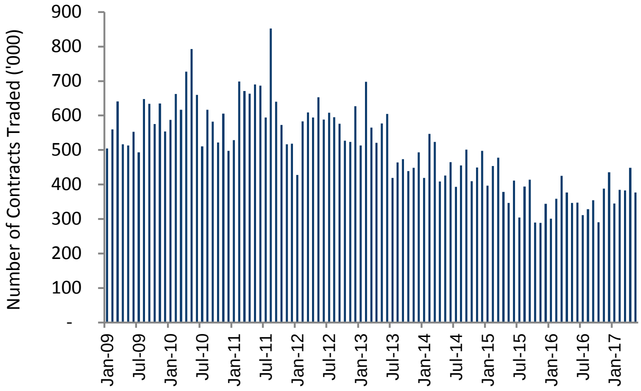
# DERIVATIVES – EQUITY AND INDEX OPTIONS

## ASX Options Statistics and Analysis

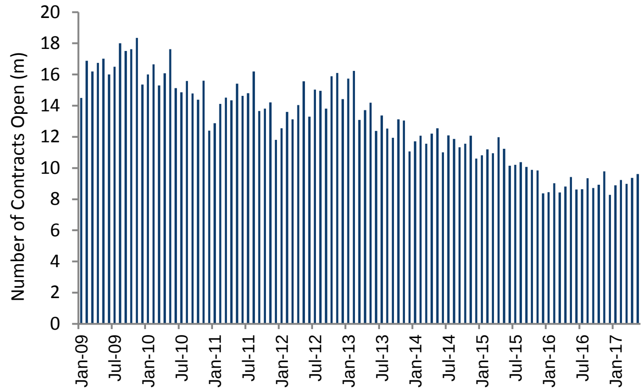
**May 2017**

## Average Daily Volume (ADV) and Open Interest (OI)

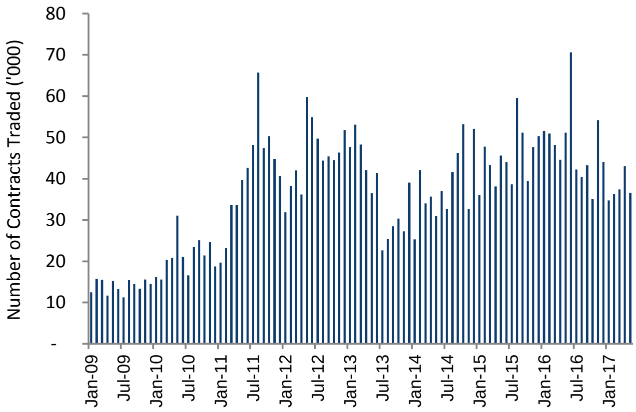
**Single Stock Options ADV (adj)**



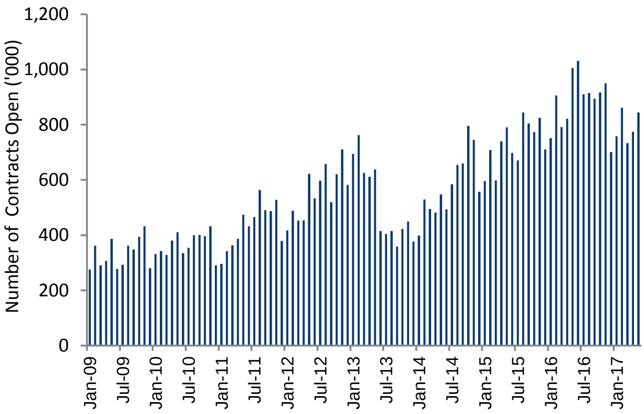

**Single Stock Options OI (adj)**




**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

## May 2017

### Top Classes by Volume

| RANK | May-17 | VOLUME | % MKT | OPEN INTEREST | VOL/OP | SHARE VOLUME | DLR* | PUT/ CALL | Net Calls** | Net Puts** |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | FMG | 1,239,009 | 13.0% | 659,526 | 187.9% | 518,482,000 | 23.9% | 167.2% | -48,016 | 97,901 |
| 2 | TLS | 1,186,577 | 12.5% | 1,536,485 | 77.2% | 780,591,000 | 15.2% | 58.0% | -166,939 | -2,212 |
| 3 | XJO | 841,525 | 8.9% | 846,145 | 99.5% | n/a | n/a | 150.2% | -1,407 | -13,071 |
| 4 | CBA | 596,586 | 6.3% | 278,967 | 213.9% | 79,230,000 | 75.3% | 129.0% | 17,824 | -15,001 |
| 5 | BHP | 568,000 | 6.0% | 620,328 | 91.6% | 177,756,000 | 32.0% | 97.0% | -16,542 | -10,799 |
| 6 | ANZ | 519,204 | 5.5% | 381,704 | 136.0% | 196,257,000 | 26.5% | 89.9% | 12,773 | -32,253 |
| 7 | RIO | 406,134 | 4.3% | 247,552 | 164.1% | 54,405,000 | 74.7% | 97.5% | -2,780 | -383 |
| 8 | NAB | 333,908 | 3.5% | 369,402 | 90.4% | 187,738,000 | 17.8% | 71.6% | -32 | -8,091 |
| 9 | WBC | 301,400 | 3.2% | 335,710 | 89.8% | 201,628,000 | 14.9% | 60.8% | 19,509 | -8,265 |
| 10 | MQG | 253,801 | 2.7% | 114,844 | 221.0% | 33,665,000 | 75.4% | 79.1% | -1,124 | -2,372 |
| 11 | NCM | 245,071 | 2.6% | 200,561 | 122.2% | 97,001,000 | 25.3% | 61.6% | 5,730 | -12,829 |
| 12 | BXB | 234,258 | 2.5% | 260,907 | 89.8% | 91,535,000 | 25.6% | 12.6% | -3,633 | 7,537 |
