

Monthly Highlights

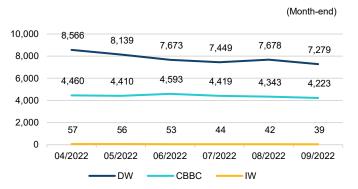
- Structured products recorded Average Daily Turnover (ADT) of \$12.6bn in September, decreased by -1.3% comparing to August. Structured products ADT to cash market this month accounted for 13.6%, decreased against last month's 13.9%.
- As of end of September, the number of listed structured products decreased from 12,063 to 11,541 (-4.3%). The market value of structured products held by investors decreased to \$3.1bn, down -16.9% comparing to August.
- HSI alone took up 58.2% of the market share of the entire SP market turnover, with the top 5 local stocks accounted for another 28.5%. The top 5s are Tencent (#700), Meituan (#3690), Alibaba (#9988), BYD (#1211), and HKEX (#388) in descending ADT order.
- US index CBBCs were listed on 14th September covering the 3 major US indices (NASDAQ 100 Index, Dow Jones Industrial Average Index, and S&P 500 Index). As of the end of September there are 29 US index CBBCs available for trading.
- 2 new issuers have launched MSCI China A50 Connect DWs this month, increasing the total number of participating issuers to 6 with them listing a total of 54 products. For more information on the product please refer to here.

Market Overview

Market turnover share & average daily turnover (ADT)



Number of structured products listed



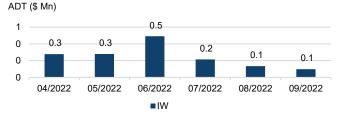
Market value held by investors





Average daily turnover (ADT) by product type





- 1. ADT = Σ (Monthly Total Turnover of SP) / Number of Trading days in a month
- 2. Market T/O Share = Σ (Monthly Total Turnover of SP) / Monthly Total Turnover of Main & GEM boards
- 3. Market Value Held by Investors = Σ (Number of Shares Held by Investors at Month-end x Closing Price of SP at Month-end)

Derivatives Warrants

(Stock Code Range: 10000 - 29999 / 89000 - 89999)

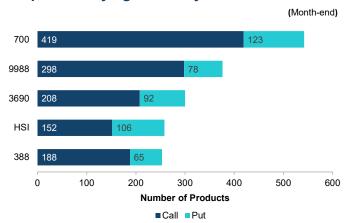
Product distribution by types of underlying

| Underlying | ADT (\$ Mn) | % | Market Value (\$ Mn) | % | No. of Listed Products | % |
|-------------|-------------|-------|----------------------|-------|------------------------|-------|
| Local Stock | 4,318.8 | 65.5% | 1,380.8 | 82.1% | 6,714 | 92.2% |
| Local Index | 2,068.9 | 31.4% | 240.3 | 14.3% | 321 | 4.4% |
| Other | 209.1 | 3.2% | 60.8 | 3.6% | 244 | 3.4% |
| Total | 6,596.9 | 100% | 1,681.9 | 100% | 7,279 | 100% |

Number of newly listed & expired DW

| Company | Comp

Top 5 underlying assets by number of DW



Top 10 underlying assets by ADT

Top 10 DW by monthly turnover

| Rank | Underlying | Call ADT (\$ Mn) | Put ADT (\$ Mn) | ADT (\$ Mn) | % of ADT of Underlying Assets | Rank | Stock Code | Name | Monthly TO (\$ Mn) |
|------|------------|---------------------|--------------------|----------------|-------------------------------------|------|---------------|-----------------|-----------------------|
| 1 | HSI | 1,288.7 | 779.4 | 2,068.1 | N/A | 1 | 12834 | JP-HSI @EP2212D | 3,977.4 |
| 2 | 700 | 1,245.1 | 314.0 | 1,559.1 | 26.4% | 2 | 15702 | UB-HSI @EP2212E | 3,616.7 |
| 3 | 3690 | 689.5 | 181.3 | 870.8 | 30.9% | 3 | 22634 | JP-HSI @EC2302B | 2,696.3 |
| 4 | 9988 | 310.9 | 103.3 | 414.2 | 12.2% | 4 | 22730 | UB-HSI @EC2302B | 2,562.4 |
| 5 | 1211 | 128.3 | 50.4 | 178.7 | 10.7% | 5 | 23357 | CSMTUAN@EC2301B | 1,950.2 |
| 6 | 388 | 110.9 | 41.4 | 152.4 | 14.8% | 6 | 16429 | JP-HSI @EC2301A | 1,886.7 |
| 7 | 1024 | 114.0 | 5.1 | 119.1 | 12.4% | 7 | 22804 | JPTENCT@EC2301D | 1,802.6 |
| 8 | NDX | 31.6 | 76.0 | 107.6 | N/A | 8 | 22789 | GJMTUAN@EC2212C | 1,728.9 |
| 9 | 5 | 65.0 | 17.9 | 82.9 | 8.1% | 9 | 22505 | JPTENCT@EC2301C | 1,683.4 |
| 10 | 941 | 59.1 | 18.2 | 77.3 | 7.1% | 10 | 22376 | GJTENCT@EC2301B | 1,613.9 |

