

# DERIVATIVES – EQUITY AND INDEX OPTIONS

## ASX Options Statistics and Analysis

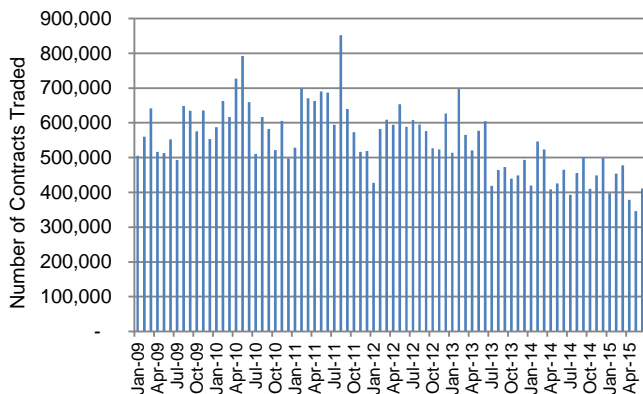
June 2015



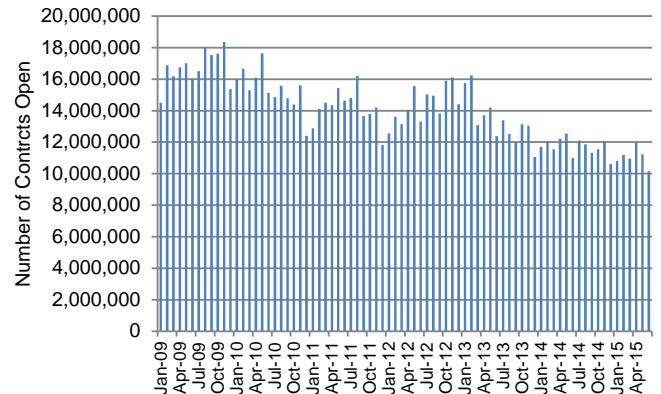
**ASX**  
AUSTRALIAN SECURITIES EXCHANGE

### Average Daily Volume and Open Interest

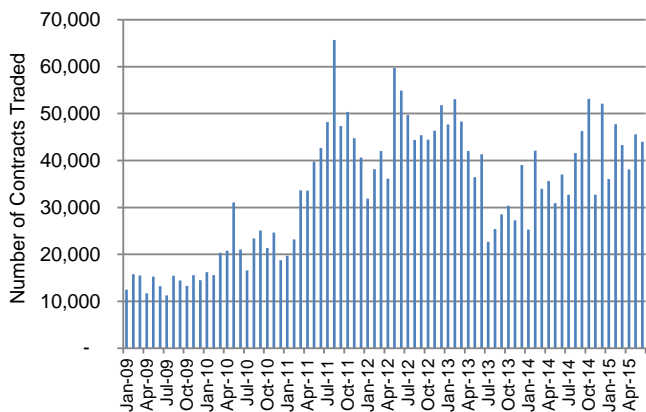
**Single Stock Options ADV (adj)**



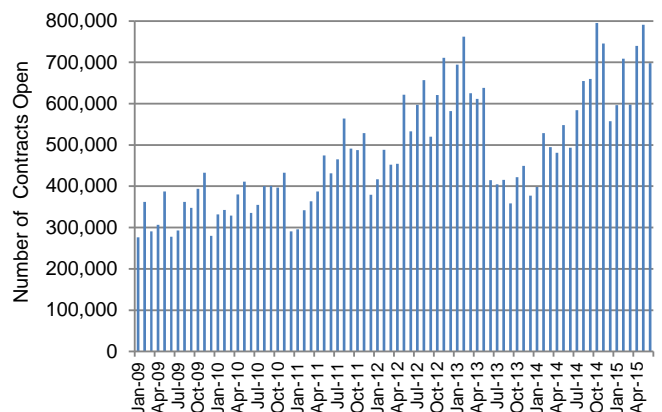
**Single Stock Options OI (adj)**



**XJO Options ADV**



**XJO Options OI**



NOTE: For comparison purposes, Single Stock ETO volumes and Open Interest (OI) were retrospectively adjusted due to the 1,000 to 100 contract size conversion. Single Stock ETO volumes and Open Interest pre-May 2011 were adjusted by a factor of 10.

