

SwapsInfo First Half of 2024 and the Second Quarter of 2024 Review

The ISDA SwapsInfo Quarterly Review provides analysis of interest rate derivatives (IRD) and credit derivatives trading. The report provides a detailed breakdown of cleared and non-cleared activity, trading on and off swap execution facilities (SEFs), and product taxonomy and currency information.

Notional and trade count data for IRD and credit derivatives is obtained from the Depository Trust & Clearing Corporation (DTCC) swap data repository (SDR) and security-based swap data repository (SBSDR). It is available on the ISDA SwapsInfo website (swapsinfo.org).

This report covers IRD and index credit derivatives transactions disclosed to the DTCC SDR under US Commodity Futures Trading Commission (CFTC) regulations. Security-based credit derivatives analysis includes security-based transactions reported to the DTCC SBSDR and ICE Trade Vault under US Securities and Exchange Commission (SEC) regulations.

CONTENTS

Key Highlights for the First Half of 2024 and the Second Quarter of 2024.....	03
Interest Rate Derivatives	03
Index Credit Derivatives Reported Under CFTC Regulations	05
Security-based Credit Derivatives Reported Under SEC Regulations...	07
Interest Rate Derivatives.....	09
IRD Product Taxonomy	10
IRD Average Daily Traded Notional, Trade Count and Trade Size ...	13
IRD Central Clearing	13
IRD Trading Venue	14
IRD by Currency	15
Index Credit Derivatives Reported Under CFTC Regulations	18
Index Credit Derivatives Product Taxonomy.....	19
Index Credit Derivatives Average Daily Traded Notional, Trade Count and Trade Size	21
Index Credit Derivatives Central Clearing.....	21
Index Credit Derivatives Trading Venue.....	22
Index Credit Derivatives by Currency.....	23
Security-based Credit Derivatives Reported Under SEC Regulations	25
Security-based Credit Derivatives Product Taxonomy	26
Security-based Credit Derivatives Central Clearing.....	28

KEY HIGHLIGHTS FOR THE FIRST HALF OF 2024 AND THE SECOND QUARTER OF 2024

Interest Rate Derivatives¹

In the first half of 2024:

- IRD traded notional rose by 9.5% to \$197.8 trillion in the first half of 2024 from \$180.6 trillion in the first half of 2023. Trade count grew by 10.9% to 1.5 million from 1.4 million over the same period.
 - Overnight index swaps (OIS) traded notional rose by 15.1% to \$123.7 trillion in the first half of 2024 from \$107.5 trillion in the first half of 2023.
 - Single currency fixed-for-floating interest rate swaps (IRS) traded notional increased by 31.2% to \$37.0 trillion from \$28.2 trillion.
 - Forward rate agreement (FRA) traded notional fell by 44.9% to \$11.8 trillion from \$21.5 trillion.
- OIS accounted for 62.5% of total IRD traded notional and 47.5% of total trade count. Single currency fixed-for-floating IRS and FRAs represented 18.7% and 6.0% of total IRD traded notional and 35.6% and 2.1% of total trade count, respectively.
- Cleared IRD transactions made up 74.0% of total IRD traded notional and 76.8% of trade count. 84.1% of fixed-for-floating IRS, 80.2% of FRA, 84.0% of OIS and 7.3% of other IRD traded notional was cleared.
- IRD transactions executed on SEFs accounted for 58.2% of total IRD traded notional and 72.3% of trade count. 55.7% of fixed-for-floating IRS, 83.5% of FRA, 58.5% of OIS and 48.7% of other IRD traded notional was executed on SEFs.

¹ This data only includes interest rate derivatives (IRD) transactions reported to the Depository Trust & Clearing Corporation (DTCC) swap data repository (SDR) under US Commodity Futures Trading Commission (CFTC) regulations. Changes to the DTCC SDR data reporting fields occurred due to the second phase of changes to the CFTC's swap data reporting rules, which went live on January 27, 2024. This included implementation of the new Part 45 unique product identifier (UPI) rules and adoption of the UPI. The UPI product classification differs from the previous DTCC taxonomy

- IRD contracts denominated in US dollars comprised 34.8% of total IRD traded notional and 32.1% of total trade count. Euro-denominated transactions accounted for 33.7% of total traded notional and 22.4% of trade count. Sterling-denominated transactions represented 10.9% and 6.8% of total IRD traded notional and trade count, respectively.
- US-dollar-denominated OIS, fixed-for-floating IRS and FRA traded notional declined by 0.7%, 43.6% and 99.3%, respectively. Euro-denominated OIS and IRS traded notional grew by 28.9% and 70.8%, while euro-denominated FRA traded notional fell by 46.0%. Sterling-denominated OIS traded notional rose by 18.4%.

In the second quarter of 2024:

- IRD traded notional increased by 27.8% to \$97.0 trillion in the second quarter of 2024 from \$75.8 trillion in the second quarter of 2023. Trade count rose by 24.4% to 753.9 thousand from 605.9 thousand over the same period.
 - OIS traded notional grew by 26.1% to \$59.5 trillion in the second quarter of 2024 from \$47.2 trillion in the second quarter of 2023.
 - Single currency fixed-for-floating IRS traded notional rose by 65.2% to \$18.7 trillion from \$11.3 trillion.
 - FRA traded notional declined by 20.8% to \$5.6 trillion from \$7.1 trillion.
- OIS represented 61.4% of total IRD traded notional and 47.3% of trade count. Single currency fixed-for-floating IRS and FRAs represented 19.3% and 5.8% of total IRD traded notional and 35.3% and 2.1% of total trade count, respectively.
- Cleared IRD transactions equaled 72.9% of total IRD traded notional and 76.0% of trade count. 83.5% of fixed-for-floating IRS, 78.2% of FRA, 83.7% of OIS and 6.9% of other IRD traded notional was cleared.
- IRD transactions executed on SEFs comprised of 59.2% of total IRD traded notional and 71.5% of trade count. 55.3% of fixed-for-floating IRS, 86.0% of FRA, 60.3% of OIS and 48.5% of other IRD traded notional was executed on SEFs.

- IRD contracts denominated in US dollars represented 32.5% of total IRD traded notional and 31.8% of trade count. Euro-denominated transactions accounted for 32.2% of total traded notional and 20.8% of trade count. Sterling-denominated transactions comprised 12.4% and 6.7% of total IRD traded notional and trade count, respectively.
- US-dollar-denominated OIS and fixed-for-floating IRS traded notional grew by 0.3% and 14.9%, respectively, while US-dollar-denominated FRA traded notional fell by 99.2%. Euro-denominated OIS and IRS traded notional increased by 38.1% and 83.2%, respectively, while euro-denominated FRAs dropped by 22.0%. Sterling-denominated OIS traded notional rose by 48.1%.

Index Credit Derivatives Reported Under CFTC Regulations²

In the first half of 2024:

- Index credit derivatives traded notional declined by 2.3% to \$5.8 trillion in the first half of 2024 from \$5.9 trillion in the first half of 2023. Trade count fell by 11.5% to 160.6 thousand from 181.4 thousand over the same period.
- CDX HY traded notional dropped by 16.4% to \$823.8 billion from \$985.2 billion, CDX IG traded notional fell by 9.1% to \$1.9 trillion from \$2.1 trillion and iTraxx Europe traded notional declined by 2.1% to \$1.3 trillion from \$1.4 trillion.
- CDX HY and CDX IG represented 14.3% and 33.6% of total index credit derivatives traded notional and 25.9% and 23.7% of total trade count, respectively. iTraxx Europe accounted for 23.0% of total index credit derivatives traded notional and 17.8% of trade count.
- Cleared index credit derivatives transactions comprised 82.6% of total index credit derivatives traded notional and 87.8% of trade count. 99.3% of CDX HY, 99.4% of CDX IG, 96.6% of iTraxx Europe and 43.9% of other credit derivatives traded notional was cleared.

² Index credit derivatives mostly comprise credit default swap (CDS) indices, but also include CDS index tranches, credit swaptions, exotic products, total return swaps and an insignificant amount of single-name CDS. This data only includes transactions reported to the DTCC SDR under US CFTC regulations. Credit derivatives reported to the DTCC security-based swap data repository (SBSDR) under US Securities and Exchange Commission (SEC) regulations are not included in this data

- SEF-traded index credit derivatives accounted for 81.8% of total index credit derivatives traded notional and 86.8% of trade count. 97.4% of CDX HY, 97.8% of CDX IG, 95.4% of iTraxx Europe and 44.7% of other credit derivatives traded notional was executed on SEFs.
- Index credit derivatives contracts denominated in US dollars comprised 60.9% of total index credit derivatives traded notional and 62.1% of trade count. Euro-denominated transactions accounted for 39.0% and 37.8% of traded notional and trade count, respectively.

In the second quarter of 2024:

- Index credit derivatives traded notional increased by 27.3% to \$2.8 trillion in the second quarter of 2024 from \$2.2 trillion in the second quarter of 2023. Trade count rose by 7.1% to 79.5 thousand from 74.2 thousand over the same period.
- CDX HY traded notional rose by 7.0% to \$416.2 billion from \$389.0 billion, CDX IG traded notional grew by 12.9% to \$934.4 billion from \$827.7 billion and iTraxx Europe traded notional increased by 44.5% to \$667.7 billion from \$462.0 billion.
- CDX HY and CDX IG comprised 14.7% and 33.1% of traded notional and 26.4% and 23.4% of total trade count, respectively. iTraxx Europe accounted for 23.7% of total credit derivatives traded notional and 18.3% of total trade count.
- Cleared index credit derivatives transactions accounted for 82.5% of total index credit derivatives traded notional and 88.4% of trade count. 99.5% of CDX HY, 99.6% of CDX IG, 97.3% of iTraxx Europe and 41.6% of other credit derivatives traded notional was cleared.
- SEF-traded index credit derivatives comprised 81.7% of total index credit derivatives traded notional and 87.2% of trade count. 97.3% of CDX HY, 98.3% of CDX IG, 95.3% of iTraxx Europe and 43.3% of other credit derivatives traded notional was executed on SEFs.
- Index credit derivatives contracts denominated in US dollars made up 60.4% of total index credit derivatives traded notional and 61.7% of total trade count. Euro-denominated transactions accounted for 39.6% and 38.2% of total traded notional and trade count, respectively.

Security-based Credit Derivatives Reported Under SEC Regulations

In the first half of 2024:

- Security-based credit derivatives traded notional dropped by 14.5% to \$349.7 billion in the first half of 2024 from \$409.0 billion in the first half of 2023. Trade count fell by 17.4% to 111.9 thousand from 135.5 thousand over the same period^{3,4}.
- Corporate single-name credit default swaps (CDS) traded notional declined by 18.2% to \$257.4 billion from \$314.5 billion and sovereign single-name CDS traded notional fell by 9.8% to \$69.3 billion from \$76.8 billion.
- Corporate single-name CDS traded notional accounted for 73.6% of total security-based credit derivatives traded notional, while sovereign single-name CDS represented 19.8%. Corporate and sovereign single-name CDS comprised 74.6% and 16.0% of total trade count, respectively. Other security-based credit derivatives traded notional made up 6.6% of total security-based credit derivatives traded notional and 9.5% of total trade count.
- Cleared security-based credit derivatives transactions comprised 51.8% of total security-based credit derivatives traded notional and 50.4% of total trade count. 57.1% of corporate single-name CDS and 48.8% of sovereign single-name CDS traded notional was cleared.