- 1. ADT = Σ (Monthly Total Turnover of DWs) / Number of Trading days in a month
- 2. Market Value = Σ (Number of Shares Held by Investors at Month-end x Closing Price of DWs at Month-end)
- 3. % of ADT of Underlying Assets = ADT of the DWs / ADT of the Underlying Assets



Callable Bull / Bear Contracts

(Stock Code Range: 49500 - 69999)

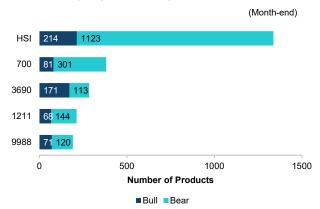
Product distribution by types of underlying

| Underlying | ADT (\$ Mn) | % | Market Value (\$ Mn) | % | No. of Listed Products | % |
|-------------|----------------|-------|----------------------|--------|------------------------|-------|
| Local Stock | 731.6 | 12.1% | 632.1 | 43.3% | 2,752 | 65.2% |
| Local Index | 5,315.2 | 87.8% | 811.1 | 55.6% | 1,442 | 34.1% |
| Other | 5.1 | 0.1% | 15.6 | 1.1% | 29 | 0.7% |
| Total | 6,051.9 | 100% | 1,458.8 | 100.0% | 4,223 | 100% |

Number of newly listed & expired CBBC

(Monthly) Local Stock -1,258 -126 1,122 Local Index -1,088 -67 1,305 Other 0 -100 Other 0 500 1000 1500 Number of Products New Expired MCE

Top 5 underlying assets by number of CBBC



Top 10 underlying assets by ADT

| Rank | Underlying | Bull ADT (\$ Mn) | Bear ADT (\$ Mn) | ADT (\$ Mn) | % of ADT of Underlying Assets |
|------|------------|---------------------|---------------------|----------------|-------------------------------------|
| 1 | HSI | 3,083.3 | 2,210.3 | 5,293.6 | N/A |
| 2 | 9988 | 77.2 | 42.8 | 120.0 | 3.5% |
| 3 | 700 | 66.0 | 46.5 | 112.5 | 1.9% |
| 4 | 1211 | 42.8 | 48.2 | 91.0 | 5.4% |
| 5 | 3690 | 33.9 | 44.2 | 78.2 | 2.8% |
| 6 | 2269 | 33.6 | 24.1 | 57.7 | 3.8% |
| 7 | 388 | 16.7 | 20.2 | 36.9 | 3.6% |
| 8 | 883 | 19.6 | 13.1 | 32.8 | 2.8% |
| 9 | 1024 | 16.7 | 13.8 | 30.5 | 3.2% |
| 10 | 9618 | 14.7 | 11.4 | 26.1 | 1.8% |
| | | | | | |

Top 10 CBBC by monthly turnover

| | | ., | |
|------|---------------|----------------|-----------------------|
| Rank | Stock Code | Name | Monthly TO (\$ Mn) |
| 1 | 58395 | JP#HSI RC2310J | 1,012.0 |
| 2 | 59467 | GJ#HSI RC2412N | 949.5 |
| 3 | 62406 | UB#HSI RC2501Q | 835.5 |
| 4 | 68041 | SG#HSI RP2403C | 757.2 |
| 5 | 69241 | JP#HSI RC2507E | 746.1 |
| 6 | 52822 | JP#HSI RC2411B | 737.5 |
| 7 | 59826 | JP#HSI RC2412Z | 708.7 |
| 8 | 50432 | SG#HSI RC2407G | 706.1 |
| 9 | 64085 | CS#HSI RC2412B | 688.2 |
| 10 | 68346 | CS#HSI RP2212A | 629.9 |

