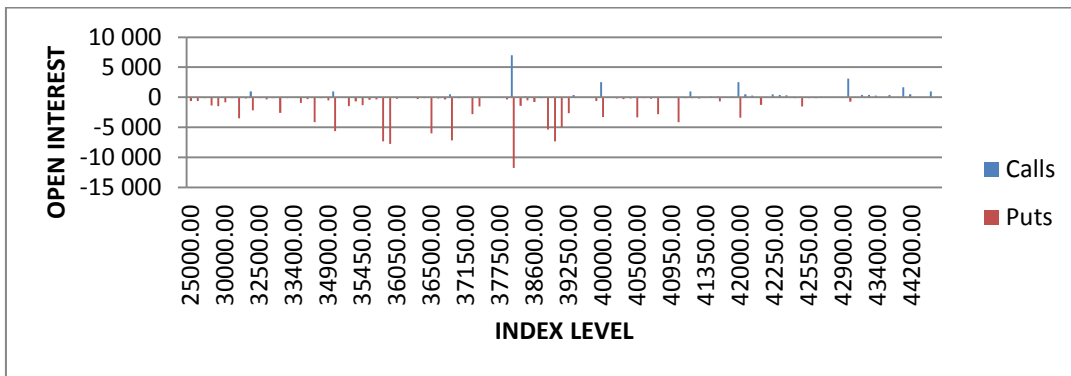
#### 3.2. Open Interest for the period Oct 2013 to Mar 2014

	October	November	December	January	February	March
<b>Index Futures</b>	403 812	425 332	356 253	382 716	446 783	381 858
<b>Single Stock Futures</b>	2 410 907	2 159 907	1 923 032	2 037 962	1 973 818	1 702 822
<b>Can-Do Futures</b>	1 003 892	1 559 693	837 283	665 443	1 754 307	1 156 549
<b>Dividend Futures</b>	1 586 772	1 586 772	1 594 435	1 258 535	2 315 372	1 579 410
<b>IDX Futures</b>	4 667 321	5 823 253	4 523 572	4 243 861	4 011 831	3 707 548
<b>IDX Dividend Futures</b>	4 317 652	5 498 157	4 140 168	3 871 360	3 634 964	3 339 162
<b>Metal Futures</b>	0	0	0	0	0	0
<b>Commodity Futures</b>	4 335	4 291	649	2 632	2 583	1 133
<b>Exchange Traded CFD</b>	24 405	151 205	464 443	468 304	555 264	905 036
<b>TOTAL FUTURES</b>	<b>14 419 096</b>	<b>17 208 610</b>	<b>13 839 835</b>	<b>12 930 813</b>	<b>14 694 922</b>	<b>12 773 518</b>
<b>Index Options</b>	959 427	1 031 402	725 024	786 575	908 423	724 731
<b>Single Stock Options</b>	2 175 621	2 564 814	1 060 536	1 936 150	2 489 705	1 896 630
<b>Can-Do Options</b>	6 318 946	6 363 517	287 059	6 066 915	6 122 693	6 024 936
<b>Commodity Options</b>	32	32	0	0	0	0
<b>TOTAL OPTIONS</b>	<b>9 454 026</b>	<b>9 959 765</b>	<b>2 072 619</b>	<b>8 789 640</b>	<b>9 520 821</b>	<b>8 646 297</b>
<b>TOTAL</b>	<b>23 873 122</b>	<b>27 168 375</b>	<b>15 912 454</b>	<b>21 720 453</b>	<b>24 215 743</b>	<b>21 419 815</b>

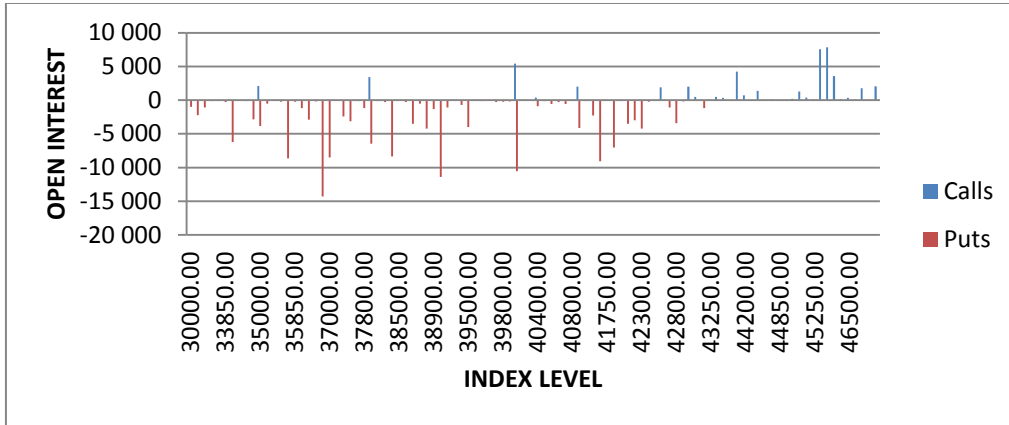
3.3. Number of Contracts Traded versus Open Interest for the period Oct 2013 to Mar 2014



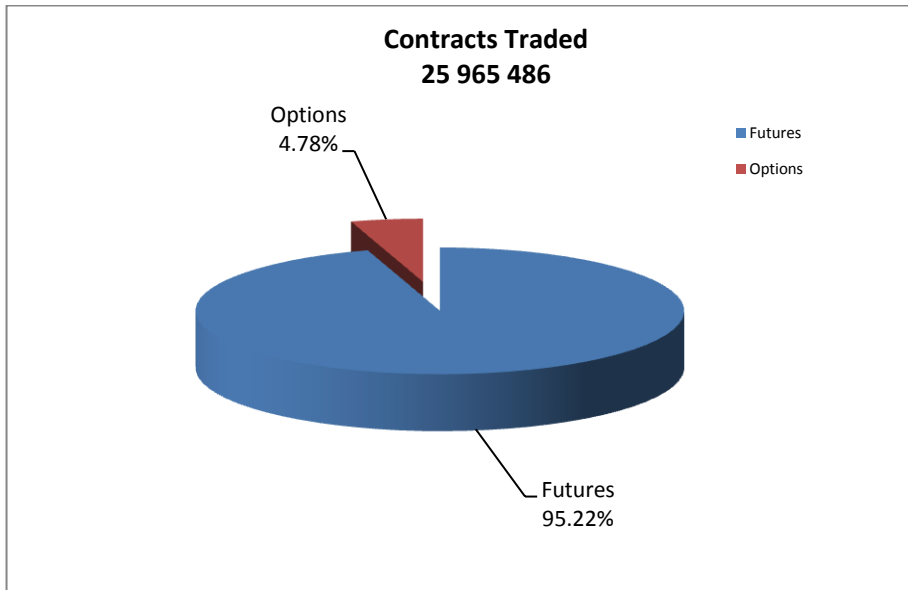
3.4 ALSI Mar 2014 Option Expiry - Open Interest as at 20 Mar 2014