³ Security-based credit derivatives mostly comprise single-name CDS, but also include total return swaps, index, exotic, index tranche, swaptions and other single-name swaps (eg, asset-backed, loan and municipal security-based swaps)

⁴ This data includes security-based credit derivatives transactions reported to the DTCC SBSDR and ICE Trade Vault beginning February 2022 under US SEC regulations. It does not include any transactions that are required to be reported to the DTCC SDR under US CFTC regulations

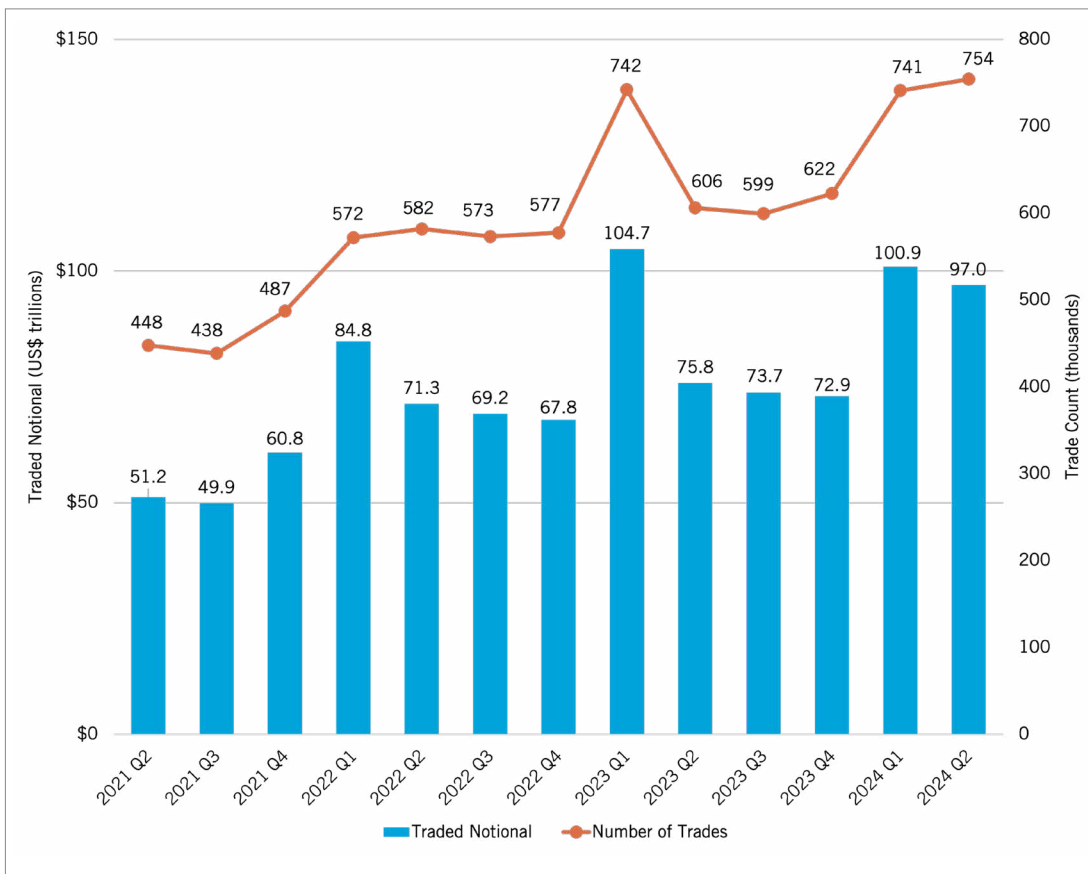
In the second quarter of 2024:

- Security-based credit derivatives traded notional dropped by 18.3% to \$156.9 billion in the second quarter of 2024 from \$192.1 billion in the second quarter of 2023. Trade count fell by 22.1% to 51.4 thousand from 66.0 thousand over the same period.
- Corporate single-name CDS traded notional fell by 26.1% to \$111.4 billion from \$150.7 billion and sovereign single-name CDS traded notional increased by 3.3% to \$33.8 billion from \$32.8 billion.
- Corporate single-name CDS traded notional accounted for 71.0% of total security-based credit derivatives traded notional, while sovereign single-name CDS represented 21.6%. Corporate and sovereign single-name CDS made up 72.5% and 17.3% of total trade count, respectively. Other security-based credit derivatives traded notional comprised 7.4% of total security-based credit derivatives traded notional and 10.2% of total trade count.
- Cleared security-based credit derivatives transactions accounted for 56.4% of total security-based credit derivatives traded notional and 55.3% of total trade count. 63.8% of corporate single-name CDS and 50.7% of sovereign single-name CDS traded notional was cleared.

INTEREST RATE DERIVATIVES

IRD traded notional grew by 27.8% to \$97.0 trillion in the second quarter of 2024 from \$75.8 trillion in the second quarter of 2023. Trade count rose by 24.4% over the same period to 753.9 thousand from 605.9 thousand⁵ (see Chart 1).

Chart 1: IRD Traded Notional and Trade Count



Source: DTCC SDR

IRD traded notional grew by 9.5% to \$197.8 trillion in the first half of 2024 from \$180.6 trillion in the first half of 2023 and trade count rose by 10.9% to 1.5 million from 1.4 million.

⁵ This data includes only IRD transactions reported to the DTCC SDR under US CFTC regulations

IRD Product Taxonomy

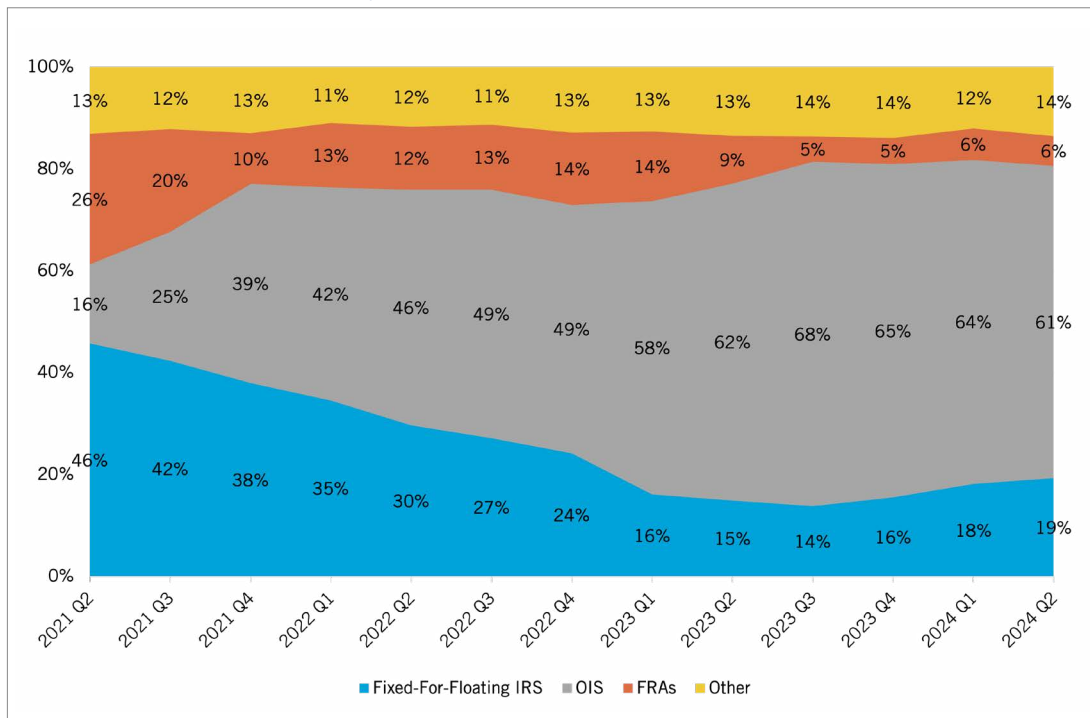
OIS transactions comprised 61.4% of total IRD traded notional and 47.3% of total trade count.

The transition from LIBOR to risk-free rates has driven this shift in the IRD product mix and led to reductions in the notional value of FRAs in key currencies, as market participants find less need to use FRAs to hedge fixing risk⁶.

The growth in OIS traded notional also reflects interest rate tightening since 2022. This has bolstered the gross market value of IRD, increasing the attractiveness and use of OIS as a hedging tool⁷.

Single currency fixed-for-floating IRS and FRAs represented 19.3% and 5.8% of total IRD traded notional and 35.3% and 2.1% of trade count, respectively⁸ (see Chart 2 and Chart 3).

Chart 2: IRD Traded Notional by Product



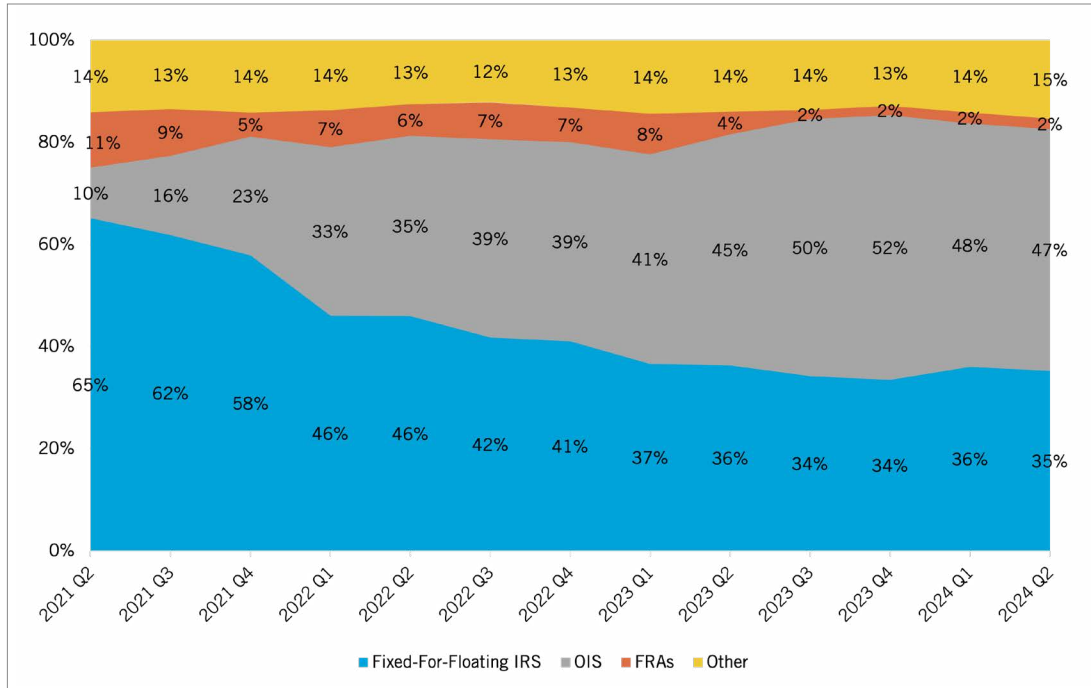
Source: DTCC SDR

⁶ Examining IRD Trading Activity in Response to Rising Interest Rates and RFR Transition www.isda.org/a/OV7gE/Examining-IRD-Trading-Activity-in-Response-to-Rising-Interest-Rates-and-RFR-Transition.pdf

⁷ OTC derivatives statistics at end-June 2023 www.bis.org/publ/otc_hy2311.htm

⁸ See Footnote 1

Chart 3: IRD Trade Count by Product



Source: DTCC SDR

OIS traded notional increased by 26.1% to \$59.5 trillion in the second quarter of 2024 from \$47.2 trillion in the second quarter of 2023. OIS trade count rose by 30.2% to 357.0 thousand from 274.3 thousand over the same period (see Chart 4 and Chart 5).

In the first half of 2024, OIS traded notional grew by 15.1% to \$123.7 trillion from \$107.5 trillion in the same period of 2023, while trade count rose by 22.6% to 709.9 thousand from 579.1 thousand.

