

16 August 2024

Australian Securities and Investments Commission Mr Benjamin Cohn-Urbach Senior Executive Leader, Market Infrastructure Level 5, 100 Market Street SYDNEY NSW 2000 ASX Market Announcements Office ASX Limited 20 Bridge Street SYDNEY NSW 2000

### **ASX LIMITED – 2024 FULL-YEAR RESULTS PRESENTATION SLIDES**

Attached is a copy of the 2024 Full-Year Financial Results presentation slides.

Release of market announcement authorised by:

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ASX acknowledges the Traditional Owners of Country throughout Australia. We pay our respects to Elders past and present.

Artwork by Lee Ann Hall, My country My People



# Helen Lofthouse, CEO ASX statement on ASIC proceedings

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# FY24 highlights

Record operating revenue offset by expenses, maintaining investment in key focus areas,



# FY24 financial results

Record operating revenue, offset by growth in operating expenses

Portfolio of high quality businesses

### **Focus areas**



Regulatory commitments

Continuing to deliver regulatory responses

Promoting financial system stability



Technology modernisation

Delivering major projects

Sustainable, secure and resilient technology



Business efficiency

Delivered expense management initiatives

Continuing our cost conscious approach



# FY24 financial results summary

### Record revenue despite challenging equity markets, offset by higher expenses

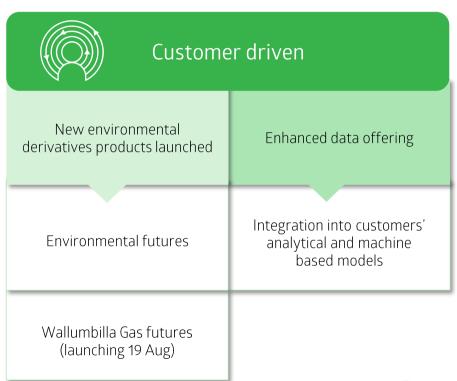
\$m	FY24	FY23	\$ change on pcp <sup>2</sup>	% change on pcp²	Revenue growth in Markets and Technology & Data offset by a lower contribution from Listings and
Operating revenue <sup>1</sup>	1,034.3	1,010.2	24.1	2.4	Securities & Payments.
Total expenses	429.5	374.6	(54.9)	(14.7)	Expense growth driven by an increase in employee
EBIT	604.8	635.6	(30.8)	(4.8)	expenses to support investment in technology initiatives combined with higher equipment and
Net interest income	76.7	70.8	5.9	8.3	administration costs and ASIC Supervision Levy.
Underlying NPAT	474.2	491.1	(16.9)	(3.4)	Net interest income growth driven by the higher interest earned on ASX Group cash.
Significant items (after tax)	_	(173.8)	173.8	100.0	
Statutory NPAT	474.2	317.3	156.9	49.4	Dividend payout ratio of 85% of underlying NPAT, down from 90% in FY23.
Underlying EPS (cents)	244.8	253.7	(8.9)	(3.5)	Underlying return on equity (ROE) down 40bps to
DPS (cents)	208.0	228.3	(20.3)	(8.9)	13.0% from FY23.
Underlying ROE (%)	13.0	13.4	_	(40bps)	2H24 ROE up 70bps to 13.3% compared to 1H24.



# Recent delivery highlights

Significant delivery in technology and customer driven activities

Technology roadmap					
Trading project	CHESS Replacement project				
<b>Cash Market Trading</b> : Service Release 14 rolled out	Appointment of TCS as product partner and Accenture as delivery partner				
<b>Trading Networks</b> : Data centre network upgrade	Completed Release 1 stakeholder consultation Published white paper on potential move to T+1 settlement				







### Financial results

### Solid revenue growth despite challenging markets, offset by higher expenses



\$m	FY24	FY23	FY24 vs FY23
Listings	208.2	218.6	(4.8%)
Markets	315.4	292.4	7.9%
Technology & Data	255.1	240.8	5.9%
Securities & Payments	255.6	258.4	(1.1%)
Operating revenue <sup>1</sup>	1,034.3	1,010.2	2.4%
Total expenses <sup>1</sup>	(429.5)	(374.6)	(14.7%)
EBIT	604.8	635.6	(4.8%)
Net interest income	76.7	70.8	8.3%
Underlying NPAT	474.2	491.1	(3.4%)
Significant items (after tax)	_	(173.8)	100.0%
Statutory NPAT	474.2	317.3	49.4%
EBIT margin	58.5%	62.9%	(440bps)
Underlying earnings per share (EPS) (cents)	244.8	253.7	(3.5%)
Dividends per share (DPS) (cents)	208.0	228.3	(8.9%)
Underlying Return on Equity	13.0%	13.4%	(40bps)
Statutory Return on Equity	13.0%	8.7%	430bps

Revenue growth in Markets and Technology & Data, offset by declines in the Securities & Payments and Listings businesses.

Expense growth driven by increase in employee expenses to support investment in technology modernisation program together with higher administration and equipment costs and ASIC Supervision Levy.

Net interest income increase driven by higher interest earned on ASX Group cash.

Underlying NPAT, ROE and EPS impacted by higher operating expenses, partly offset by revenue growth and increased net interest income.

Underlying ROE down 40bps to 13.0% from FY23.

2H24 underlying ROE up 70bps to 13.3% from 1H24.



# Listings

### Revenue impacted by cyclically low levels of capital markets activity



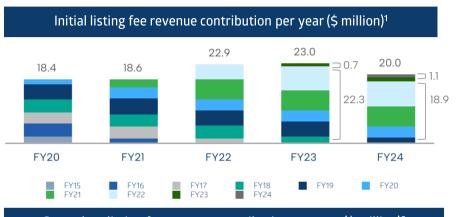
\$m	FY24	FY23	FY24 vs FY23
Revenue	208.2	218.6	(4.8%)
Annual listing	107.2	108.3	(1.0%)
Initial listing <sup>1</sup>	20.0	23.0	(13.0%)
Secondary raisings <sup>2</sup>	72.8	78.3	(7.0%)
Investment products & other listing	8.2	9.0	(8.9%)
Key drivers			
New listed entities (number)	56	57	(1.8%)
Quoted market cap of new listings (\$b)	36.4	2.5	large
Secondary capital raised (\$b)	45.4	49.2	(7.8%)
Quoted market cap of de-listings (\$b)	53.9	37.5	44.0%
Total net new capital quoted (\$b)	27.8	14.3	94.8%

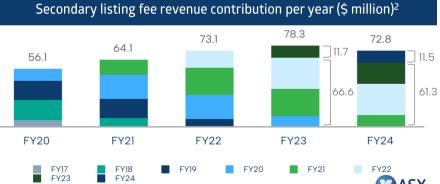


Annual listing revenue primarily impacted by mix of market capitalisation and number of entities

Initial listing and secondary raisings revenue down due to lower capital markets activity compared to prior periods.

Total net new new capital growth primarily driven by dual listings.





<sup>1.</sup> Revenue recognised over five years under AASB 15

<sup>2</sup> Revenue recognised over three years under AASB 15

### Markets



### Growth driven by market volatility from changing interest rate expectations

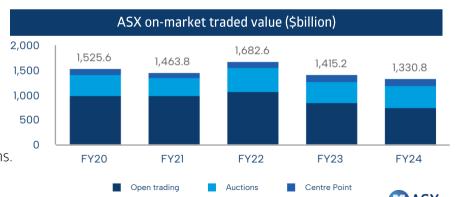
\$m	FY24	FY23	FY24 vs FY23
Revenue	315.4	292.4	7.9%
Futures and OTC	237.9	211.8	12.3%
Cash market trading	60.3	63.3	(4.7%)
Equity options	17.2	17.3	(0.6%)
Key drivers			
Futures and Options on Futures volume (m)	163.5	142.3	14.9%
Single stock options volume (m)	61.6	58.3	5.6%
Total ASX on-market value (\$b)	1,330.8	1,415.2	(6.0%)



Futures and OTC revenue growth due to higher futures volumes driven by increased market volatility and changing interest rate expectations throughout FY24.

Cash market trading down, driven by lower levels of trading activity with average on market daily value down 6%.

Equity options down due to lower trading activity and change in mix between index options, which attract higher fees, and single stock options.



