

# Full-Year 2015 Results Presentation

ASX Limited



The Heart of Australia's Financial Markets

**Elmer Funke Kupper**, Managing Director and CEO

**Peter Hiom**, Deputy CEO

20 August 2015

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Forward-looking statements may be identified by words such as "aim", "anticipate", "assume", "continue", "could", "estimate", "expect", "intend", "may", "plan", "predict", "should", "will", or "would" or the negative of such terms or other similar expressions that are predictions of or otherwise indicate future events or trends.

The forward-looking statements included in this document speak only as of the date of this document. The ASX Group does not intend to update the forward-looking statements in this document in the future.

# Financial Results FY15

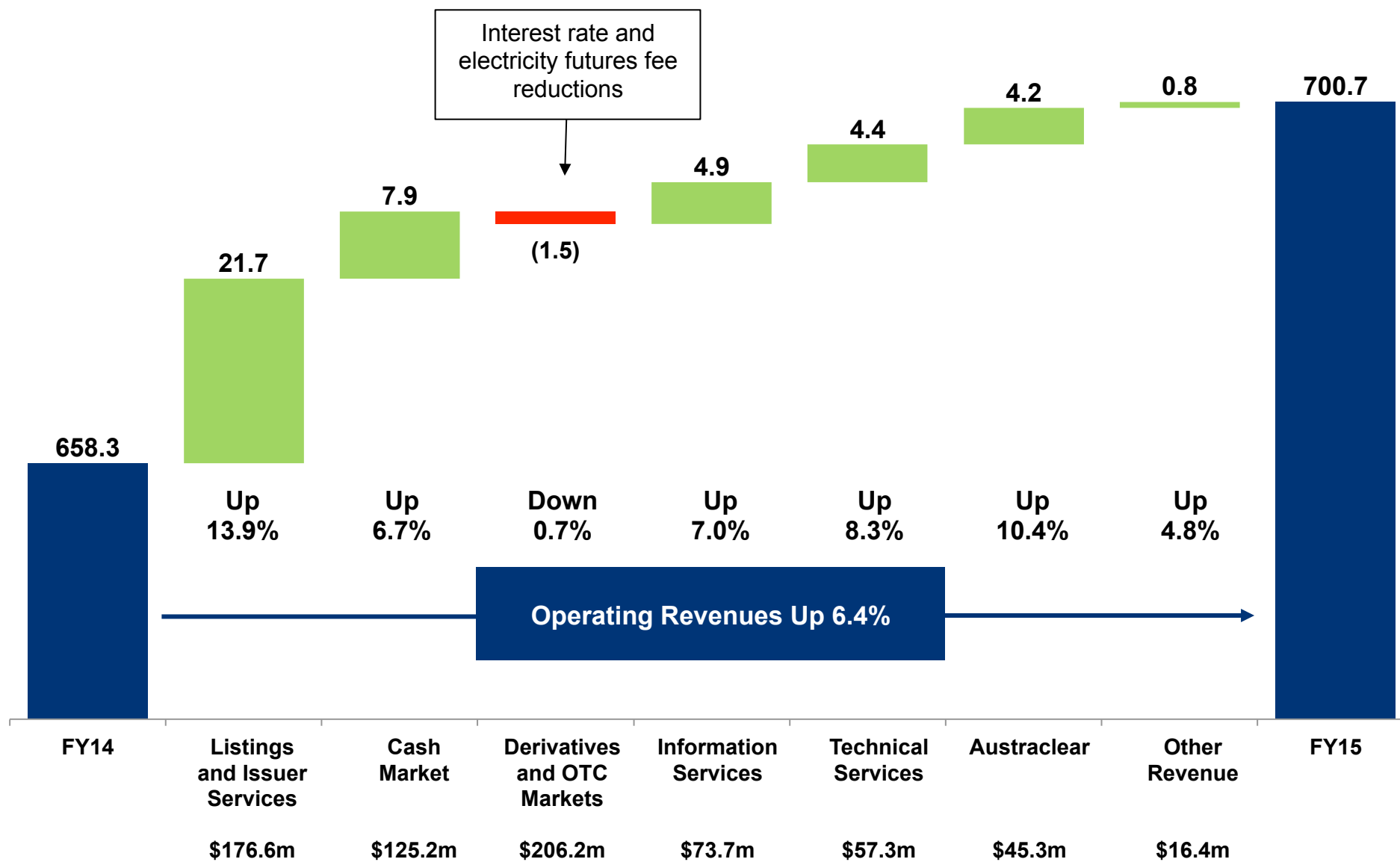
<b>Revenues</b> \$700.7m 6.4%	<b>Underlying Expenses</b> \$160.1m (4.2%)	<b>EBITDA</b> \$540.6m 7.1%	<b>Underlying NPAT</b> \$403.2m 5.2%	<b>Statutory NPAT</b> \$397.8m 3.8%	<b>Underlying EPS</b> 208.4c 5.0%	<b>DPS</b> 187.4c 5.2%
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- **Positive revenue performance**
  - Impact of fee reductions in Derivatives business \$17.8 million partially offset by removal of other rebates
- **Underlying expenses in line with guidance**
  - Excludes restructuring charge \$7.7 million pre-tax
  - Additional resources in FY16 to support Asian growth, data business and CHES replacement
- **Capital expenditure \$44.4 million**
  - Technology investment program underway
  - FY16 capital expenditure guidance \$45-50 million
- **Post GFC regulatory settings largely in place**
  - Outcome from Council of Financial Regulators review of cash equities clearing expected soon
- **Significant investment in long-term strategic position**
  - Higher customer engagement and improved service delivery
  - Products and services that give investors flexibility and choice
  - World-class trading and post-trade infrastructure
  - Leading skills and team engagement

# Income Statement

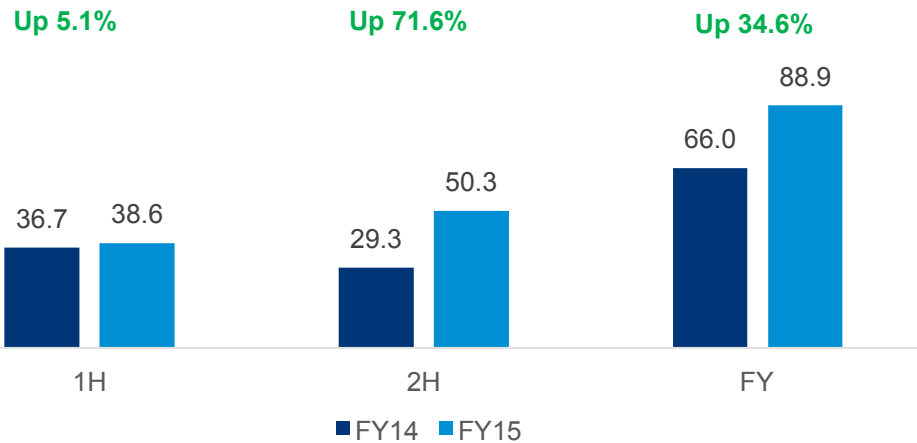
	FY15 \$ Million	FY14 \$ Million	% Variance
Operating Revenues	700.7	658.3	6.4%
Operating Expenses	160.1	153.6	(4.2%)
<b>EBITDA</b>	<b>540.6</b>	<b>504.7</b>	<b>7.1%</b>
Depreciation and Amortisation	38.6	33.8	(14.3%)
<b>EBIT</b>	<b>502.0</b>	<b>470.9</b>	<b>6.6%</b>
Interest and Dividend	71.9	70.7	1.8%
<b>Underlying Profit Before Tax</b>	<b>573.9</b>	<b>541.6</b>	<b>6.0%</b>
Income Tax Expense	(170.7)	(158.4)	(7.7%)
<b>Underlying Profit After Tax</b>	<b>403.2</b>	<b>383.2</b>	<b>5.2%</b>
Significant Items (Net of Tax)	(5.4)	-	
<b>Statutory Profit After Tax</b>	<b>397.8</b>	<b>383.2</b>	<b>3.8%</b>
<b>EBITDA Margin</b>	<b>77.1%</b>	<b>76.7%</b>	

# Revenue Movement (\$M)

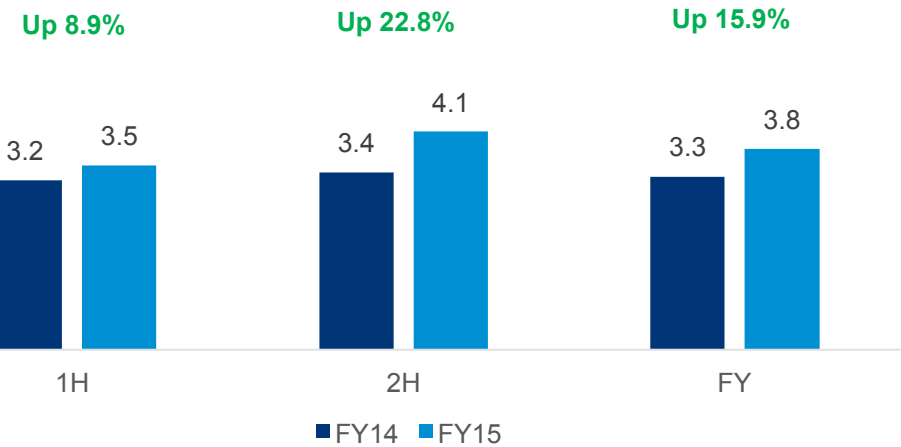


# Activity Levels by Half-year

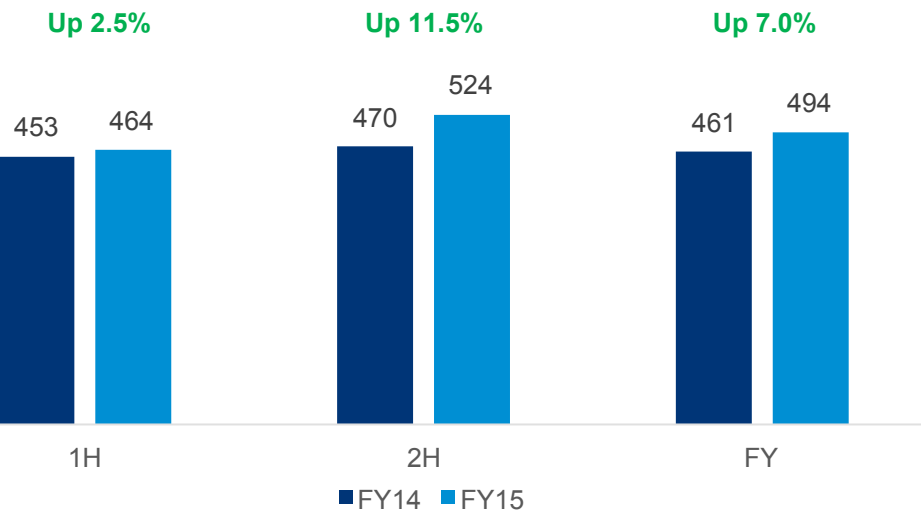
## Listings Total Capital Raised \$ Billion