# DERIVATIVES – EQUITY AND INDEX OPTIONS

June 2015

## Top Classes by Volume

RANK	Jun-15	VOLUME	% MKT	OPEN INTEREST	VOL/OP	SHARE VOLUME	DLR*	PUT/ CALL	Net Calls**	Net Puts**
1	TLS	1,311,824	13.7%	1,809,294	72.5%	504,082,000	26.0%	115.1%	10,703	30,383
2	XJO	924,927	9.7%	698,166	132.5%	n/a	n/a	132.6%	-8,124	-5,523
3	CBA	783,634	8.2%	450,935	173.8%	67,927,000	115.4%	83.0%	2,483	16,425
4	BHP	554,332	5.8%	653,945	84.8%	160,498,000	n/a	93.3%	-15,840	-10,788
5	FMG	465,722	4.9%	654,430	71.2%	284,996,000	16.3%	110.6%	-24,318	-20,246
6	WBC	371,421	3.9%	360,430	103.0%	157,727,000	23.5%	63.5%	6,472	17,346
7	ANZ	318,550	3.3%	342,087	93.1%	124,099,000	25.7%	93.8%	-272	24,786
8	NAB	316,675	3.3%	371,359	85.3%	132,425,000	23.9%	52.1%	549	-5,731
9	WOW	297,101	3.1%	314,890	94.4%	107,314,000	27.7%	99.2%	-6,753	-3,269
10	RIO	269,965	2.8%	215,863	125.1%	38,870,000	69.5%	118.2%	-8,032	-2,086
11	AMP	236,047	2.5%	331,427	71.2%	161,194,000	14.6%	92.3%	5,101	-7,880
12	FXJ	219,168	2.3%	180,706	121.3%	327,847,000	6.7%	432.4%	10,903	-47,495
13	STO	190,365	2.0%	272,224	69.9%	99,424,000	19.1%	101.0%	-8,309	-9,223
14	MQG	174,326	1.8%	115,273	151.2%	21,855,000	79.8%	71.6%	-3,445	-3,113
15	IPL	168,078	1.8%	126,211	133.2%	121,506,000	13.8%	3.6%	-3,639	-3,480
16	NCM	167,374	1.7%	223,240	75.0%	69,449,000	24.1%	93.5%	3,699	-5,542
17	WES	153,563	1.6%	176,820	86.8%	58,336,000	26.3%	151.9%	3,445	-3,975
18	QBE	131,575	1.4%	208,516	63.1%	77,761,000	16.9%	45.6%	-4,762	-2,741
19	SGP	129,253	1.4%	81,631	158.3%	221,526,000	5.8%	2.3%	-4,091	-1,566
20	WPL	125,744	1.3%	141,857	88.6%	50,733,000	24.8%	101.3%	86	434
21	S32	124,972	1.3%	103,895	120.3%	720,949,000	1.7%	11.9%	5,389	-5,508
22	CSL	123,290	1.3%	84,211	146.4%	27,571,000	44.7%	134.8%	-2,503	-2,707
23	TCL	122,552	1.3%	103,258	118.7%	107,316,000	11.4%	11.4%	-783	-5,970
24	FDC	113,357	1.2%	54,752	207.0%	409,499,000	2.8%	0.0%	0	#N/A
25	SYD	98,125	1.0%	79,898	122.8%	160,760,000	6.1%	23.5%	-872	-10,762
26	IAG	90,398	0.9%	120,856	74.8%	226,937,000	4.0%	77.1%	-11,261	-2,376
27	AWC	75,554	0.8%	132,537	57.0%	338,966,000	2.2%	230.0%	-6,706	-26,427
28	GMG	74,852	0.8%	37,426	200.0%	125,075,000	6.0%	0.0%	0	#N/A
29	QAN	74,675	0.8%	104,261	71.6%	227,331,000	3.3%	84.6%	-11,539	-8,848
30	ORG	74,157	0.8%	176,934	41.9%	74,600,000	9.9%	59.8%	-1,359	1,185
	Market^	9,565,437	100.0%	10,852,808	88.1%	8,771,003,000	10.9%	79.8%	-17,575	-19,557