3.4.1 ALSI Mar 2014 Option Expiry - Open Interest as at 31 Mar 2014

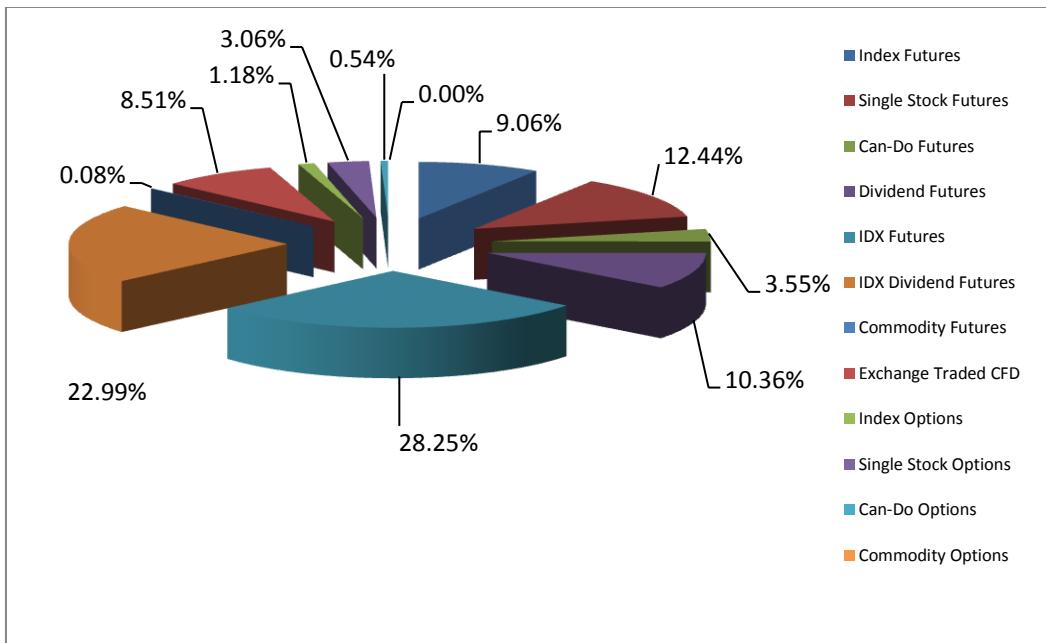


3.5 Percentage of Total Number of Contracts Traded for Mar 2014 for Futures and Options

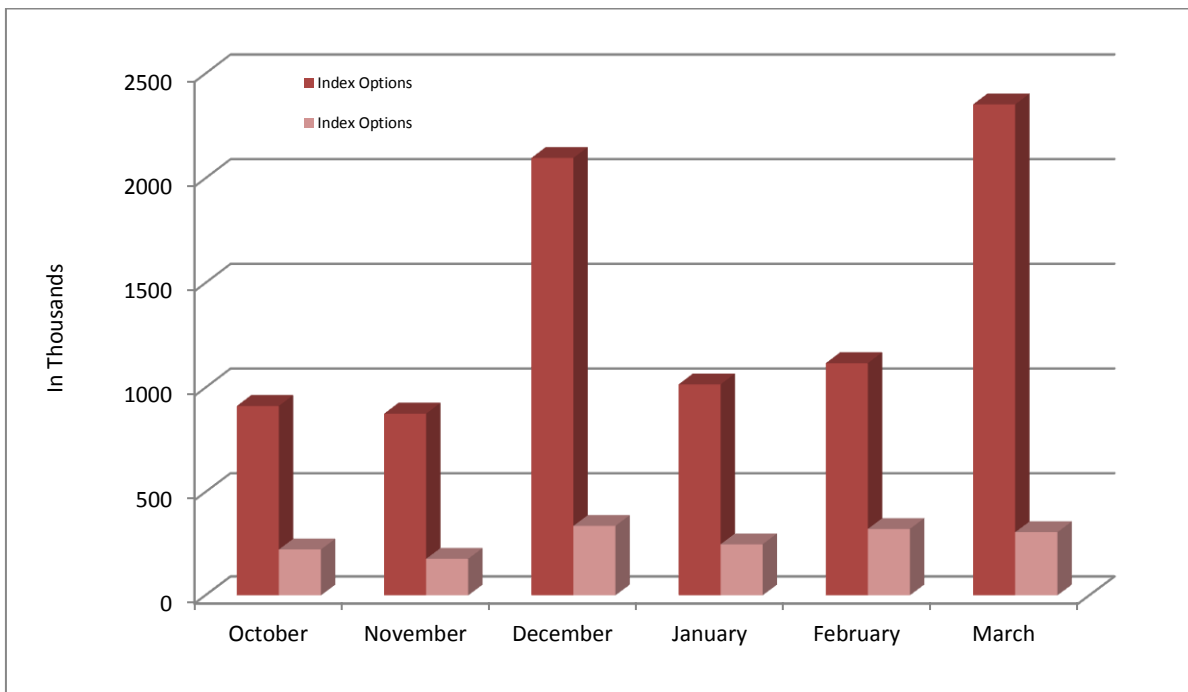




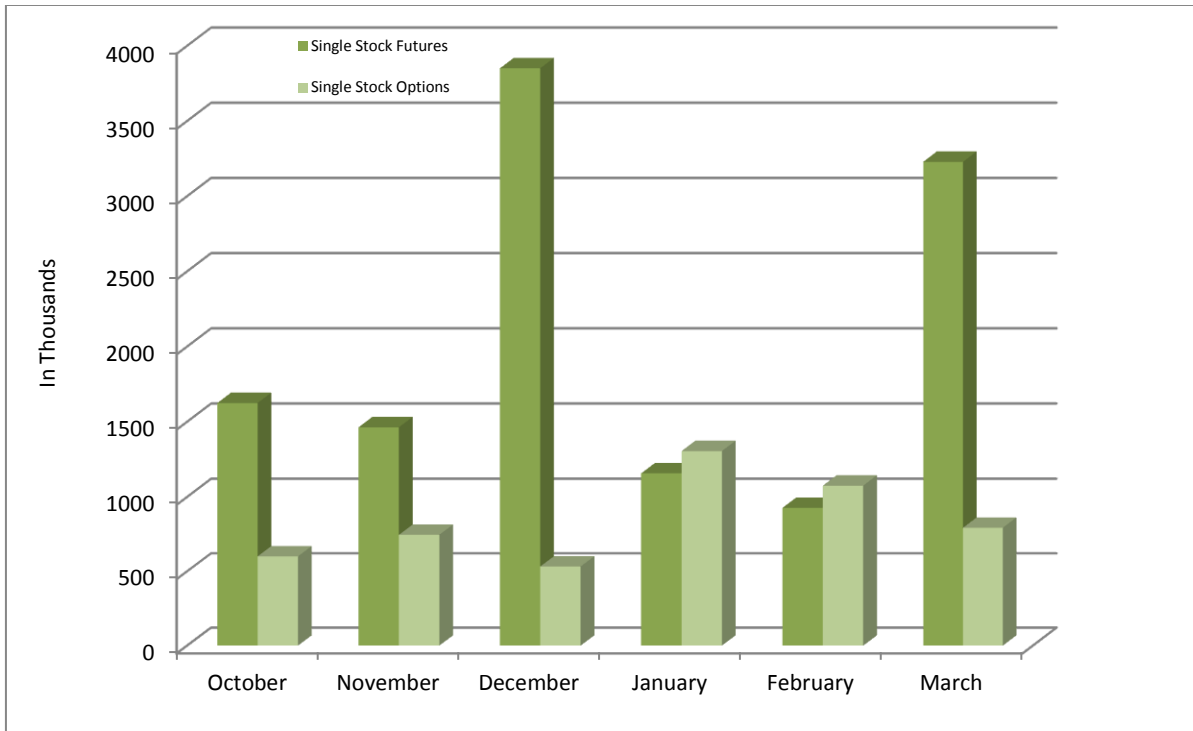
3.6 Number of Contracts Traded for Mar 2014 across all Futures and Options Instruments