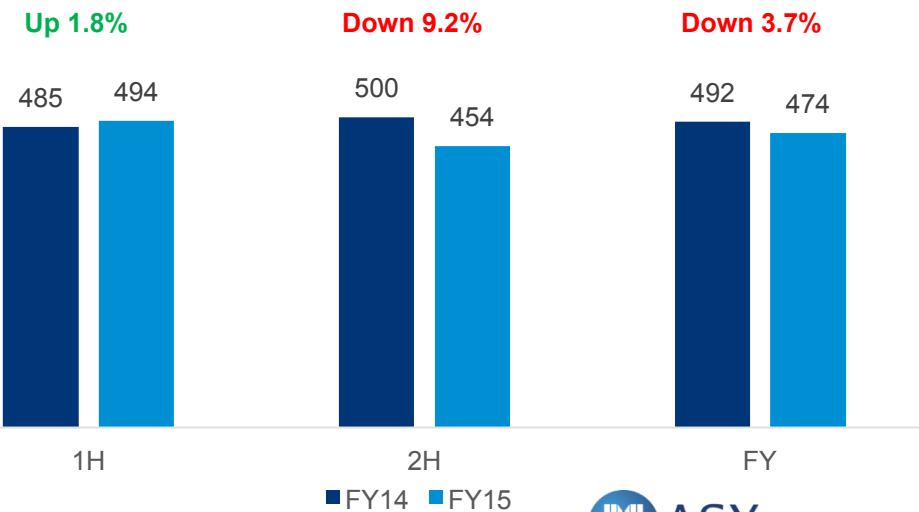
## ASX Cash Market Average Daily On-Market Value Traded \$ Billion



## Futures Daily Average Contracts ('000)



## Equity Options Daily Average Contracts ('000)



# Key Themes

## Global Leader in A\$ and NZ\$ Financial Markets

- Innovate in fragmented equity market
- Build on leadership in A\$ and NZ\$ derivatives markets

## Investment Supermarket

- Grow listings franchise
- Extend suite of investment options – equities, debt, funds

## World-Class Infrastructure, Globally Connected

- Deliver competitive trading and post-trade services
- Upgrade technology infrastructure – multi-currency
- Build global connectivity

## Outstanding Customer Experience

- Deepen customer engagement across all services
- Deliver 24 hour service to local and global clients
- Strengthen alignment through fee reductions and rebates

## Regulatory Settings

## Employer of Choice

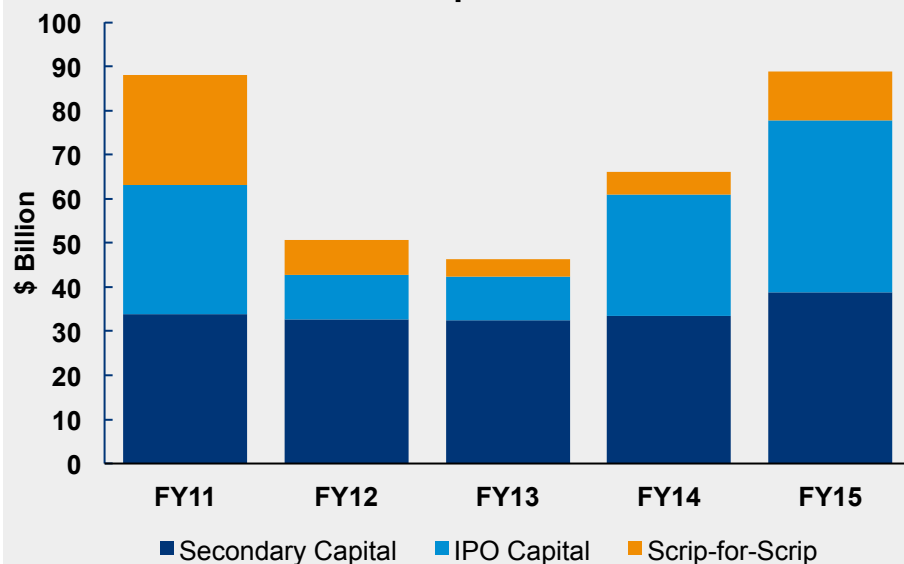
# Listings and Issuer Services

## Highlights

**Revenue \$176.6 million, up 13.9%**

- All revenue categories higher
- 120 IPOs; IPO capital \$38.9 billion, up 40.7%
- Secondary capital \$50.0 billion, up 30.2%
- Number of holding statements up 11.1% on pcp

**Total Capital Raised**



## Areas of Focus

### Grow Listings Franchise

- New Zealand – simplify dual listings process
- Tech sector – 30 listings<sup>1</sup> in FY15, 131 entities listed
- Exchange traded products (ETPs) – 140 ETPs listed totalling \$18.5 billion
- ‘ASX Evolve’ program for listed entities

### Expand ‘Investment Supermarket’

- Domestic equities
- International equities – subject to regulatory clearance
- Government bonds
- Corporate bonds – support FSI recommendations
- ETFs and listed investment companies
- Unlisted managed funds through mFund service; 30 fund managers offering 101 funds via 11 brokers

<sup>1</sup>Includes IPOs and backdoor listings



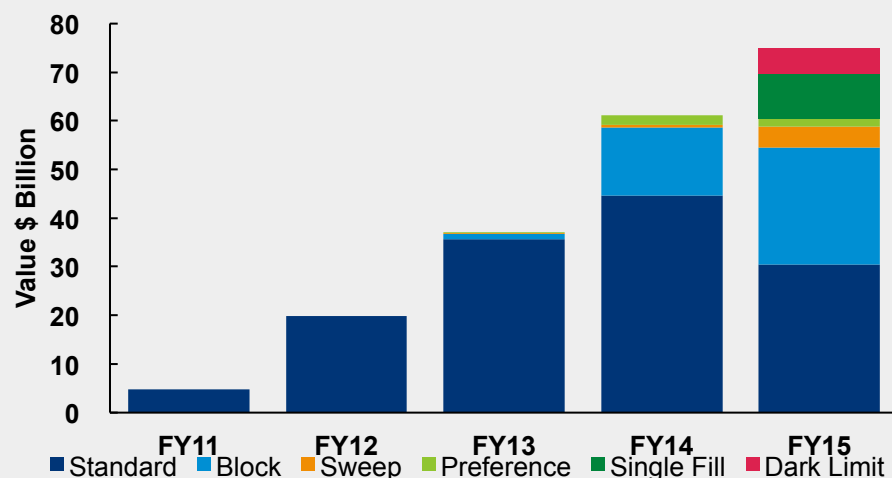
# Cash Market

## Highlights

### Revenue \$125.2 million, up 6.7%

- Trading \$35.5 million, up 7.4%, clearing \$47.1 million, up 9.2%, settlement \$42.6 million, up 3.6%
- Total on-market value traded per day across all venues up 16.9%; ASX on-market trading up 15.9%
- Revenue sharing schemes \$7.3 million, pcp \$0.6 million

### Centre Point Value Traded



## Areas of Focus

### Trading

- On-market trading market share 90% (91% pcp)
- Growth in ASX auctions and Centre Point; together accounted for 27.8% of ASX on-market value and 47.9% of trading revenue
- Trading platform replacement in early FY17

### Clearing and Settlement

- 'Cover 2' capital standard for equities clearing house, AA- long-term credit rating from S&P
- Government decision on review of cash equities clearing expected soon

Five year extension will allow ASX to:

- Implement new clearing fee schedule. Impact \$7.3 million pa based on current activity
- Strengthen the Code of Practice
- Invest in CHES replacement

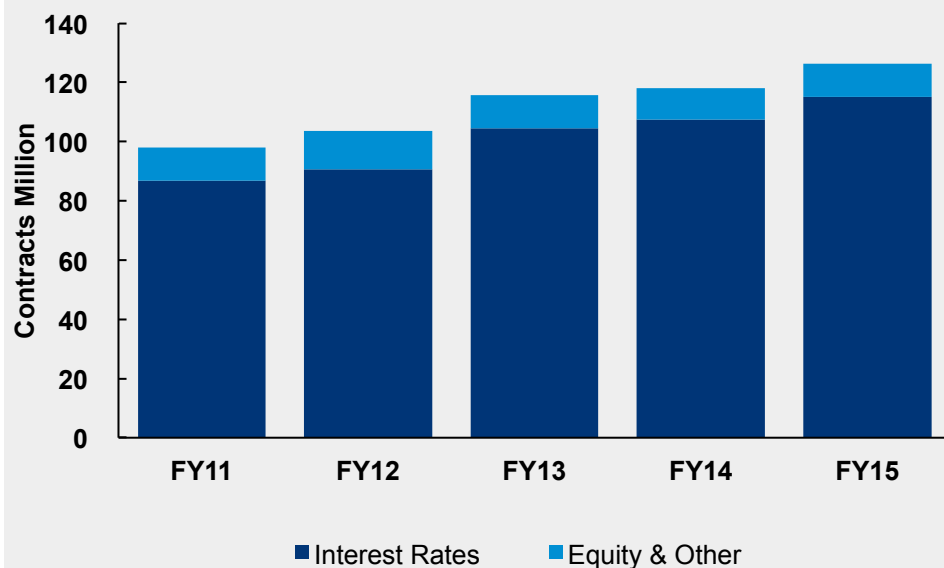
# Derivatives and OTC Markets

## Highlights

### Revenue \$206.2 million, down 0.7%

- Futures \$181.6 million, down 2.1%
  - Contracts traded up 7.0%
  - Higher rebates and fee reductions
- Equity options \$24.6 million, up 10.9%
  - Contracts traded down 3.3%
  - Trading mix and one-off rebate in prior year

### Futures and Options on Futures



## Areas of Focus

### Product Development

- Energy – gas futures April 2015
- ETOs – Flexclear OTC Clearing May 2015
- 20 Year Government Bond Futures September 2015
- Deliverable Swap Futures Q2 FY16