# Technology & Data

# Growth driven by ongoing customer demand for data services

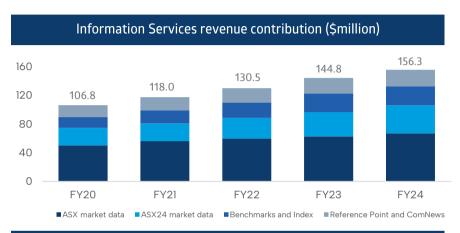


\$m	FY24	FY23	FY24 vs FY23
Revenue	255.1	240.8	5.9%
Information services	156.3	144.8	7.9%
Technical services	98.8	96.0	2.9%
Key drivers (spot)			
ALC cabinets	391	390	0.3%
ALC service connections	1,399	1,346	3.9%



Information services growth driven by higher demand for equities and futures market data.

Technical services driven by growth in customer infrastructure and connections at the ALC





# Securities & Payments

### Impacted by a slowdown in cash market activity offset by Austraclear



\$m	FY24	FY23	FY24 vs FY23
Revenue	255.6	258.4	(1.1%)
Issuer services	58.1	61.1	(4.9%)
Equity post-trade services	129.4	134.8	(4.0%)
Austraclear (including Sympli)	68.1	62.5	9.0%
Key drivers			
Average no. of unique security holdings (m)	20.2	20.7	(2.6%)
On-market value cleared (\$b)	1,410.1	1,495.5	(5.7%)
Austraclear holdings balance (\$b)	3,109.3	3,068.4	1.3%

Issuer services revenue decline driven by lower capital markets activity resulting in a decrease in unique security holdings together with an increased uptake of electronic CHESS holding statements.



Equity post-trade impacted by lower trading activity. Average daily on-market value cleared was 5.7% lower. No revenue share provisions were raised.

Austraclear (excluding Sympli) up 2.1% on pcp driven by higher bond issuances, holdings and increased transactional activity. Losses associated with the investment in Sympli were lower (\$10.8m vs \$14.9m) than the prior year due to revision in operating model in response to future interoperability timetable.







# Total expenses

### Expense growth primarily driven by increase in employee expenses

\$m	FY24	FY23	FY24 vs FY23
Employee expenses	240.5	198.6	(21.1%)
Occupancy	10.9	9.9	(10.1%)
Equipment	57.6	52.6	(9.5%)
Administration	47.3	43.7	(8.2%)
Variable	13.0	12.2	(6.6%)
ASIC supervision levy	14.8	7.4	(100.0%)
Operating expenses excl. regulatory expenses	384.1	324.4	(18.4%)
Regulatory expenses	8.4	13.3	36.8%
Cash operating expenses	392.5	337.7	(16.2%)
Depreciation and amortisation	37.0	36.9	(0.3%)
Total expenses	429.5	374.6	(14.7%)
Headcount (spot) <sup>2</sup>	1,193	1,050	(13.6%)
Capital expenditure	136.3	98.7	(38.1%)

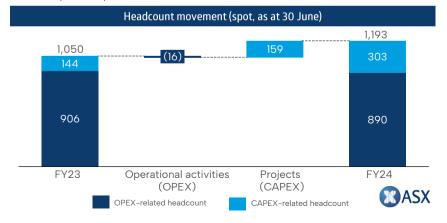
Employee expenses were higher due to increase in average headcount to support regulatory commitments and technology modernisation, combined with costs related to targeted restructure, higher incentives and inflation

Equipment expenses were higher primarily due to additional licensing costs from headcount increase and technology modernisation program.

Administration expenses were higher due to increased investment in risk management and technology modernisation.

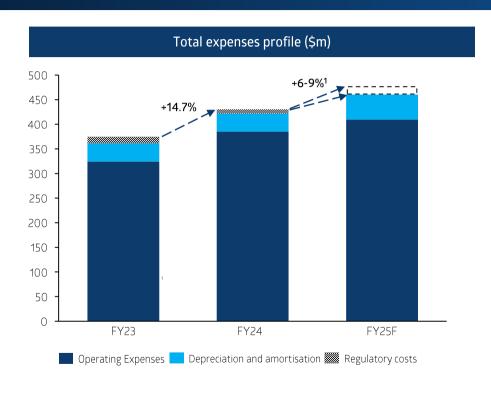
Variable costs were higher from increased postage costs partly offset by an increased uptake of electronic CHESS statements.

Regulatory expenses primarily relate to legal costs and costs associated with audit of special reports



### Total expense growth

### Growth primarily driven by regulatory commitments and technology modernisation





- FY24 total expense growth of 14.7%
  - Lower total expenses in 2H24 compared to 1H24

### Reiterating FY25 total expense growth guidance

- FY25 expense growth guidance of 6% to 9%¹ supporting costs associated with Horizon 1 of the five year strategy
  - Targeted restructure to deliver ~\$11 million reduction in annualised employee expenses
  - Further annualised cost saving of approx. \$5 million primarily due to reduced use of consultants, recruitment process improvements and procurement savings
  - Offset by increase in technology licence and equipment costs and higher depreciation and amortisation
- Expense management focus to continue in FY25:
  - Optimise workforce mix
  - Process simplification and automation
  - Strategic procurement



### ASX net interest income

### Higher earnings due to elevated rates environment offset by higher financing costs

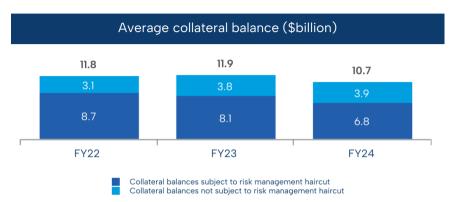
\$m	FY24	FY23	FY24 vs FY23
Interest income on ASX Group cash	54.7	36.8	48.6%
Interest expense - financing	(10.6)	(4.2)	large
Interest expense - leases	(2.4)	(2.6)	7.7%
ASX Group net interest income	41.7	30.0	39.0%
Net interest on collateral balances	35.0	40.8	(14.2%)
Total net interest income	76.7	70.8	8.3%

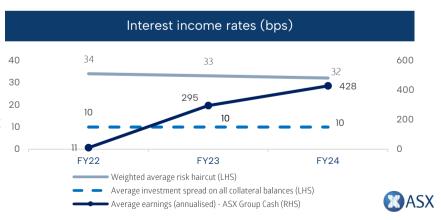
ASX Group net interest income increased due to:

- Higher average cash rate (up 133 bps)
- Average balance of ASX Group cash increased to \$1.3bn.
- Higher financing costs associated with the 3 year corporate bond and liquidity facilities to support ASX Limited and ASX Clear.

Net interest on collateral balances reduced due to:

- Lower average collateral balances subject to a risk management haircut (down 15.7%).
- Average investment spread on lower balances remained at 10 bps (flat to FY23) due to significant excess liquidity in the financial system. May not change for ~6 months but there are early signs of improvement in the market.





### Balance sheet and shareholder returns

Stable balance sheet; 85% dividend payout ratic

Balance sheet (\$m)	30 Jun 24	30 Jun 23
Cash	1,243.1	1,008.6
Financial assets <sup>1</sup>	12,159.4	11,957.5
Intangibles (excluding software)	2,325.5	2,325.5
Capitalised software and property, plant and equipment	294.3	186.0
Investments	51.7	106.4
Right-of-use assets	48.0	47.9
Other assets	764.5	710.8
Total assets	16,886.5	16,342.7
Amounts owing to participants <sup>2</sup>	11,974.6	11,784.7
Lease liabilities	57.9	58.6
Borrowings	276.4	20.0
Other liabilities	852.9	838.8
Total liabilities	13,161.8	12,702.1
Capital	3,046.6	3,027.2
Retained earnings	619.1	557.8
Reserves	59.0	55.6
Total equity	3,724.7	3,640.6
Long-term credit rating from S&P	AA-	AA-

Shareholder returns	FY24	FY23	FY24 VS FY23
Underlying return on equity	13.0%	13.4%	(40bps)
Underlying earnings per share (cents)	244.8	253.7	(3.5%)
Dividend per share (cents)	208.0	228.3	(8.9%)
% underlying net profit paid out	85.0%	90.0%	(5.0%)

### Shareholder returns

Underlying ROE down 40bps on pcp, primarily driven by lower underlying NPAT

Underlying earnings per share (EPS) down 3.5% on pcp

Total dividends of 208.0 cents per share, down 8.9% on pcp, reflecting change in dividend payout ratio

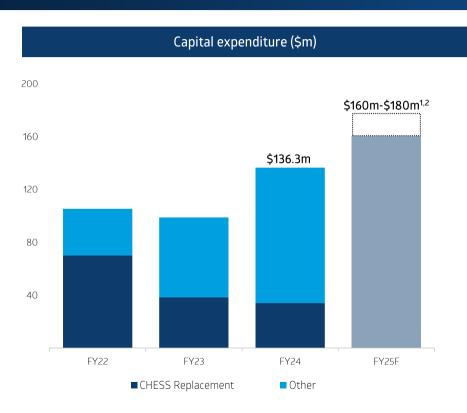
- Interim dividend of 101.2 cents per share
- Final dividend of 106.8 cents per share

A three year, \$275.0 million corporate bond was issued in Feb 2024.



