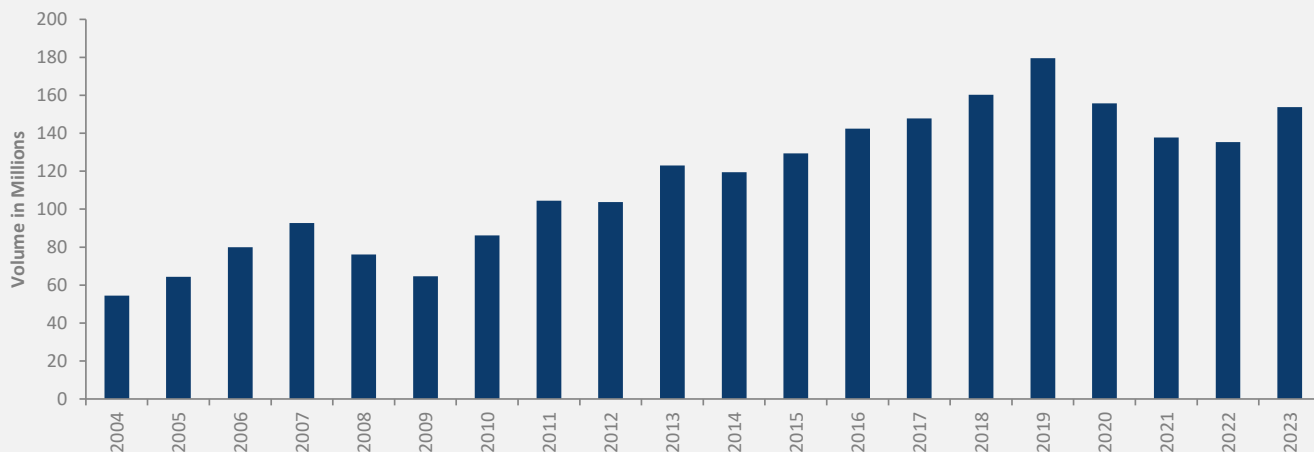


ASX Futures Volumes and Market Dynamics

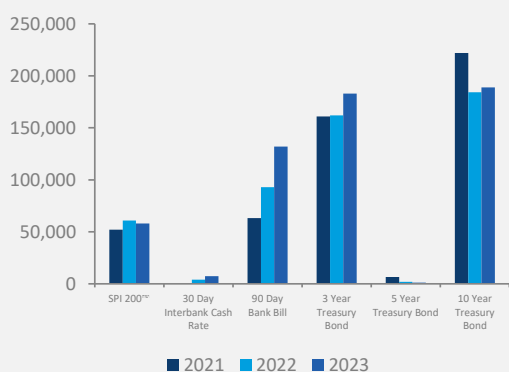
December 2023



ASX Futures Volume in Millions



Average Daily Volume Benchmark Products '21 - '23



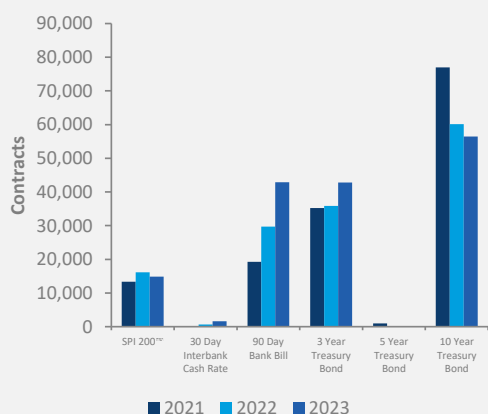
Total Average Daily Volumes (all expiry months)

| | 2021 | 2022 | 2023 | GROWTH 2022-2023 |
|-----------------------|----------------|----------------|----------------|------------------|
| SPI 200™ | 52,037 | 60,977 | 58,040 | -4.8% |
| 30 Day | 504 | 4,035 | 7,483 | 85.5% |
| 90 Day | 63,090 | 92,962 | 131,931 | 41.9% |
| 3 Year | 160,978 | 162,039 | 182,981 | 12.9% |
| 5 Year | 6,547 | 1,811 | 1,208 | -33.3% |
| 10 Year | 221,971 | 184,149 | 188,994 | 2.6% |
| ** Commodities | 4,166 | 4,286 | 3,749 | -12.5% |
| Total Exchange | 517,833 | 519,150 | 631,284 | 21.6% |