\* Derivatives Liquidity Ratio (DLR) is options volume (in shares) / volume of underlying security

\*\* The net calls/puts are the number of options contracts bought minus the number of options contracts sold, excluding Market Makers

^ ETO classes only included

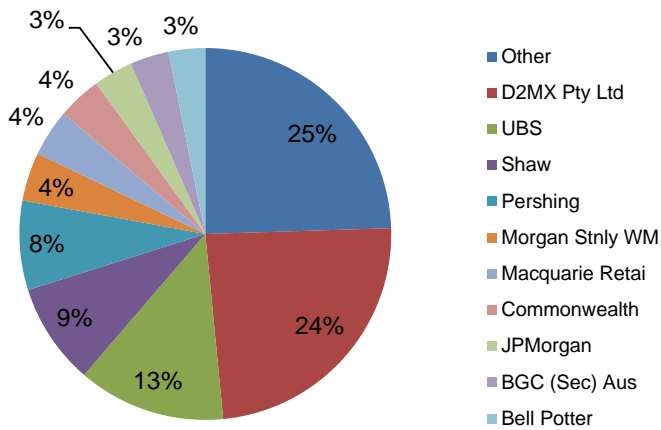
NOTE: Figures for the above charts are double-sided

# DERIVATIVES – EQUITY AND INDEX OPTIONS

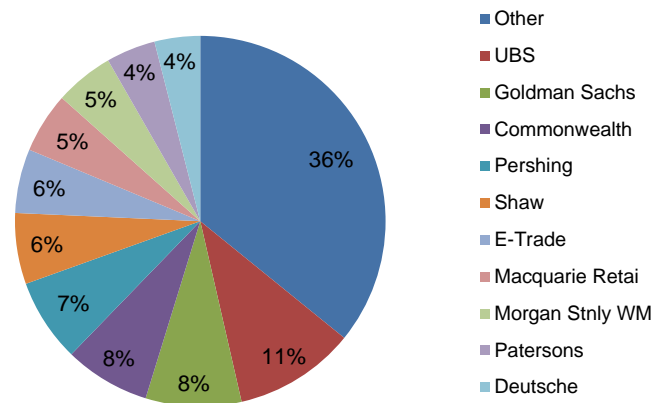
June 2015

## Market Share by Value and Volume Traded

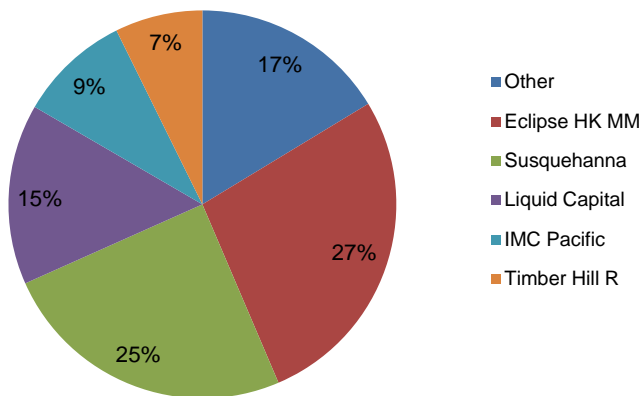
**Top 10 Brokers by Value**



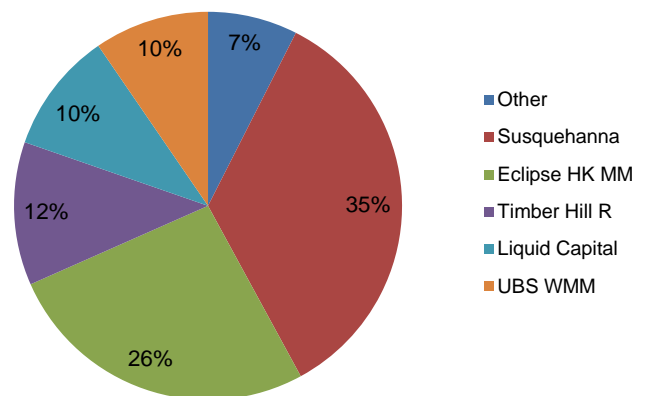