## Capital expenditure profile

### Primarily driven by technology modernisation program



### FY24 capital expenditure

• FY24 capital expenditure of \$136.3 million, primarily driven by ramp-up of major technology projects

### Reiterating FY25-FY27 capital expenditure guidance

- Increase in capital expenditure profile primarily driven by technology modernisation program
- FY25 technology capital expenditure guidance of \$160 to \$180 million<sup>1,2</sup>
  - Elevated range expected for the medium term (FY25F to FY27F) before starting to reduce
- Depreciation and amortisation schedule for capital expenditure on major technology projects expected to average between 7 to 10 years once live





# Strategic pillars

# FY25 strategic priorities

Maintain investment in Great Fundamentals while progressing growth opportunities

# Embedding regulatory

commitments

Continue to embed uplifts from special reports and other regulatory deliverables

### **Great Fundamentals**

# Delivery of technology roadmap

Continue to make progress against roadmap

Ongoing investment in platforms and capability to support delivery

# Business

efficiency

Ongoing expense management initiatives

### **Customer Driven**

# Progressing growth opportunities

New environmental futures products (carbon and gas)

New fixed income data product to be launched







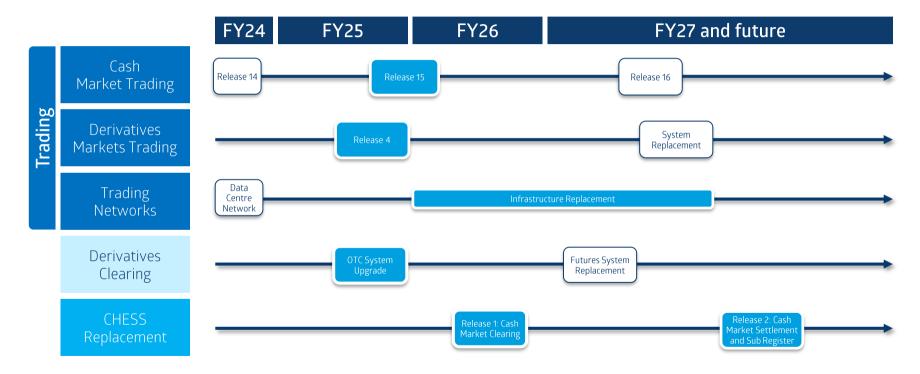


**One ASX** 

People and culture



# Delivery roadmap<sup>1</sup> Major technology projects





# Outlook and guidance

### Outlook

- Increasing interest and activity from companies considering a **listing**
- More stable macroeconomic environment may be supportive of capital market activity despite reduction in net new capital quoted in July
  - Increase of ~\$15 billion in net new capital quoted in 12 months ending July 2024
- Changing interest rate environment driving ongoing growth in interest rate futures volumes, activity moving along curve
- Demand for data continues to grow, working with customers to ensure products meet emerging needs

### Reiterating guidance

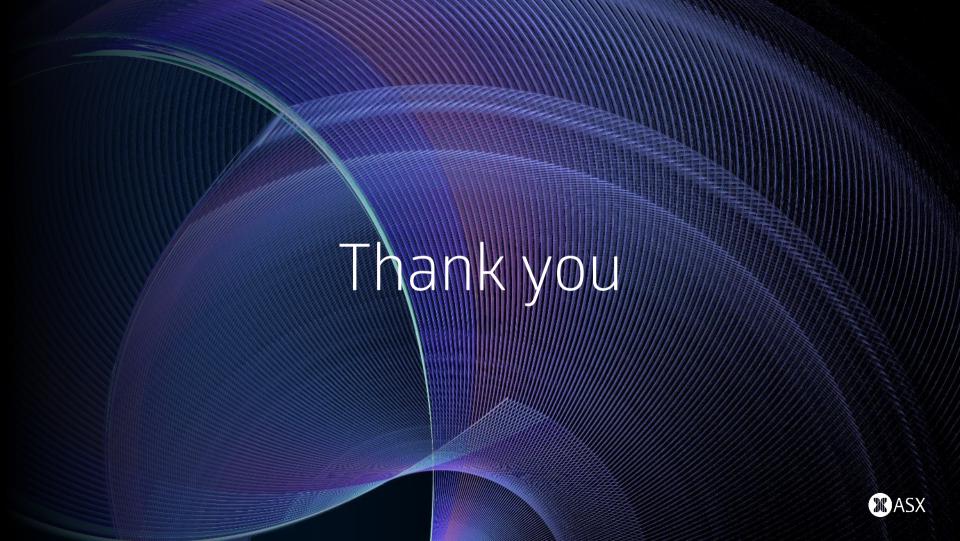
- FY25 total expense growth guidance of 6-9%1
  - FY25 operating expense growth guidance of 4-7%<sup>2</sup>
- FY25 capital expenditure guidance of \$160-180 million<sup>3</sup>
  - Expected to remain at this level until FY27, before starting to reduce
  - Primarily driven by technology modernisation program

### Capital management and key performance metric

- Capital management flexibility currently in place to support capital expenditure profile:
  - Dividend payout ratio range of 80-90% of underlying NPAT
  - \$275 million corporate bond in place
- **Key performance metric**: medium term underlying ROE target range of 13.0-14.5%



Q&A **M**ASX



# Appendices

Financial appendix

ASX background information



# Appendices

1

Financial appendix

2

ASX background information



# 1. Income statement

	FY24	FY23	FY22	FY21	FY20
	\$million	\$million	\$million	\$million	\$million
Annual listing	107.2	108.3	108.8	89.9	92.4
Initial listing	20.0	23.0	22.9	18.6	18.4
Secondary raisings	72.8	78.3	73.1	64.1	56.1
Investment products and other listing	8.2	9.0	9.1	10.3	9.4
Listings	208.2	218.6	213.9	182.9	176.3
Futures and OTC clearing	237.9	211.8	211.8	214.4	242.9
Equity options	17.2	17.3	15.5	11.6	18.5
Cash market trading	60.3	63.3	71.3	61.0	64.2
Markets	315.4	292.4	298.6	287.0	325.6
Information services	156.3	144.8	130.5	118.0	106.8
Technical services	98.8	96.0	91.4	86.0	85.3
Technology and Data	255.1	240.8	221.9	204.0	192.1
Issuer services	58.1	61.1	78.5	75.3	60.8
Cash market clearing	64.5	68.5	76.0	71.0	65.3
Cash market settlement	64.9	66.3	77.1	72.7	62.1
Austraclear (including Sympli)	68.1	62.5	56.7	58.6	56.2
Securities and Payments	255.6	258.4	288.3	277.6	244.4
Operating revenue	1,034.3	1,010.2	1,022.7	951.5	938.4



# 1. Income statement (continued)

	FY24	FY23	FY22	FY21	FY20
	\$million	\$million	\$million	\$million	\$million
Employee expenses	240.5	198.6	171.7	154.3	145.4
Occupancy	10.9	9.9	8.9	9.4	9.7
Equipment	57.6	52.6	47.8	42.5	35.4
Administration <sup>1</sup>	47.3	43.7	31.6	27.9	26.0
Variable	13.0	12.2	15.5	14.2	10.7
ASIC levy	14.8	7.4	7.7	8.5	8.5
Operating expenses excl. regulatory expenses	384.1	324.4	283.2	256.8	235.7
Regulatory expenses	8.4	13.3	_	_	_
Total operating expenses	392.5	337.7	283.2	256.8	235.7
EBITDA	641.8	672.5	739.5	694.7	702.7
Depreciation and amortisation	37.0	36.9	50.3	53.5	50.5
Total expenses	429.5	374.6	333.5	310.3	286.2
EBIT	604.8	635.6	689.2	641.2	652.2
Group net interest income	41.7	30.0	(3.5)	(3.9)	7.6
Net interest on participants' balances	35.0	40.8	44.6	50.6	76.2
Net interest income	76.7	70.8	41.1	46.7	83.8
Underlying profit before tax	681.5	706.4	730.3	687.9	736.0
Income tax expense	(207.3)	(215.3)	(221.8)	(207.0)	(222.2)
Underlying profit after tax	474.2	491.1	508.5	480.9	513.8
Significant items <sup>1</sup>	_	(173.8)	_	_	(15.2)
Statutory profit after tax	474.2	317.3	508.5	480.9	498.6