### Distribution

- FY16 investment in sales resources targeting Asia
- Trading platform replacement in late FY16

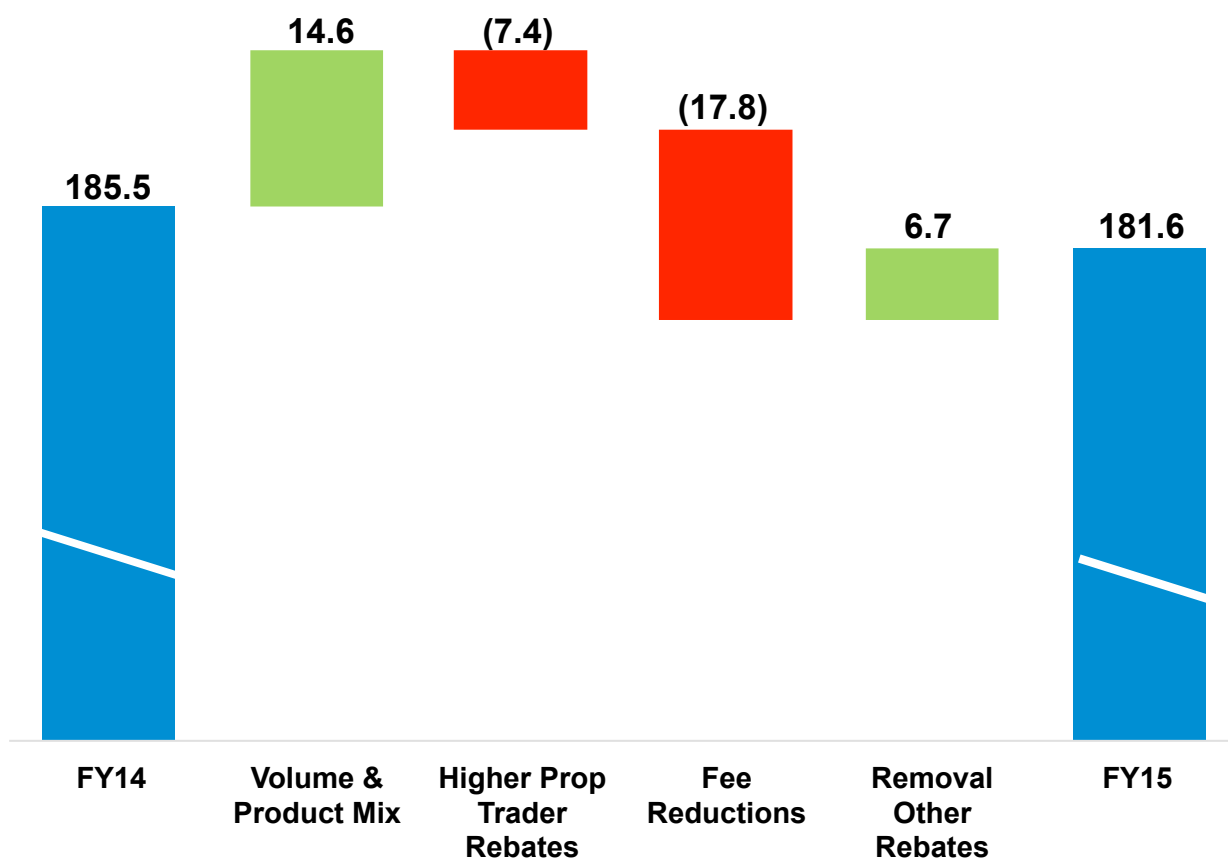
### Clearing and Risk Management Services

- OTC clearing \$805.9 billion in FY15 (\$704.2 billion 2H15), 6 active clients

### Regulatory Standards

- 'Cover 2' capital standard, AA- credit rating from S&P
- ESMA regulatory recognition, CFTC clearance

# Impact of Fee Changes on Futures Revenue (\$M)<sup>1</sup>



- Fee reductions in electricity (1 July 2014) and interest rate futures (1 October 2014)
- FY15 part-year impact \$17.8 million, partially offset by the removal of \$6.7 million of other rebates
- FY16 full-year impact estimated to be approximately \$24 million at current activity levels

<sup>1</sup>FY15 Derivatives and OTC Markets revenue \$206.2 million, consisting of futures \$181.6 million and equity options \$24.6 million

# Information and Technical Services

## Highlights

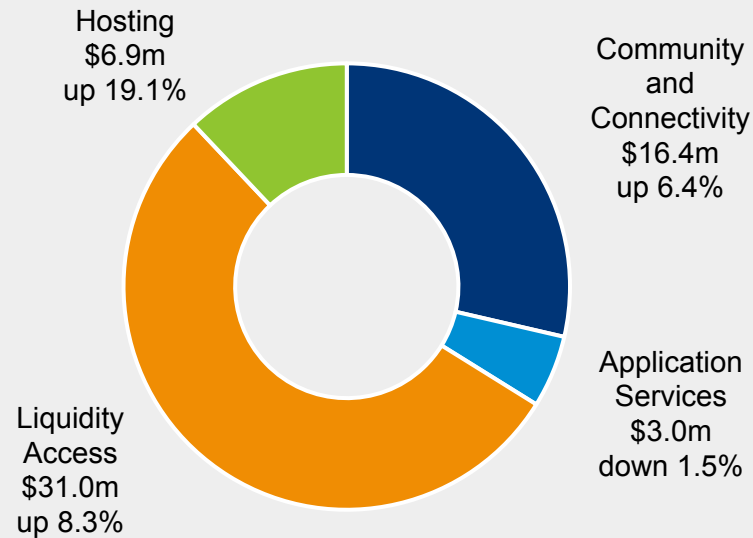
### Information Services \$73.7 million, up 7.0%

- Pricing changes implemented 1 July 2014

### Technical Services \$57.3 million, up 8.3%

- Hosting: 188 cabinets (142 pc), 95 customers (89 pc)
- Community and Connectivity: 9.2% increase in ALC service connections

### Technical Services Revenue



## Areas of Focus

### Information Services

- Multi-year enterprise agreements established with key clients
- Expansion of data and analytic services – dedicated resources from FY16

### Technical Services

- Growth in hosting as customers increasingly utilise ALC as a primary Australian data centre
- Expansion of ASX Net global sites (Chicago CME, Hong Kong early FY16) and the availability of additional third-party content
- Increased content and service providers in ALC is generating additional cross-connect opportunities

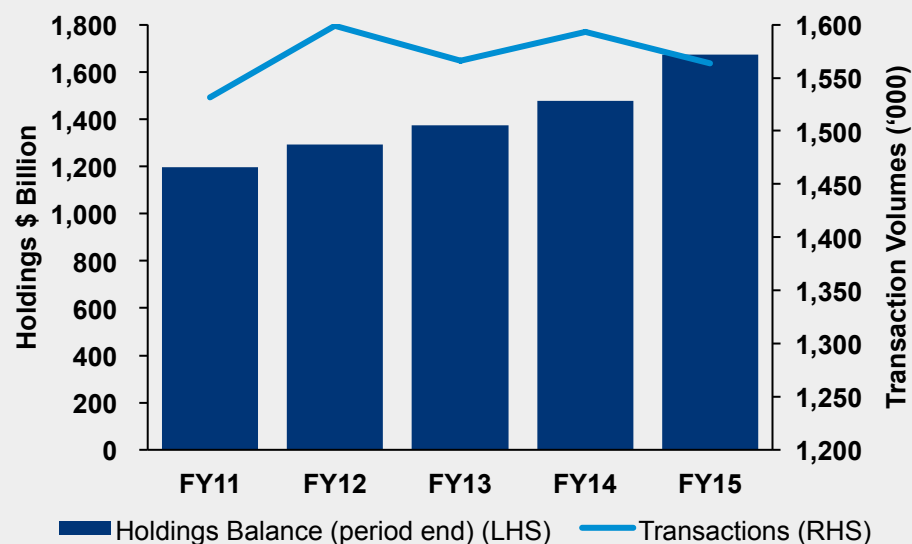
# Austraclear

## Highlights

**Revenue \$45.3 million, up 10.4%**

- Transaction volumes down 1.9%
- Average balances up 13.3% to \$1.7 trillion
- Number of debt issuances up 10.6%

### Holdings and Transaction Levels



## Areas of Focus

### Renminbi Settlement Service

- Launched July 2014
- Provides real-time RMB settlement facility
- Bank of China appointed RMB clearing bank

### ASX Collateral Service

- Reduces collateral costs for ASX clients by utilising fixed income securities within Austraclear
- Competitive pricing following re-negotiated commercial terms with Clearstream to facilitate growth
- Modest growth in activity with \$4.3 billion collateral under management, 8 active users

# Focus on Customers

## Customer Experience

### Improving Capabilities

- New ASX Customer Experience Team in place, member of Group Executive Committee

### Service Enhancements

- Customer Support Centre opened in April 2015
- New digital Customer Portal in development

## Customer Support Centre Opened April 2015



## Engagement and Alignment

### Investments

- Acquired 49% stake in the Yieldbroker bond/swap platform, remainder owned by key ASX customers
- ASX senior executive hires sourced from global and domestic customers as well as other industry stakeholders

### Customer Engagement

- Client forums established for all asset classes
- First customer survey completed

### Fee Reductions

- Promote growth and strengthen the ASX franchise
  - Interest rate futures
  - Electricity futures and options
  - Cash Market Clearing (if market structure retained for five years)

# Impact of Fee Reductions on FY16 Revenues

Derivative fee reductions were implemented replacing other rebate schemes

	FY15 \$ Million	FY16 \$ Million	Variance FY15-FY16 \$ Million
<b>Derivatives and OTC Markets</b>			
Fee Reductions	17.8	24.0	
Removal of Other Rebate Schemes	(6.7)	-	
	<b>11.1</b>	<b>24.0</b>	<b>12.9</b>

- FY16 full-year impact estimated at recent activity levels
- Partially offset by removal of other rebate schemes

Commitment to implement fee reductions in FY16 if cash equities clearing market structure is retained for five years

	FY14 \$ Million	FY15 \$ Million	FY16 \$ Million	Variance FY15-FY16 \$ Million
<b>Cash Market</b>				
Revenue Sharing Schemes	0.6	7.3 <sup>1</sup>	-	
Clearing Fee Reductions (if market structure retained)	-	-	7.3	
	<b>0.6</b>	<b>7.3</b>	<b>7.3</b>	<b>-</b>