**Top 10 Brokers by Volume**



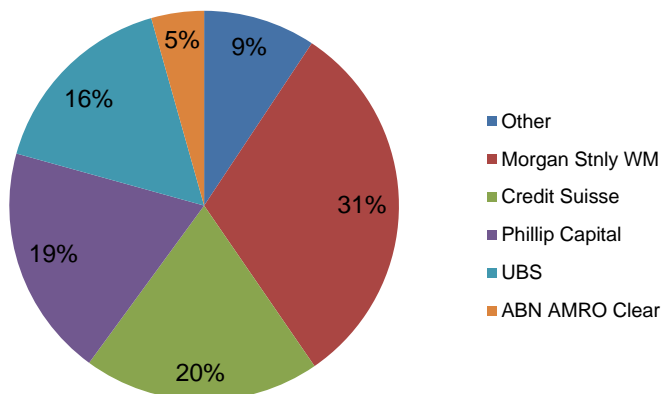
**Top 5 Market Makers by Value**



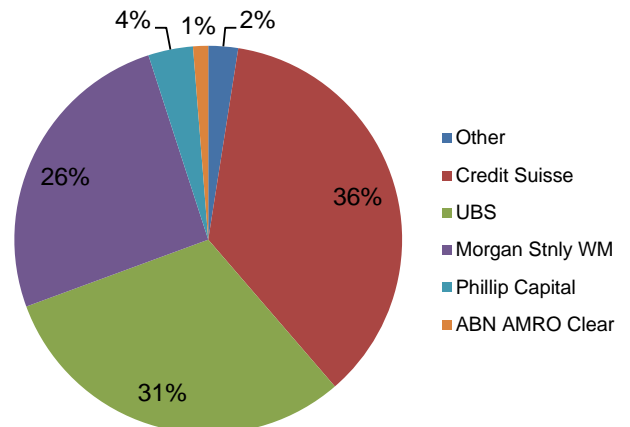
**Top 5 Market Makers by Volume**



**Top 5 LEPO Participants by Value**



**Top 5 LEPO Participants by Volume**

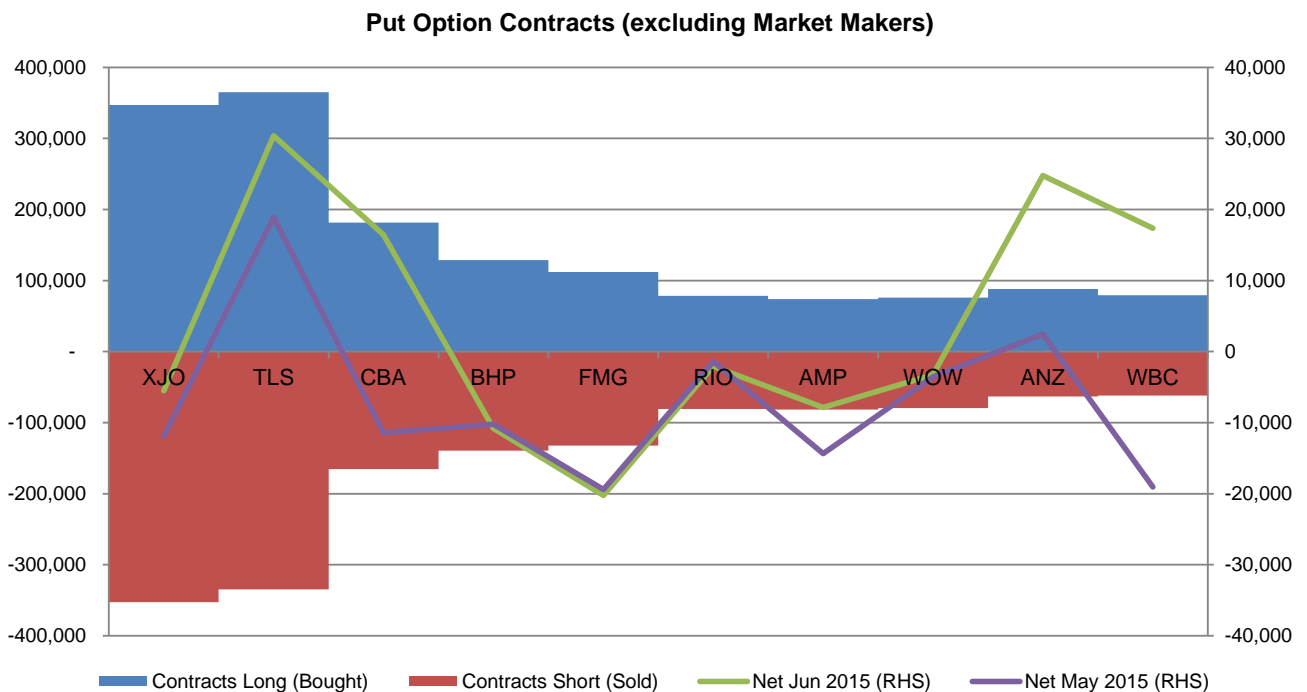
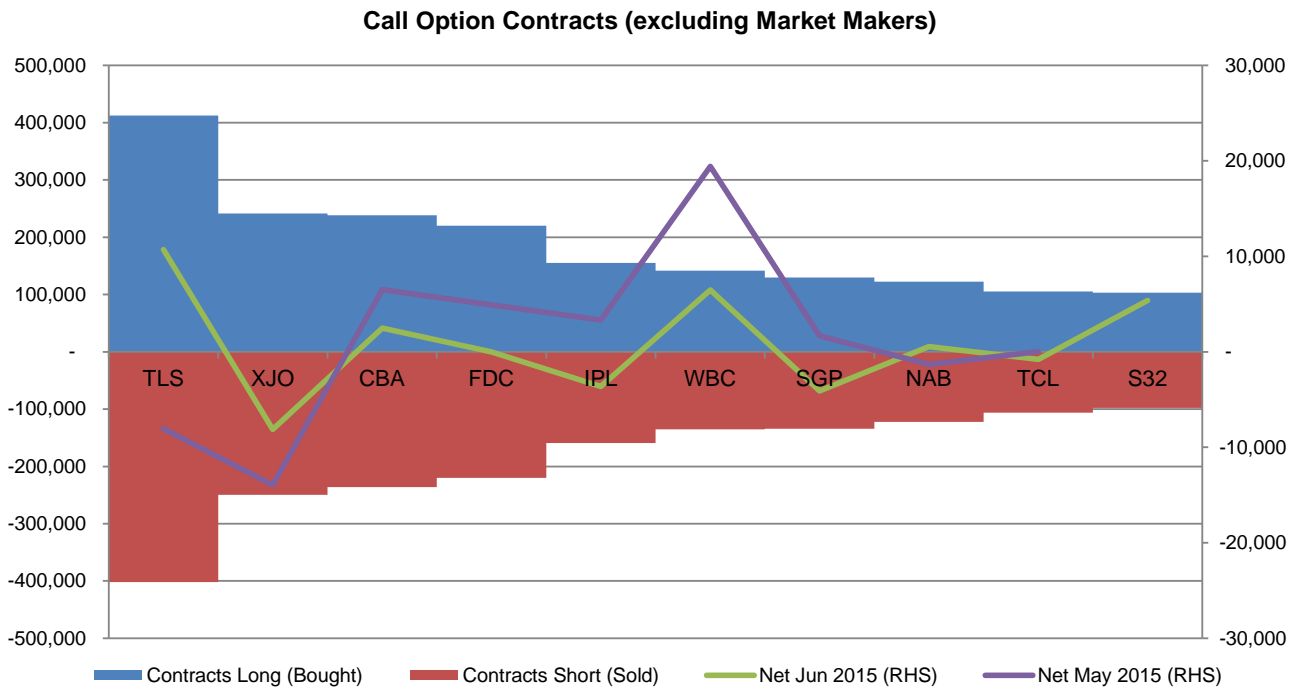