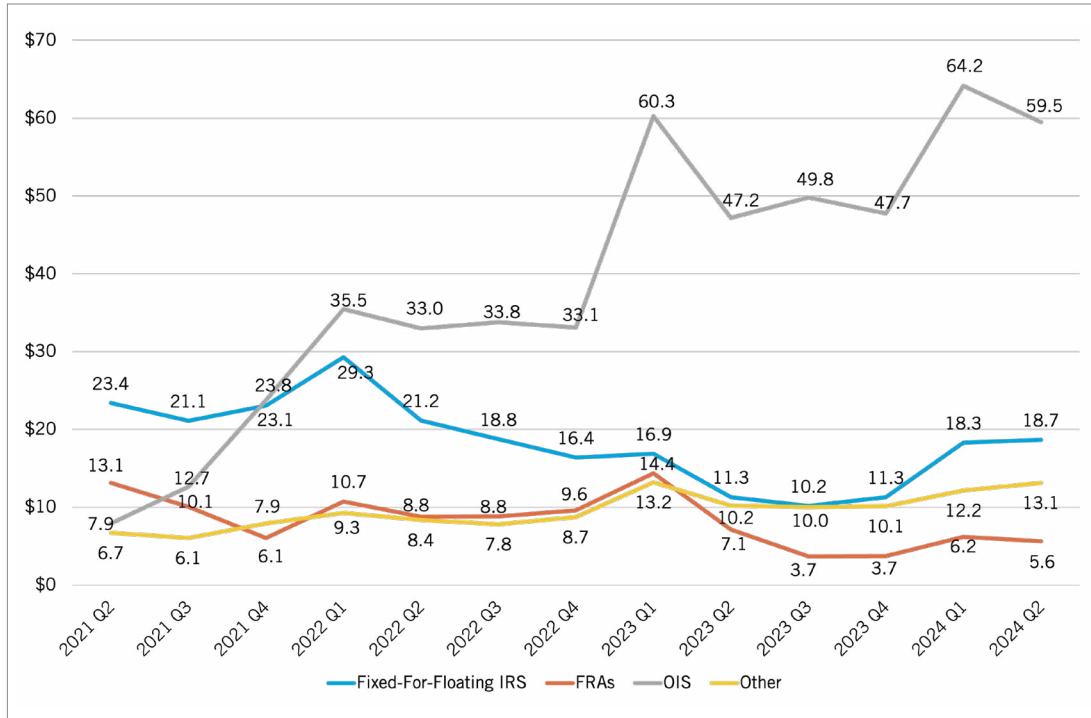
Fixed-for-floating IRS traded notional expanded by 65.2% to \$18.7 trillion in the second quarter of 2024 from \$11.3 trillion in the second quarter of 2023. IRS trade count grew by 20.7% to 265.7 thousand from 220.3 thousand.

In the first six months of 2024, fixed-for-floating IRS traded notional rose by 31.2% to \$37.0 trillion versus \$28.2 trillion in the same period in 2023. Trade count climbed by 8.3% to 532.8 thousand from 491.7 thousand.

FRA traded notional declined by 20.8% to \$5.6 trillion in the second quarter of 2024 from \$7.1 trillion in the second quarter of 2023. Trade count fell by 41.9% to 15.5 thousand from 26.7 thousand over the same period.

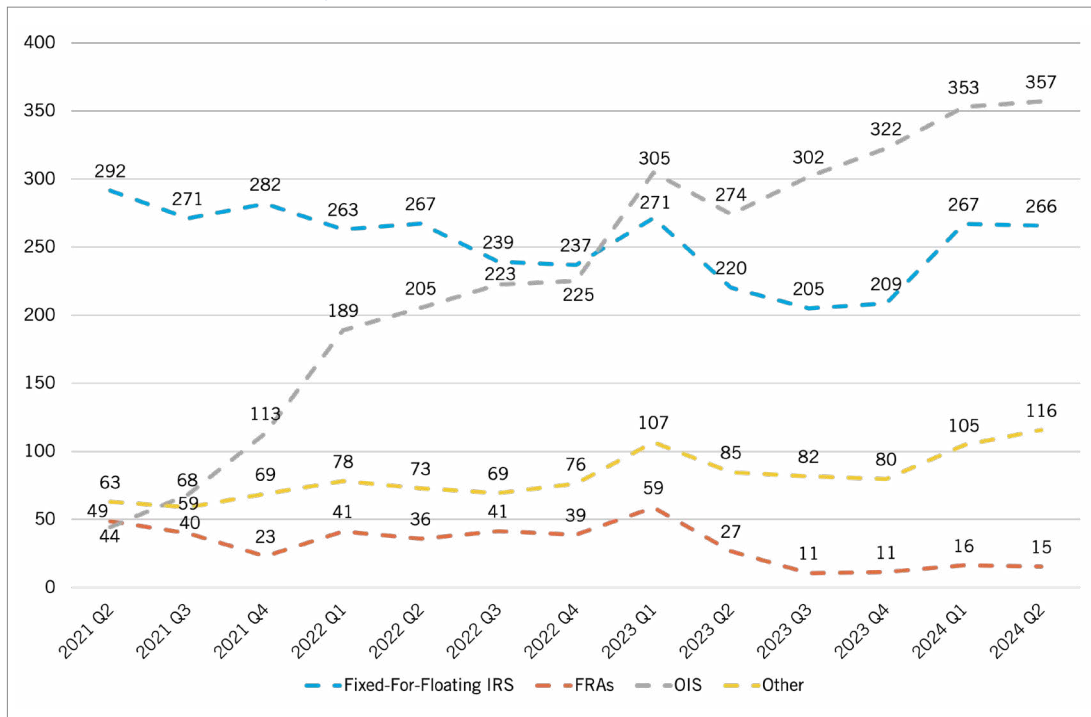
FRA traded notional dropped by 44.9% to \$11.8 trillion in the first half of 2024 from \$21.5 trillion in the first half of 2023. Trade count fell by 62.9% to 31.8 thousand from 85.5 thousand.

Chart 4: IRD Traded Notional by Product (US\$ trillions)



Source: DTCC SDR

Chart 5: IRD Trade Count by Product (thousands)



Source: DTCC SDR

IRD Average Daily Traded Notional, Trade Count and Trade Size

Fixed-for-floating IRS average daily traded notional increased by 65.2% to \$287.5 billion in the second quarter of 2024 versus the second quarter of 2023. Fixed-for-floating IRS average daily trade count rose by 20.7%, while average trade size grew by 38.0% (see Table 1).

FRA average daily traded notional totaled \$86.7 billion in the second quarter of 2024, a 23.3% decline year-on-year. FRA average daily trade count and average trade size fell by 43.7% and 1.7%, respectively.

OIS average daily traded notional rose by 26.1% to \$915.3 billion in the second quarter of 2024 compared to \$725.8 billion in the second quarter of 2023. OIS average daily trade count increased by 30.2%, while average trade size fell by 0.4%.

Table 1: IRD Average Daily Traded Notional, Daily Trade Count and Trade Size

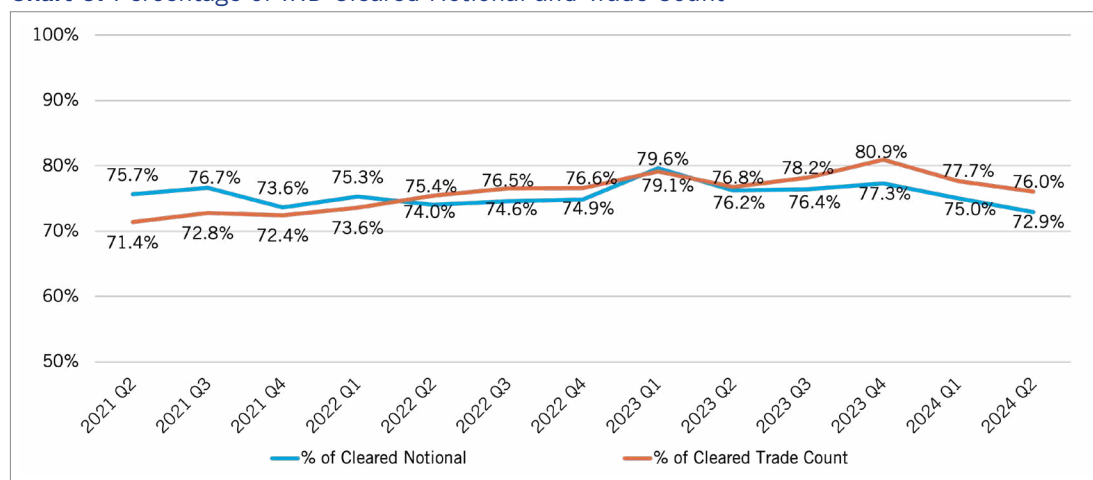
	Average Daily Traded Notional (US\$ billions)			Average Daily Trade Count			Average Trade Size (US\$ millions)		
	IRS	FRA	OIS	IRS	FRA	OIS	IRS	FRA	OIS
2024 Q2	287.5	86.7	915.3	4,089	238	5,492	71.6	620.5	169.9
2023 Q2	174.1	113.1	725.8	3,389	423	4,219	51.9	631.3	170.7
2024 Q2 vs. 2023 Q2	65.2%	-23.3%	26.1%	20.7%	-43.7%	30.2%	38.0%	-1.7%	-0.4%
H1 2024	284.6	92.6	951.4	4,098	248	5,461	69.6	622.7	174.3
H1 2023	216.8	167.1	826.7	3,783	664	4,455	57.1	556.9	190.7
H1 2024 vs. H1 2023	31.2%	-44.6%	15.1%	8.3%	-62.6%	22.6%	21.8%	11.8%	-8.6%

Source: DTCC SDR

IRD Central Clearing

Cleared IRD transactions made up 72.9% of total IRD traded notional and 76.0% of trade count in the second quarter of 2024 (see Chart 6). IRD cleared traded notional and trade count totaled \$70.7 trillion and 573.3 thousand, respectively.

Chart 6: Percentage of IRD Cleared Notional and Trade Count

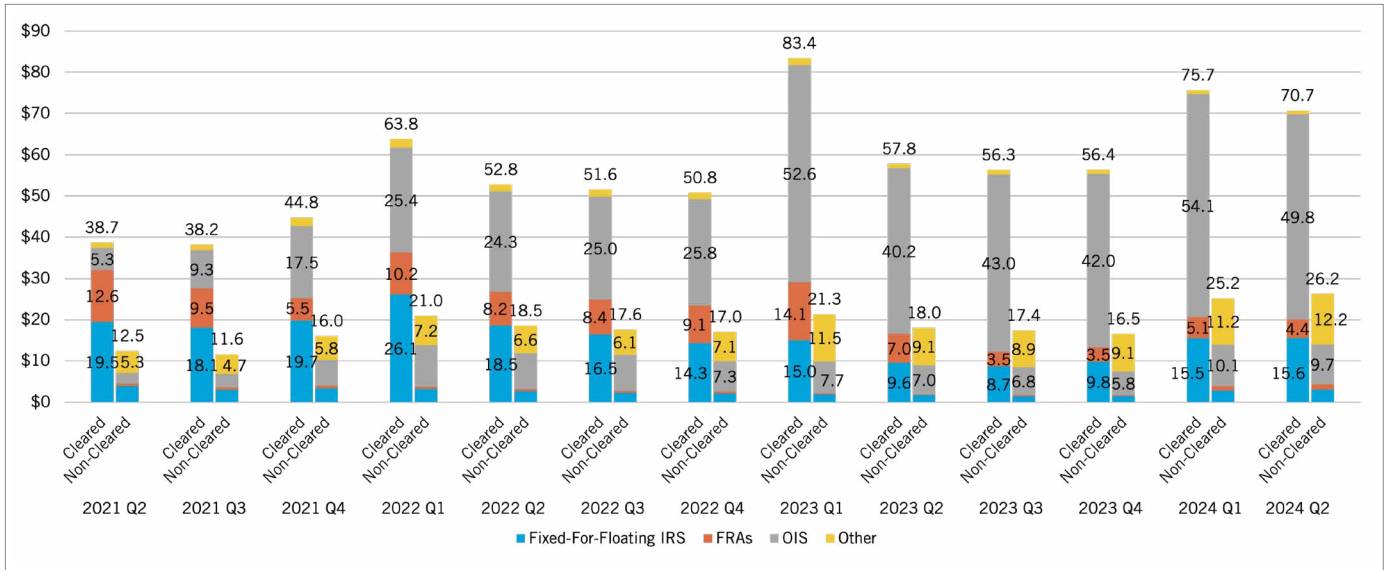


Source: DTCC SDR

In the second quarter of 2024, \$15.6 trillion (83.5%) of fixed-for-floating IRS traded notional was cleared and \$3.1 trillion was non-cleared. Cleared FRA and OIS traded notional was \$4.4 trillion (78.2%) and \$49.8 trillion (83.7%), respectively. \$904.9 billion (6.9%) of other IRD products notional was cleared and \$12.2 trillion was non-cleared (see Chart 7).