- FY16 full-year impact estimated at FY15 activity levels

<sup>1</sup> Trading \$2.5 million, Clearing \$3.6 million & Settlement \$1.2 million

# Interest and Dividend Income

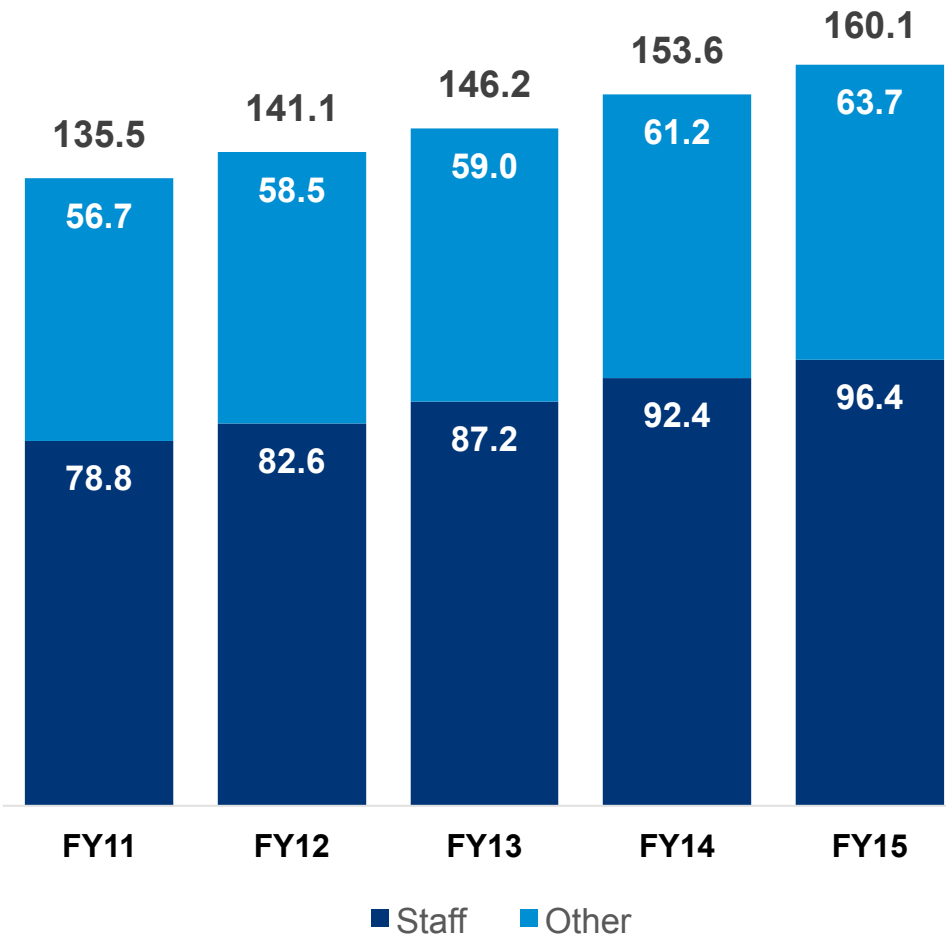
	FY15 \$ Million	FY14 \$ Million	% Variance
ASX Group Net Interest Income	26.9	28.6	(5.7%)
Net Interest Earned on Collateral Balances	32.3	31.3	3.1%
<b>Total Net Interest Income</b>	<b>59.2</b>	<b>59.9</b>	<b>(1.1%)</b>
Dividend Income	12.7	10.8	17.5%
<b>Interest and Dividend Income</b>	<b>71.9</b>	<b>70.7</b>	<b>1.8%</b>

## Highlights

- Total net interest income down 1.1%
- ASX Group net interest income down 5.7% as market rates fell
- Net interest earned on collateral balances up 3.1% primarily due to higher balances
  - Collateral balances average \$4.1 billion, up 7.5%
  - Investment spread 41 bps (44 bps pcp)
- Repositioning of portfolio in line with regulatory standards over next 2 years will lead to lower investment earnings
  - Impact in FY16 not expected to be material
- IRESS dividend up 17.5%
  - Shareholding 19.2%



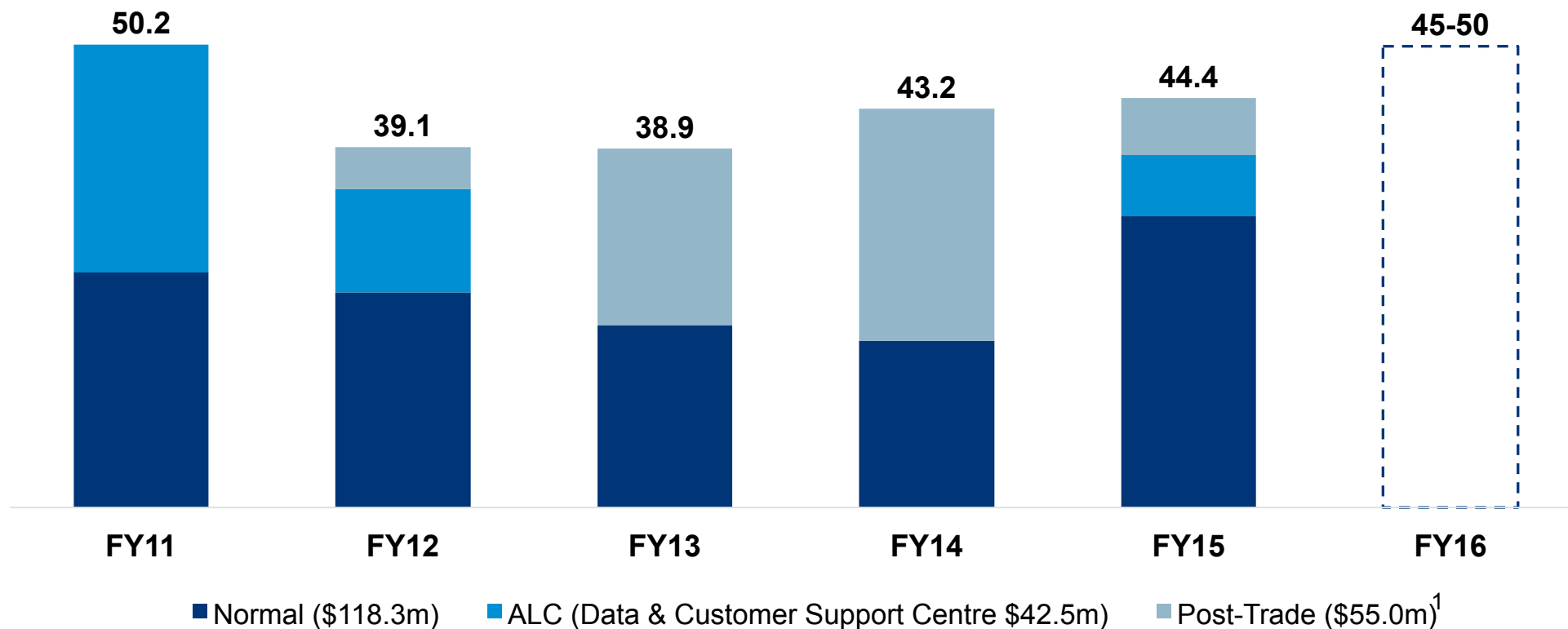
# Expenses (\$M)



## Highlights

- Staff costs up 4.4%
  - Higher salaries and incentives
  - Higher recruitment costs
  - Average headcount down 1.9% to 524 FTEs
- Other costs up 4.1%
- Significant items restructuring charge: \$7.7 million pre-tax
  - No impact on FY15 final dividend
- Guidance FY16: approximately 5.0% increase:
  - Ongoing expenses approximately 3.5%
  - \$2.5-3.0 million investment in new initiatives: data business, Asia, CHES replacement

# Capital Expenditure (\$M)

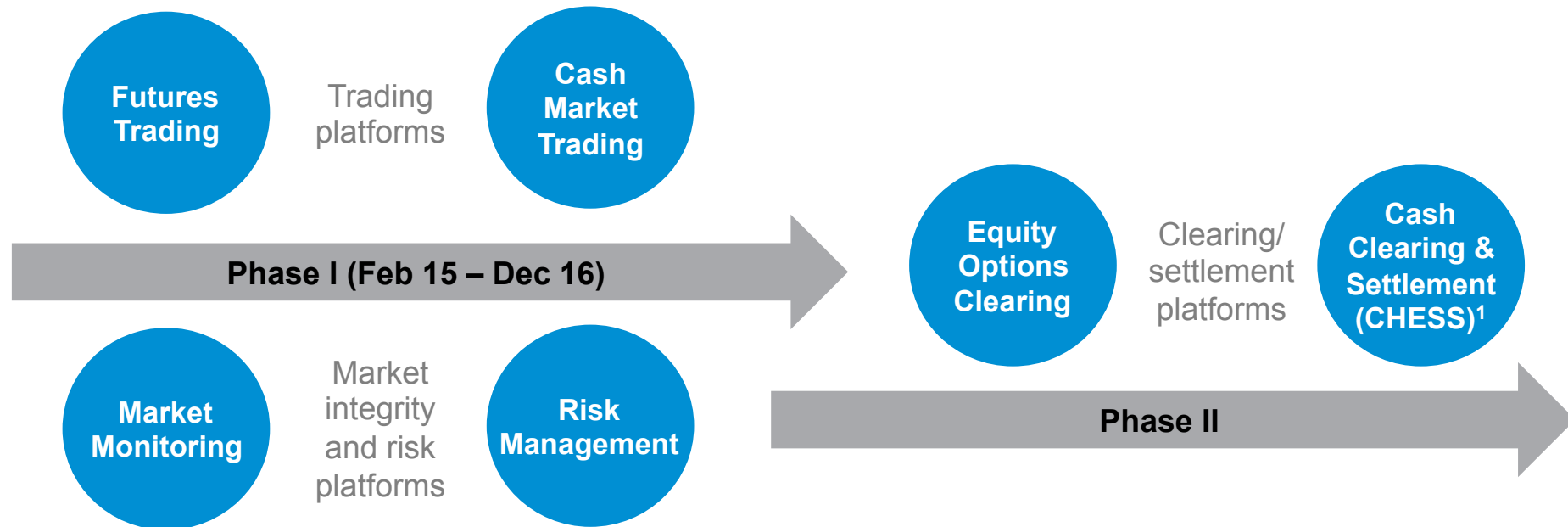


## Highlights

- Average total capital expenditure since 2011: \$43 million per annum
- Capital expenditure guidance for FY16 \$45-50 million