| 13 | STO | 216,823 | 2.3% | 382,705 | 56.7% | 249,059,000 | 8.7% | 135.3% | -15,165 | -6,633 |
| 14 | AWC | 176,984 | 1.9% | 122,531 | 144.4% | 289,931,000 | 6.1% | 43.8% | -69,218 | -30,125 |
| 15 | WPL | 141,781 | 1.5% | 154,901 | 91.5% | 54,329,000 | 26.1% | 60.7% | 2,292 | -6,379 |
| 16 | CSL | 130,655 | 1.4% | 95,256 | 137.2% | 19,508,000 | 67.0% | 75.8% | -2,185 | -1,845 |
| 17 | S32 | 112,847 | 1.2% | 183,731 | 61.4% | 598,398,000 | 1.9% | 100.2% | -12,272 | -31,933 |
| 18 | ORG | 102,137 | 1.1% | 239,463 | 42.7% | 139,114,000 | 7.3% | 84.3% | -5,779 | -2,649 |
| 19 | WOW | 100,660 | 1.1% | 161,261 | 62.4% | 62,627,000 | 16.1% | 66.8% | 1,036 | -5,647 |
| 20 | TCL | 99,124 | 1.0% | 106,223 | 93.3% | 109,867,000 | 9.0% | 15.6% | -1,002 | 756 |
| 21 | WES | 97,851 | 1.0% | 125,670 | 77.9% | 45,750,000 | 21.4% | 81.7% | -255 | -2,423 |
| 22 | IAG | 89,727 | 0.9% | 95,619 | 93.8% | 114,609,000 | 7.8% | 5.7% | -6,055 | 1,000 |
| 23 | QBE | 86,195 | 0.9% | 191,050 | 45.1% | 88,214,000 | 9.8% | 61.0% | -10,960 | -5,629 |
| 24 | AMP | 78,034 | 0.8% | 188,239 | 41.5% | 180,912,000 | 4.3% | 129.6% | -9,368 | -3,085 |
| 25 | SCG | 74,735 | 0.8% | 121,107 | 61.7% | 279,807,000 | 2.7% | 12.6% | -10,819 | -6,576 |
| 26 | QAN | 67,512 | 0.7% | 59,885 | 112.7% | 307,527,000 | 2.2% | 96.6% | 368 | 17,185 |
| 27 | OSH | 66,562 | 0.7% | 323,097 | 20.6% | 80,670,000 | 8.3% | 44.0% | -6,905 | -5,416 |
| 28 | WFD | 60,939 | 0.6% | 147,068 | 41.4% | 188,299,000 | 3.2% | 426.1% | -6,744 | -2,870 |
| 29 | HVN | 58,322 | 0.6% | 60,966 | 95.7% | 139,385,000 | 4.2% | 138.8% | -7,695 | -1,661 |
| 30 | BLD | 54,245 | 0.6% | 75,383 | 72.0% | 122,805,000 | 4.4% | 42.3% | -12,042 | 155 |
| | Market^ | 9,506,752 | 100.0% | 10,458,019 | 90.9% | 9,024,046,000 | 10.5% | 84.7% | -45,415 | -31,073 |