# 2. Balance sheet

	30 Jun 24 \$million	30 Jun 23 \$million	30 Jun 22 \$million	30 Jun 21 \$million	30 Jun 20 \$million
Assets	ווטוווווויך	Поши	Şillilloli	HIMINIT	TIOIIIIIÇ
Cash	1,243.1	1,008.6	4,972.2	5,357.8	858.1
Financial assets <sup>1,2</sup>	12,159.4	11,957.5	9,484.8	8,024.1	12,998.9
Intangibles (excluding software)	2,325.5	2,325.5	2,325.5	2,325.6	2,325.9
Capital software and property, plant and equipment	294.3	186.0	363.5	299.1	233.0
Investments	51.7	106.4	97.6	87.6	85.6
Right-of-use assets	48.0	47.9	58.3	64.3	74.9
Other assets	764.5	710.8	935.6	438.5	838.4
Total assets	16,886.5	16,342.7	18,237.5	16,597.0	17,414.8
Liabilities					
Amounts owing to participants <sup>2</sup>	11,974.6	11,784.7	13,276.7	12,214.8	12,677.2
Lease liabilities	57.9	58.6	67.6	72.4	81.1
Borrowings	276.4	20.0	_	_	_
Other liabilities	852.9	838.8	1,087.8	573.5	936.1
Total liabilities	13,161.8	12,702.1	14,432.1	12,860.7	13,694.4
Equity					
Capital	3,046.6	3,027.2	3,027.2	3,027.2	3,027.2
Retained earnings	619.1	557.8	697.8	629.9	603.8
Reserves	59.0	55.6	80.4	79.2	89.4
Total equity	3,724.7	3,640.6	3,805.4	3,736.3	3,720.4



<sup>&</sup>lt;sup>1</sup> Financial assets at amortised cost and financial assets at fair value through profit or loss
<sup>2</sup> Financial assets and amounts owing to participants exclude amounts relating to debt security collateral of \$647.9m in FY24 and \$490.6m in FY23 following change in accounting recognition policy. There is no impact to the Group's net assets

# 3. Key financial ratios

	FY24	FY23	FY22	FY21	FY20
Basic earnings per share (EPS) <sup>1</sup>	244.8c	163.9c	262.7c	248.4c	257.6c
Diluted EPS <sup>1</sup>	244.8c	163.9c	262.7c	248.4c	257.6c
Underlying EPS <sup>2</sup>	244.8c	253.7c	262.7c	248.4c	265.4c
Dividend per share – interim	101.2c	116.2c	116.4c	112.4c	116.4c
Dividend per share – final	106.8c	112.1c	120.0c	111.2c	122.5c
Statutory return on equity <sup>3</sup>	13.0 %	8.7 %	13.7 %	13.1 %	13.6 %
Underlying return on equity <sup>4</sup>	13.0 %	13.4 %	13.7 %	13.1 %	14.0 %
EBITDA / Operating revenue <sup>5.6</sup>	62.1 %	66.6 %	72.3 %	73.0 %	74.9 %
EBIT / Operating revenue <sup>5,6</sup>	58.5 %	62.9 %	67.4 %	67.4 %	69.5 %
Total expenses (including depreciation and amortisation) / Operating revenue <sup>5,6</sup>	41.5 %	37.1 %	32.6 %	32.6 %	30.5 %
Capital expenditure (\$m)	\$136.3	\$98.7	\$105.2	\$109.8	\$80.4
Net tangible asset backing per share <sup>7</sup>	\$5.62	\$5.72	\$5.74	\$5.79	\$6.09
Net asset backing per share	\$19.21	\$18.81	\$19.66	\$19.30	\$19.22
Shareholders' equity as a % of total assets (excluding participants' balances)	75.9%	79.9%	76.7%	85.3%	78.5%
Shareholders' equity as a % of total assets (including participants' balances)	22.1 %	22.3 %	20.9 %	22.5 %	21.4 %
Share price at end of period	\$60.00	\$63.00	\$81.71	\$77.71	\$85.38
Ordinary shares on issue at end of period	193,887,876	193,595,162	193,595,162	193,595,162	193,595,162
Weighted average number of ordinary shares (excluding treasury shares) <sup>8</sup>	193,673,190	193,579,896	193,583,153	193,591,795	193,587,739
Market value of ordinary shares on issue at end of period (\$m)	\$11,633	\$12,197	\$15,819	\$15,044	\$16,529
Market to book ratio at end of period	3.12	3.35	4.16	4.03	4.44
Total headcount – number at period end <sup>9</sup>	1,193	1,050	925	848	807
Total headcount – average during the period <sup>9</sup>	1,144	967	876	819	773

<sup>1.</sup> Based on statutory net profit after tax (NPAT) including significant items and weighted average number of shares.



<sup>2.</sup> Based on underlying NPAT excluding significant items and weighted average number of shares.

<sup>3.</sup> Based on statutory NPAT including significant items.

<sup>4.</sup> Based on underlying NPAT excluding significant items.

<sup>5.</sup> Operating revenue excludes total net interest income.

<sup>6.</sup> EBITDA – earnings before interest, tax, depreciation and amortisation; EBIT – earnings before interest and tax.

These metrics along with total expenses exclude significant items.

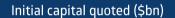
7. Net tangible assets exclude intangible and deferred tax assets. The prior period comparatives were restated to be in line with current reporting

<sup>8.</sup> Weighted average number of ordinary shares used to calculate EPS.

<sup>9.</sup> Includes full time equivalent permanent employees and contractors.

# 4.1 Listings

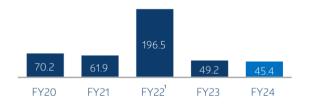
	FY24	FY23	FY22	FY21	FY20
Total market capitalisation (\$bn) – period end	2,857	2,652	2,443	2,658	2,057
Total number of listed entities (includes all stapled entities) – period end	2,155	2,255	2,317	2,228	2,188
Number of new listings	56	57	217	176	83
Average annual listing fee	49,745	48,027	46,962	40,341	42,214
Quoted market capitalisation of new listings (\$m)	36,368	2,513	58,857	40,574	26,964
Secondary capital raised (\$m)	37,312	41,872	54,151	50,561	65,033
Other secondary capital raised including scrip-for-scrip (\$m)	8,065	7,337	142,319	11,359	5,193
Total new capital quoted (\$m)	81,745	51,722	255,327	102,494	97,190

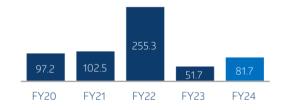


Secondary capital raised (including other) (\$bn)

Total new capital quoted (including other) (\$bn)









# 4.2 Markets: Futures and OTC

	FY24	FY23	FY22	FY21	FY20
Trading days	255	256	256	256	257
Total contracts traded – futures ('000)					
ASX SPI 200	14,936	15,389	14,815	14,425	19,246
90 day bank bills	37,301	30,323	21,235	12,833	24,967
3 year bonds	50,375	43,663	42,618	45,598	58,091
5 year bonds	326	323	913	1,138	_
10 year bonds	54,099	46,576	52,630	65,371	56,772
20 year bonds	339	177	219	201	190
30 day interbank cash rate	2,416	1,924	608	527	5,743
Agricultural	88	85	231	241	95
Electricity	950	1,060	1,001	786	539
Other¹	60	113	138	205	118
NZD 90 day bank bills	2,445	2,435	1,965	2,240	2,354
Total futures	163,335	142,068	136,373	143,565	168,115



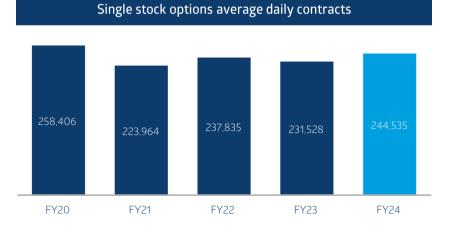
# 4.2 Markets: Futures and OTC (continued)

