Structured Products Perspective

December 2024



- Structured products recorded Average Daily Turnover (ADT) of \$11.0 bn in December, decreased by 27.8% comparing to November. Structured products ADT to cash market this month accounted for 7.7%, decreased against last month's 9.4%.
- As of end of December, the number of listed structured products decreased from 9,426 to 8,888 (-5.7%). The market value of structured products held by investors increased to \$4.0 bn, up 1.1% MoM.
- HSI alone took up 75% of the market share of the entire structured products market turnover, with the top 5 local stocks accounted for another 17.9%. The top 5s are Tencent (#700), Meituan (#3690), Alibaba (#9988), HKEX (#388), and Xiaomi (#1810), and in descending ADT order.
- Midea Group (#300), which was listed on 17 September 2024 on HKEX, was added to the eligible underlying list of DW on 16 December 2024. Since this inclusion, 5 DWs over Midea have been issued.

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



Note

- 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 = $\Sigma(Number of Shares Held by Investors at Month-end x Closing Price of SP at Month-end)$

Overseas Underlying

Average Daily Turnover (ADT) \$47.1mn

% of total SP market ADT 0.43%

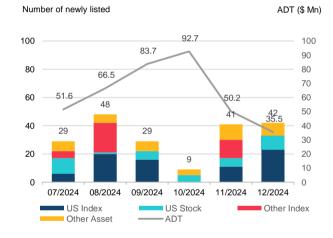
Number of newly listed products 59

(Stock Code Range: DW 10000 - 10999 / CBBC 49500-49999)

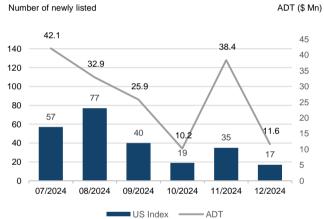
Product distribution by types of underlying

| Underlying | ADT (\$mn) | % | Market Value (\$mn) | % | No. of Listed Products | % |
|-------------|---------------|--------|------------------------|--------|------------------------|--------|
| US Stock | 2.4 | 5.1% | 8.7 | 13.0% | 44 | 13.7% |
| US Index | 31.0 | 65.8% | 38.8 | 57.8% | 189 | 58.9% |
| Other Stock | 0.0 | 0.0% | 0.0 | 0.0% | 0 | 0.0% |
| Other Index | 12.1 | 25.7% | 7.9 | 11.8% | 35 | 10.9% |
| Other Asset | 1.6 | 3.4% | 11.7 | 17.4% | 53 | 16.5% |
| Total | 47.1 | 100.0% | 67.1 | 100.0% | 321 | 100.0% |

DW average daily turnover (ADT) & number of newly listed



CBBC average daily turnover (ADT) & number of newly listed



Top 5 DW Underlying Assets by ADT

| Rank | Underlying | ADT (\$mn) | % of ADT of Structured Products |
|------|------------|------------|---------------------------------------|
| 1 | NIK | 12.1 | 0.1% |
| 2 | NDX | 9.9 | 0.1% |
| 3 | DJI | 9.3 | 0.1% |
| 4 | TSLA | 1.2 | 0.0% |
| 5 | YEH | 0.9 | 0.0% |

Top 5 CBBC Underlying Assets by ADT

| Rank | Underlying | ADT (\$mn) | % of ADT of Structured Products |
|------|------------|------------|---------------------------------------|
| 1 | NDX | 6.0 | 0.1% |
| 2 | DJI | 5.3 | 0.0% |
| 3 | SPX | 0.3 | 0.0% |
| 4 | | | |
| 5 | | | |

Note

- 1. ADT = Σ (Monthly Total Turnover of overseas underlyng SP) / Number of Trading days in a month
- $2. \ Market \ Value = \Sigma (Number of \ Shares \ Held \ by \ Investors \ at \ Month-end) \ x \ Closing \ Price \ of \ overseas \ underlying \ SP \ at \ Month-end)$
- 3. % of ADT of Structured Products = ADT of the Overseas underlying SP / ADT of total SP
- 4. Other asset class include: FX and Commodities (Oil Futures Contract, Gold)

Derivative Warrants

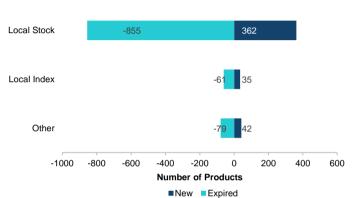
(Stock Code Range: 10000 - 29999 / 89000 - 89999)

Product distribution by types of underlying

| Underlying | ADT (\$ Mn) | % | Market Value (\$ Mn) | % | No. of Listed Products | % |
|-------------|-------------|-------|----------------------|-------|------------------------|-------|
| Local Stock | 2,424.6 | 51.4% | 1,795.9 | 88.8% | 4,217 | 90.3% |
| Local Index | 2,253.6 | 47.8% | 184.0 | 9.1% | 251 | 5.4% |
| Other | 35.5 | 0.8% | 41.9 | 2.1% | 201 | 4.3% |
| Total | 4,713.7 | 100% | 2,021.8 | 100% | 4,669 | 100% |

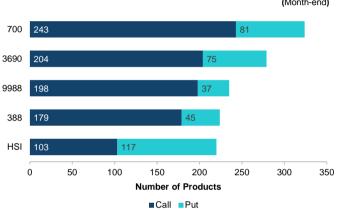
Number of newly listed & expired DW

(Monthly)