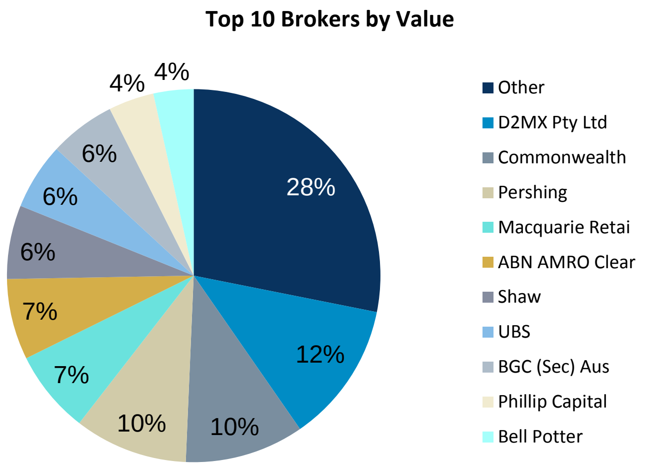
* Derivatives Liquidity Ratio (DLR) is options volume (in shares) / volume of underlying security
** The net calls/puts are the number of options contracts bought minus the number of options contracts sold, excluding Market Makers
^ ETO classes only included

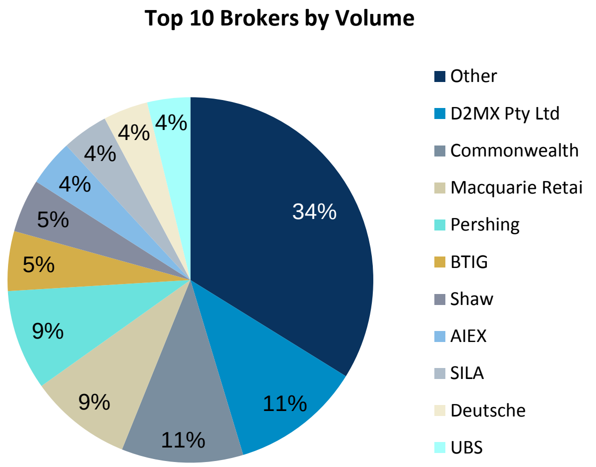
NOTE: Figures for the above charts are double-sided

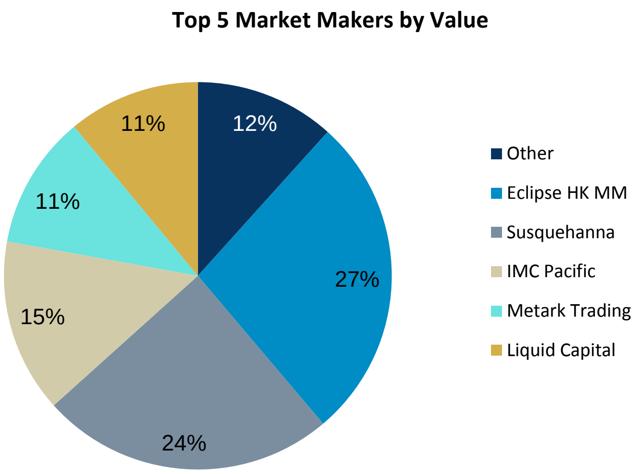
# DERIVATIVES – EQUITY AND INDEX OPTIONS