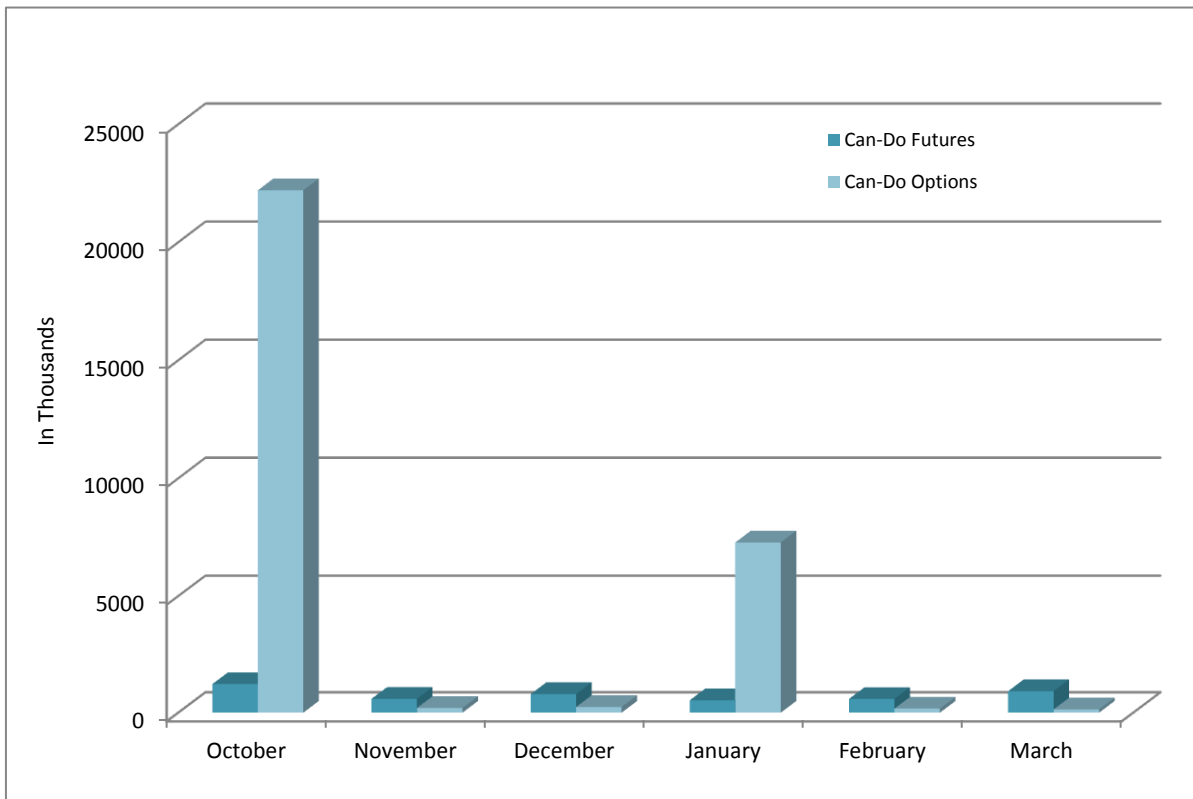
3.7 Number of Index Futures and Options Contracts Traded for the period Oct 2013 to Mar 2014



3.8. Number of Single Stock Futures and Options Contracts Traded for the period Oct 2013 to Mar 2014



3.9. Number of Can-Do Futures and Options Contracts Traded Oct 2013 to Mar 2014



#### 4. TRADED VALUE

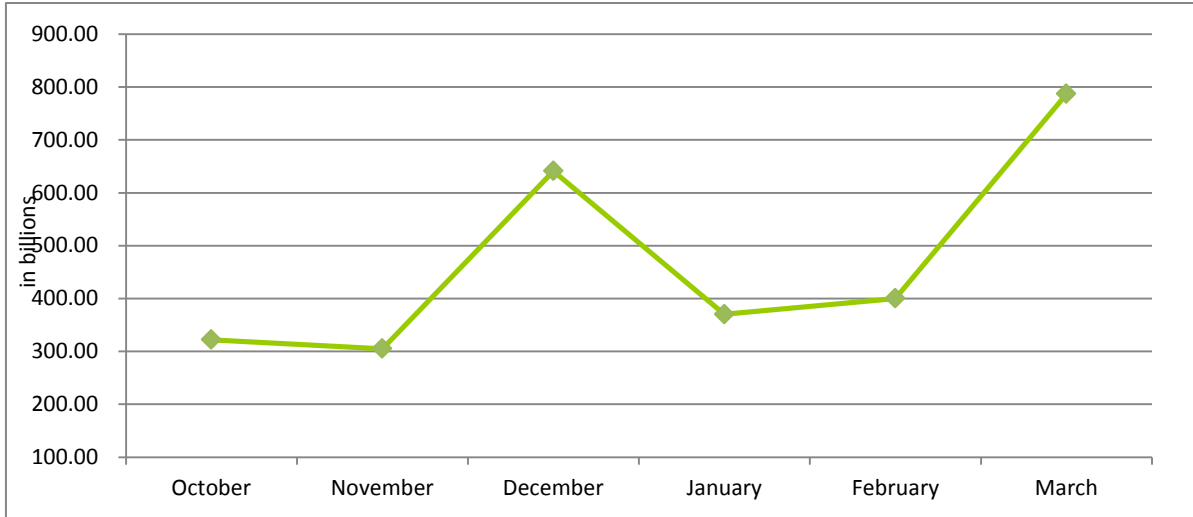
##### 4.1. Traded Value for Futures and Premium Traded for Options for the period Oct 2013 to Mar 2014