In the first six months of 2024, \$31.1 trillion (84.1%) of fixed-for-floating IRS traded notional was cleared and \$5.9 trillion was non-cleared. Cleared FRA and OIS traded notional was \$9.5 trillion (80.2%) and \$103.9 trillion (84.0%), respectively. \$1.9 trillion (7.3%) of other IRD products traded notional was cleared and \$23.5 trillion was non-cleared.

Chart 7: IRD Cleared Notional by Product (US\$ trillions)

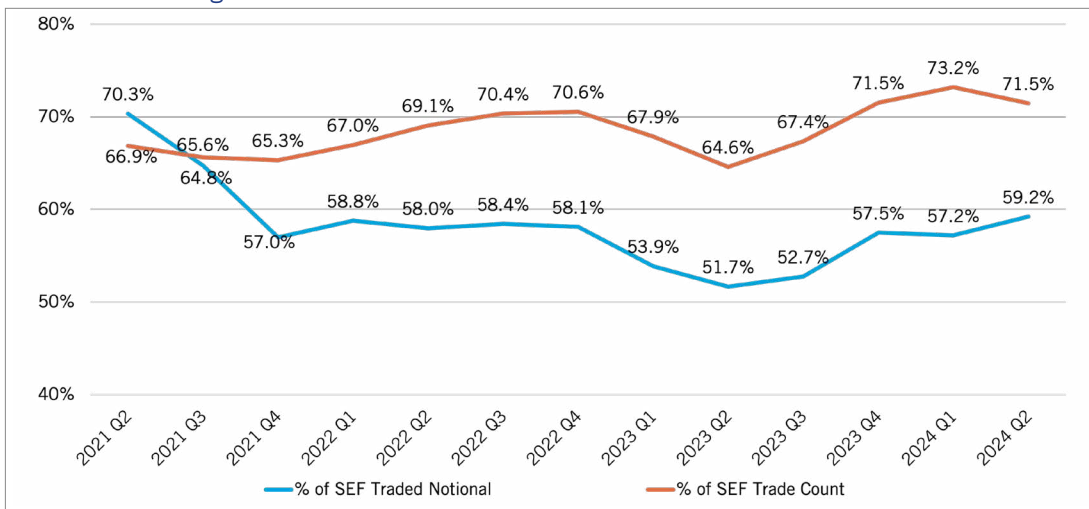


Source: DTCC SDR

IRD Trading Venue

SEF-traded IRD accounted for 59.2% of total IRD traded notional and 71.5% of trade count in the second quarter of 2024 (see Chart 8). Total IRD traded notional executed on SEFs was \$57.4 trillion, while \$39.5 trillion took place off-SEF. In terms of trade count, 538.7 thousand transactions were executed on SEFs and 215.2 thousand occurred off-SEF.

Chart 8: Percentage of SEF and Off-SEF IRD Traded Notional and Trade Count

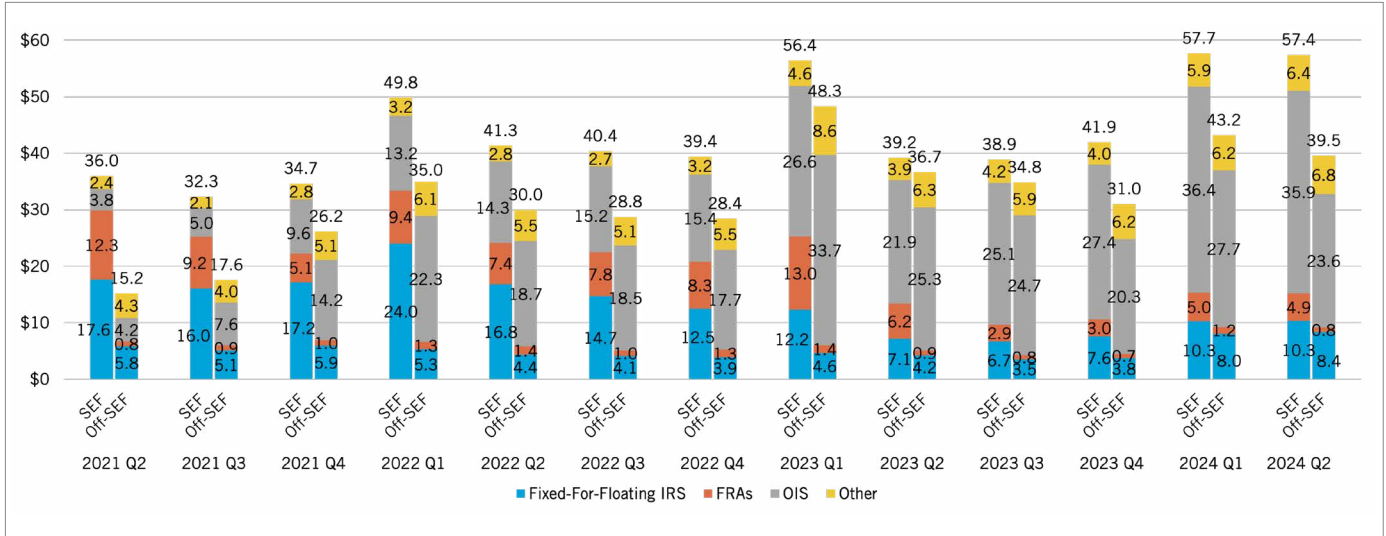


Source: DTCC SDR

In the second quarter of 2024, \$10.3 trillion (55.3%) of fixed-for-floating IRS traded notional took place on SEFs and \$8.4 trillion was executed off-SEF. \$4.9 trillion (86.0%) of FRA traded notional occurred on SEFs and \$788.3 billion was traded off-SEF. \$35.9 trillion (60.3%) of OIS traded notional took place on SEFs and \$23.6 trillion was traded off-SEF (see Chart 9).

In the first half of 2024, \$20.6 trillion (55.7%) of fixed-for-floating IRS traded notional was executed on SEFs and \$16.4 trillion occurred off-SEF. \$9.9 trillion (83.5%) of FRA traded notional was traded on SEFs and \$2.0 trillion took place off-SEF. \$72.3 trillion (58.5%) of OIS traded notional was executed on SEFs and \$51.4 trillion was traded off-SEF.

Chart 9: SEF and Off-SEF IRD Traded Notional by Product (US\$ trillions)

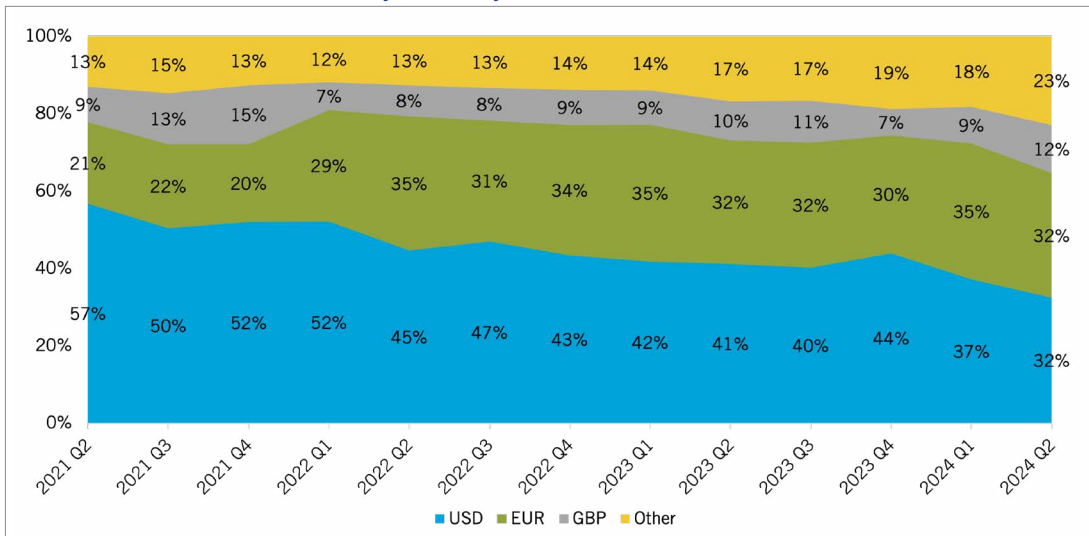


Source: DTCC SDR

IRD by Currency

US-dollar-denominated IRD transactions comprised 32.5% of total IRD traded notional and 31.8% of trade count in the second quarter of 2024. Euro-denominated IRD accounted for 32.2% of total IRD traded notional and 20.8% of trade count. Sterling-denominated transactions made up 12.4% and 6.7% of total IRD traded notional and trade count, respectively. Other currencies accounted for 23.0% of IRD traded notional and 40.7% of trade count⁹ (see Chart 10 and Chart 11).

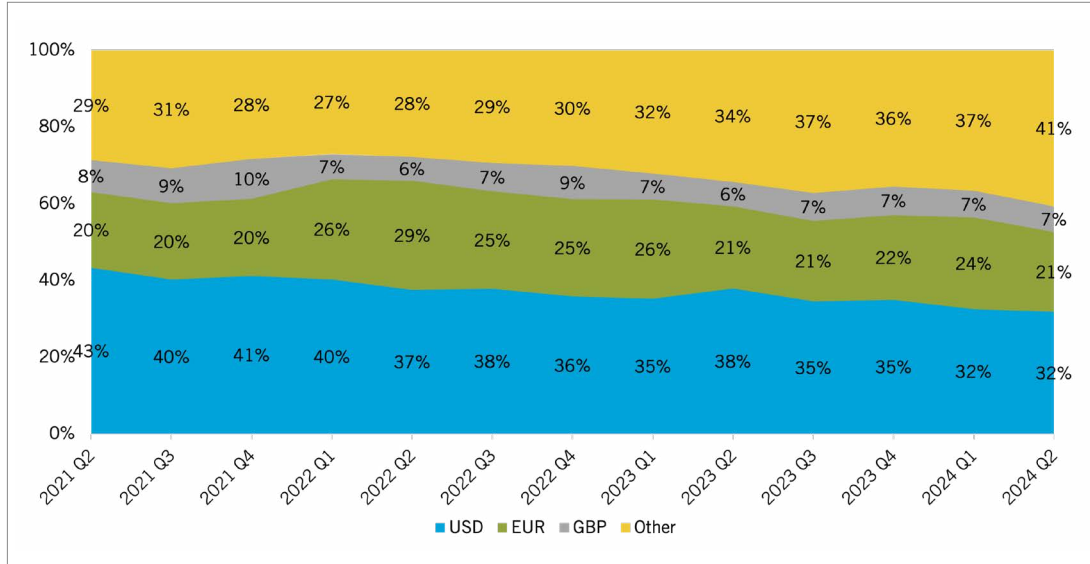
Chart 10: IRD Traded Notional by Currency



Source: DTCC SDR

⁹ Other currencies include Japanese yen, Australian dollar, Canadian dollar, Mexican peso, New Zealand dollar, South Korean won and 'other'. Cross-currency swaps are also included in other currencies

Chart 11: IRD Trade Count by Currency

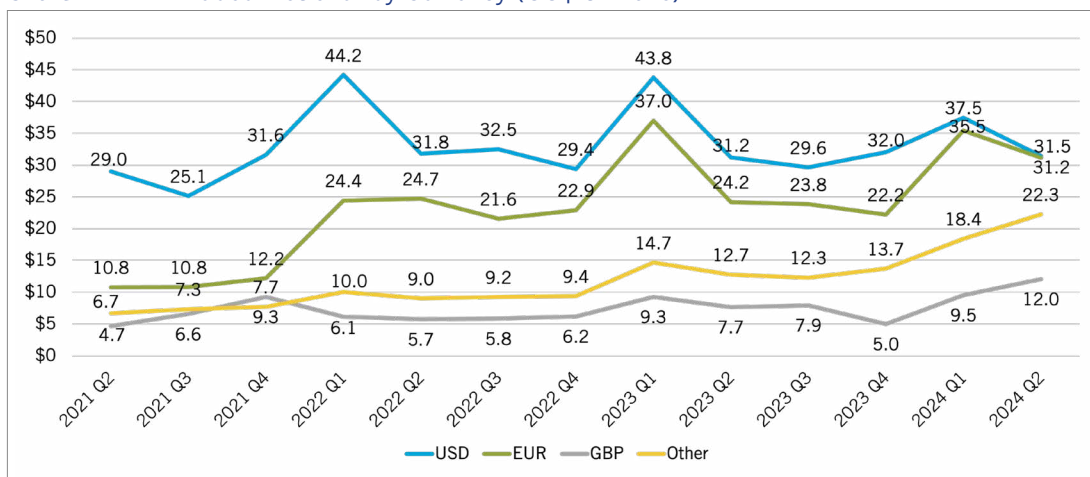


Source: DTCC SDR

US-dollar-denominated traded notional rose by 0.8% to \$31.5 trillion in the second quarter of 2024 compared to \$31.2 trillion in the same period of 2023. Euro-denominated traded notional increased by 28.8% to \$31.2 trillion from \$24.2 trillion and sterling-denominated traded notional grew by 57.0% to \$12.0 trillion from \$7.7 trillion (see Chart 12).