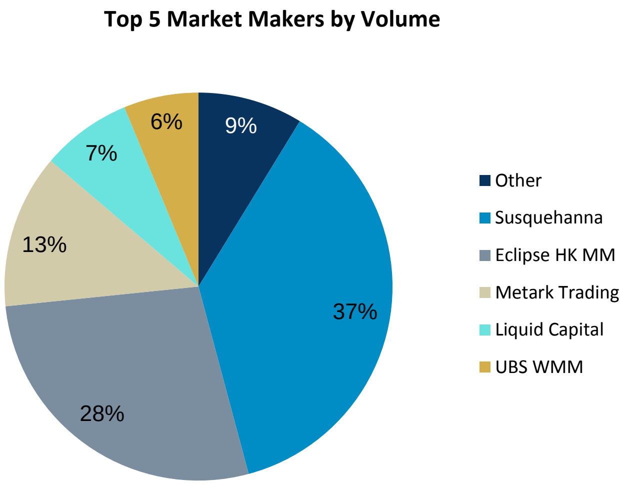
## May 2017

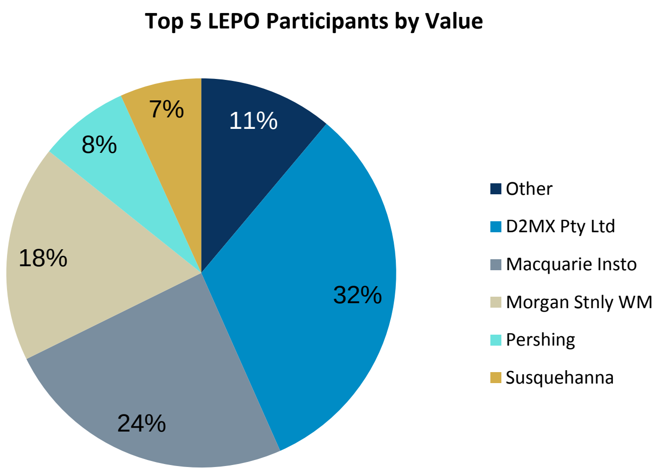
### Market Share by Value and Volume Traded