	October	November	December	January	February	March
<b>Index Futures</b>	297 736 189 444	286 171 983 681	600 812 367 061	339 905 336 324	377 085 066 689	740 098 297 955
<b>Single Stock Futures</b>	10 770 005 093	10 623 632 150	26 934 854 066	20 964 967 736	8 643 926 428	25 866 090 505
<b>Can-Do Futures</b>	9 368 585 746	5 231 917 061	7 130 880 892	4 590 547 611	8 431 084 858	13 525 507 144
<b>Dividend Futures</b>	46 711 213	1 496 637	12 482 369	629 756	1 619 429	997 291
<b>IDX Futures</b>	1 351 132 827	804 515 001	3 308 870 369	1 551 880 711	1 046 708 037	3 852 080 381
<b>IDX Dividend Futures</b>	63 611	43 296	10 950	0	2 367	8 429
<b>Metal Futures</b>	0	0	0	0	0	0
<b>Commodity Futures</b>	1 176 189 657	891 254 949	961 542 671	1 077 599 298	1 993 347 244	1 148 164 838
<b>Exchange Traded CFD</b>	1 060 282	13 629 229	19 325 960	16 211 467	5 467 846	139 986 948
<b>TOTAL FUTURES</b>	<b>320 449 937 874</b>	<b>303 738 472 003</b>	<b>639 180 334 337</b>	<b>368 107 172 905</b>	<b>397 207 222 897</b>	<b>784 631 133 490</b>
<b>Index Options</b>	1 354 607 646	1 210 482 507	1 723 228 742	1 705 319 648	2 457 326 455	2 076 331 150
<b>Single Stock Options</b>	166 632 713	220 748 768	147 596 176	317 592 057	429 877 142	233 352 305
<b>Can-Do Options</b>	149 116 977	65 102 523	110 929 688	161 948 784	42 283 653	147 484 276
<b>Commodity Options</b>	61 304	-	-	-	-	-
<b>TOTAL OPTIONS</b>	<b>1 670 418 640</b>	<b>1 496 333 799</b>	<b>1 981 754 605</b>	<b>2 184 860 488</b>	<b>2 929 487 250</b>	<b>2 457 167 731</b>
<b>TOTAL</b>	<b>322 120 356 514</b>	<b>305 234 805 802</b>	<b>641 162 088 942</b>	<b>370 292 033 393</b>	<b>400 136 710 147</b>	<b>787 088 301 221</b>

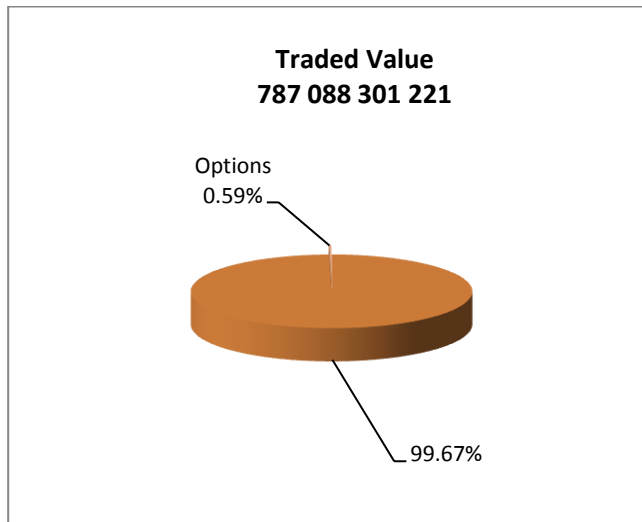
##### 4.2. Gross Traded Value for Options for the period Oct 2013 to Mar 2014

	October	November	December	January	February	March
<b>Index Options</b>	59 991 172 100	50 660 638 400	79 264 658 900	118 587 821 000	90 894 359 900	93 640 598 000
<b>Single Stock Options</b>	5 705 676 834	9 371 680 707	5 352 364 501	7 580 194 429	11 997 313 473	7 427 490 772
<b>Can-Do Options</b>	6 070 562 623	2 151 374 164	4 490 998 768	76 466 607	2 616 130 656	6 745 885 934
<b>Commodity Options</b>	3 798 000	-	-	890 000	-	-
<b>TOTAL OPTIONS</b>	<b>71 771 209 557</b>	<b>62 183 693 271</b>	<b>89 108 022 169</b>	<b>126 245 372 036</b>	<b>105 507 804 029</b>	<b>107 813 974 706</b>

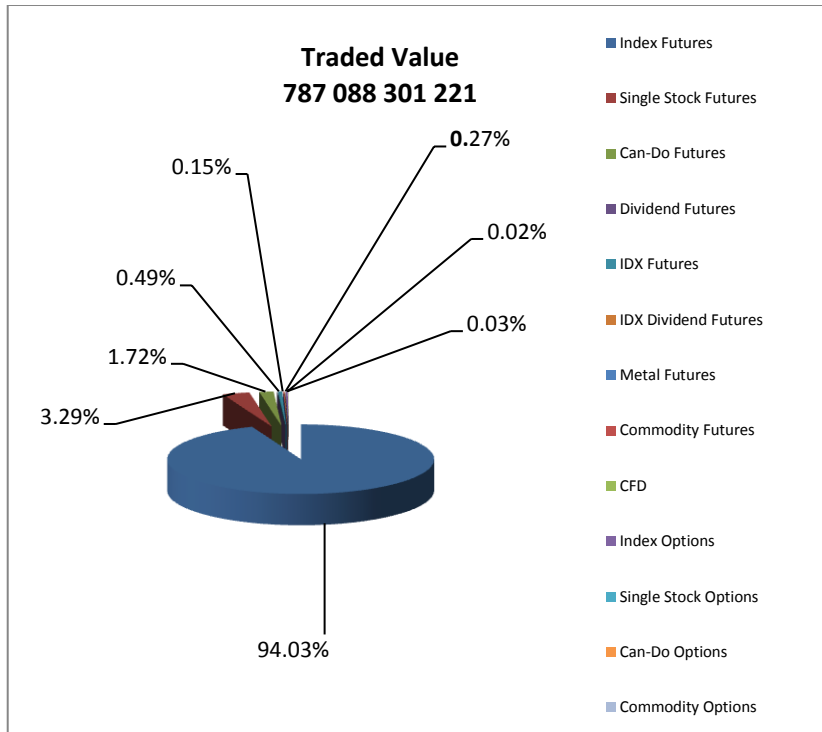
4.3. Graph of combined Traded Value for Futures and Premium Traded for Options for the period Oct 2013 to Mar 2014