In the first half of 2024, US-dollar-denominated IRD traded notional dropped by 8.1% to \$68.9 trillion from \$75.0 trillion in the first half of 2023. Euro-denominated traded notional expanded by 8.8% to \$66.6 trillion from \$61.2 trillion, sterling-denominated traded notional grew by 27.4% to \$21.6 trillion and IRD traded notional in other currencies rose by 48.3% to \$40.7 trillion.

Chart 12: IRD Traded Notional by Currency (US\$ trillions)



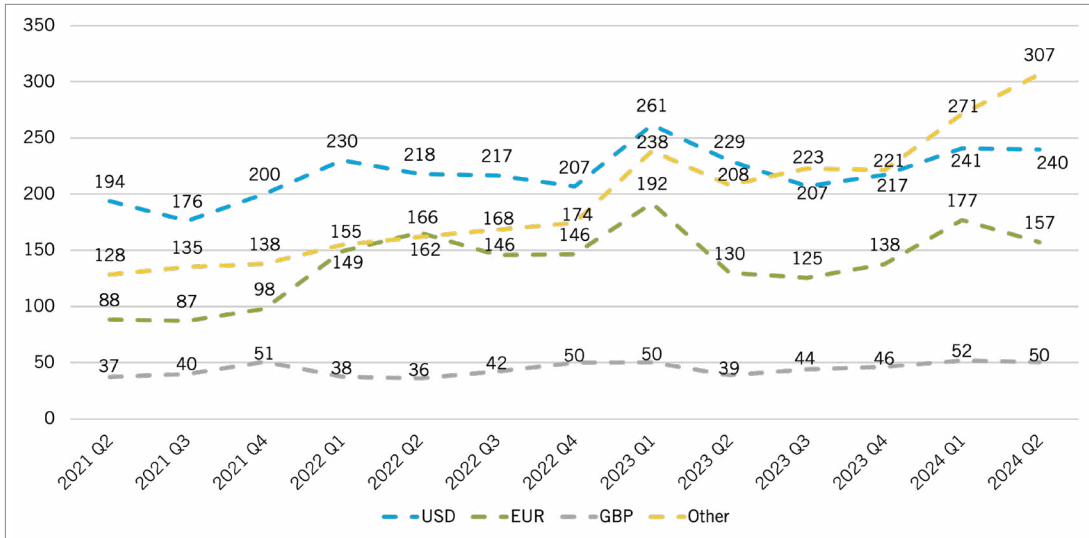
Source: DTCC SDR

US-dollar-denominated IRD trade count totaled 239.7 thousand in the second quarter of 2024, an increase of 4.4% versus the same period in 2023. Euro-denominated transactions grew by 21.1% to 157.1 thousand and sterling-denominated trade count increased by 30.2% to 50.4 thousand.

Trade count in the ‘other’ category grew by 47.5% to 306.7 thousand, driven primarily by increases in Japanese yen and cross-currency swap trading (see Chart 13).

US-dollar-denominated IRD trade count dropped by 2.1% to 480.4 thousand in the first half of 2024 from 490.9 thousand in the first six months of 2023. Euro-denominated trade count grew by 3.8% to 334.1 thousand from 321.8 thousand, sterling-denominated trade count rose by 15.0% and yen-denominated transactions increased by 29.5%.

Chart 13: IRD Trade Count by Currency (thousands)



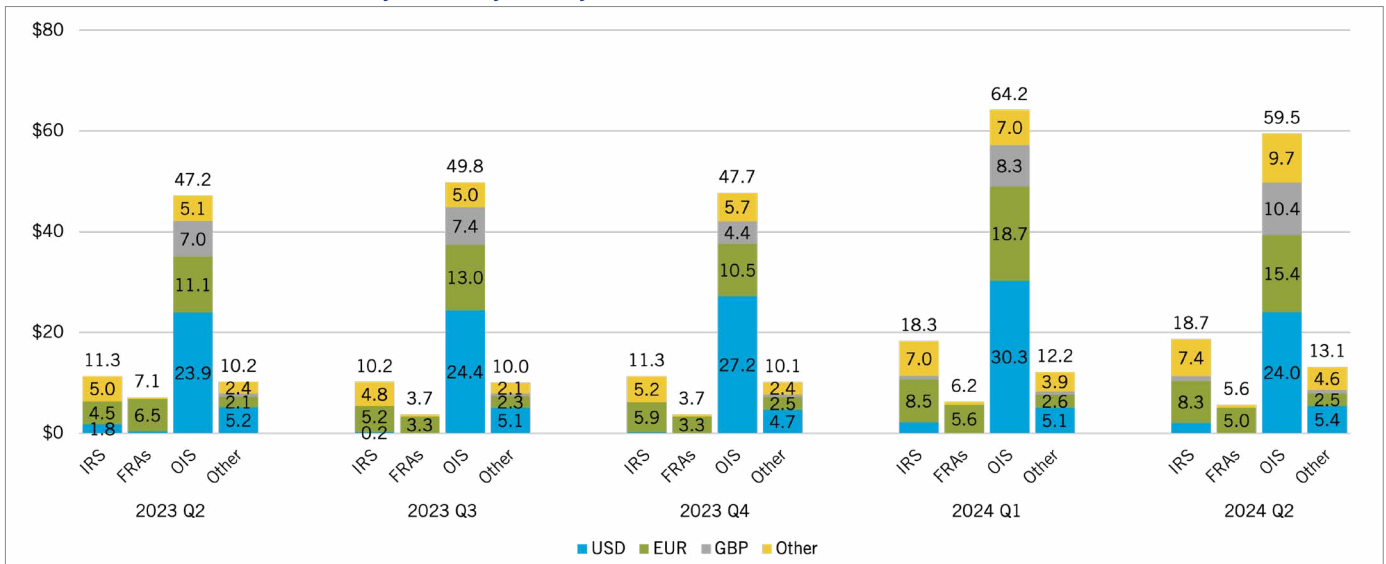
Source: DTCC SDR

US-dollar-denominated OIS traded notional rose by 0.3% to \$24.0 trillion in the second quarter of 2024. Euro-denominated OIS traded notional grew by 38.1% to \$15.4 trillion from \$11.1 trillion, while sterling-denominated OIS traded notional increased by 48.1% to \$10.4 trillion from \$7.0 trillion (see Chart 14).

US-dollar-denominated fixed-for-floating IRS trade notional grew by 14.9% to \$2.0 trillion from \$1.8 trillion and euro-denominated fixed-for-floating IRS traded notional rose by 83.2% to \$8.3 trillion from \$4.5 trillion.

US-dollar-denominated FRA traded notional fell by 99.2% to \$2.8 billion from \$337.1 billion and euro-denominated FRA traded notional declined by 22.0% to \$5.0 trillion from \$6.5 trillion. There were no sterling-denominated FRAs in the second quarter of 2024.

Chart 14: IRD Traded Notional by Currency and by Product (US\$ trillions)



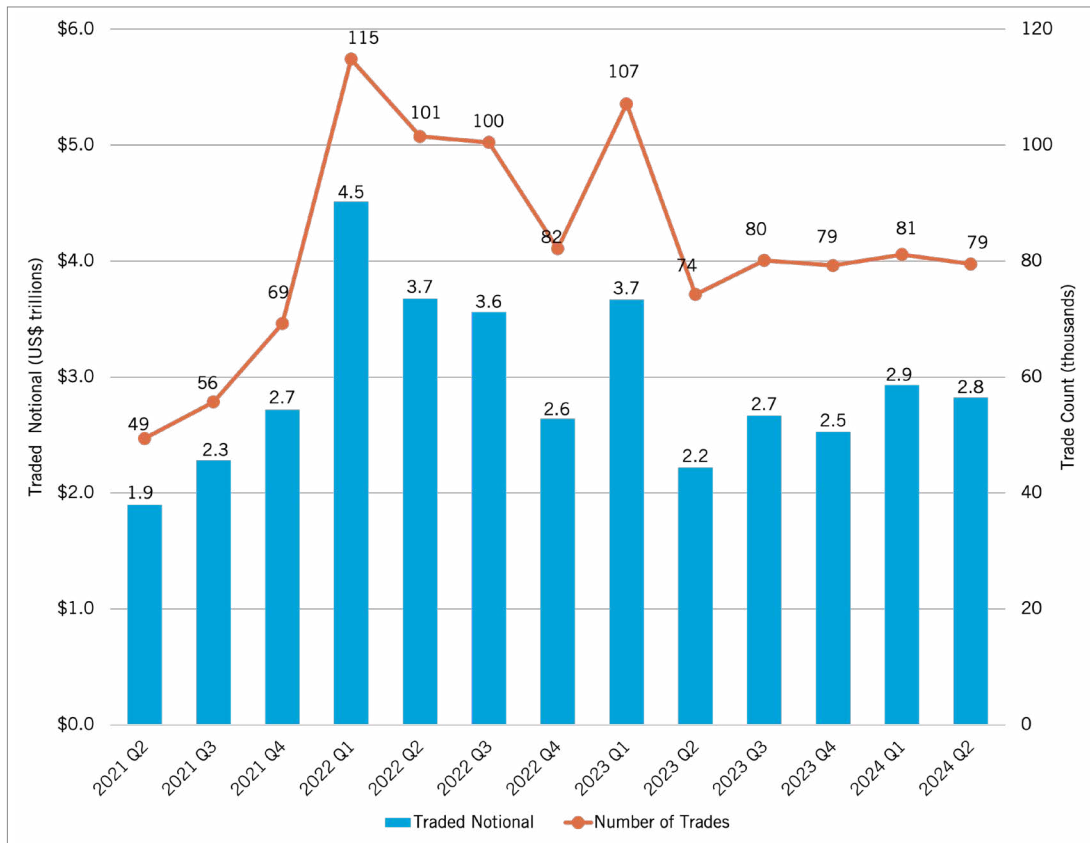
Source: DTCC SDR

INDEX CREDIT DERIVATIVES REPORTED UNDER CFTC REGULATIONS

Index credit derivatives traded notional rose by 27.3% to \$2.8 trillion in the second quarter of 2024 from \$2.2 trillion in the second quarter of 2023¹⁰. The number of trades increased by 7.1% to 79.5 thousand from 74.2 thousand over the same period (see Chart 15).