<sup>1</sup>Post-trade \$55.0 million, includes new post-trade services \$36.1 million and upgrades of existing platforms \$18.9 million

# Infrastructure Investment Program



## Customer Objectives

- Innovation and speed to market
- Global standards for connectivity
- Fewer platforms with lower client costs to connect and comply

## Economics

- Managed within Group capex envelope of \$45-50 million pa
- Phase 1 capex approximately \$35 million over two years

<sup>1</sup>Decision expected in FY16 when there is clarity on cash equities clearing market structure

# Regulatory Environment

## Developments - Last Three Years

### Investors

- Equity market regulations supporting end-investors

### Systemic risk

- Location requirements
- Global regulatory and capital standards adopted early
- A\$ OTC interest rate swap central clearing mandate recommended along with G4 currencies

### Global competitiveness

- Post-trade solutions in place
- ESMA recognition received, CFTC clearance
- AA- long-term credit ratings from S&P
- Red tape reduction

## Outstanding – Clearing Market Structure

### Compelling case for single clearing facility

- Most efficient model for market the size of Australia
- Effective governance through Code of Practice
- Commitment to upgrade infrastructure
- Lower fees with initial 14.7% reduction<sup>1</sup>

Proposed Equities Clearing Fees <sup>2</sup>	Basis Points
all value up to \$3bn per day	0.225
any value between \$3bn and \$4bn	0.175
any value between \$4bn and \$5bn	0.125
any value over \$5bn	0.100

<sup>1</sup>Subject to extension of current market structure

<sup>2</sup>Current fee is 0.25bp. Bands refer to total market value cleared per day

# Capital Attribution (Net of Goodwill)

Majority of capital supports clearing and settlement risks for equities and exchange-traded derivatives

Capital Supporting	30 Jun-15 \$ Million	Drivers/Comments	
<b>Clearing Default Risk</b>			
ASX Clear	250	Financial Stability Standards – Cover 2 <ul style="list-style-type: none"> <li>• Previously Cover 1</li> <li>• Driven by positions of two largest participants</li> </ul>	Capital (cash-backed) held in clearing subsidiaries, ASX Clear and ASX Clear (Futures)  2013 capital raising mostly to meet higher capital standards for existing businesses
ASX Clear (Futures) <sup>1</sup>	450	Financial Stability Standards – Cover 2 <ul style="list-style-type: none"> <li>• Previously Cover 1</li> <li>• Driven by positions of two largest participants</li> <li>• Current positions dominated by traditional interest rate and SPI futures business</li> <li>• OTC clearing service minimal impact</li> </ul>	
<b>Settlement, Business and Operating Risk</b>	413	<ul style="list-style-type: none"> <li>• Operational, business and investment risk across clearing, settlement and general business operations</li> <li>• Key drivers are the value in the equities and debt depositories</li> </ul>	Held at Group level in cash and other assets  Benefiting from risk diversification
<b>Total Capital Attribution</b>	1,113		

<sup>1</sup>In addition to the ASX capital contribution to ASX Clear (Futures) of \$450 million, participants contributed \$200 million

# Post Balance Date Activity (to 14 August)



**Total Capital raised**  
**\$9.2 billion**  
**July 2015**



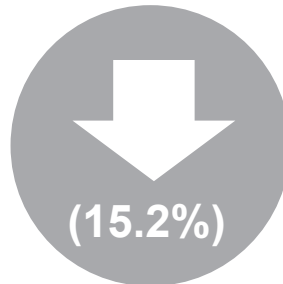
**Cash market trading**  
**(Total Market - all venues)**  
**\$5.1 billion**  
**Average value per day**



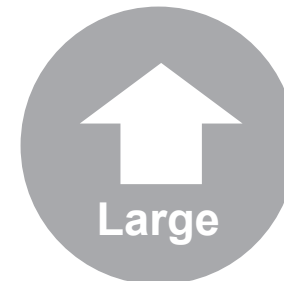
**Cash market trading**  
**(ASX on-market)**  
**\$3.8 billion**  
**Average value per day**



**Futures trading**  
**416,446**  
**Daily average volume**



**Equity options trading**  
**338,804**  
**Daily average volume**

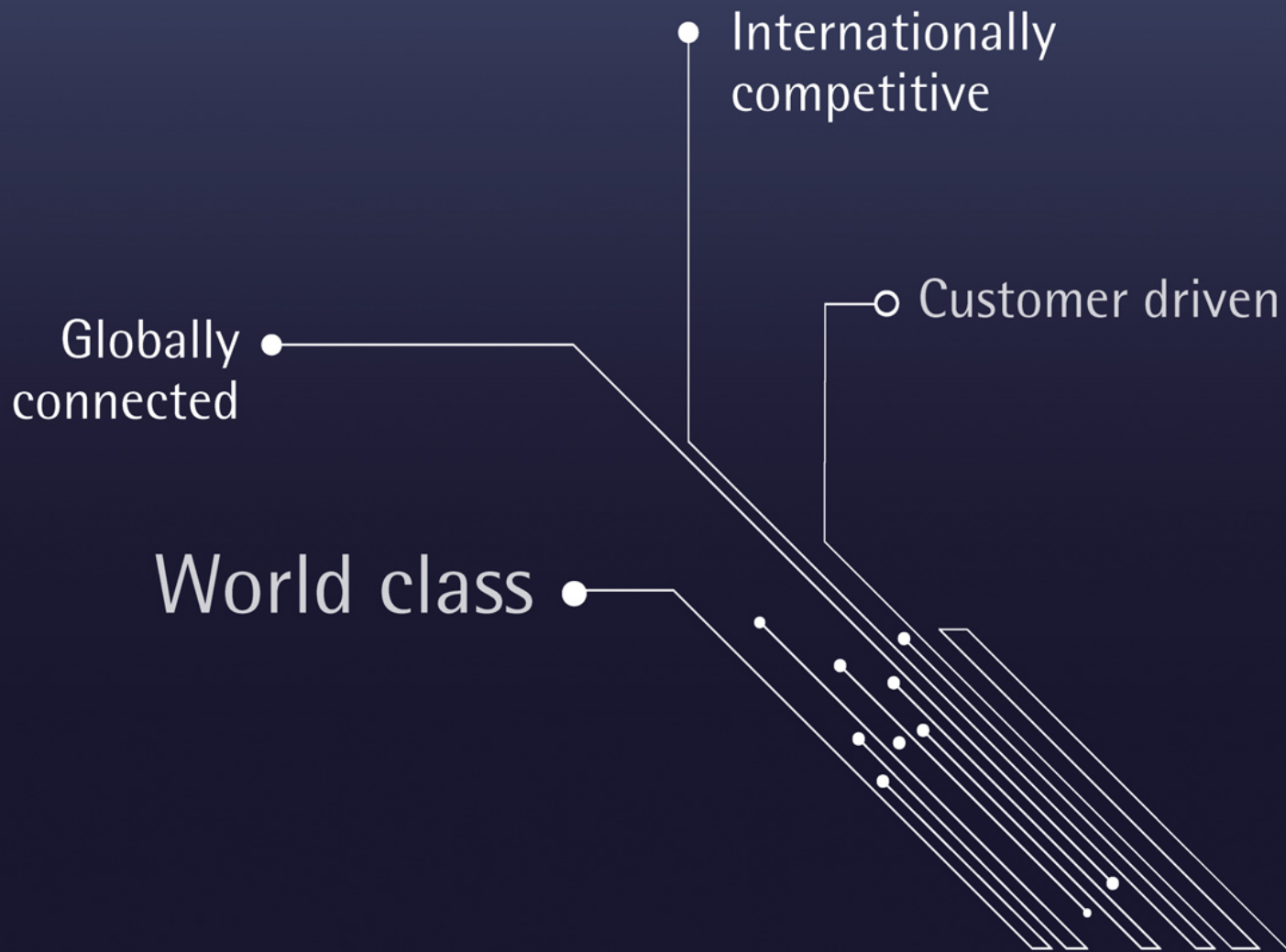


**OTC clearing**  
**\$235.7 billion**  
**Total cleared notional value**

# Financial Results FY15

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ASX





# Appendices

1. Income Statement
2. Balance Sheet
3. Key Financial Ratios
4. Transaction and Activity Levels
5. Free Cash Flow Summary
6. Capital Supporting Clearing and Settlement
7. Cash Market Clearing and Settlement Income Statements

# 1. Income Statement

	FY11 \$ Million	FY12 \$ Million	FY13 \$ Million	FY14 \$ Million	FY15 \$ Million
<b>Listings and Issuer Services</b>	<b>150.3</b>	<b>133.4</b>	<b>139.7</b>	<b>154.9</b>	<b>176.6</b>
Listings	122.1	109.9	113.2	127.0	143.3
<i>Annual Listing Fees</i>	57.8	60.6	60.0	62.1	70.7
<i>Initial Listing Fees</i>	13.1	6.2	7.2	17.9	20.9
<i>Subsequent Listing Fees</i>	44.6	34.4	37.4	38.4	42.7
<i>Other Listing Fees</i>	6.6	8.7	8.6	8.6	9.0
Issuer Services	28.2	23.5	26.5	27.9	33.3
<b>Cash Market</b>	<b>133.9</b>	<b>124.5</b>	<b>114.6</b>	<b>117.3</b>	<b>125.2</b>
<i>Trading</i>	38.7	36.4	32.8	33.1	35.5
<i>Clearing</i>	49.6	45.9	41.6	43.1	47.1
<i>Settlement</i>	45.6	42.2	40.2	41.1	42.6
<b>Derivatives and OTC Markets</b>	<b>172.2</b>	<b>188.7</b>	<b>197.3</b>	<b>207.7</b>	<b>206.2</b>
<i>Futures</i>	141.7	161.0	169.0	185.5	181.6
<i>Equity Options</i>	30.5	27.7	28.3	22.2	24.6
Information Services	70.9	66.9	61.8	68.8	73.7
Technical Services	40.4	45.3	49.8	52.9	57.3
Austraclear	33.8	36.0	38.6	41.1	45.3
Other Revenue	16.1	15.6	15.6	15.6	16.4
<b>Operating Revenues</b>	<b>617.6</b>	<b>610.4</b>	<b>617.4</b>	<b>658.3</b>	<b>700.7</b>