NOTE: The above charts include contracts traded in both Single Stock and Index options  
LEPOs are excluded from these charts

# DERIVATIVES – EQUITY AND INDEX OPTIONS

June 2015

## Top 10 Call and Put Options Contracts

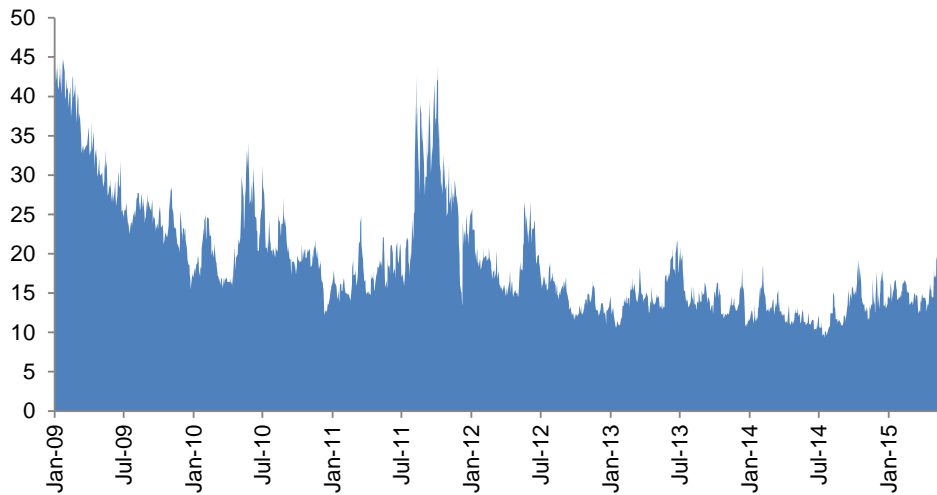


NOTE: The charts above show the number of contracts bought and sold by non-market-making participants in the top 10 underlying securities