** Commodities = Australia/ New Zealand Electricity, Gas and Grains.

Volumes during Euro/US Time Zone by Product

Night Session Volumes



Average Daily Volumes (all expiry months)

| | 2021 | 2022 | 2023 | GROWTH 2022-2023 | |
|-----------------------|--------------|----------------|----------------|------------------|--------------|
| SPI 200™ | Day | 38,726 | 44,866 | 43,210 | -3.7% |
| | Night | 13,311 | 16,112 | 14,830 | -8.0% |
| 30 Day | Day | 377 | 3,368 | 5,843 | 73.5% |
| | Night | 127 | 667 | 1,641 | 145.9% |
| 90 Day | Day | 43,874 | 63,232 | 89,025 | 40.8% |
| | Night | 19,217 | 29,730 | 42,906 | 44.3% |
| 3 Year | Day | 125,737 | 126,177 | 140,159 | 11.1% |
| | Night | 35,240 | 35,862 | 42,822 | 19.4% |
| 5 Year | Day | 5,592 | 1,636 | 1,154 | -29.5% |
| | Night | 955 | 175 | 54 | -69.0% |
| 10 Year | Day | 145,007 | 124,037 | 132,565 | 6.9% |
| | Night | 76,964 | 60,112 | 56,429 | -6.1% |
| Total Exchange | Day | 370,837 | 375,789 | 444,618 | 18.3% |
| | Night | 146,996 | 143,361 | 186,666 | 30.2% |

Product Trading Dynamics over a 24 Hour Period (Q4 2023 Statistics)