# 1. Income Statement (Continued)

	FY11 \$ Million	FY12 \$ Million	FY13 \$ Million	FY14 \$ Million	FY15 \$ Million
Staff	78.8	82.6	87.2	92.4	96.4
Occupancy	13.6	15.5	13.7	14.3	13.7
Equipment	21.3	21.6	22.4	23.0	24.0
Administration	13.9	13.5	15.6	16.3	17.2
Variable	4.5	3.7	3.8	4.3	5.1
ASIC Supervision Levy	3.4	4.2	3.5	3.3	3.7
<b>Operating Expenses</b>	<b>135.5</b>	<b>141.1</b>	<b>146.2</b>	<b>153.6</b>	<b>160.1</b>
<b>EBITDA</b>	<b>482.1</b>	<b>469.3</b>	<b>471.2</b>	<b>504.7</b>	<b>540.6</b>
Depreciation and Amortisation	23.3	27.6	30.4	33.8	38.6
<b>EBIT</b>	<b>458.8</b>	<b>441.7</b>	<b>440.8</b>	<b>470.9</b>	<b>502.0</b>
Net Interest Income	20.8	20.6	13.1	28.6	26.9
Net Interest on Participants' Balances	16.7	19.9	31.0	31.3	32.3
Dividend Revenue	9.9	9.3	9.4	10.8	12.7
<b>Interest and Dividend Income</b>	<b>47.4</b>	<b>49.8</b>	<b>53.5</b>	<b>70.7</b>	<b>71.9</b>
<b>Underlying Profit Before Tax</b>	<b>506.2</b>	<b>491.5</b>	<b>494.3</b>	<b>541.6</b>	<b>573.9</b>
Income Tax Expense	(149.6)	(145.3)	(146.1)	(158.4)	(170.7)
<b>Underlying Profit After Tax</b>	<b>356.6</b>	<b>346.2</b>	<b>348.2</b>	<b>383.2</b>	<b>403.2</b>
<b>Less Significant Items</b>					
Significant Items	(6.1)	(9.1)	-	-	(7.7)
Income Tax Credit on Significant Items	1.8	2.1	-	-	2.3
<b>Statutory Profit After Tax</b>	<b>352.3</b>	<b>339.2</b>	<b>348.2</b>	<b>383.2</b>	<b>397.8</b>

## 2. Balance Sheet

	30 Jun 11 \$ Million	30 Jun 12 \$ Million	30 Jun 13 \$ Million	30 Jun 14 \$ Million	30 Jun 15 \$ Million
<b>Assets</b>					
Cash and Available-For-Sale Financial Assets	3,318.6	3,696.2	4,496.2	5,015.6	4,879.0
Goodwill	2,262.8	2,262.8	2,317.6	2,317.6	2,317.6
Investments	213.9	162.1	185.6	250.5	376.8
Other Assets	387.2	406.1	369.3	425.1	485.2
<b>Total Assets</b>	<b>6,182.5</b>	<b>6,527.2</b>	<b>7,368.7</b>	<b>8,008.8</b>	<b>8,058.6</b>
<b>Liabilities</b>					
Amounts Owing to Participants (including Commitments)	2,516.4	2,939.6	3,753.1	3,986.1	3,886.2
Borrowings	250.0	250.0	-	-	-
Other Liabilities	395.0	342.6	293.8	351.8	412.7
<b>Total Liabilities</b>	<b>3,161.4</b>	<b>3,532.2</b>	<b>4,046.9</b>	<b>4,337.9</b>	<b>4,298.9</b>
<b>Equity</b>					
Capital	2,483.2	2,483.2	2,746.4	3,027.2	3,027.2
Retained Earnings	368.3	382.3	427.6	480.9	526.3
Reserves	169.6	129.5	147.8	162.8	206.2
<b>Total Equity</b>	<b>3,021.1</b>	<b>2,995.0</b>	<b>3,321.8</b>	<b>3,670.9</b>	<b>3,759.7</b>

# 3. Key Financial Ratios

	FY11	FY12	FY13	FY14	FY15
Basic EPS (including significant items)	198.4c	190.6c	195.5c	198.5c	205.7c
Diluted EPS (including significant items)	198.4c	190.6c	195.5c	198.5c	205.7c
Underlying EPS (excluding significant items)	200.8c	194.6c	195.5c	198.5c	208.4c
Dividend per share – interim	90.2c	92.8c	87.9c	88.2c	92.3c
Dividend per share – final	93.0c	85.1c	82.3c	89.9c	95.1c
Statutory return on equity (including significant items)	12.0%	11.5%	11.5%	10.6%	10.8%
Underlying return on equity	12.1%	11.7%	11.5%	10.6%	10.9%
EBITDA / Operating revenue	78.1%	76.9%	76.3%	76.7%	77.1%
EBIT / Operating revenue	74.3%	72.4%	71.4%	71.5%	71.6%
Total expenses (including depreciation and amortisation) / Operating revenue	25.7%	27.6%	28.6%	28.5%	28.4%
Capital expenditure (\$m)	\$50.2	\$39.1	\$38.9	\$43.2	\$44.4
Net tangible asset backing per share	\$4.01	\$3.85	\$5.04	\$6.53	\$6.97
Net asset backing per share	\$17.25	\$17.10	\$18.05	\$18.96	\$19.42
Shareholders' equity as a % of total assets (excluding participants' balances)	82.4%	83.5%	91.9%	91.3%	90.1%
Shareholders' equity as a % of total assets (including participants' balances)	48.9%	45.9%	45.1%	45.8%	46.7%
Share price at end of period – 30 June	\$29.98	\$29.36	\$33.07	\$35.64	\$39.90
Ordinary shares on issue at end of period	175,136,729	175,136,729	184,066,764	193,595,162	193,595,162
Weighted average number of ordinary shares <sup>1</sup>	177,534,497	177,916,677	178,068,323	193,022,315	193,413,893
Market value of ordinary shares on issue (\$m) – 30 June	\$5,333	\$5,223	\$6,087	\$6,900	\$7,724
Market to book ratio	1.77	1.74	1.83	1.88	2.05
<b>Full-time equivalent permanent staff</b>					
- number at period end	502	505	529	526	515
- average during the period	505	502	515	534	524

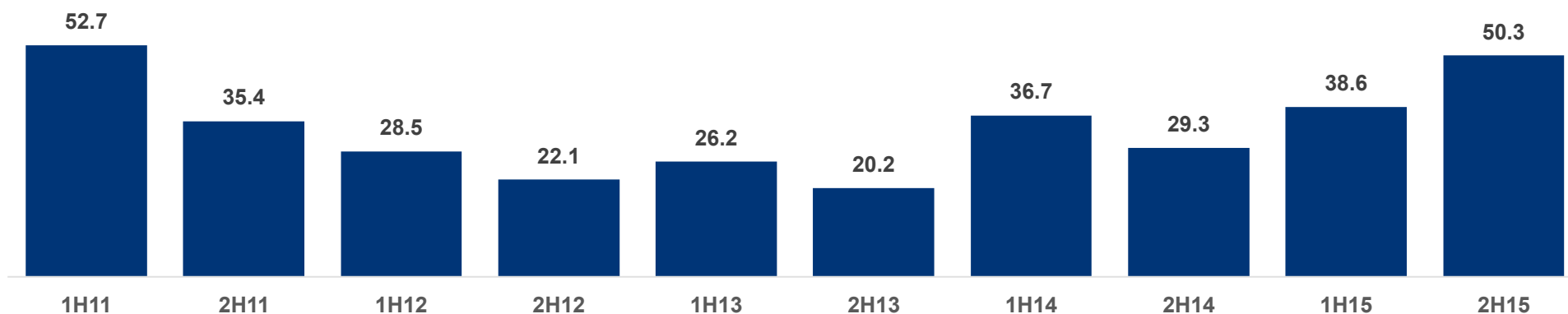
EPS ratios, weighted average number of ordinary shares and share prices for the prior years have been restated for the bonus entitlement of the rights issue completed in July 2013

<sup>1</sup> Weighted average number of ordinary shares used to calculate EPS

## 4.1 Listings and Issuer Services

	FY11	FY12	FY13	FY14	FY15
Total domestic market capitalisation (\$bn) – period end	\$1,349	\$1,186	\$1,347	\$1,552	\$1,612
Total number of listed entities (includes all stapled entities) - period end	2,247	2,211	2,185	2,192	2,220
Number of new listings	160	99	82	107	120
Average annual listing fee	\$26,086	\$27,388	\$27,463	\$28,333	\$31,859
Average initial listing fee	\$81,865	\$63,160	\$87,139	\$166,786	\$174,080
Average fee per \$m of secondary capital	\$759	\$851	\$1,026	\$1,002	\$854
Initial capital raised (\$m)	\$29,387	\$10,187	\$9,908	\$27,659	\$38,916
Secondary capital raised (\$m)	\$33,745	\$32,558	\$32,448	\$33,378	\$38,787
Other secondary capital raised including scrip-for-scrip (\$m)	\$24,947	\$7,850	\$4,027	\$4,985	\$11,170
<b>Total capital raised (including other) (\$m)</b>	<b>\$88,079</b>	<b>\$50,595</b>	<b>\$46,383</b>	<b>\$66,022</b>	<b>\$88,873</b>
Number of new warrant series quoted	2,822	7,113	6,690	4,206	2,903
Total warrant series quoted	2,409	4,743	5,140	3,564	3,050
Number of CHES holding statements issued (m)	14.1	11.1	11.1	11.8	13.1

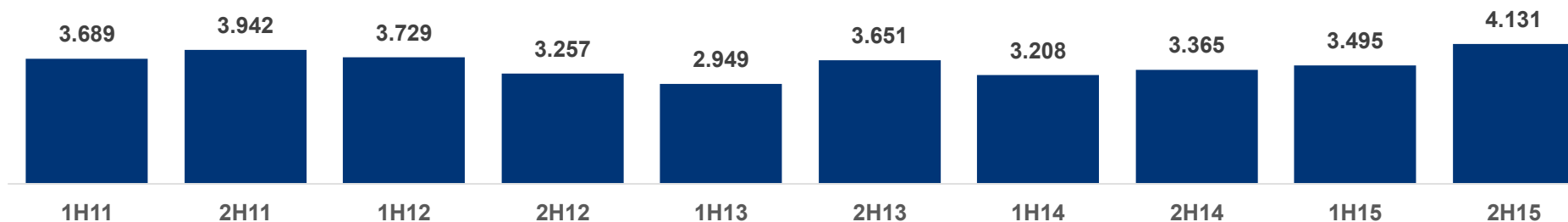
Total capital raised (including other) (\$bn)