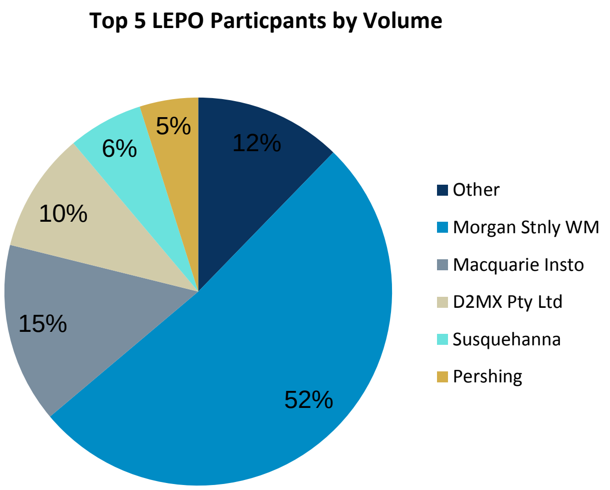


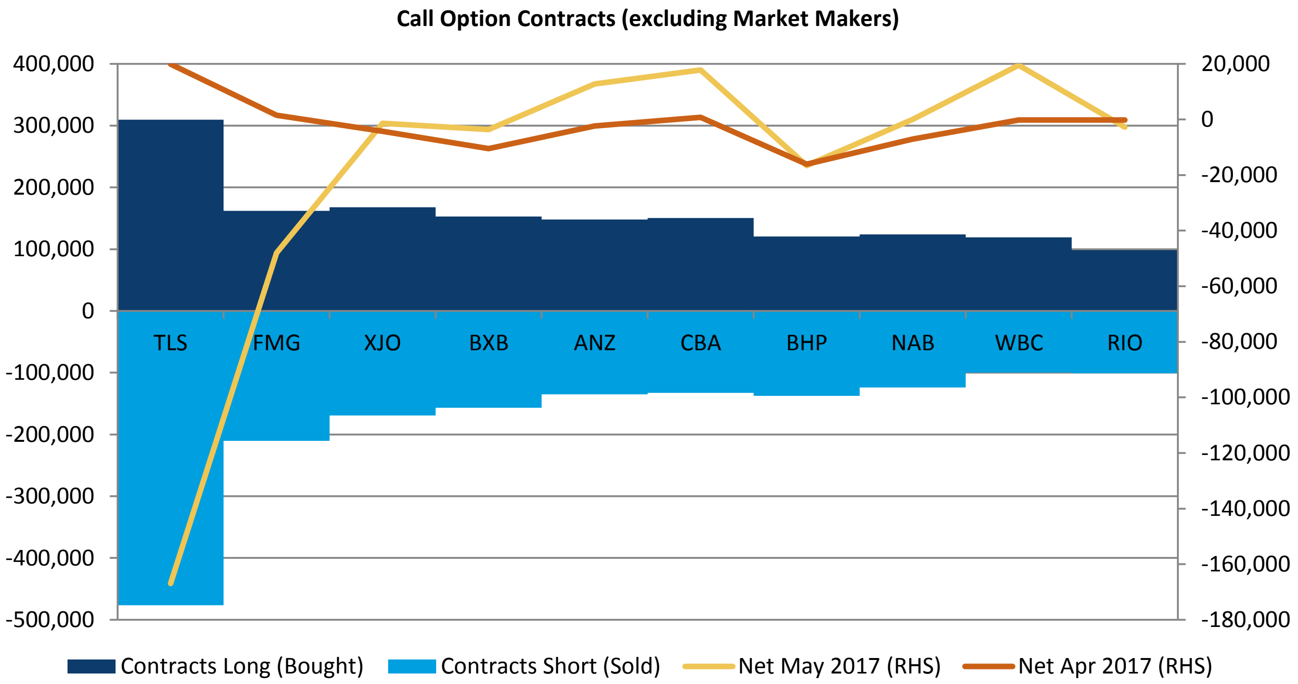



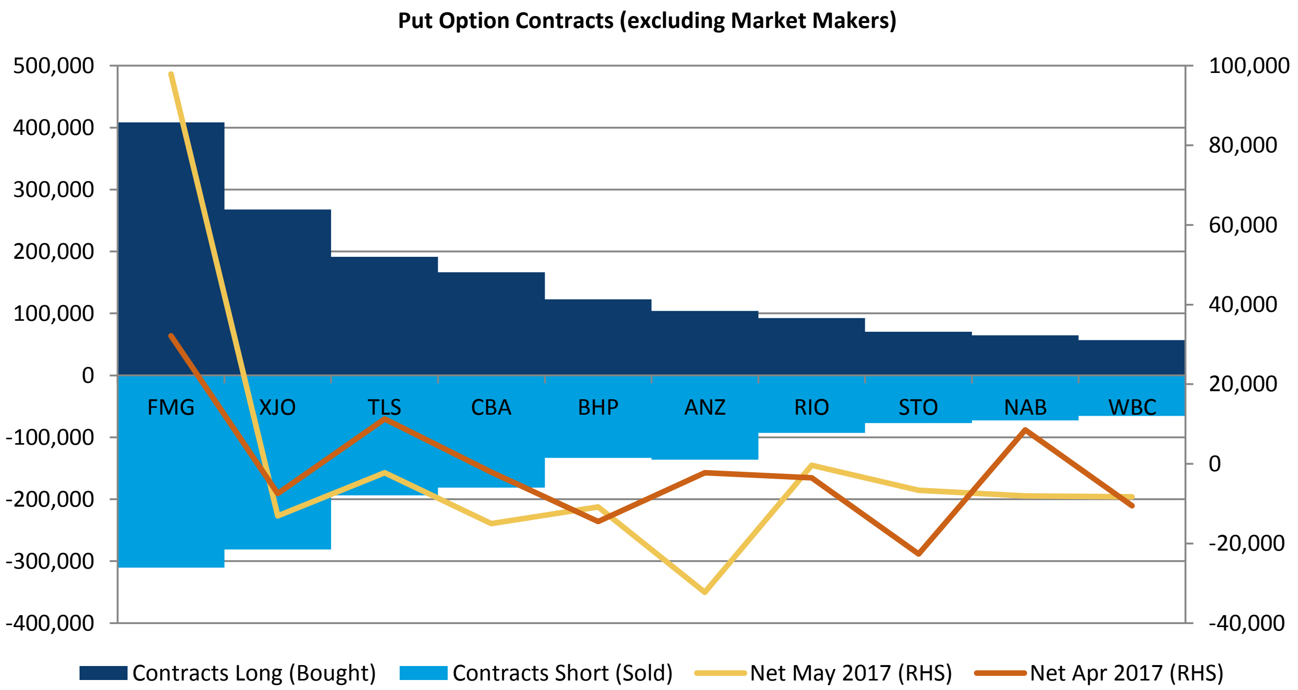

NOTE: The above charts include contracts traded in both Single Stock and Index options
LEPOs are excluded from these charts