| TIME | | | | | TRADED VOLUME BY HOUR | | | | | | AVERAGE BID/OFFER SIZE BY HOUR | | | | | |
|---------|--------|---------|-------|-----------------|-----------------------|----------|----------|--------|--------|---------|--------------------------------|----------|----------|--------|--------|---------|
| Chicago | London | HK/Sing | Tokyo | Aust* (AEDT) | SPI 200™ | 30 Day** | 90 Day** | 3 Year | 5 Year | 10 Year | SPI 200™ | 30 Day** | 90 Day** | 3 Year | 5 Year | 10 Year |
| 7 | 13 | 21 | 22 | 0 | 1,252 | 30 | 1,134 | 4,759 | 11 | 6,341 | 16 | 4,114 | 2,342 | 851 | 58 | 203 |
| 8 | 14 | 22 | 23 | 1 | 1,788 | 42 | 1,066 | 4,511 | 9 | 6,038 | 16 | 4,812 | 2,304 | 882 | 61 | 229 |
| 9 | 15 | 23 | 0 | 2 | 1,433 | 21 | 852 | 3,725 | 3 | 4,468 | 13 | 5,488 | 2,285 | 943 | 14 | 214 |
| 10 | 16 | 0 | 1 | 3 | 978 | 79 | 396 | 2,340 | 1 | 2,990 | 12 | 3,454 | 2,388 | 912 | 11 | 203 |
| 11 | 17 | 1 | 2 | 4 | 632 | 13 | 270 | 1,239 | 0 | 1,587 | 12 | 5,355 | 2,218 | 802 | 7 | 179 |
| 12 | 18 | 2 | 3 | 5 | 586 | 13 | 336 | 1,263 | 2 | 1,548 | 11 | 2,823 | 2,179 | 826 | 8 | 176 |
| 13 | 19 | 3 | 4 | 6 | 687 | 39 | 458 | 1,415 | 3 | 1,640 | 8 | 5,654 | 1,939 | 621 | 8 | 130 |
| 14 | 20 | 4 | 5 | 7 | 471 | 8 | 173 | 479 | 0 | 380 | 11 | 4,249 | 1,579 | 418 | 7 | 74 |
| 15 | 21 | 5 | 6 | 8 | Closed | 81 | 2,049 | 8,774 | 17 | 6,759 | Closed | 6,124 | 1,732 | 733 | 213 | 194 |
| 16 | 22 | 6 | 7 | 9 | 837 | 437 | 3,143 | 10,937 | 83 | 9,210 | 10 | 5,859 | 2,599 | 1,318 | 157 | 395 |
| 17 | 23 | 7 | 8 | 10 | 4,490 | 290 | 3,604 | 16,259 | 36 | 12,350 | 38 | 6,792 | 2,600 | 1,618 | 102 | 550 |
| 18 | 0 | 8 | 9 | 11 | 5,039 | 245 | 4,321 | 19,165 | 261 | 18,560 | 22 | 6,452 | 2,644 | 1,723 | 97 | 529 |
| 19 | 1 | 9 | 10 | 12 | 5,384 | 169 | 2,662 | 14,517 | 241 | 15,926 | 24 | 5,803 | 2,769 | 1,712 | 91 | 637 |
| 20 | 2 | 10 | 11 | 13 | 3,549 | 153 | 1,481 | 12,194 | 104 | 12,327 | 29 | 5,728 | 2,864 | 1,974 | 104 | 686 |
| 21 | 3 | 11 | 12 | 14 | 5,243 | 332 | 2,046 | 13,095 | 58 | 14,577 | 34 | 7,906 | 3,177 | 2,098 | 107 | 754 |
| 22 | 4 | 12 | 13 | 15 | 4,991 | 197 | 2,085 | 13,712 | 117 | 18,702 | 35 | 7,149 | 3,273 | 2,266 | 106 | 759 |
| 23 | 5 | 13 | 14 | 16 | 8,686 | 119 | 1,953 | 16,255 | 338 | 18,720 | 25 | 7,371 | 3,476 | 1,871 | 74 | 495 |
| 0 | 6 | 14 | 15 | 17 | 810 | 29 | 1,208 | 3,874 | 4 | 4,365 | 16 | 5,530 | 2,464 | 1,191 | 42 | 305 |
| 1 | 7 | 15 | 16 | 18 | 980 | 17 | 786 | 4,476 | 4 | 5,046 | 17 | 4,903 | 2,652 | 1,202 | 51 | 285 |
| 2 | 8 | 16 | 17 | 19 | 1,040 | 75 | 1,124 | 4,808 | 5 | 5,804 | 14 | 6,035 | 2,649 | 1,188 | 44 | 293 |
| 3 | 9 | 17 | 18 | 20 | 693 | 40 | 1,071 | 3,818 | 5 | 4,186 | 17 | 5,116 | 2,548 | 1,211 | 54 | 297 |
| 4 | 10 | 18 | 19 | 21 | 582 | 26 | 475 | 3,430 | 5 | 3,168 | 16 | 3,036 | 2,660 | 1,240 | 66 | 274 |
| 5 | 11 | 19 | 20 | 22 | 529 | 68 | 502 | 2,723 | 6 | 3,726 | 17 | 4,488 | 2,672 | 1,127 | 67 | 293 |
| 6 | 12 | 20 | 21 | 23 | 778 | 39 | 1,148 | 4,857 | 8 | 4,784 | 17 | 5,336 | 2,737 | 1,093 | 63 | 243 |