## 4.2 Cash Market

	FY11	FY12	FY13	FY14	FY15
Trading days	253	253	252	253	254
Total cash market trades ('000)	144,321	165,806	174,750	181,861	190,647
Average daily cash market trades	570,440	655,359	693,454	718,817	750,578
Open trading (\$bn)	\$803.513	\$717.882	\$645.161	\$612.491	\$698.315
Auctions trading (\$bn)	\$156.315	\$147.213	\$147.418	\$157.338	\$193.292
Centre Point (\$bn)	\$4.700	\$19.789	\$36.953	\$61.135	\$74.933
Trade reporting (\$bn)	\$374.612	\$300.443	\$216.420	\$177.933	\$145.909
<b>Total cash market value (\$bn)</b>	<b>\$1,339.140</b>	<b>\$1,185.327</b>	<b>\$1,045.952</b>	<b>\$1,008.897</b>	<b>\$1,112.449</b>
Average daily on-market value (\$bn)	\$3.812	\$3.498	\$3.292	\$3.284	\$3.805
Average daily value (including trade reporting) (\$bn)	\$5.293	\$4.685	\$4.151	\$3.988	\$4.380
Average trade size (\$)	\$9,279	\$7,149	\$5,985	\$5,548	\$5,835
Total billable value (\$bn)	\$1,300.726	\$1,161.573	\$1,024.227	\$989.760	\$1,092.799
Average cash market trading, clearing and settlement fee per trade	\$0.93	\$0.75	\$0.66	\$0.64	\$0.66
Average fee per \$1,000 of value traded (cents) <sup>1</sup>	10.0	10.5	11.0	11.6	11.3
Average fee per dollar of value (bps)	1.00	1.05	1.10	1.16	1.13
Velocity (total value / average market capitalisation) <sup>2</sup>	97%	97%	86%	78%	82%
Number of dominant settlement messages (m)	16.8	16.1	15.4	15.2	15.7

Average daily on-market value (\$bn)



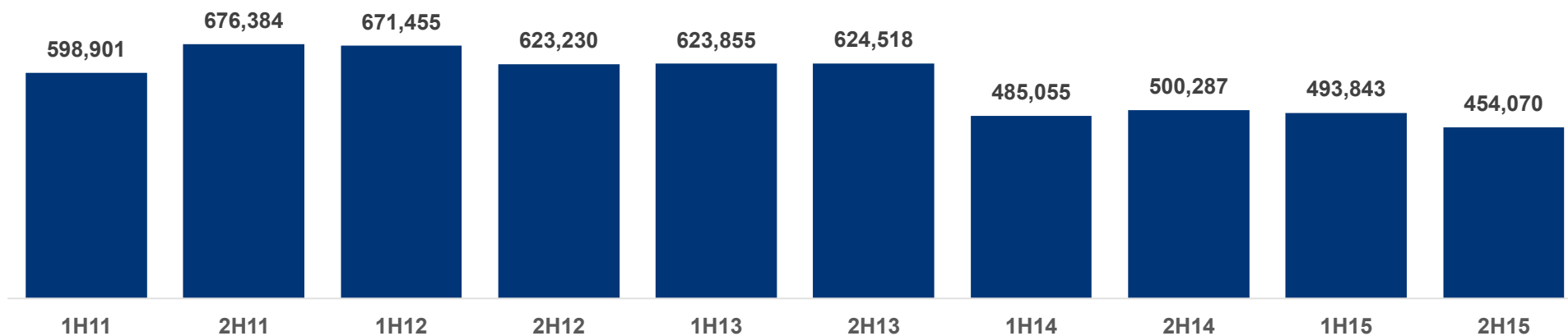
<sup>1</sup> For every \$1,000 of value ASX earns 11.3 cents inclusive of trading, clearing and settlement for both sides of the transaction

<sup>2</sup> Total value transacted on all venues

## 4.3 Equity Options

	FY11 <sup>1</sup>	FY12	FY13	FY14	FY15
Trading days (exchange traded options)	253	253	252	253	254
Equity options ('000)	153,553	151,619	145,531	116,343	109,546
Index options and futures ('000)	7,016	12,125	11,762	8,249	10,958
Grains futures and options on futures ('000) (transferred to ASX 24 platform in Oct 11)	483	154	-	-	-
<b>Total contracts ('000)<sup>1</sup></b>	<b>161,052</b>	<b>163,898</b>	<b>157,293</b>	<b>124,592</b>	<b>120,504</b>
Average daily derivatives contracts <sup>2</sup>	636,570	647,819	624,179	492,460	474,426
Average fee per derivatives contract <sup>2</sup>	\$0.19	\$0.17	\$0.18	\$0.18	\$0.20

Equity options average daily contracts (based on current contract size)



<sup>1</sup> FY11 restated on the current contract size

<sup>2</sup> Size of contracts reduced in May 2011



## 4.4 Futures

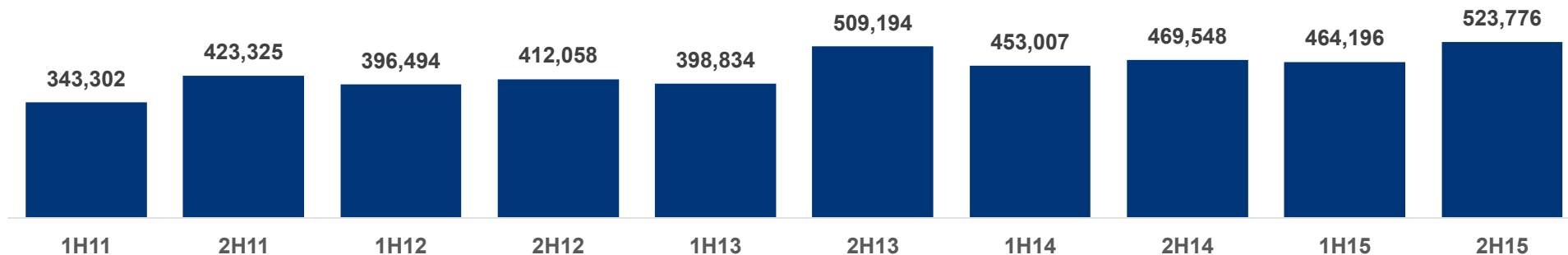
	FY11	FY12	FY13	FY14	FY15
<i>Trading days (futures and options)</i>	256	256	255	256	256
<b>Total contracts - futures ('000)</b>					
ASX SPI 200	10,506	11,811	10,259	9,715	10,301
90 day bank bills	20,729	21,652	25,866	25,903	28,706
3 year bonds	38,832	42,503	47,499	47,886	49,717
10 year bonds	15,230	17,220	21,211	25,520	29,498
30 day interbank cash rate	6,195	5,334	4,780	3,517	3,678
Agricultural	7	288	354	181	135
Electricity	210	183	168	165	224
Other <sup>1</sup>	1	5	19	20	107
NZD 90 day bank bills	1,694	1,597	1,176	1,157	1,394
<b>Total futures</b>	<b>93,404</b>	<b>100,593</b>	<b>111,332</b>	<b>114,064</b>	<b>123,760</b>

<sup>1</sup> Includes VIX and sector indices

## 4.4 Futures (Continued)

	FY11	FY12	FY13	FY14	FY15
<b>Total contracts - options on futures ('000)</b>					
ASX SPI 200	379	477	349	473	454
90 day bank bills	52	25	7	4	-
3 year bonds	562	347	526	416	245
Overnight 3 year bonds	2,039	1,029	1,914	1,523	896
Intra-day 3 year bonds	1,504	978	1,443	1,527	927
Other	28	30	37	47	59
<b>Total options on futures</b>	<b>4,564</b>	<b>2,886</b>	<b>4,276</b>	<b>3,990</b>	<b>2,581</b>
<b>Total futures and options on futures contract volume ('000)</b>	<b>97,968</b>	<b>103,479</b>	<b>115,608</b>	<b>118,054</b>	<b>126,341</b>
Daily average contracts - futures and options	382,688	404,215	453,365	461,148	493,520
Average fee per contract - futures and options	\$1.45	\$1.56	\$1.46	\$1.57	\$1.44
<b>OTC Markets</b>					
Total notional cleared value <sup>1</sup> (\$bn)	-	-	-	\$124.413	\$805.869

Futures and options average daily contracts



<sup>1</sup> Cleared notional value is double-sided

## 4.5 Information and Technical Services

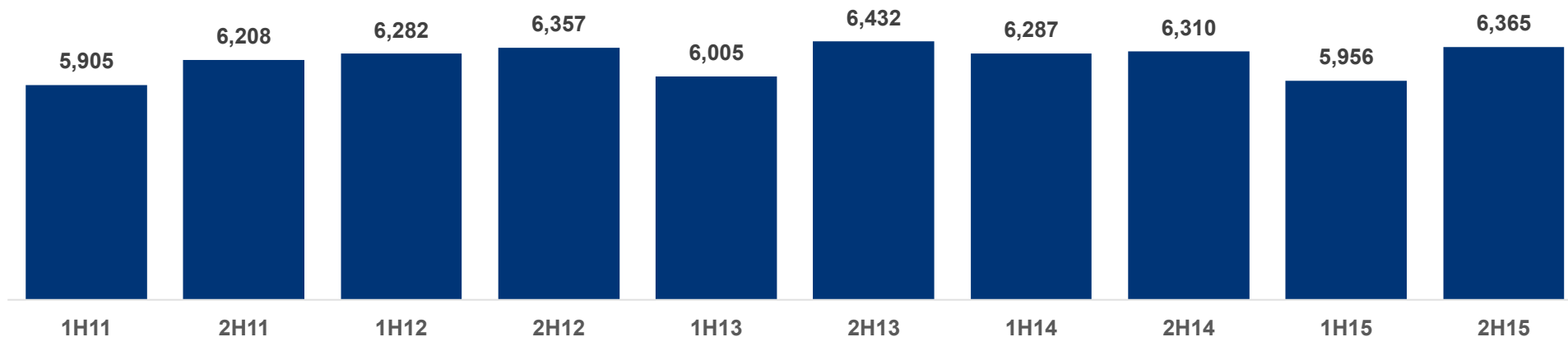
	FY11	FY12	FY13	FY14	FY15
<b>Technical Services (number at period end)</b>					
<b>Liquidity access</b>					
ASX sessions	1,737	1,737	1,526	1,431	1,185
ASX gateways	321	302	248	233	207
ASX liquidity cross connects	71	75	70	61	55
ASX 24 gateways	431	352	272	241	228
ASX ITCH access	N/A	N/A	24	31	31
ASX OUCH access	N/A	N/A	19	31	44
ASX 24 liquidity cross connects	N/A	154	221	297	357
ASX 24 ITCH access	N/A	N/A	16	25	36
<b>Community and connectivity</b>					
ASX Net connections	134	125	140	122	126
ASX Net service feeds	189	270	356	356	358
Australian Liquidity Centre service connections	N/A	110	415	622	679
<b>Application services</b>					
ASX trader workstations / ASX Best terminals	743	609	491	318	277
<b>Hosting</b>					
Australian Liquidity Centre cabinets	N/A	76	117	142	188
Other data centre cabinets	68	8	7	7	8
<b>Information Services</b>					
ASX market data terminals – monthly average <sup>1</sup>	67,580	56,727	49,964	66,701	74,793
ASX 24 market data terminals – monthly average <sup>1</sup>	18,616	19,576	18,829	18,497	17,824