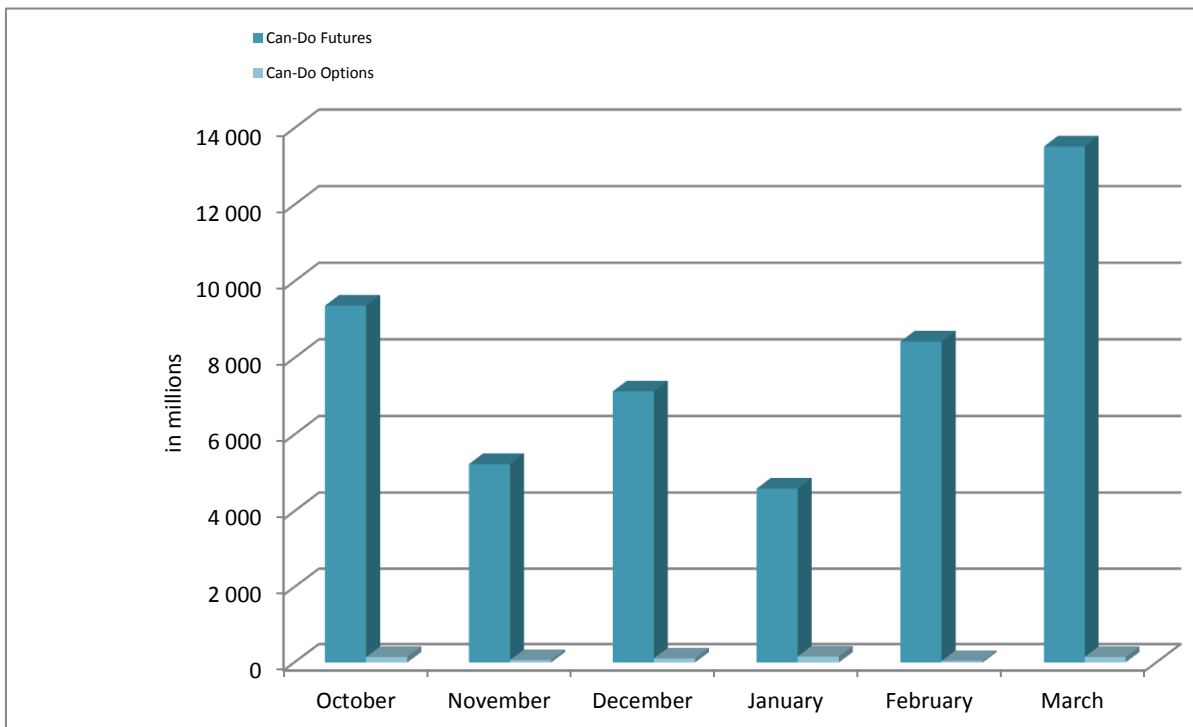
4.4. Percentage of Total Traded Value for Futures and Premium Traded for Options for Mar2014



4.5. Percentage of Total Traded Value for Futures and Premium Traded for Options for Mar 2014 across all Futures and Options Instruments