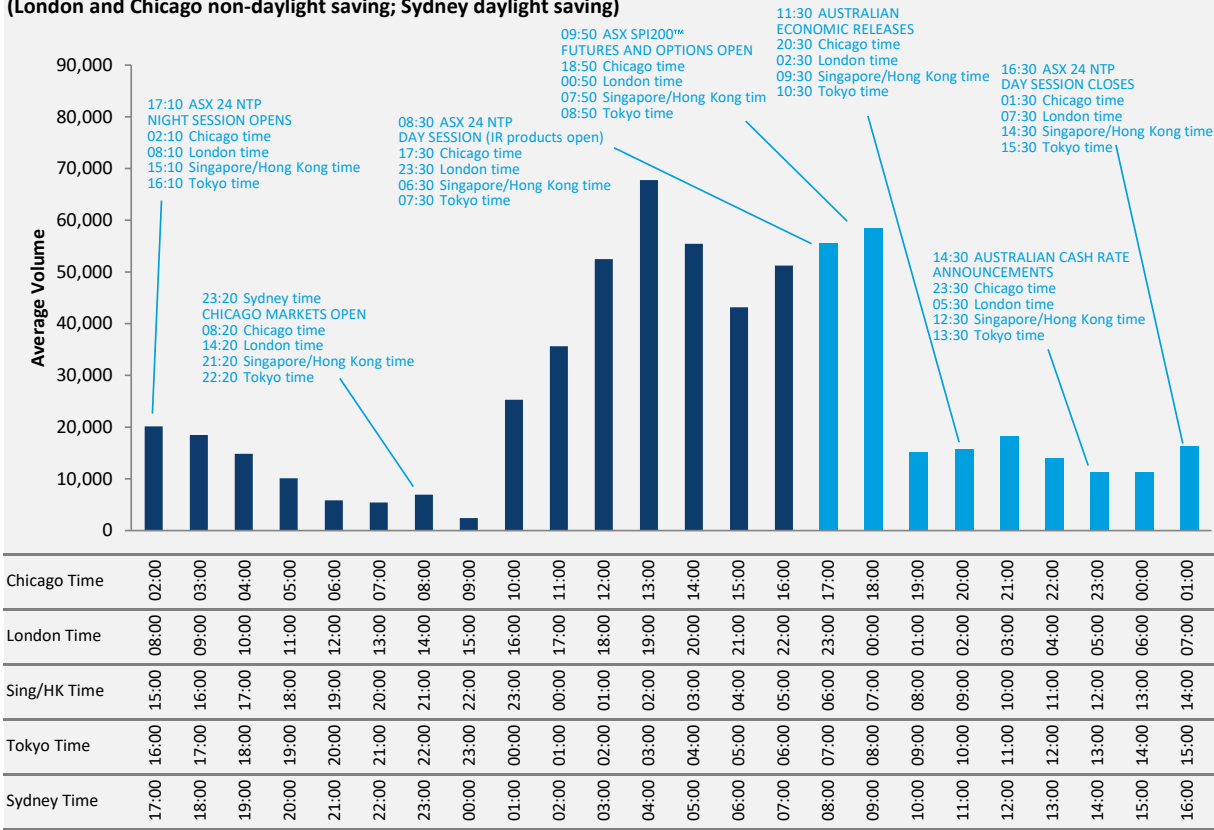
| TIME | | | | | AVERAGE BID/OFFER SPREAD BY HOUR | | | | | | AVERAGE TRADE SIZE BY HOUR | | | | | |
|---------|--------|---------|-------|-----------------|----------------------------------|----------|----------|--------|--------|---------|----------------------------|----------|----------|--------|--------|---------|
| Chicago | London | HK/Sing | Tokyo | Aust* (AEDT) | SPI 200™ | 30 Day** | 90 Day** | 3 Year | 5 Year | 10 Year | SPI 200™ | 30 Day** | 90 Day** | 3 Year | 5 Year | 10 Year |
| 7 | 13 | 21 | 22 | 0 | 1.0 | 0.0 | 1.0 | 0.9 | 1.1 | 0.5 | 1 | 22 | 20 | 17 | 5 | 6 |
| 8 | 14 | 22 | 23 | 1 | 1.0 | 0.0 | 1.0 | 0.9 | 1.1 | 0.4 | 1 | 67 | 23 | 17 | 5 | 6 |
| 9 | 15 | 23 | 0 | 2 | 1.0 | 0.0 | 1.0 | 0.9 | 1.1 | 0.5 | 1 | 43 | 28 | 18 | 4 | 5 |
| 10 | 16 | 0 | 1 | 3 | 1.0 | 0.0 | 1.0 | 0.9 | 1.1 | 0.5 | 1 | 145 | 14 | 18 | 2 | 5 |
| 11 | 17 | 1 | 2 | 4 | 1.0 | 0.0 | 1.0 | 0.9 | 1.2 | 0.5 | 1 | 28 | 27 | 17 | 3 | 6 |
| 12 | 18 | 2 | 3 | 5 | 1.0 | 0.0 | 1.0 | 0.9 | 1.2 | 0.5 | 1 | 20 | 27 | 17 | 21 | 5 |
| 13 | 19 | 3 | 4 | 6 | 1.0 | 0.0 | 1.0 | 0.9 | 1.1 | 0.5 | 1 | 83 | 27 | 20 | 29 | 7 |
| 14 | 20 | 4 | 5 | 7 | 2.0 | 0.0 | 1.0 | 0.7 | 1.2 | 0.5 | 1 | 95 | 31 | 19 | 1 | 8 |
| 15 | 21 | 5 | 6 | 8 | Closed | 0.0 | 1.0 | 0.9 | 1.7 | 0.4 | Closed | 84 | 44 | 84 | 19 | 29 |
| 16 | 22 | 6 | 7 | 9 | 1.0 | 0.0 | 1.0 | 0.9 | 1.3 | 0.4 | 1 | 165 | 44 | 60 | 11 | 18 |