In the first six months of 2024, index credit derivatives traded notional declined by 2.3% to \$5.8 trillion from \$5.9 trillion in the first half of 2023. Trade count fell by 11.5% to 160.6 thousand from 181.4 thousand over the same period.

Chart 15: Index Credit Derivatives Traded Notional and Trade Count



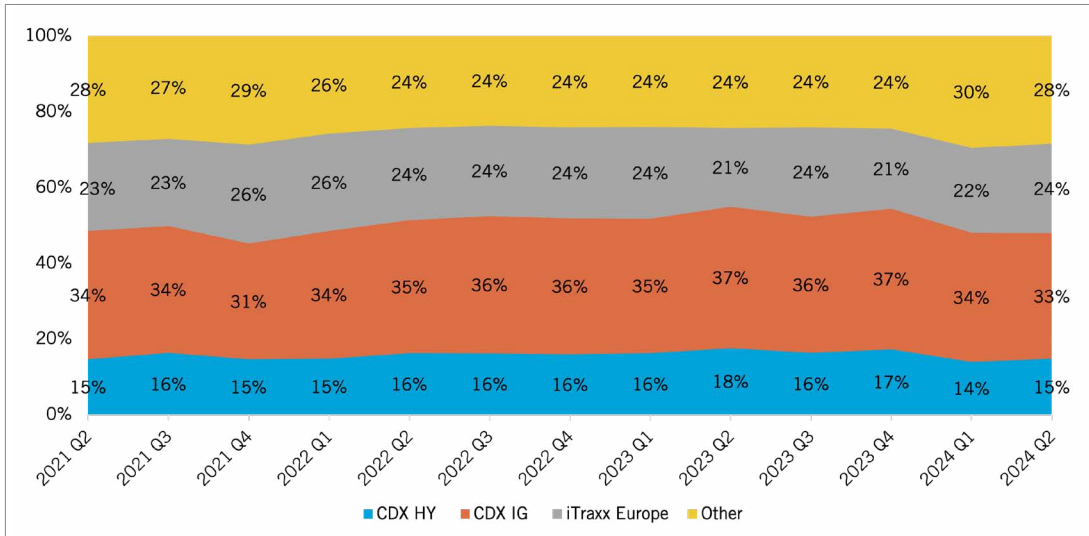
Source: DTCC SDR

¹⁰ Index credit derivatives mostly comprise CDS indices, but also include CDS index tranches, credit swaptions, exotic products, total return swaps and an insignificant amount of single-name CDS. This data only includes transactions reported to the DTCC SDR under US CFTC regulations. Credit derivatives reported to the DTCC SBSDR under US SEC regulations are not included in this data

Index Credit Derivatives Product Taxonomy

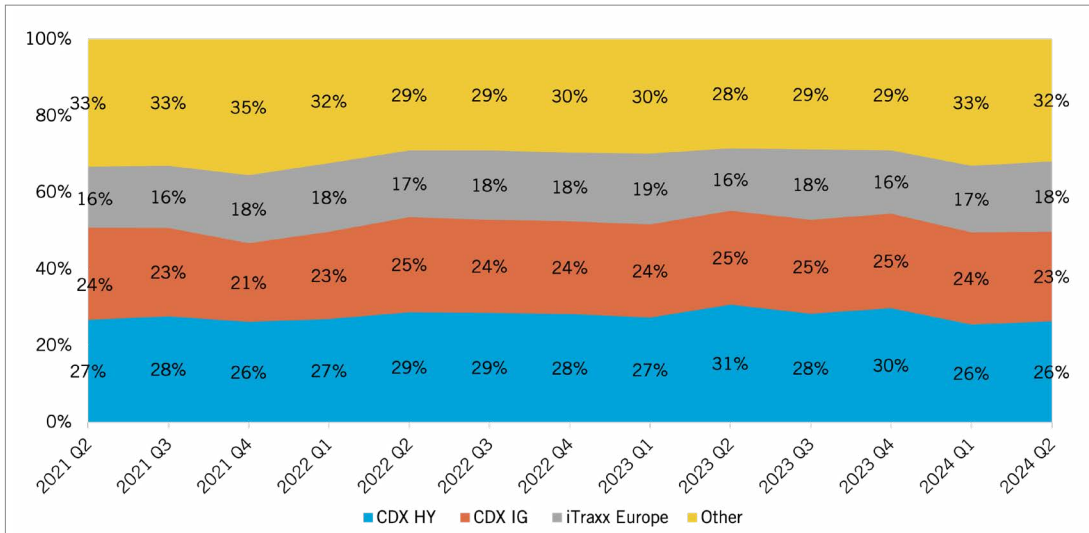
CDX HY and CDX IG represented 14.7% and 33.1% of total index credit derivatives traded notional and 26.4% and 23.4% of total trade count in the second quarter of 2024. iTraxx Europe accounted for 23.7% of traded notional and 18.3% of trade count (see Chart 16 and Chart 17).

Chart 16: Index Credit Derivatives Traded Notional by Product



Source: DTCC SDR

Chart 17: Index Credit Derivatives Trade Count by Product



Source: DTCC SDR

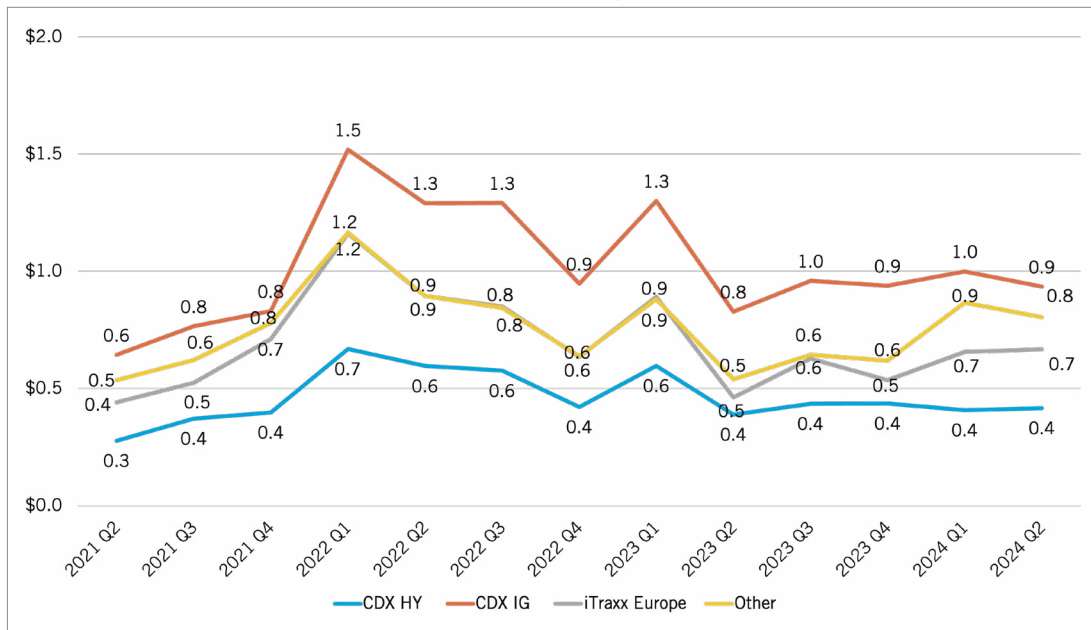
CDX HY traded notional rose by 7.0% to \$416.2 billion in the second quarter of 2024 versus \$389.0 billion in the second quarter of 2023. CDX IG grew by 12.9% to \$934.4 billion from \$827.7 billion over the same period. CDX HY trade count dropped by 7.9% to 21.0 thousand from 22.8 thousand, while CDX IG trade count grew by 2.0% to 18.6 thousand from 18.2 thousand (see Chart 18 and Chart 19).

iTraxx Europe traded notional grew by 44.5% to \$667.7 billion from \$462.0 billion and trade count rose by 20.5% from 14.6 thousand to 12.1 thousand.

In the first half of 2024, CDX HY traded notional dropped by 16.4% to \$823.9 billion from \$985.2 billion in the first six months of 2023. CDX IG traded notional fell by 9.1% to \$1.9 trillion from \$2.1 trillion over the same period. Trade count for CDX HY and CDX IG fell by 20.0% to 41.7 thousand and by 13.8% to 38.1 thousand, respectively.

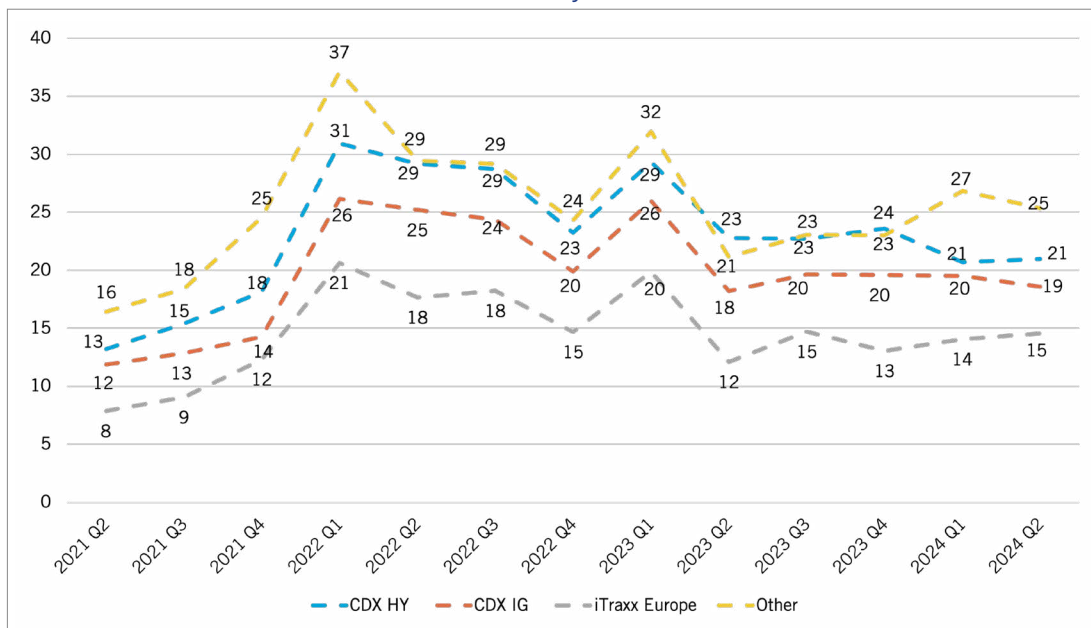
iTraxx Europe traded notional declined by 2.1% to \$1.3 trillion compared to \$1.4 trillion and trade count fell by 10.4% to 28.6 thousand.

Chart 18: Index Credit Derivatives Traded Notional by Product (US\$ trillions)



Source: DTCC SDR

Chart 19: Index Credit Derivatives Trade Count by Product (thousands)



Source: DTCC SDR

Index Credit Derivatives Average Daily Traded Notional, Trade Count and Trade Size

Average daily traded notional of CDX HY and CDX IG rose by 7.0% and 12.9% to \$6.6 billion and \$14.8 billion, respectively, in the second quarter of 2024 compared to the same period 12 months earlier. Average daily trade count of CDX HY dropped by 7.9% to 333, while CDX IG rose by 2.0% to 295. Average trade size of CDX HY and CDX IG increased to \$19.5 million and \$49.9 million, respectively (see Table 2).

iTraxx Europe average daily traded notional grew by 39.8% to \$10.8 billion and average daily trade count rose by 16.6% to 235. iTraxx Europe average trade size increased by 18.0% to \$45.0 million from \$38.1 million.