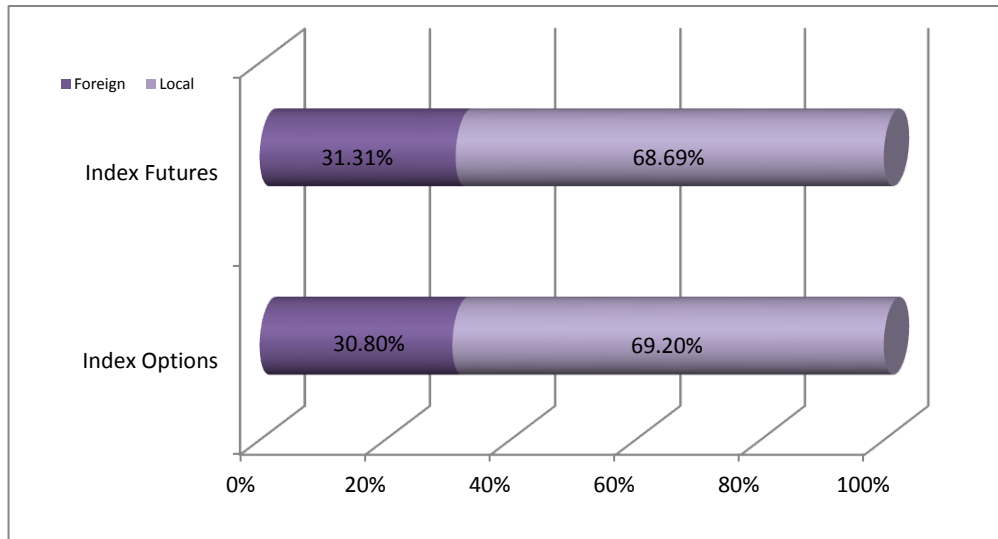


4.6. Can-Do Futures and Options Value Traded for the period Oct 2013 to Mar 2014

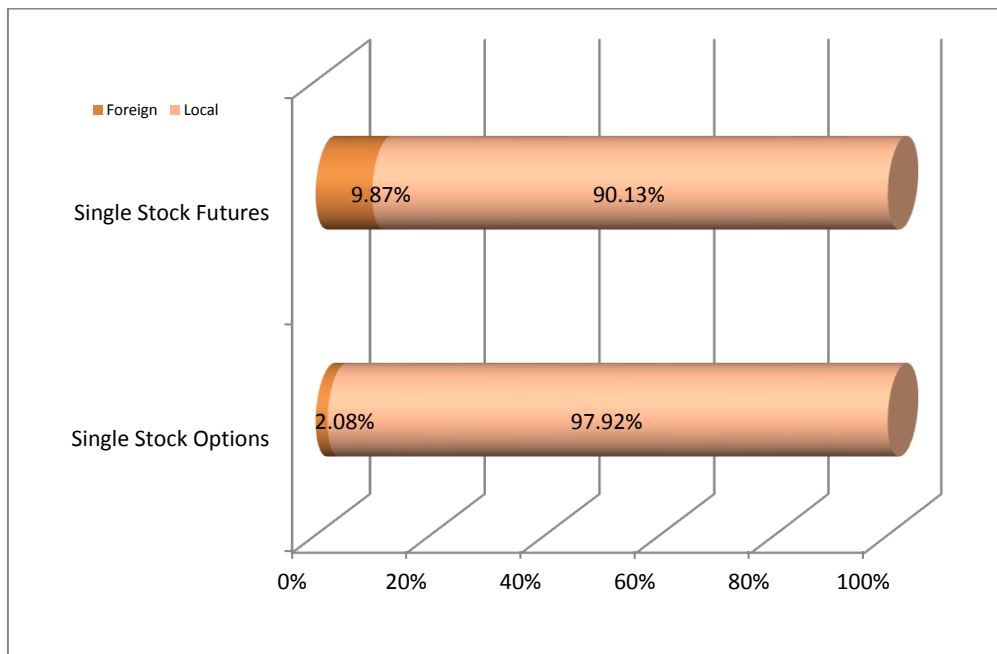


## 5. COMPARISON OF FOREIGN VERSUS LOCAL TRADES

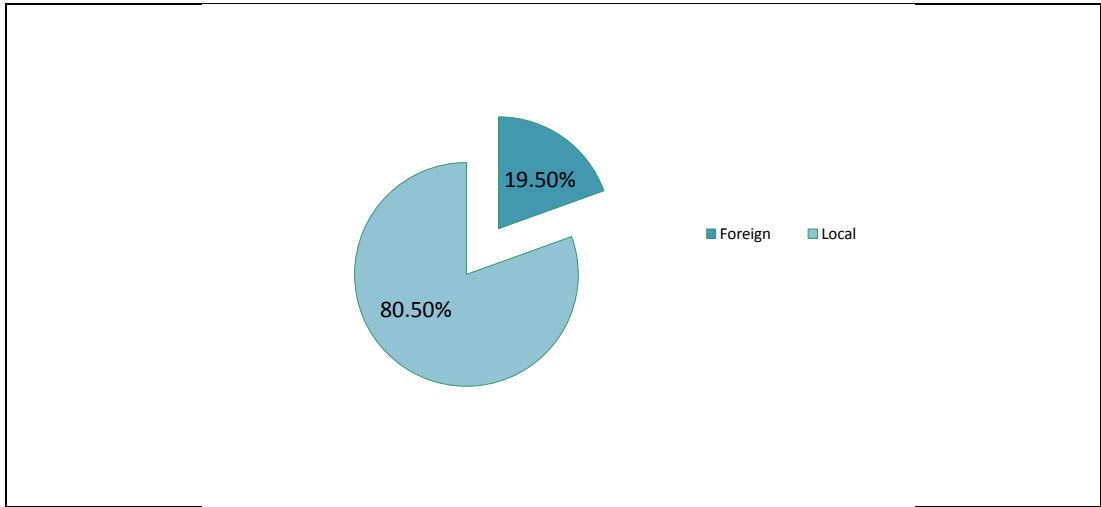
### 5.1. Number of Contracts Traded for Mar 2014 on Index Futures and Options



### 5.2. Number of Contracts Traded for Mar 2014 on Single Stock Futures and Options

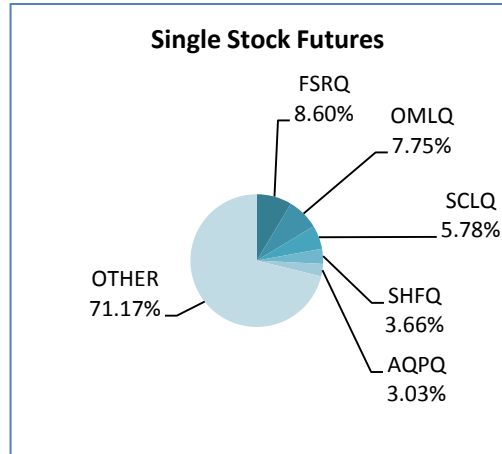
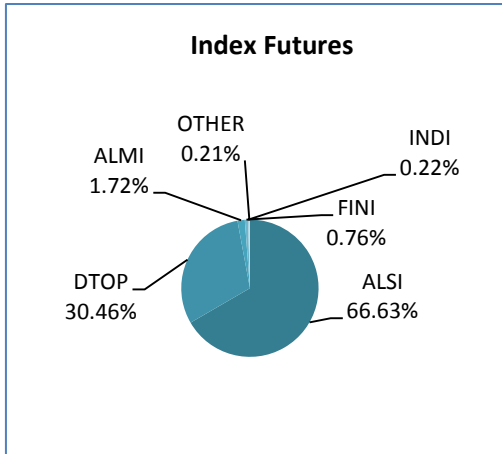


5.3. Foreign and Local Open Interest for Mar 2014

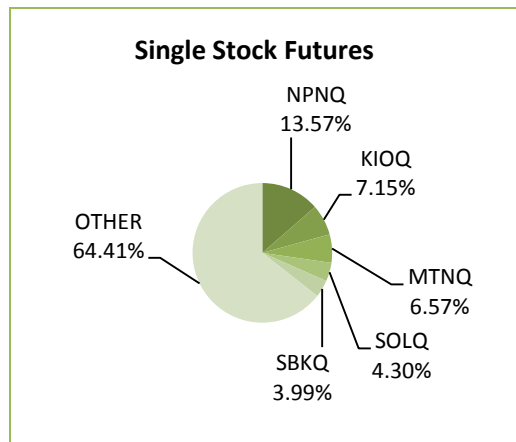
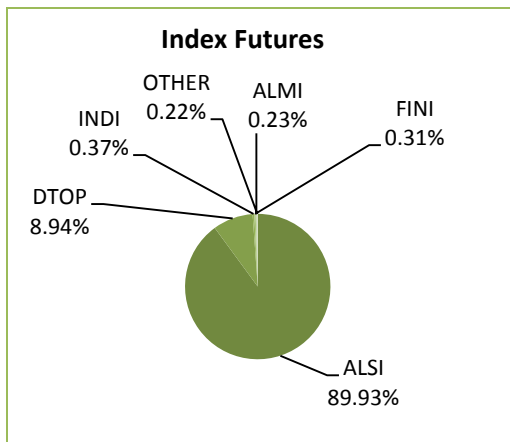


## 6. FUTURES

### 6.1 Top 5 Index and Single Stock Futures by Number of Contracts Traded



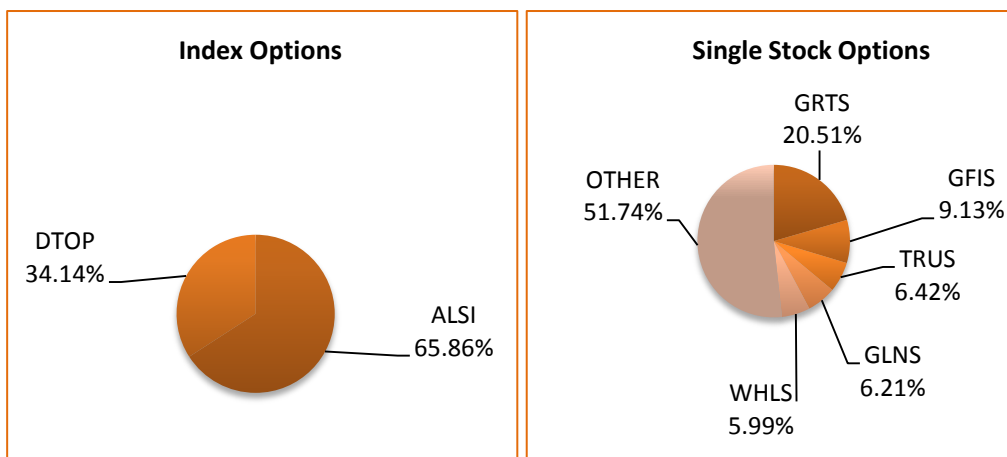
### 6.2 Top 5 Index and Single Stock Futures by Traded Value