	FY24	FY23	FY22	FY21	FY20
Total contracts traded – options on futures ('000)					
ASX SPI 200	1	4	9	28	65
3 year bonds	_	_	_	3	177
Overnight 3 year bonds	17	6	5	_	269
Intra-day 3 year bonds	38	72	7	27	508
10 year bonds <sup>1</sup>	1	_	3	61	25
Electricity	110	103	101	116	79
Other <sup>2</sup>	_	_	_	_	2
Total options on futures	167	185	125	235	1,125
Total futures and options on futures contract volume ('000)	163,502	142,253	136,499	143,800	169,240
Daily average contracts – futures and options	641,184	555,674	533,197	561,720	658,522
Average fee per contract – futures and options	\$1.45	\$1.49	\$1.56	\$1.49	\$1.44
OTC Markets					
Total notional cleared value (\$bn) <sup>3</sup>	5,605.798	7,308.498	4,638.597	5,200.102	12,454.307
Open notional cleared value (period end \$bn) <sup>3</sup>	4,088.278	4,544.160	4,265.587	3,101.448	5,098.019
·	•				

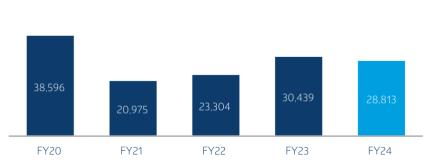


# 4.2 Markets: Equity options

	FY24	FY23	FY22	FY21	FY20
Trading days	252	252	253	254	255
Single stock options ('000)	61,623	58,345	60,172	56,887	65,894
Index options and futures ('000)	7,261	7,671	5,896	5,328	9,842
Single stock options average daily contracts	244,535	231,528	237,835	223,964	258,406
index options average daily contracts	28,813	30,439	23,304	20,975	38,596
Average fee per derivatives contract	\$0.25	\$0.26	\$0.23	\$0.19	\$0.24



#### Index options and futures average daily contracts





# 4.2 Markets: Cash market trading

	FY24	FY23	FY22	FY21	FY20
Trading days	252	252	<i>253</i>	254	255
Total cash market trades ('000)	378,130	369,584	448,276	384,150	460,789
Average daily cash market trades	1,500,516	1,466,603	1,771,841	1,512,400	1,807,015
Continuous trading value (\$bn)	743.433	848.347	1,078.995	994.431	995.319
Auctions value (\$bn)	453.044	428.736	470.200	363.198	409.876
Centre Point value (\$bn)	134.286	138.123	133.365	106.134	120.436
Total cash on-market value (\$bn)	1,330.763	1,415.206	1,682.560	1,463.763	1,525.631
Trade reporting value (\$bn)	271.644	254.839	286.626	217.171	266.053
Total cash market value (\$bn)	1,602.407	1,670.045	1,969.186	1,680.934	1,791.684
Average daily on-market value (\$bn)	5.281	5.616	6.650	5.763	5.983
Average daily value (including Trade reporting) (\$bn)	6.359	6.627	7.783	6.618	7.026
Average trade size (\$)	4,238	4,519	4,393	4,376	3,888
Average trading fee per dollar of value (bps)	0.37	0.38	0.36	0.36	0.36
Velocity (total value / average market capitalisation) <sup>1,2</sup>	71%	77%	88%	86%	101%



<sup>&</sup>lt;sup>1</sup> Total value transacted on all venues

<sup>&</sup>lt;sup>2</sup> The prior period comparatives were restated to be inline with current reporting

# 4.3 Technology & Data: Technical services

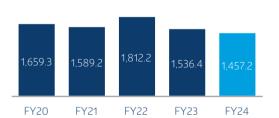
	FY24	FY23	FY22	FY21	FY20
Technical Services (number at period end)					
ASX Distribution Platform					
Australian Liquidity Centre cabinets	391	390	386	368	326
Connection Services					
ASX Net connections	100	99	106	103	103
ASX Net service feeds	431	456	476	452	455
Australian Liquidity Centre service connections	1,399	1,346	1,287	1,170	1,078
ASX Service Access					
ASX ITCH access	73	71	61	56	56
Futures ITCH access	75	74	75	75	71
ASX Market Access					
ASX sessions	494	769	845	832	882
ASX gateways	119	126	133	139	160
ASX liquidity cross-connections	47	52	53	55	55
ASX OUCH access	169	160	119	104	95
Futures gateways	150	161	190	203	245
Futures liquidity cross-connections	409	354	348	349	378



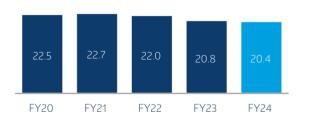
### 4.4 Securities & Payments: Clearing & Settlement and Issuer Services

	FY24	FY23	FY22	FY21	FY20
Clearing days	252	252	253	254	255
Total billable cash market value cleared (\$bn)	1,457.2	1,536.4	1,812.2	1,589.2	1,659.3
Settlement days	252	252	253	254	255
Number of dominant settlement messages (m)  Number of transfers and conversion messages (m)	20.4	20.8	22.0 39.4	22.7 39.0	22.5
Number of batch settlement messages (m)	24.5	23.8	26.1	26.0	25.5
Number of unique security holdings – period end (m)	19.8	20.4	20.6	18.7	16.0
Number of unique security holdings – average (m)	20.2	20.7	20.0	17.7	14.5

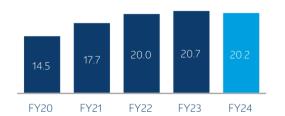




#### No. of dominant settlement messages (m)



### Average no. of unique security holdings (m)





# 4.4 Securities & Payments: Austraclear

	FY24	FY23	FY22	FY21	FY20
Settlement days	252	252	253	254	255
Transactions ('000)					
Cash transfers	575	578	560	565	645
Fixed interest securities	1,599	1,469	1,229	1,100	975
Discount securities	140	134	104	103	131
Foreign exchange	4	12	4	5	6
Other	_	1	_	1	_
Total transactions	2,318	2,194	1,897	1,774	1,757
Average daily settlement volume	9,199	8,705	7,500	6,984	6,889
Securities holdings (monthly average \$bn)	3,094.7	2,788.1	2,800.7	2,573.8	2,142.0
Securities holdings (period end \$bn)	3,109.3	3,068.4	2,915.6	2,667.4	2,358.2
Total spot issuances (\$bn)	2,857.4	2,832.5	2,687.6	2,448.8	2,150.7
Average settlement and depository fee (including portfolio holdings) per transaction (excludes registry services revenue)	\$16.20	\$18.04	\$17.95	\$17.19	\$16.55
ASX Collateral (average \$bn)	20.1	18.8	15.6	18.2	26.9
ASX Collateral (period end \$bn)	20.3	22.6	17.2	4.1	43.4



# 4.5 CCP participant collateral balances

	FY24 Śmillion	FY23 \$million	FY22 \$million	FY21	FY20
	ŞIIIIIIOII	ŞIIIIIIOII	ŞIIIIIIOII	\$million	\$million
Balances at period end					
ASX Clear – initial cash margins	1,012.0	970.5	1,257.7	971.3	1,286.4
ASX Clear (Futures) – initial cash margins House¹	2,245.6	2,085.7	2,044.0	2,255.4	2,361.7
ASX Clear (Futures) – initial cash margins Client¹	5,140.4	5,699.3	5,269.1	6,511.1	6,711.1
ASX Clear (Futures) – additional <sup>2</sup> and excess cash	3,376.6	2,829.2	3,980.3	1,818.3	1,630.5
Cash commitments	200.0	200.0	200.0	200.0	200.0
ASX Clear (Futures)– debt collateral	647.9	490.6	525.6	458.7	487.5
Total margins held	12,622.5	12,275.3	13,276.7	12,214.8	12,677.2
Margin balances subject to risk management haircut	8,524.0	8,859.1	8,671.6	9,660.7	10,440.4
Margin balances not subject to risk management haircut	3,898.5	3,216.2	4,405.1	2,354.1	2,036.8
Total margins held (excluding Commitments)	12,422.5	12,075.3	13,076.1	12,014.8	12,477.2
Average daily margin balance subject to risk management haircut	6,846.4	8,118.1	8,658.5	9,575.8	8,606.3
Average daily margin balance not subject to risk management haircut	3,867.0	3,789.5	3,158.4	2,672.7	2,137.7
Average daily margin balance during the period	10,713.4	11,907.6	11,816.9	12,248.5	10,744.0
ASX Clear – guarantees and equity collateral held off balance sheet	3,172.9	3,187.5	3,056.6	3,443.5	3,191.4
Weighted average risk haircut (including clearing guarantee charge)	32bps	33bps	34bps	32bps	35bps
Average investment spread	10bps	10bps	10bps	13bps	37bps