Table 2: Index Credit Derivatives Average Daily Traded Notional, Daily Trade Count and Trade Size

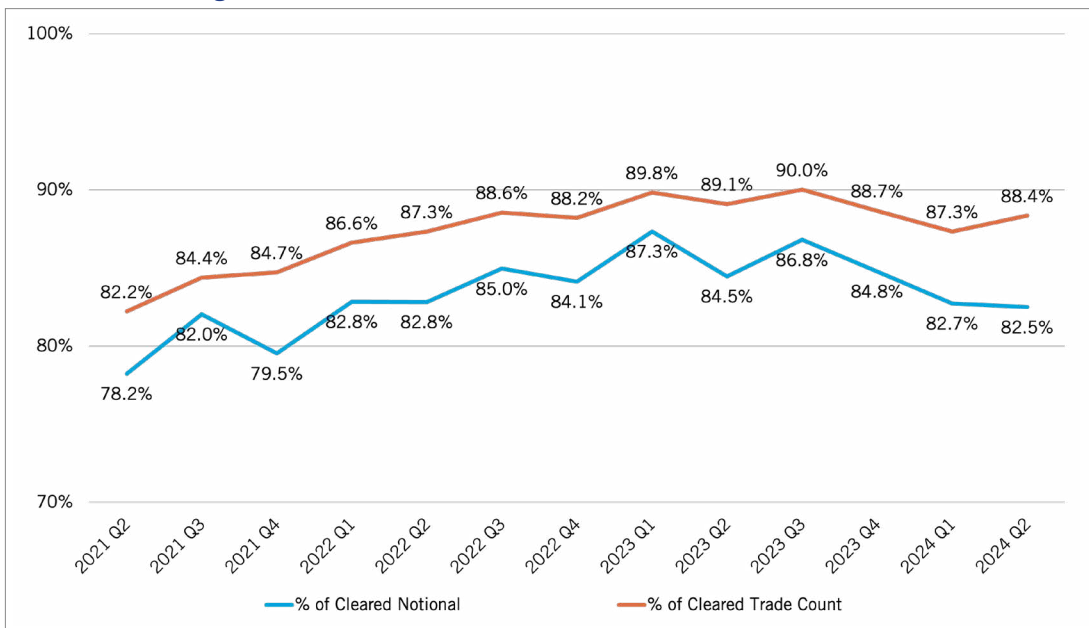
	Average Daily Traded Notional (US\$ billions)			Average Daily Trade Count			Average Trade Size (US\$ millions)		
	CDX HY	CDX IG	iTraxx Europe	CDX HY	CDX IG	iTraxx Europe	CDX HY	CDX IG	iTraxx Europe
2024 Q2	6.6	14.8	10.8	333	295	235	19.5	49.9	45.0
2023 Q2	6.2	13.1	7.7	362	289	201	16.8	45.1	38.1
2024 Q2 vs. 2023 Q2	7.0%	12.9%	39.8%	-7.9%	2.0%	16.6%	16.4%	10.7%	18.0%
H1 2024	6.6	15.6	10.6	336	308	229	18.7	49.5	44.5
H1 2023	7.9	17.1	10.8	417	354	256	18.0	46.7	40.6
H1 2024 vs. H1 2023	-15.8%	-8.5%	-2.0%	-19.5%	-13.1%	-10.5%	3.9%	6.1%	9.5%

Source: DTCC SDR

Index Credit Derivatives Central Clearing

Cleared index credit derivatives transactions made up 82.5% of total index credit derivatives traded notional and 88.4% of trade count in the second quarter of 2024 (see Chart 20), totaling \$2.3 trillion and 70.2 thousand, respectively.

Chart 20: Percentage of Index Credit Derivatives Cleared Traded Notional and Trade Count



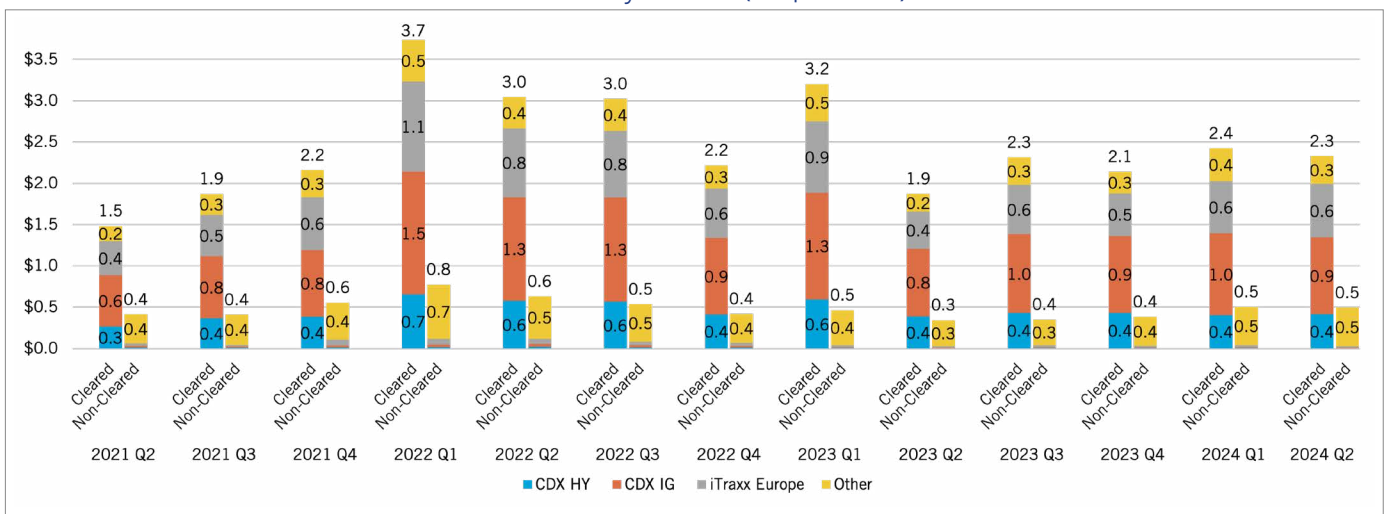
Source: DTCC SDR

In the second quarter of 2024, \$413.9 billion (99.5%) of CDX HY and \$930.5 billion (99.6%) of CDX IG traded notional was cleared, while \$2.3 billion and \$3.9 billion was non-cleared (see Chart 21).

iTraxx Europe cleared traded notional was \$649.6 billion (97.3%) in the second quarter of 2024, while non-cleared traded notional was \$18.0 billion. \$334.7 billion (41.6%) of other index credit derivatives traded notional was cleared and \$469.7 billion was non-cleared.

In the first half of 2024, \$818.1 billion (99.3%) of CDX HY, \$1.9 trillion (99.4%) of CDX IG and \$1.3 trillion (96.6%) of iTraxx Europe traded notional was cleared. \$733.5 billion (43.9%) of other index credit derivatives traded notional was cleared and \$937.0 billion was non-cleared.

Chart 21: Index Credit Derivatives Cleared Notional by Product (US\$ trillions)

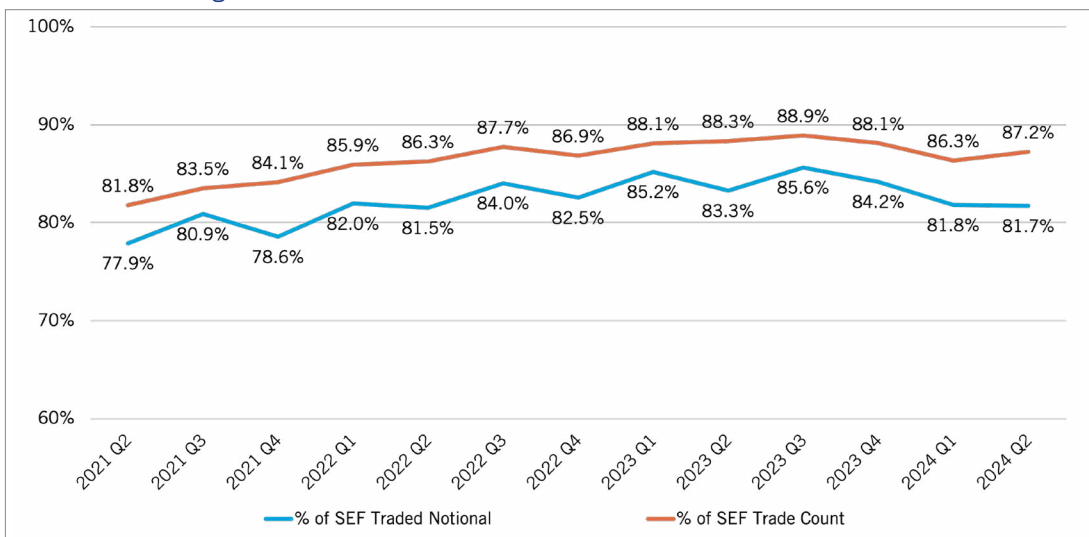


Source: DTCC SDR

Index Credit Derivatives Trading Venue

SEF-traded index credit derivatives accounted for 81.7% of total index credit derivatives traded notional and 87.2% of trade count in the second quarter of 2024 (see Chart 22). Total index credit derivatives traded notional executed on SEFs was \$2.3 trillion, while \$515.7 billion took place off-SEF. 69.3 thousand transactions were executed on SEFs and 10.1 thousand were off-SEF.

Chart 22: Percentage of SEF and Off-SEF Index Credit Derivatives Traded Notional and Trade Count



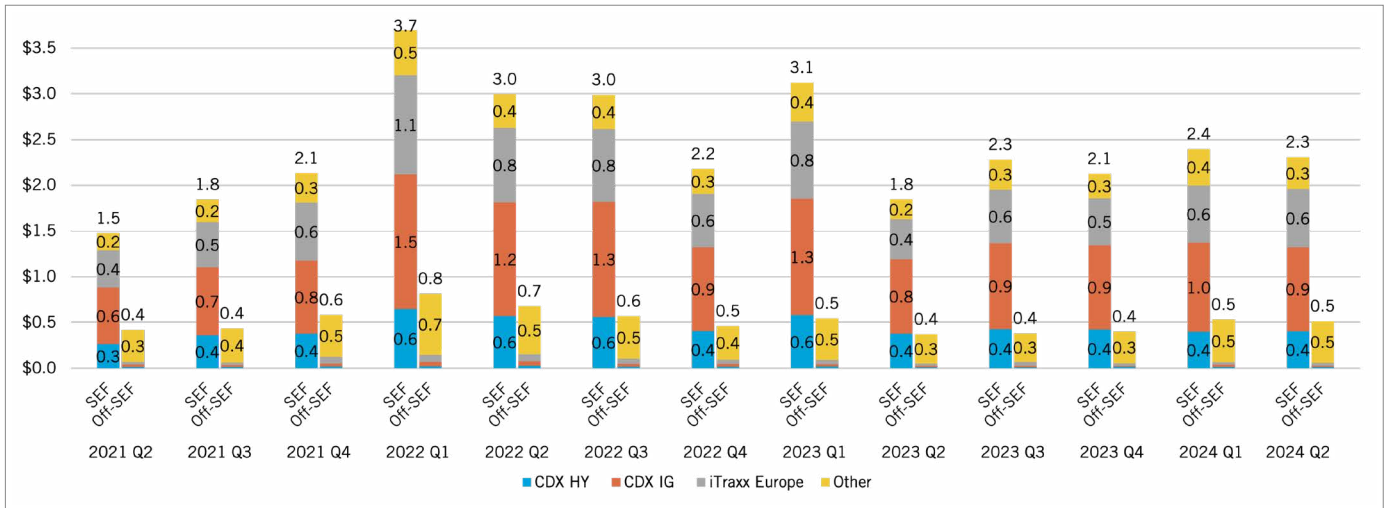
Source: DTCC SDR

In the second quarter of 2024, \$404.8 billion (97.3%) of CDX HY and \$918.2 billion (98.3%) of CDX IG traded notional was traded on SEFs and \$11.4 billion and \$16.3 billion, respectively, took place off-SEF (see Chart 23).

\$636.1 billion (95.3%) of iTraxx Europe traded notional was executed on SEFs and \$31.6 billion occurred off-SEF. \$347.9 billion (43.3%) of traded notional for other index credit derivatives was executed on SEFs and \$456.5 billion was traded off-SEF.