# DERIVATIVES – EQUITY AND INDEX OPTIONS

## May 2017

### Top 10 Call and Put Options Contracts



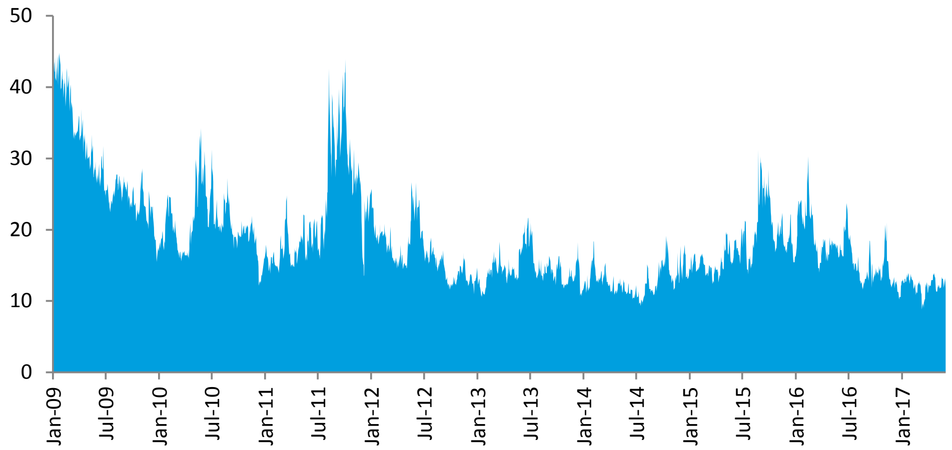




NOTE: The charts above show the number of contracts bought and sold by non-market-making participants in the top 10 underlying securities