### 5. ASX Group own cash and short-term investments movement

	FY24 \$million	FY23 \$million	FY22 \$million	FY21 \$million	FY20 \$million
ASX Group cash and short-term investments					
Total cash and short-term investments <sup>1</sup>	13,402.5	12,966.1	14,457.0	13,381.9	13,857.0
Less participants' margins and commitments <sup>1</sup>	(11,974.6)	(11,784.7)	(13,276.7)	(12,214.8)	(12,677.2)
ASX Group own cash reserves and short-terminvestments	1,427.9	1,181.4	1,180.3	1,167.1	1,179.8
Opening ASX Group own cash reserves and short-term investments	1,181.4	1,180.3	1,167.1	1,179.8	1,464.0
Add:					
Cash generated from business activities <sup>2</sup>	489.1	569.6	590.9	577.1	524.2
Cash from sale of equity instruments	_	_	_	_	_
Net proceeds from borrowings	255.0	20.0	_	_	_
Less:					
Cash used for payment of dividends	(390.6)	(457.3)	(440.6)	(454.8)	(696.5)
Cash used for other non-current assets and payment of lease liabilities	(151.8)	(113.0)	(116.0)	(110.9)	(88.3)
Receipts from/(payments for) investments	44.8	(18.2)	(21.1)	(24.1)	(23.6)
Closing ASX Group own cash reserves and short-term investments	1,427.9	1,181.4	1,180.3	1,167.1	1,179.8
Less specific cash allocations	(1,113.0)	(1,096.0)	(1,091.6)	(1,118.9)	(1,099.9)
Available free cash and short-term investments	314.9	85.4	88.7	48.2	79.9
Average earnings rate (annualised) <sup>2</sup>	4.28%	2.95%	0.11%	0.15%	0.97%

<sup>1</sup> Total cash and short term investments and participants' margins and commitments exclude amounts relating to debt security collateral of \$647.9m in FY24 and \$490.6m in FY23 following change in accounting recognition policy. There is no impact to the Group's net assets



<sup>&</sup>lt;sup>2</sup> Average earnings rate is the annualised weighted average earnings rate on ASX's own cash balances.

# Appendices

1 Financial appendix

ASX background information





# ASX portfolio

### High quality businesses



Portfolio of four high quality businesses with diverse revenue streams



Strong position in multiple markets



Strength of business model



Demonstrated by delivery of record revenue in FY24 despite challenging markets.



### Diversified businesses

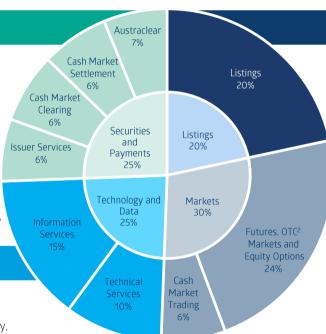
### Delivers revenue¹ across all market cycles

#### Securities & Payments

- Provides central counterparty clearing and settlement services for equities
- Offers settlement, depository and registry services for debt securities
- Facilitates the utilisation of debt securities held in Austraclear as collateral to meet obligations via ASX Collateral
- Issuer Services utilises CHESS technology to track legal title, entitlements and holders details for over 3 million holders and 20 million unique security holdings
- Provides a payment platform for property transactions, high value payments and electricity providers

### Technology & Data

- Information Services offers a range of market data products including pricing and trading data
- Technical Services facilitates market access, connectivity, hosting and co-location services in ASX's data centre, the Australian Liquidity Centre and via global distribution through ASX Net



#### Listings

- Provides an efficient regulated framework for entities to raise capital and source liquidity
- Offers a range of support services to listed entities including education programs, research and insights, investor access and peer group networking
- Efficient distribution facility via quoted exchange traded funds (ETFs) and debt securities

#### Markets

- Provides trading of futures and options on interest rate, equity index, agriculture and energy products and exchange-traded options over individual securities including international ETFs
- Provides cash market trading of equities, warrants, ETFs and debt securities
- Offers clearing of exchange-traded derivatives and over-the-counter interest rate and equity derivatives via ASX Clear (Futures) and ASX Clear



### ASX value chain: creating value across the market lifecycle Strength of business model





### Supported by structural tailwinds

Long term growth drivers



Growing Australian capital base



Increasing demand for technology and data



Net zero transition



### **Importance of public markets:**

Role of an exchange is to support the economy and solve customer challenges.

To deliver price transparency and fair access for all, which facilitates liquidity.

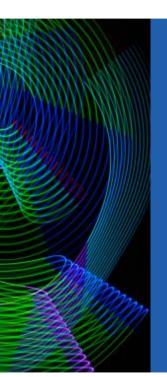
Trusted. Connected. Dynamic.





# Why list on ASX

### We have a compelling value proposition





World's 5th largest pension system<sup>1</sup>



Outsized access to growth capital via secondaries



Half the cost of the US<sup>2</sup>



Earlier index inclusion drives liquidity



Valuation metrics compare favourably



Price transparency and discovery



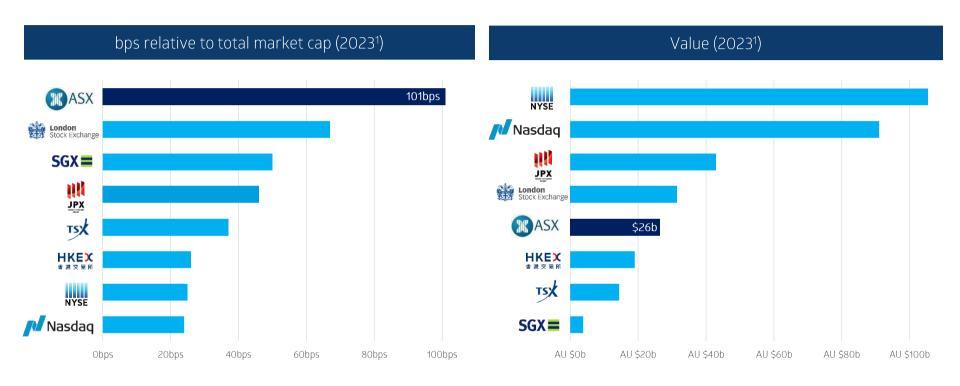
# Net new capital added to ASX in each of the past 7 years \$750 billion gross and \$441 billion of net new capital quoted over past 7 years





# Follow-on offerings show the strength of the ASX market

Performing well compared to peers





# Listings



	Listings				
\ \ <del>\</del>	Initial listings	Annual listings	Secondary raisings	Investment products and other listings	
Activities	A regulated exchange offering a deep and liquid market where entities can list securities with clear listing rules and compliance oversight	A regulated, efficient market for entities seeking ongoing access to capital	A deep, liquid market and efficient regulatory framework for raising secondary capital	Broad distribution via a deep and liquid market to issue products including, bonds, hybrids and warrants	
% of FY24 Group revenue	2%	10%	7%	1%	
Revenue drivers	Number and value of new listings for equity and debt securities including IPOs, dual listings, de-mergers and reverse takeovers	Number and market capitalisation of listed entities	Number and value of secondary capital raisings via placements, rights issues, share purchase plans and scrip- for-scrip issues	Number of new products on-boarded and market capitalisation of existing products	
\$ Fee structure	<ul> <li>Flat fee plus a percentage fee based on the value of securities being quoted on ASX</li> <li>Fee capped at \$1m for Foreign Exempt listings</li> <li>Amortised over 5 years</li> </ul>	<ul> <li>Flat fee plus a percentage fee based on an entity's market capitalisation (capped at the top end)</li> <li>Recognised on a cash basis</li> </ul>	<ul> <li>Flat fee plus a percentage fee based on the value of new securities issued in the secondary capital raising</li> <li>Amortised over 3 years</li> </ul>	Initial product onboarding fee and annual flat fee plus percentage fee based on the product's market capitalisation (funds under management)	