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 | 1,113.3 | 1,138.4 | 2,251.6 | N/A | 1 | 27726 | UB-HSI @EP2503E | 3,842.2 |
| 2 | 700 | 569.5 | 86.5 | 656.0 | 8.3% | 2 | 27590 | JP-HSI @EP2503D | 3,712.7 |
| 3 | 3690 | 420.1 | 69.9 | 490.0 | 8.2% | 3 | 27897 | JP-HSI @EC2504B | 3,378.4 |
| 4 | 9988 | 263.8 | 32.3 | 296.1 | 5.8% | 4 | 27591 | JP-HSI @EP2503E | 3,221.4 |
| 5 | 388 | 223.7 | 36.5 | 260.3 | 17.3% | 5 | 27899 | JP-HSI @EC2504C | 2,985.8 |
| 6 | 1810 | 69.7 | 14.2 | 83.9 | 1.9% | 6 | 28607 | UB-HSI @EC2509A | 2,628.2 |
| 7 | 1211 | 50.1 | 12.5 | 62.6 | 4.7% | 7 | 27728 | UB-HSI @EP2503F | 2,451.9 |
| 8 | 2318 | 46.7 | 7.1 | 53.8 | 3.4% | 8 | 28611 | UB-HSI @EC2504G | 2,382.8 |
| 9 | 1024 | 24.5 | 5.3 | 29.8 | 1.7% | 9 | 27916 | JP-HSI @EP2504A | 2,362.7 |
| 10 | 1299 | 22.0 | 7.4 | 29.4 | 1.7% | 10 | 27851 | UB-HSI @EC2504A | 2,263.5 |
| | | | | | | | | | |

- 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

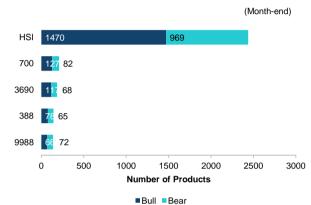
| Underlying | ADT (\$ Mn) | % | Market Value (\$ Mn) | % | No. of Listed Products | % |
|-------------|----------------|-------|----------------------|--------|------------------------|-------|
| Local Stock | 265.8 | 4.2% | 825.6 | 40.9% | 1,569 | 37.2% |
| Local Index | 5,992.1 | 95.6% | 1,166.2 | 57.8% | 2,530 | 60.0% |
| Other | 11.6 | 0.2% | 25.3 | 1.3% | 120 | 2.8% |
| Total | 6,269.5 | 100% | 2,017.1 | 100.0% | 4,219 | 100% |

Number of newly listed & expired CBBC

(Monthly) Local Stock -299 -180 374 Local Index -1,149 -13 1,320 Other -1916 -1500 -1000 -500 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 | 3,219.3 | 2,769.1 | 5,988.4 | N/A |
| 2 | 700 | 46.6 | 13.5 | 60.1 | 0.8% |
| 3 | 9988 | 33.0 | 9.1 | 42.1 | 0.8% |
| 4 | 3690 | 29.2 | 11.2 | 40.4 | 0.7% |
| 5 | 1810 | 23.4 | 2.5 | 25.9 | 0.6% |
| 6 | 388 | 13.3 | 4.2 | 17.5 | 1.2% |
| 7 | 9961 | 9.2 | 3.9 | 13.1 | 1.2% |
| 8 | 981 | 8.9 | 1.5 | 10.5 | 0.4% |
| 9 | 1211 | 6.2 | 1.8 | 8.0 | 0.6% |
| 10 | 9618 | 5.8 | 1.0 | 6.8 | 0.4% |
| | | | | | |

Top 10 CBBC by monthly turnover

| Rank | Stock Code | Name | Monthly TO (\$ Mn) |
|------|---------------|----------------|-----------------------|
| 1 | 62353 | JP#HSI RC27094 | 1,603.6 |
| 2 | 61989 | JP#HSI RC27098 | 1,557.2 |
| 3 | 60614 | JP#HSI RP2712O | 1,271.9 |
| 4 | 62752 | JP#HSI RC2711I | 1,265.4 |
| 5 | 62686 | CI#HSI RC2809O | 1,201.5 |
| 6 | 62368 | MS#HSI RC2712I | 1,157.2 |
| 7 | 61189 | JP#HSI RP27103 | 1,026.6 |
| 8 | 62220 | MS#HSI RC2711L | 927.6 |
| 9 | 63227 | JP#HSI RC2711L | 921.1 |
| 10 | 62137 | JP#HSI RC2711Y | 919.0 |

Note

- 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

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 Historical Data Services for further details.
- 4. For information on individual product, please refer to issuers' websites.
- BI BOCI
- BP BNP Paribas
- CI CITIC
- CS Credit Suisse
- CT Citigroup
- DS DBS
- EA Bank of East Asia
- GJ Guotai Junan
- GS Goldman Sachs
- HS HSBC
- HT Haitong
- HU Huatai
- JP JP Morgan
- KS Korea Investment & Securities Asia
- MB Macquarie Bank
- MS Morgan Stanley
- SG Societe Generale
- UB UBS
- VT Bank Vontobel

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