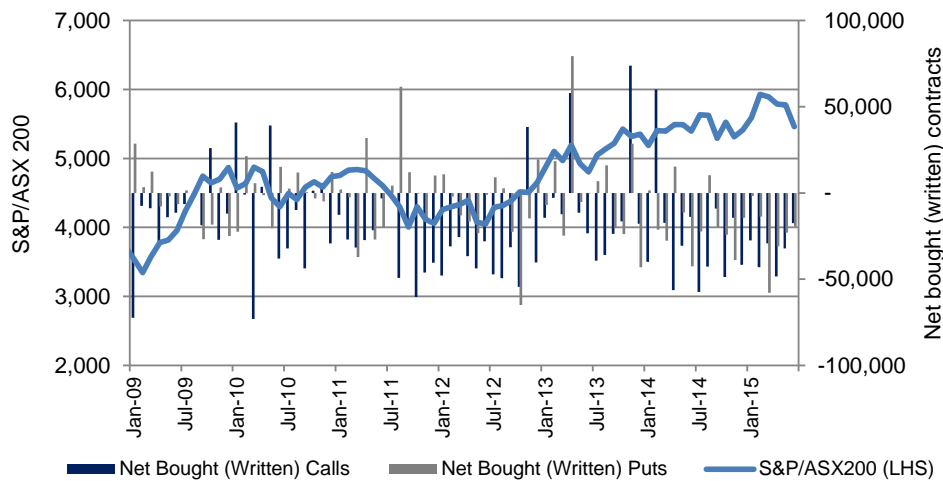
# DERIVATIVES – EQUITY AND INDEX OPTIONS

June 2015

### S&P/ASX 200 VIX



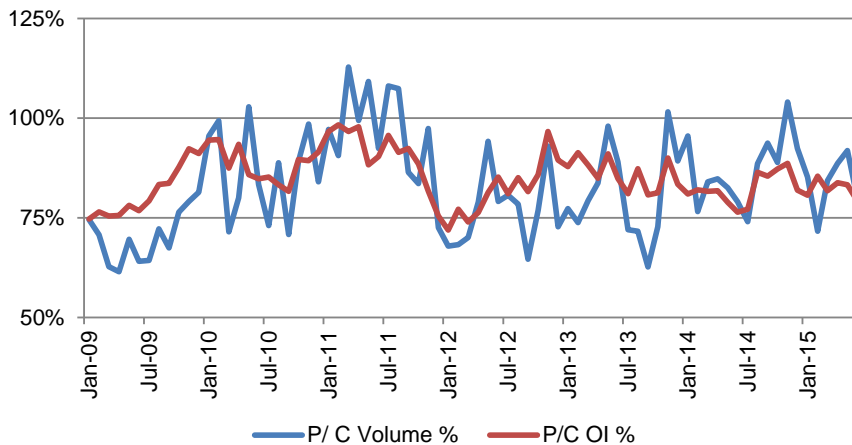
### Options Net Buy/Sell Volume (excluding market makers)



■ Net Bought (Written) Calls    ■ Net Bought (Written) Puts    — S&P/ASX200 (LHS)

NOTE: Single Stock options expressed in terms of 1,000 per contract in above chart.

### Put-Call Indicators



— P/C Volume %    — P/C OI %

# DERIVATIVES – EQUITY AND INDEX OPTIONS

June 2015

## Volume, Value and Open Interest

### Volume

PERIOD	CALL	PUT	TOTAL OPTIONS	EQUITY OPTIONS	EQUITY LEPO	ASX INDEX OPTION	INDEX LEPO
Jun-15	5,320,279	4,245,158	9,565,437	7,691,987	948,523	924,256	671
May-15	4,291,693	3,941,620	8,233,313	7,073,086	202,430	957,346	451
Variance	24.0%	7.7%	16.2%	8.8%	368.6%	-3.5%	48.8%
Jun-14	5,611,702	4,433,050	10,044,752	8,092,937	1,211,249	740,424	142
Variance	-5.2%	-4.2%	-4.8%	-5.0%	-21.7%	24.8%	372.5%
Cal Yr to date	30,776,004	25,528,701	56,304,705	47,711,297	3,319,557	5,272,020	1,831
Fin Yr to date	64,527,616	55,908,325	120,435,941	102,905,445	6,641,944	10,885,509	3,043

### Value (\$m)

PERIOD	CALL	PUT	TOTAL OPTIONS	EQUITY OPTIONS	EQUITY LEPO	INDEX OPTION	INDEX LEPO
Jun-15	1,644	762	2,406	854	906	608	37
May-15	1,131	784	1,914	725	528	636	26
Variance	45.4%	-2.7%	25.7%	17.9%	71.7%	-4.4%	44.3%
Jun-14	2,740	514	3,254	576	2,245	426	8
Variance	-40.0%	48.4%	-26.1%	48.4%	-59.6%	42.8%	382.0%
Cal Yr to date	10,809	3,791	14,601	5,439	5,455	3,603	104
Fin Yr to date	21,010	7,668	28,677	9,968	11,810	6,730	169

### Open Interest

PERIOD	CALL	PUT	OPTIONS	EQUITY OPTIONS	EQUITY LEPO	INDEX OPTION	INDEX LEPO
Jun-15	6,056,187	4,796,621	10,852,808	8,989,971	1,164,671	697,885	281
May-15	6,562,970	5,467,069	12,030,039	10,000,795	1,238,307	790,824	113
Variance	-7.7%	-12.3%	-9.8%	-10.1%	-5.9%	-11.8%	148.7%
Jun-14	6,518,657	4,980,399	11,499,056	9,856,051	1,149,608	493,325	72
Variance	-7.1%	-3.7%	-5.6%	-8.8%	1.3%	41.5%	290.3%
Cal Yr to date	6,056,187	4,796,621	10,852,808	8,989,971	1,164,671	697,885	281
Fin Yr to date	6,056,187	4,796,621	10,852,808	8,989,971	1,164,671	697,885	281

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### More information

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