Australia's premier listing venue

# Listings



	Listings				
	Initial listings	Annual listings	Secondary raisings	Investment products and other listings	
Customers	<ul> <li>Private companies seeking to raise capital, ASX-listed companies executing de-mergers, offshore companies seeking a primary or secondary listing venue</li> </ul>	ASX-listed entities	ASX-listed entities	Domestic and global fund managers	
Regulatory framework	The ASX market, on		or quoted, holds a market lice with the Corporations Act	ence which is regulated by	
Competition	<ul><li>Other exchanges</li><li>Private markets</li><li>Debt</li></ul>	Other exchanges     Private markets	• Debt	Managed fund platforms selling directly to retail and institutional investors	



# Listings performance







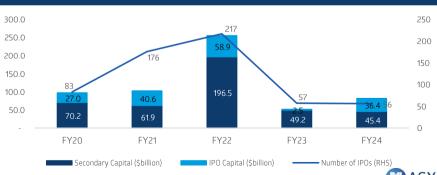
#### Total market capitalisation and number of listed entities



#### FY20 - FY24 revenue (under AASB 15)



#### Total capital quoted (\$bn) and new listings



Markets overview



# Markets Key points



Largest interest rate derivatives market in Asia Pacific; fourth largest globally<sup>1</sup>



Cash market trading: 88% share of onmarket trading in FY24



Centre Point is the largest exchange operated dark pool in Asia Pacific



Equity derivative contracts transacting \$10 billion a day in notional exposure



Near 24 hour trading and clearing for derivatives market



# Markets performance



		Markets	
	Futures and OTC	Cash market trading	Equity options
Activities	<ul> <li>Trading and clearing of derivatives including futures and options on interest rates, equity indices, agricultural and energy products and clearing of OTC Interest Rate Swaps.</li> </ul>	Australia's primary venue for trading cash market securities including equities, warrants, exchange-traded funds and listed debt securities through a range of continuous, dark and auction trade execution services	Trading of single stock and index options, and clearing of both exchange-traded and OTC equity options
% of FY24 Group revenue	23%	6%	1%
Revenue drivers	<ul> <li>Number of contracts traded</li> <li>Number of OTC notional value cleared</li> </ul>	<ul> <li>Value of transactions matched in the ASX execution services</li> <li>Continuous Lit Trading</li> <li>Auctions</li> <li>Centre Point</li> </ul>	Number of contracts traded and cleared
\$ Fee structure	<ul> <li>FUTURES:</li> <li>Flat fee per contract based on asset class</li> <li>Delivery and cash settlement fees for open positions</li> <li>OTC:</li> <li>Novation fee per transaction based on notional value</li> <li>Maintenance fees per transaction for OTC Clearing per month, per open trade</li> </ul>	Variable basis point charge based on execution services utilised and trade value	OPTIONS:  • Fee per contract based on option type (Single Stock Tranches vs Index)  • Fee for options exercise
Market position	<ul> <li>Largest interest rate derivatives market in Asia Pacific and 4th largest globally<sup>1</sup></li> <li>Sole provider for interest rate and equity index futures trading in Australia</li> <li>Clears over 15% of Australia's interbank OTC market in FY24</li> </ul>	• 88% on-market share	Sole Australian provider for equity options clearing      ASX

# Markets performance

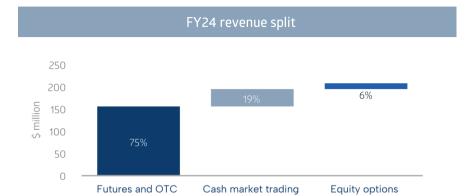


Futures and OTC  okers and traders  aring participants  oks, institutional and corporate end-users with risk	Cash market trading  • Brokers, traders and investors	Equity options
aring participants	Brokers, craacis aria irrescors	Dealers and traders
nagement requirements	<ul> <li>Clearing and settlement participants</li> <li>Network, data and technology service providers</li> <li>Alternate equity, derivative and fixed income venues</li> </ul>	<ul> <li>Brokers and traders</li> <li>Banks and institutional and retail end-users with risk management requirements</li> </ul>
e ASX 24 market holds a market licence which egulated by ASIC in accordance with the porations Act.  X Clear (Futures) holds a clearing and settlement ility licence which is regulated by ASIC in ordance with the Corporations Act. It must also apply with the Financial Stability Standards (FSS) the RBA.	ASX market holds a market licence which is regulated by ASIC in accordance with the Corporations Act.	Equity option are traded on the ASX market under the market licence which is regulated by ASIC in accordance with the Corporations Act.
ernate OTC clearing houses C products eg. Bilateral derivatives	<ul> <li>Alternate 'Approved Market Operators'</li> <li>Off-market crossing systems and block trading</li> </ul>	OTC products eg. Bilateral Derivatives and CFD providers
ort and long-term interest rate futures uity index futures nmodity futures	<ul><li>Continuous lit trading</li><li>Auctions</li><li>Centre Point</li></ul>	<ul><li>S&amp;P/ASX200 options</li><li>Large single stock options</li></ul>
€ - Xii : E (	egulated by ASIC in accordance with the porations Act.  C Clear (Futures) holds a clearing and settlement lity licence which is regulated by ASIC in ordance with the Corporations Act. It must also help with the Financial Stability Standards (FSS) ermined and assessed by the RBA.  Ernate OTC clearing houses C products eg. Bilateral derivatives  art and long-term interest rate futures hity index futures	by ASIC in accordance with the porations Act.  (Clear (Futures) holds a clearing and settlement lity licence which is regulated by ASIC in pordance with the Corporations Act. It must also and assessed by the RBA.  Pernate OTC clearing houses  Exproducts eg. Bilateral derivatives  Off-market crossing systems and block trading  ort and long-term interest rate futures and lity index futures  ity index futures  by ASIC in accordance with the Corporations Act.  corporations Act.  corporations Act.  corporations Act.  corporations Act.  corporations Act.

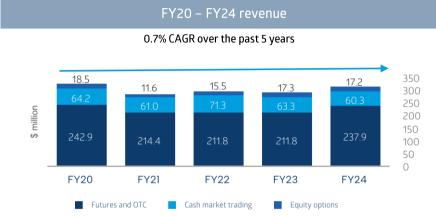


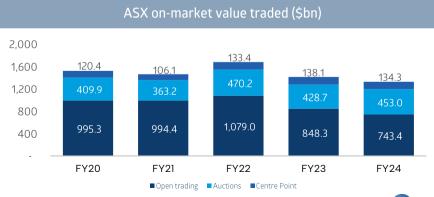
### Markets performance

















Efficient provision of essential infrastructure and services to power the value chain



Delivering essential services including clearing, settlement, payments and asset servicing to a diverse range of customers.

We are focused on safe and robust performance in running key systems like CHESS and Austraclear.

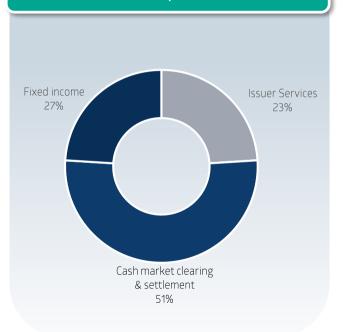


- Approved Market Operators
- Banks
- Share registries
- Clearing and settlement participants
- Listed companies
- Product issuers
- Central banks
- International central securities depositories (CSDs)



- ASX Clear
- ASX Settlement
- Austraclear
- ASX Collateral Management
- CHESS Depositary Nominees Pty Limited