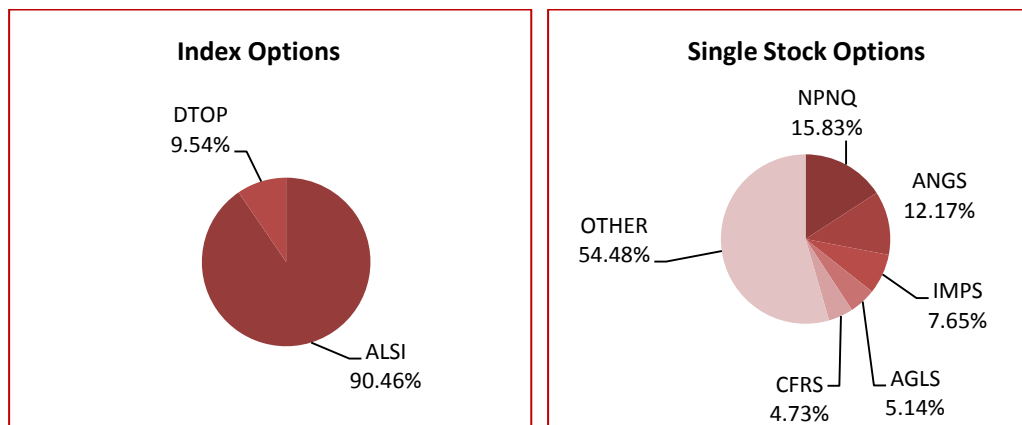


## 7. OPTIONS

### 7.1. Top 5 Index and Single Stock Options by Number of Contracts Traded



### 7.2. Top 5 Index and Single Stock Options by Traded Value



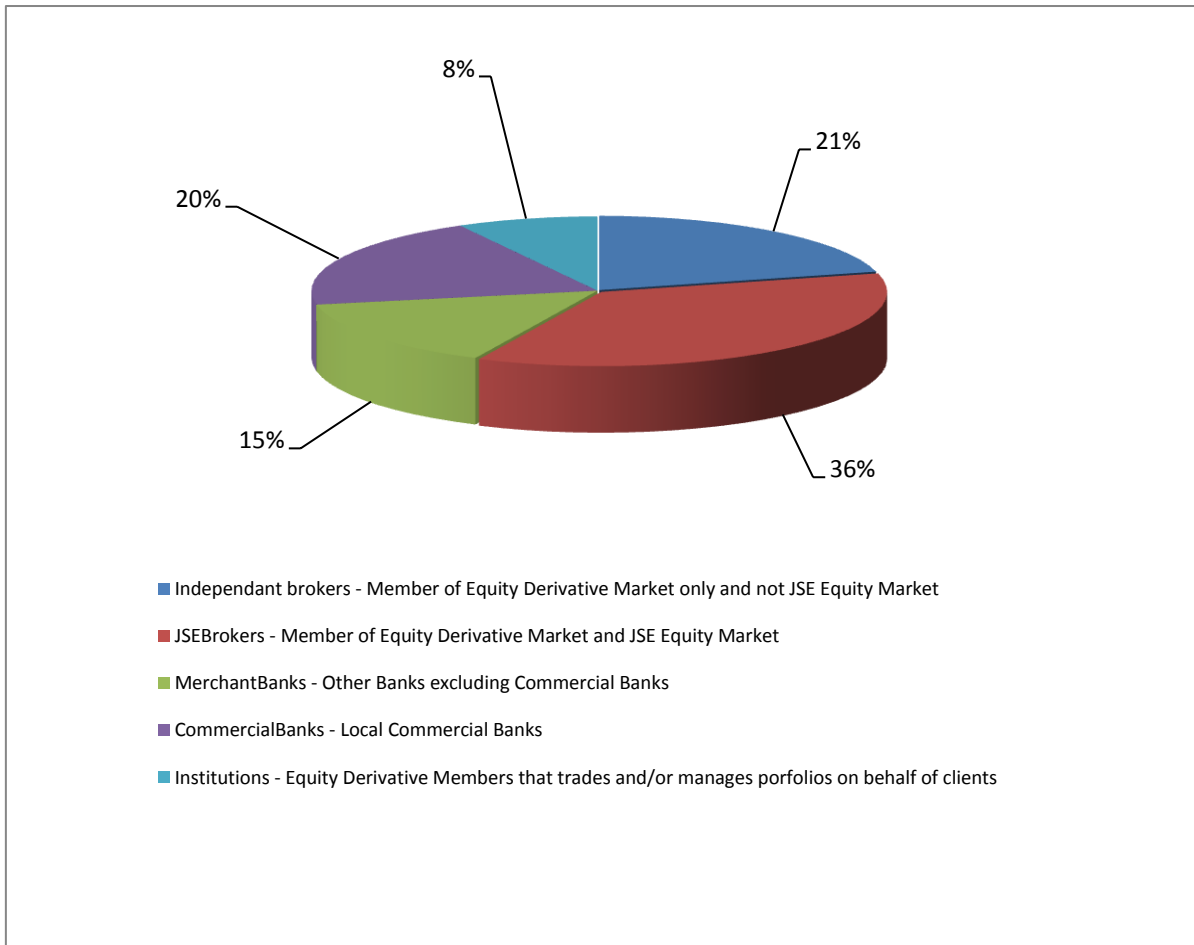
## 8. MILESTONES ACHIEVED

### 8.1 Milestones achieved across all Equity Derivative Instruments

	Contracts	Month	Value	Month
<b>Index Futures</b>	2 909 127	Mar'08	702 925 703 555	Jun'08
<b>Single Stock Futures</b>	121 341 791	Sep '08	60 180 087 535	Sep '08
<b>Can-do Futures</b>	5 346 977	Jan '10	13 502 430 244	Mar'13
<b>Dividend Futures</b>	4 394 596	Jun '11	295 810 186	Nov'10
<b>Metal Futures</b>	15 437	Dec '06	72 508 214	Dec '06
<b>Index Options</b>	1 973 445	Mar '09	26 381 656 762	Jan '08
<b>Single Stock Options</b>	3 178 928	Jan '08	1 259 465 220	Aug '08
<b>Can-do Options</b>	7 281 195	Jan'14	683 009 682	Jul ' 08
<b>IDX Futures</b>	10 094 491	Dec'13	3 308 870 369	Dec'13
<b>Commodity Futures</b>	23 315	Oct' 13	1 176 189 657	Oct' 13
<b>Commodity Options</b>	957	Oct' 12	2 314 143	Jan'12
<b>Exchange Traded CFD</b>	2 209 342	Mar'14	139 986 948	Mar'14