<sup>1</sup> New billing methodology applied from FY14, impacting on the number of terminals recorded

## 4.6 Austraclear

	FY11	FY12	FY13	FY14	FY15
<i>Settlement days</i>	253	253	252	253	254
<b>Transactions ('000)</b>					
Cash transfers	613	616	587	600	602
Fixed interest securities	638	733	763	800	774
Discount securities	237	217	183	162	157
Foreign exchange	31	22	21	21	22
Other	12	11	12	10	9
<b>Total transactions</b>	<b>1,531</b>	<b>1,599</b>	<b>1,566</b>	<b>1,593</b>	<b>1,564</b>
Average daily settlement volume	6,052	6,319	6,214	6,298	6,156
Securities holdings (monthly average \$bn)	\$1,195.4	\$1,292.3	\$1,374.5	\$1,475.5	\$1,671.5
Securities holdings (period end \$bn)	\$1,242.7	\$1,330.9	\$1,406.8	\$1,571.8	\$1,752.5
Average settlement and depository fee (including portfolio holdings) per transaction (excludes registry services revenue)	\$13.15	\$13.54	\$14.01	\$14.18	\$14.88

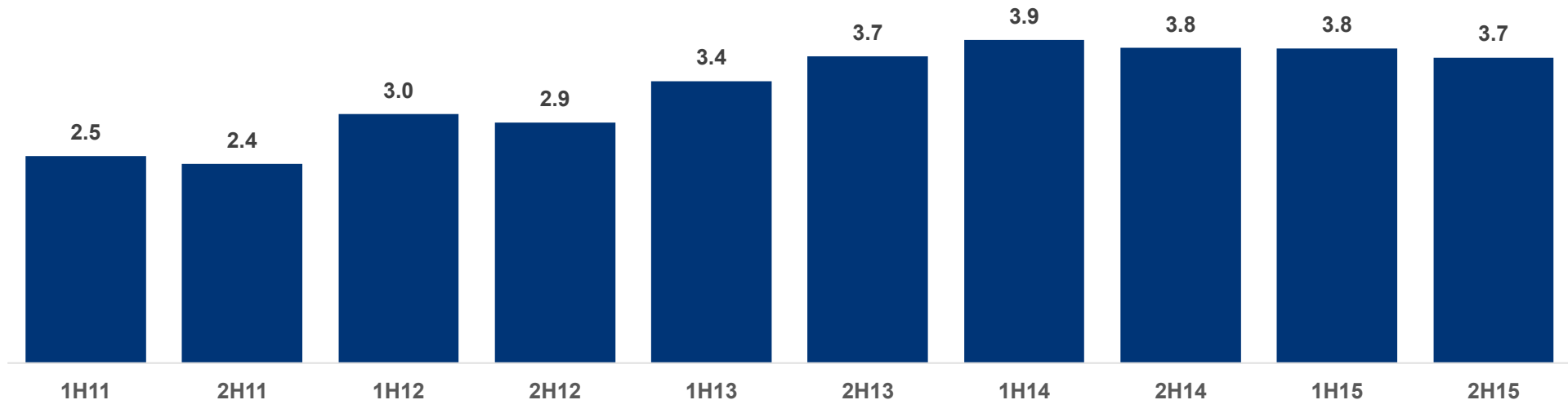
Austraclear average daily settlement volume



# 4.7 CCP Participant Collateral Balances

	FY11 \$ Million	FY12 \$ Million	FY13 \$ Million	FY14 \$ Million	FY15 \$ Million
<b>Balances at period end</b>					
ASX Clear – initial margins	290.6	254.5	561.4	549.8	673.7
ASX Clear (Futures) – initial margins House	495.3	686.6	907.0	849.3	746.0
ASX Clear (Futures) – initial margins Client	1,280.0	1,574.7	1,866.4	2,201.3	2,067.7
ASX Clear (Futures) – additional and excess	368.0	337.7	343.8	185.7	198.8
<b>Total margins held on balance sheet – (excluding commitments)</b>	<b>2,433.9</b>	<b>2,853.5</b>	<b>3,678.6</b>	<b>3,786.1</b>	<b>3,686.2</b>
Average daily margin balance during the period (excluding commitments)					
	2,419.3	2,581.7	3,523.2	3,716.4	3,915.5
ASX Clear – guarantees and equity collateral held off balance sheet					
	4,210.8	3,907.4	3,884.7	4,305.0	3,641.2

Total margins held on balance sheet (\$bn) (at period end)



# 5. Free Cash Flow Summary

	FY11 \$ Million	FY12 \$ Million	FY13 \$ Million	FY14 \$ Million	FY15 \$ Million
<b>ASX Group cash</b>					
Total cash and short-term investments	3,318.6	3,696.1	4,496.2	5,015.6	4,879.0
Less participants' margins and cash commitments	(2,516.4)	(2,939.6)	(3,753.1)	(3,986.1)	(3,886.2)
<b>ASX Group own cash reserves</b>	<b>802.2</b>	<b>756.5</b>	<b>743.1</b>	<b>1,029.5</b>	<b>992.8</b>
<b>Less specific own cash allocations</b>	<b>(558.3)</b>	<b>(558.3)</b>	<b>(558.3)</b>	<b>(768.3)</b>	<b>(768.3)</b>
<b>Available free cash</b>	<b>243.9</b>	<b>198.2</b>	<b>184.8</b>	<b>261.2</b>	<b>224.5</b>
<b>Free cash flow</b>					
<b>Free cash flow at period open</b>	<b>168.3</b>	<b>243.9</b>	<b>198.2</b>	<b>184.8</b>	<b>261.2</b>
Add:					
Cash generated from business activities	381.3	327.6	368.2	422.9	424.1
Cash from dividend reinvestment plans	45.8	-	-	-	-
Cash from increase/(decrease) in borrowings	-	-	(250.0)	-	-
Cash from issue of shares	-	-	261.6	277.9	-
Less:					
Cash used for payment of dividends	(303.6)	(325.2)	(302.9)	(329.9)	(352.4)
Cash used for capital investments	(47.1)	(41.0)	(36.7)	(42.3)	(41.5)
Cash used for employee share plan	(0.8)	-	-	-	-
Increase in inter-Group liquidity commitments	-	-	-	(10.0)	-
Additional equity designated to support the clearing default fund	-	-	-	(200.0)	-
Payments for investments	-	(7.1)	(53.6)	(42.2)	(66.9)
<b>Free cash flow at period end</b>	<b>243.9</b>	<b>198.2</b>	<b>184.8</b>	<b>261.2</b>	<b>224.5</b>

## 6. Capital Supporting Clearing and Settlement

	FY11 \$ Million	FY12 \$ Million	FY13 \$ Million	FY14 \$ Million	FY15 \$ Million
<b>ASX Group shareholders' equity</b>	<b>3,021.1</b>	<b>2,995.0</b>	<b>3,321.8</b>	<b>3,670.9</b>	<b>3,759.7</b>
Capital supporting clearing and settlement entities					
ASX Clear – default fund contributed by ASX (held in ASX Clear)	150.0	150.0	250.0	250.0	250.0
ASX Clear (Futures) – default fund contributed by ASX (held in ASX Clear (Futures))	100.0	100.0	250.0	450.0	450.0
Business risk capital <sup>1</sup> (period end)	234.9	236.8	283.7	297.6	309.5
<b>Total paid in clearing default fund</b>					
ASX Clear	250.0	250.0	250.0	250.0	250.0
ASX Clear (Futures)	370.0	370.0	370.0	650.0	650.0

The increase in the default funds contributed by ASX (from FY13) due to:

- Increased ASX capital contribution replacing previous non-recourse debt facility
- Increase in the size of default fund required to meet higher regulatory standards, 'Cover 2'

<sup>1</sup>Business risk capital comprises the aggregate of each clearing and settlement entity held at Group level

## 7. Cash Market Clearing and Settlement Income Statements

	Cash Market Clearing FY15 \$ Million	Cash Market Clearing FY14 \$ Million	Cash Market Settlement FY15 \$ Million	Cash Market Settlement FY14 \$ Million
Operating Revenues	47.5	43.5	45.1	43.5
Operating Expenses	10.7	10.5	12.5	12.1
<b>EBITDA</b>	<b>36.8</b>	<b>33.0</b>	<b>32.6</b>	<b>31.4</b>
Depreciation and Amortisation	2.1	1.8	0.2	0.2
<b>EBIT</b>	<b>34.7</b>	<b>31.2</b>	<b>32.4</b>	<b>31.2</b>
Interest Income	4.6	5.0	2.7	2.8
<b>Profit Before Tax</b>	<b>39.3</b>	<b>36.2</b>	<b>35.1</b>	<b>34.0</b>
Income Tax Expense	(11.8)	(10.8)	(10.5)	(10.2)
<b>Profit After Tax</b>	<b>27.5</b>	<b>25.4</b>	<b>24.6</b>	<b>23.8</b>
<b>Economic Profit after Capital Charge</b>	<b>5.6</b>	<b>3.7</b>	<b>9.9</b>	<b>9.6</b>
<b>EBITDA Margin</b>	<b>77%</b>	<b>76%</b>	<b>72%</b>	<b>72%</b>
<b>Total Capital</b>	<b>218.1</b>	<b>215.8</b>	<b>140.9</b>	<b>135.8</b>
<b>Return on Equity</b>	<b>12.6%</b>	<b>11.8%</b>	<b>17.5%</b>	<b>17.5%</b>



Globally connected

World class

Internationally competitive

Customer driven



ASX