### Revenue split (FY24)







	Securities	& Payments	
\$	Equity post-trade services	Issuer Services	Austraclear
Activities	<ul> <li>Provides clearing and settlement services to the cash equity market through ASX Clear and ASX Settlement, both licensed subsidiaries.</li> <li>ASX Clear promotes financial stability and reduces systemic risk by carrying out activities central to its core purpose of credit intermediation and mitigation</li> <li>ASX Settlement operates a facility that exchanges title or legal ownership for money, and registers the title (ownership) of the securities on its sub-register.</li> </ul>	Services provided to a range of issuers including maintenance of CHESS sub- register and related services	<ul> <li>Provides efficient settlement, depository and registry services for debt securities and cash transactions</li> <li>Provides tri-party collateral management services, allowing customers to optimise their collateral exposures across a range of \$A products through ASX Collateral</li> <li>Provides a payment platform for property transactions, high value payments and electricity providers</li> </ul>
% of FY24 Group revenue	12%	6%	7%
Revenue drivers	<ul> <li>Trading volume, and the number of settlement messages, which can be impacted by the type of trading activity (retail vs. wholesale) and the settling efficiency</li> <li>Value of the equities cleared vs. not cleared (ie crossed/reported)</li> <li>Capital markets activity</li> <li>Corporate action activity</li> <li>Number of shareholders using Holder Identification Numbers (HIN)</li> </ul>	Volume of equity trading activity and subsequent changes in holding balances Capital markets activity Corporate action activity Number of shareholders on HIN	<ul> <li>Size and value of \$A debt issuance</li> <li>Transactional activity</li> <li>Number and value of securities held</li> <li>Liquidity activity</li> <li>ASX Collateral – funds under management</li> </ul>
Fee structure	<ul> <li>Transaction message based fees depending on the type of transaction</li> <li>Ad valorem rate based on the executed trade value, with a cap for crossed trade values</li> </ul>	Subscription model based on the number of shareholders on HIN for each issuer     Additional activity or value based fees, including optional services	<ul> <li>Upfront and annual participation fees</li> <li>Flat fee per transactions</li> <li>Monthly holding fees based on type of securities held and collateral under management</li> </ul>



\$ 0	Securities & Payments		
	Equity post-trade services	Issuer Services	Austraclear
Market position <sup>1</sup>	<ul> <li>\$2.4tn assets held in CHESS</li> <li>~3m active shareholders in CHESS</li> <li>~2,300 issuers</li> </ul>	• At end June 2024 ~20m holdings on HIN	<ul> <li>\$3.1tn debt securities held</li> <li>Settles ~\$88bn transactions daily</li> <li>~1,125 participants</li> <li>\$21bn Collateral under management</li> </ul>
Customers	Listed entities, brokers (retail and wholesale), custodians, banks, investors, share registries	Issuers, corporate advisors, share registries, custodians and brokers	Corporate issuers, federal, state and offshore governments, RBA, banks, custodians, public trusts
Regulatory framework	<ul> <li>ASX Clear holds a clearing and settlement facility licence which is regulated by ASIC in accordance with the Corporations Act. It must also comply with the Financial Stability Standards (FSS) determined and assessed by the RBA.</li> <li>ASX Settlement holds a clearing and settlement facility licence which is regulated by ASIC in accordance with the Corporations Act. It must also comply with the Financial Stability Standards (FSS) determined and assessed by the RBA.</li> </ul>	Issuer Services forms part of the ASX Settlement licence which is regulated by ASIC in accordance with the Corporations Act	Austraclear holds a clearing and settlem facility licence which is regulated by ASII in accordance with the Corporations Act It must also comply with the Financial Stability Standards (FSS) determined and assessed by the RBA.
Competition	Currently sole provider	Sole provider for some services	Currently sole domestic provider

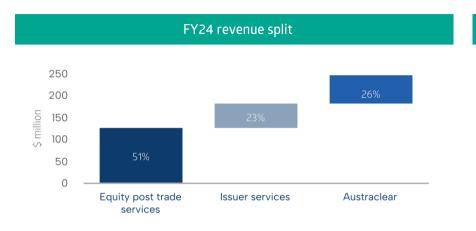


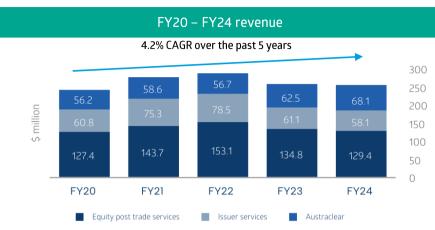
Central counterparty clearing, settlement and sub-register services for equities. Settlement, depository and registry services for debt securities and cash transactions (via Austraclear).

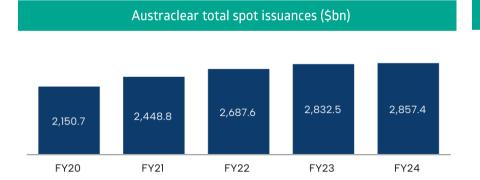


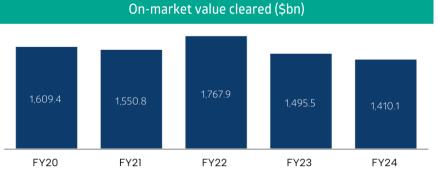
# Securities & Payments performance









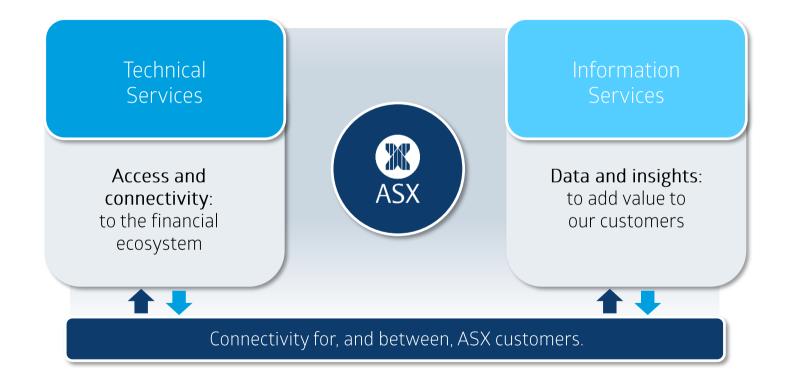






### Role of Technology & Data business

Efficient, secure connectivity and insights for our customers





# Technology and Data



0101010101 0101010101 0101010101	Technology and Data		
	Information Services	Technical Services	
$\boxtimes$	<ul> <li>Provides source of truth data to support price discovery in cash equities, derivatives and debt markets; valuation of assets, indices and benchmarks to support decision making processes across the financial industry.</li> </ul>	<ul> <li>Provides access to all ASX markets and services, and provides highly efficient connectivity to the diverse financial market ecosystem via the Australian Liquidity Centre (ALC) data centre and the ASX Net fibre network.</li> </ul>	
Activities			
% of FY24 Group revenue	15%	10%	
Revenue drivers	<ul> <li>Number of subscribers to data, news and benchmark services</li> <li>Enterprise licences for ASX data</li> <li>Funds under management (FUM) benchmarked to key indices</li> <li>Progressive commercial policy to licence emerging use cases for ASX data</li> <li>Data solutions directly to market participants</li> </ul>	<ul> <li>Number of customers directly accessing ASX markets, products and services</li> <li>Rate of participation in the Australian financial markets, facilitated by the ALC</li> <li>Rate at which ALC and ASX Net customers connect to ASX, and to each other</li> </ul>	
\$ Fee structure	<ul><li>Subscription usage fee</li><li>Access subscription fee</li><li>Usage based fee</li></ul>	<ul> <li>Subscription usage fee</li> <li>Access subscription fee</li> <li>Usage based fee</li> </ul>	
Market position	Provider of ASX source data	Provider of access to ASX markets and services     Provider of Australian financial market connectivity infrastructure	



# Technology and Data





### Technology and Data

#### Information Services

#### Technical Services



Customers

- Professional traders, investors, risk managers and compliance service providers
- Provider of data solutions to trading, clearing and settlement participants
- Structured product providers
- Data vendors
- Corporate treasuries

- · Brokers, traders and investors
- Clearing and settlement participants
- Network, data and technology service providers
- Alternate equity, derivative and fixed income venues



Regulatory framework

Data in relation to BBSW is provided under a benchmark administrator licence regulated by ASIC in accordance with the Corporations Act. ASX market data is provided in accordance with obligations under the ASIC Market Integrity Rules.

Technology and Data services also support other licensees in the Group in meeting their regulatory obligations.



- Alternate exchanges matching ASX listed securities
- Global exchanges
- Alternate product providers CFDs
- Global index providers
- Analytics and news providers

- Alternate global and domestic exchanges
- Alternate domestic data centre providers
- · Telecom network providers
- Cloud providers



Key products and services

- ASX & ASX24 trading / order book information and aggregated market activity
- Reference data / security master file information for instruments traded on and settled by ASX
- ASX listed company disclosures
- Benchmark data e.g. BBSW, index partnership with S&P Dow Jones Indices
- ASX market rules

- ALC infrastructure and connectivity services
- ASX Net infrastructure and connectivity services



# Technology & Data performance