## 9. MARKET SHARE

### 9.1 Futures and Options Market Share



Commercial Banks	
ABL	ABSA Bank Ltd
NED	Nedbank Ltd
STD	Standard Bank of South Africa Ltd
Independent Brokers	
AAM	AAM Bk
ARF	Anglorand Futop (Pty) Ltd
ONE	Applied Derivatives (Pty) Ltd
BAD	Bsec Derivative Brokers (Pty) Ltd
BEX	Constant Capital Derivatives (Pty) Ltd
BGC	BGC SA Financial Brokers (Pty) Ltd
BIZ	Biz Afrika 124 (Pty) Ltd
BAB	Bolus & Bolus Investments (Pty) Ltd
BUZ	Buzz Trading Seventy One (Pty) Ltd
BVG	BVG Commodities (Pty) Ltd
CAD	BNP Paribas Cadiz Securities (Pty) Ltd
CBL	Cadiz Special Projects Ltd
CAN	Cantor Fitzgerald (South Africa) (Pty) Ltd
CAI	Caylon Incorporated in France
CGM	Citigroup Global Markets (Pty) Ltd
CJS	CJS Securities (Pty) Ltd
CTH	Commodity House (Pty) Ltd
CCB	Courtney Capital Management (Pty) Ltd
CRS	SBG Securities (Pty) Ltd
DWT	DWT Securities (Pty) Ltd
DWD	Dynamic Wealth Derivatives (Pty) Ltd
PYA	Equisec Treasury Services (Pty) Ltd
EQI	Russellstone EDI (Pty) Ltd
IAP	FCB Harlow Butler (Pty) Ltd
FAR	F-Wise Capital (Pty) Ltd
CSG	First South Securities (Pty) Ltd
FWT	First World Trader (Pty) Ltd
FTR	Futureline (Pty) Ltd
GFB	GFI Brokers SA (Pty) Ltd
SFS	HSBC Securities S.A. (Pty) Ltd
MFS	Macquarie First South Securities (Pty) Ltd
MKT	Market Traders (Pty) Ltd
MAC	Mergence Africa Capital (Pty) Ltd
RAM	Momentum Asset Management (Pty) Ltd
NIB	Nedcor Investment Investments 103 Ltd
BOE	Nedcor Wealth Management Ltd
NTN	Norton Derivatives (Pty) Ltd
OAK	Oakleaf Capital (Pty) Ltd
OPT	Optimize Financial Services (Pty) Ltd
TEX	Origen SA Ltd
MER	Peregrine Derivatives (Pty) Ltd
PQT	Vunani Fund Managers (Pty) Ltd
PXS	Plexus Capital & Securities (Pty) Ltd

PRS	Prescient Securities (Pty) Ltd
<b>Independent Brokers</b>	
FOF	FFO Securities (Pty) Ltd
REG	Regiments Securities Ltd
RSI	Russellstone International (Pty) Ltd
ROB	Roberts & Co. Financial Services (Pty) Ltd
RMD	Robinson Mulder De Waal Financial Services (Pty) Ltd
SGN	Signal Futures (Pty) Ltd
TFS	Thirty Four South Research & Trading (Pty) Ltd
TMR	Trademar Futures (Pty) Ltd
IAP	ICAP Securities South Africa (Pty) Ltd
LWA	Tri-Linear Specialised Funds (Pty) Ltd
IMB	TTSA Securities (Pty) Ltd
UMB	Umbono Securities (Pty) Ltd
VCM	Vantage Capital Markets S.A. (Pty) Ltd
VOR	Vorlon (Pty) Ltd
WWC	WWC Securities (Pty) Ltd
<b>Institutions</b>	
SMA	BOE Investments Ltd.
COR	Coronation Asset Management (Pty) Ltd
ESK	Eskom
EPF	Eskom Pension & Provident Fund
FAM	Foord Asset Management (Pty) Ltd
IGF	Investec Asset Management (Pty) Ltd
MTP	Metropolitan Asset Managers Ltd
SAM	Old Mutual Life Assurance Company (SA) Ltd
RAA	Pan-African Asset Management (Pty) Ltd
CPT	PSG Prime (Pty) Ltd
RAM	Momentum Asset Management (Pty) Ltd
GSA	Sanlam Investment Management (Pty) Ltd
LAM	STANLIB Asset Management Ltd
TRN	Transnet
<b>Merchant Banks</b>	
AMB	African Merchant Bank Ltd
IBL	Investec Bank Ltd
RMB	Rand Merchant Bank, a Division of Firststrand Bank
GSB	Sanlam Capital Markets (Pty) Ltd
SOC	Societe Generale South Africa Ltd
<b>JSE Brokers</b>	
TEE	28E Capital (Pty) Ltd
JFE	ABSA Stockbrokers (Pty) Ltd
AFF	Afrifocus Securities (Pty) Ltd
GMS	Avior Research (Pty) Ltd
BJM	Rencap Securities (Pty) Ltd
SFS	HSBC SECURITIES (S.A.) (PTY) LTD
BAR	FNB Securities (Pty) Ltd
<b>JSE Brokers</b>	
BPS	Nedgroup Private Wealth Stockbrokers (Pty) Ltd
DED	Deutsche Securities (Pty) Ltd

GLD	Golding, Torr & De Decker (Pty) Ltd
SPR	Imara SP Reid (Pty) Ltd
ICL	Interneuron Capital Ltd
ISL	Investec Securities (Pty) Ltd
AMI	J.P. Morgan Equities South Africa (Pty) Ltd
JPM	JP Morgan Securities (Pty) Ltd
KSL	Vunani Private Clients Stockbroking Ltd
DWI	Merrill Lynch South Africa (Pty) Ltd
MSA	Macquarie Securities SA (Pty) Ltd
NIA	Nedcor Investment 102 Ltd
NVG	Navigare Securities Pty Ltd
BSL	Nedgroup Securities (Pty) Ltd
NOA	Noah Capital Markets (Pty) Ltd
PON	Online Securities Ltd
PER	Peregrine Equities (Pty) Ltd
RRT	Rice Rinaldi Securities (Pty) Ltd
RMS	RMB Morgan Stanley (Pty) Ltd
RST	RMB Securities (Pty) Ltd
SSS	S.A. Derivatives (Pty) Ltd
SPI	Sanlam Private Investments Ltd
GSC	Sanlam Securities (Pty) Ltd
STE	SBG Securities (Pty) Ltd
CSJ	SBG Securities (Pty) Ltd
SSL	Syfrets Securities Ltd
NIS	Taquanta Securities (Pty) Ltd
TRA	TFS Securities (Pty) Ltd
TBE	Thebe Securities Ltd
TSE	Tlotlisa Securities (Pty) Ltd
UBW	UBS South Africa (Pty) Ltd
VCS	Vector Securities & Derivatives (Pty) Ltd
AHS	Vunani Securities (Pty) Ltd
WMS	Watermark Securities (Pty) Ltd
GMS	Groombridge Securities (Pty) Ltd

#### **JSE Limited**

Derivatives Trading Division  
One Exchange Square  
Gwen Lane, Sandown  
South Africa  
Tel: +27 11 520 7000  
[www.safex.co.za](http://www.safex.co.za)

#### **Derivatives Trading**

[derivativestrading@jse.co.za](mailto:derivativestrading@jse.co.za)  
Tel: +27 11 520 7122

#### **Enquiries:**

Bianca Vaaltyn  
Tel: +27 11 520 7377  
Email: [biancav@jse.co.za](mailto:biancav@jse.co.za)

**Disclaimer:** The data provided in this document ("the Data") is for information purposes only and for no other purpose. The JSE does not guarantee or warrant the availability, the sequence, accuracy, or completeness or any other aspect of the Data (or part thereof) nor shall the JSE or any of its directors, officers, employees or agents be liable in any way to the reader or to any other person (natural or juristic) ("Person") whatsoever for any delays, inaccuracies, errors in, or omission in respect of such Data or the transmission thereof, or for any actions taken in reliance thereon or for any damages arising from the unavailability or termination of the display of the Data (or any part thereof) at any time without notice or any other liability of whatsoever nature to any Person.