| 17 | 23 | 7 | 8 | 10 | 1.0 | 0.0 | 1.0 | 0.9 | 0.9 | 0.4 | 1 | 114 | 33 | 47 | 6 | 13 |
| 18 | 0 | 8 | 9 | 11 | 1.0 | 0.0 | 1.0 | 0.8 | 0.9 | 0.3 | 1 | 98 | 32 | 35 | 36 | 11 |
| 19 | 1 | 9 | 10 | 12 | 1.0 | 0.0 | 1.0 | 0.9 | 0.8 | 0.4 | 1 | 98 | 25 | 33 | 35 | 12 |
| 20 | 2 | 10 | 11 | 13 | 1.0 | 0.0 | 1.0 | 0.8 | 0.9 | 0.3 | 1 | 73 | 21 | 37 | 27 | 11 |
| 21 | 3 | 11 | 12 | 14 | 1.0 | 0.0 | 1.0 | 0.8 | 0.8 | 0.3 | 2 | 81 | 22 | 36 | 5 | 12 |
| 22 | 4 | 12 | 13 | 15 | 1.0 | 0.0 | 1.0 | 0.8 | 0.8 | 0.3 | 1 | 91 | 28 | 37 | 8 | 16 |
| 23 | 5 | 13 | 14 | 16 | 1.0 | 0.0 | 1.0 | 0.8 | 0.9 | 0.4 | 2 | 83 | 26 | 44 | 41 | 19 |
| 0 | 6 | 14 | 15 | 17 | 1.0 | 0.0 | 1.0 | 0.9 | 1.2 | 0.5 | 1 | 56 | 50 | 28 | 4 | 9 |
| 1 | 7 | 15 | 16 | 18 | 1.0 | 0.0 | 1.0 | 0.9 | 1.2 | 0.5 | 1 | 64 | 34 | 26 | 5 | 8 |
| 2 | 8 | 16 | 17 | 19 | 1.0 | 0.0 | 1.0 | 0.9 | 1.1 | 0.5 | 1 | 30 | 41 | 24 | 5 | 8 |
| 3 | 9 | 17 | 18 | 20 | 1.0 | 0.0 | 1.0 | 0.9 | 1.1 | 0.5 | 1 | 120 | 41 | 25 | 6 | 7 |
| 4 | 10 | 18 | 19 | 21 | 1.0 | 0.0 | 1.0 | 0.9 | 1.1 | 0.4 | 1 | 109 | 34 | 28 | 5 | 7 |
| 5 | 11 | 19 | 20 | 22 | 1.0 | 0.0 | 1.0 | 0.9 | 1.1 | 0.4 | 1 | 68 | 27 | 24 | 5 | 8 |
| 6 | 12 | 20 | 21 | 23 | 1.0 | 0.0 | 1.0 | 0.9 | 1.1 | 0.5 | 1 | 10 | 30 | 23 | 5 | 6 |

* Daylight saving

** Spot monthly only

ASX Futures Average Traded Volume by Hour (Q4 2023 Statistics)

(London and Chicago non-daylight saving; Sydney daylight saving)



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