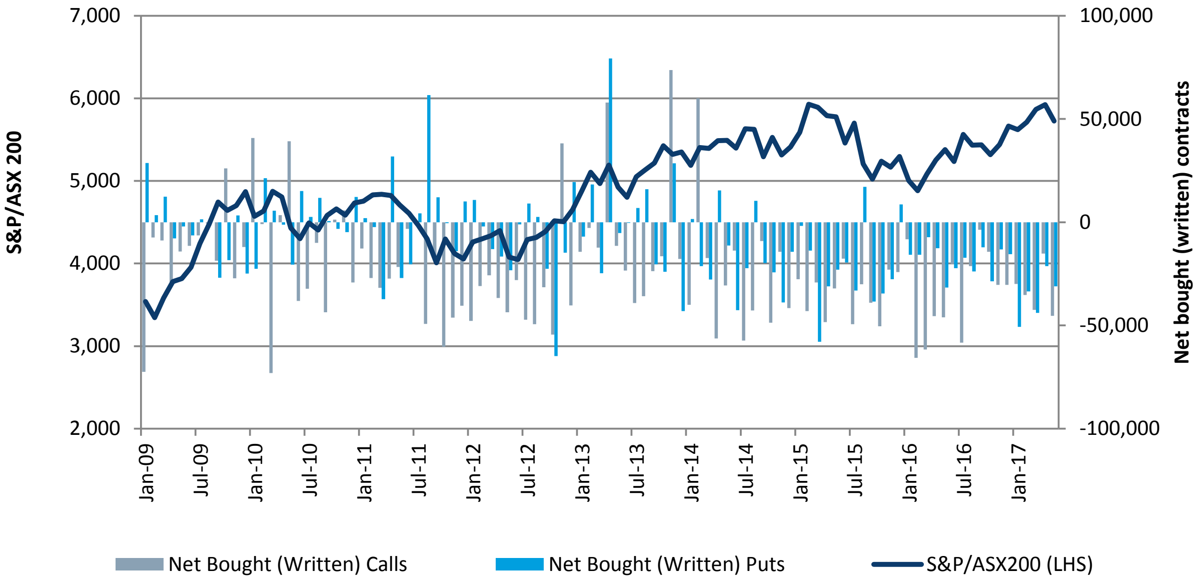
# DERIVATIVES – EQUITY AND INDEX OPTIONS

## May 2017

S&P/ASX 200 VIX

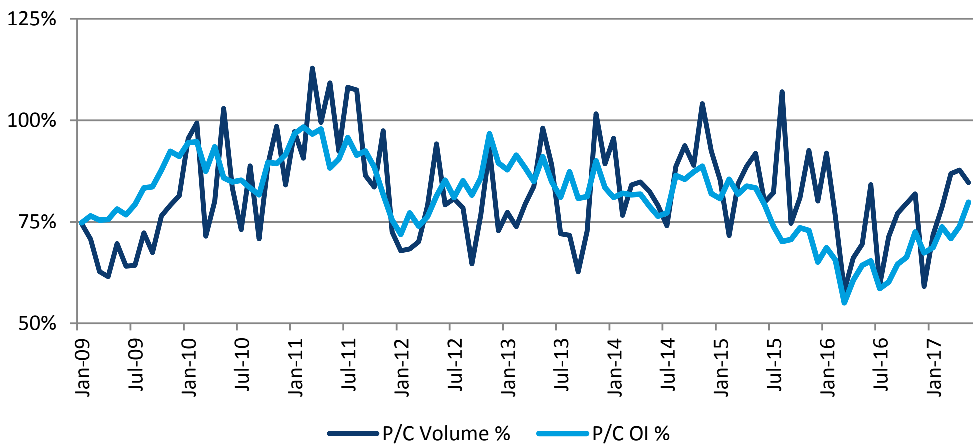



Options Net Buy/Sell Volume (excluding market makers)




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

Put-Call Indicators



# DERIVATIVES – EQUITY AND INDEX OPTIONS

## May 2017

### Volume, Value and Open Interest

**Volume**

| PERIOD | CALL | PUT | TOTAL OPTIONS | EQUITY OPTIONS | EQUITY LEPO | ASX INDEX OPTION | INDEX LEPO |
|---|---|---|---|---|---|---|---|
| May-17 | 5,147,488 | 4,359,264 | 9,506,752 | 8,452,133 | 213,094 | 841,480 | 45 |
| Apr-17 | 4,455,241 | 3,908,328 | 8,363,569 | 7,480,645 | 151,534 | 731,279 | 111 |
| Variance | 15.5% | 11.5% | 13.7% | 13.0% | 40.6% | 15.1% | -59.5% |
| | | | | | | | |
| May-16 | 5,169,647 | 3,591,340 | 8,760,987 | 7,335,103 | 298,955 | 1,125,949 | 980 |
| Variance | -0.4% | 21.4% | 8.5% | 15.2% | -28.7% | -25.3% | -95.4% |
| Cal Yr to date | 23,921,325 | 19,645,089 | 43,566,414 | 38,893,393 | 811,692 | 3,852,185 | 9,144 |
| Fin Yr to date | 53,662,332 | 40,725,168 | 94,387,500 | 81,917,830 | 3,028,386 | 9,429,288 | 11,996 |

**Value ($m)**

| PERIOD | CALL | PUT | TOTAL OPTIONS | EQUITY OPTIONS | EQUITY LEPO | INDEX OPTION | INDEX LEPO |
|---|---|---|---|---|---|---|---|
| May-17 | 965 | 421 | 1,386 | 576 | 439 | 368 | 3 |
| Apr-17 | 1,156 | 330 | 1,485 | 538 | 568 | 373 | 6 |
| Variance | -16.5% | 27.5% | -6.7% | 7.2% | -22.8% | -1.3% | -59.4% |
| | | | | | | | |
| May-16 | 944 | 661 | 1,605 | 519 | 214 | 820 | 52 |
| Variance | 2.3% | -36.3% | -13.6% | 11.0% | 105.3% | -55.1% | -95.0% |
| Cal Yr to date | 5,918 | 1,879 | 7,797 | 3,089 | 2,170 | 2,019 | 520 |
| Fin Yr to date | 13,638 | 4,601 | 18,239 | 7,067 | 5,412 | 5,111 | 649 |

**Open Interest**

| PERIOD | CALL | PUT | TOTAL OPTIONS | EQUITY OPTIONS | EQUITY LEPO | INDEX OPTION | INDEX LEPO |
|---|---|---|---|---|---|---|---|
| May-17 | 5,816,148 | 4,641,871 | 10,458,019 | 8,953,827 | 658,047 | 844,558 | 1,587 |
| Apr-17 | 5,834,385 | 4,310,386 | 10,144,771 | 8,717,189 | 652,038 | 773,954 | 1,590 |
| Variance | -0.3% | 7.7% | 3.1% | 2.7% | 0.9% | 9.1% | -0.2% |
| | | | | | | | |
| May-16 | 6,343,196 | 4,077,144 | 10,420,340 | 8,248,697 | 1,166,564 | 1,004,919 | 160 |
| Variance | -8.3% | 13.9% | 0.4% | 8.5% | -43.6% | -16.0% | 891.9% |
| Cal Yr to date | 5,816,148 | 4,641,871 | 10,458,019 | 8,953,827 | 658,047 | 844,558 | 1,587 |
| Fin Yr to date | 5,816,148 | 4,641,871 | 10,458,019 | 8,953,827 | 658,047 | 844,558 | 1,587 |



**More information**

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