- 1. ADT = Σ (Monthly Total Turnover of CBBCs) / Number of Trading days in a month
- 2. Market Value = Σ (Number of Shares Held by Investors at Month-end x Closing Price of CBBCs at Month-end)
- 3. % of ADT of Underlying Assets = ADT of the CBBCs / ADT of the Underlying Assets
- 4. MCE stands for Mandatory Call Event



Inline Warrants

(Stock Code Range: 47000 - 48999)

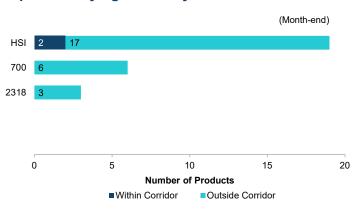
Product distribution by types of underlying

| Underlying | ADT (\$ '000) | % | Market Value (\$ '000) | % | No. of Listed Products | % |
|-------------|------------------|-------|---------------------------|-------|------------------------|-------|
| Local Stock | 18.3 | 18.5% | 468.5 | 18.9% | 20 | 51.3% |
| Local Index | 80.4 | 81.5% | 2,010.4 | 81.1% | 19 | 48.7% |
| Total | 98.7 | 100% | 2,478.9 | 100% | 39 | 100% |

Number of newly listed & expired IW

Local Stock -5 Local Index -6 -5 -4 -3 -2 -1 0 Number of Products New Expired

Top 5 underlying assets by number of IW



Top 10 Underlying Assets by ADT

| Rank | Underlying | ADT (\$ '000) | % of ADT of Underlying Assets |
|------|------------|---------------|-------------------------------------|
| 1 | HSI | 80.4 | N/A |
| 2 | 700 | 16.9 | 0.0% |
| 3 | 3690 | 1.4 | 0.0% |
| 4 | 388 | 0.0 | 0.0% |
| 5 | 2318 | 0.0 | 0.0% |
| 6 | | | |
| 7 | | • | |
| 8 | | | |
| 9 | | • | |
| 10 | | | |

Top 10 IW by Monthly Turnover

| Rank | Stock Code | Name | Monthly TO (\$ '000) |
|------|---------------|-----------------|-------------------------|
| 1 | 48428 | HS-HSI @L 2308A | 500.5 |
| 2 | 48430 | HS-HSI @L 2309B | 362.1 |
| 3 | 47928 | HSTENCT@L 2212A | 355.2 |
| 4 | 48436 | HS-HSI @L 2209C | 186.2 |
| 5 | 48435 | HS-HSI @L 2212C | 173.8 |
| 6 | 47961 | HS-HSI @L 2305A | 132.0 |
| 7 | 47618 | HS-HSI @L 2211A | 74.4 |
| 8 | 48427 | HS-HSI @L 2311A | 72.6 |
| 9 | 47622 | HS-HSI @L 2212B | 62.3 |
| 10 | 47790 | HS-HSI @L 2304A | 39.8 |

- 1. ADT = Σ (Monthly Total Turnover of IWs) / Number of Trading days in a month
- 2. Market Value = Σ (Number of Shares Held by Investors at Month-end x Closing Price of IWs at Month-end)
- 3. % of ADT of Underlying Assets = ADT of the IWs / ADT of the Underlying Assets
- 4. "Within Corridor" is defined as the price of underlying stays at or within the upper and lower strike prices of Inline Warrant (IW) at month-end while "Outside Corridor" is defined as the price of underlying is above the upper strike price or below the lower strike price of IW at month-end.



Note

- 1. Financial figures are expressed in Hong Kong dollars.
- 2. Due to rounding, numbers presented in this document may not add up precisely to the totals provided.
- 3. More <u>Trading Information and Historical Data</u> for Structured Products are available on HKEX Website.

 For subscription of structured products market data, please visit <u>Historical Data Services</u> for further details.
- 4. For information on individual product, please refer to issuers' websites.
- BI BOCI
- BP BNP Paribas
- CS Credit Suisse
- CT Citigroup
- DS DBS
- EA Bank of East Asia
- GJ Guotai Junan
- GS Goldman Sachs
- HS HSBC
- HT Haitong
- JP JP Morgan
- MB Macquarie Bank
- MS Morgan Stanley
- SG Societe Generale
- UB UBS
- VT Bank Vontobel

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