In the first half of 2024, \$802.5 billion (97.4%) of CDX HY, \$1.9 trillion (97.8%) of CDX IG and \$1.3 trillion (95.4%) of iTraxx Europe traded notional took place on SEFs. \$746.2 billion (44.7%) of other index credit derivatives traded notional was executed on SEFs and \$924.3 billion occurred off-SEF.

Chart 23: SEF and Off-SEF Index Credit Derivatives Traded Notional by Product (US\$ trillions)

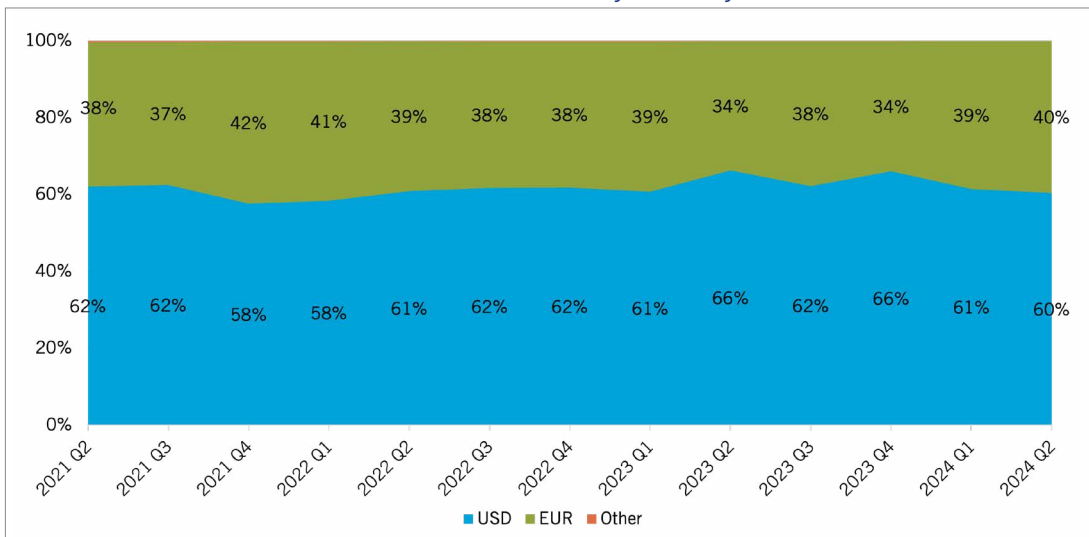


Source: DTCC SDR

Index Credit Derivatives by Currency

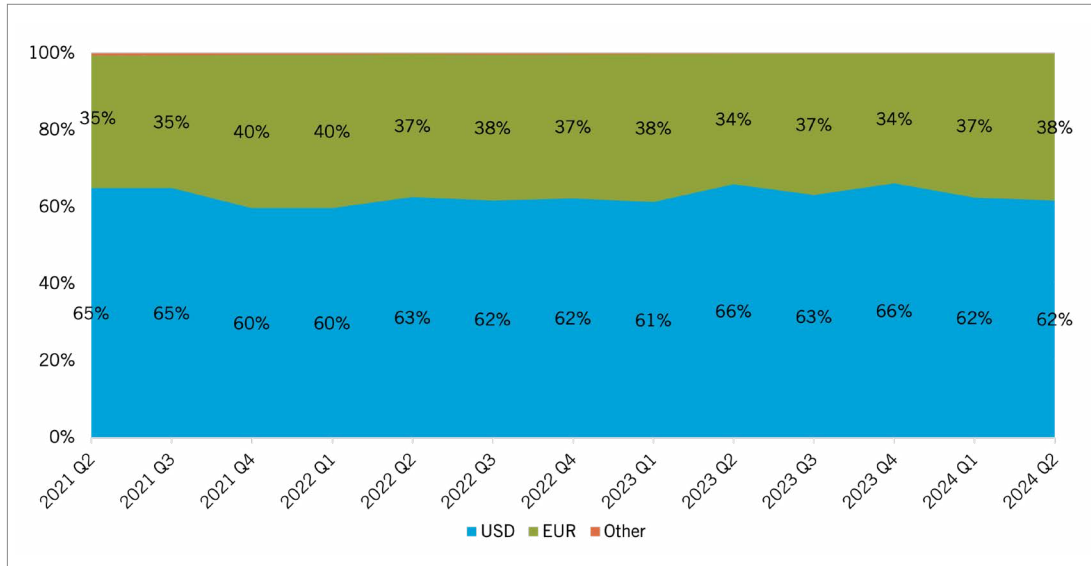
Index credit derivatives contracts denominated in US dollars comprised 60.4% and 61.7% of traded notional and trade count, respectively, in the second quarter of 2024. Euro-denominated transactions accounted for 39.6% and 38.2% of traded notional and trade count, respectively (see Chart 24 and Chart 25).

Chart 24: Index Credit Derivatives Traded Notional by Currency



Source: DTCC SDR

Chart 25: Index Credit Derivatives Trade Count by Currency

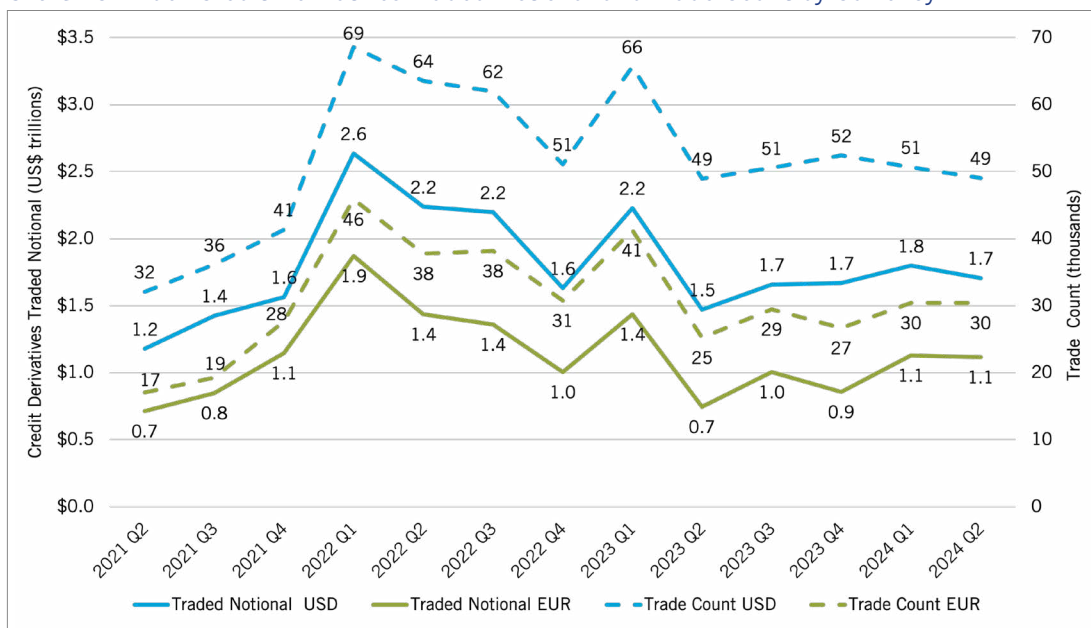


Source: DTCC SDR

US-dollar-denominated index credit derivatives traded notional rose by 16.0% to \$1.7 trillion in the second quarter of 2024 compared to \$1.5 trillion in the second quarter of 2023. Euro-denominated traded notional grew by 49.7% to \$1.1 trillion from \$745.7 billion over the same period. US-dollar-denominated index credit derivatives trade count rose by 0.2% and euro-denominated trades climbed by 20.5% (see Chart 26).

In the first half of 2024, US-dollar-denominated index credit derivatives traded notional declined by 5.2% to \$3.5 trillion from \$3.7 trillion in the first half of 2023. Euro-denominated traded notional grew by 3.0% to \$2.3 trillion over the same period. Trade count for US-dollar- and euro-denominated index credit derivatives transactions dropped by 13.0% to 99.7 thousand and by 8.5% to 60.8 thousand, respectively.

Chart 26: Index Credit Derivatives Traded Notional and Trade Count by Currency

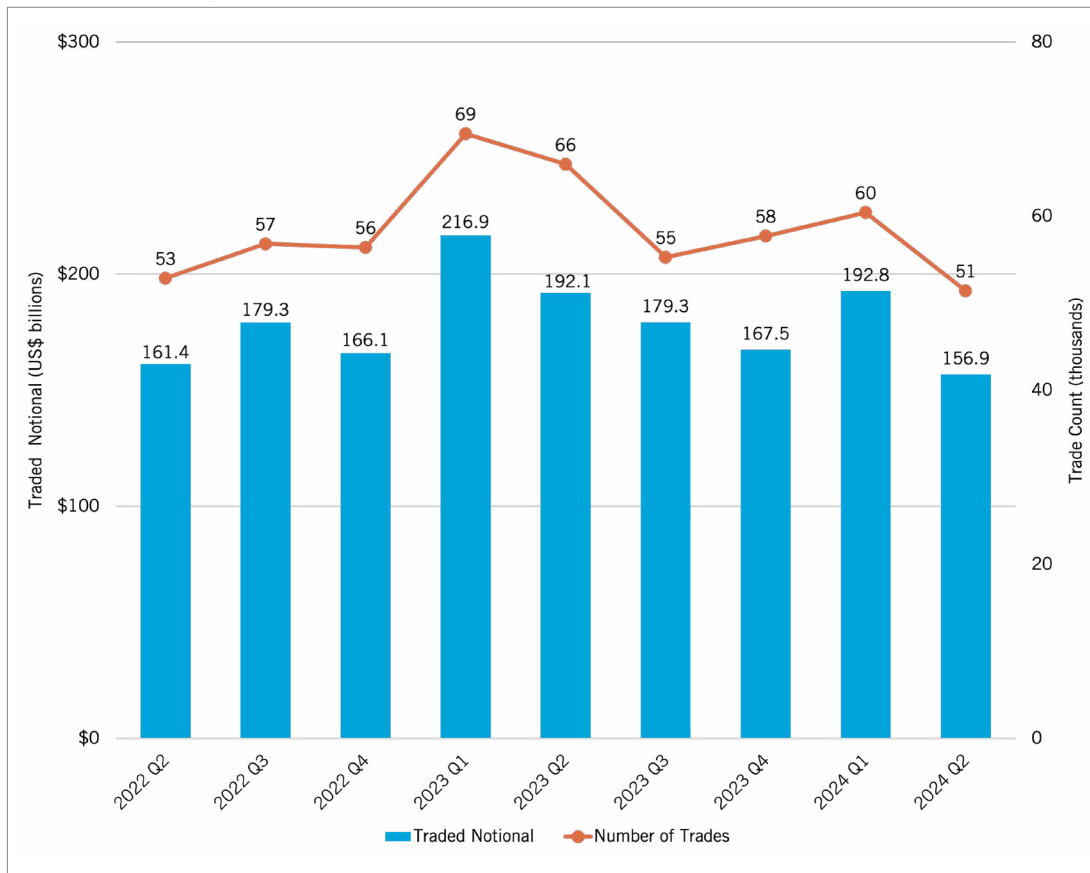


Source: DTCC SDR

SECURITY-BASED CREDIT DERIVATIVES REPORTED UNDER SEC REGULATIONS

Security-based credit derivatives traded notional fell by 18.3% to \$156.9 billion in the second quarter of 2024 from \$192.1 billion in the second quarter of 2023. Trade count declined by 22.1% to 51.4 thousand from 66.0 thousand over the same period^{11,12} (see Chart 27).

Chart 27: Security-based Credit Derivatives Traded Notional and Trade Count



Source: DTCC and ICE Trade Vault SBSDRs

In the first half of 2024, security-based credit derivatives traded notional dropped by 14.5% to \$349.7 billion from \$409.0 billion in the first half of 2023. Trade count declined by 17.4% to 111.9 thousand from 135.5 thousand over the same period.

¹¹ Security-based credit derivatives mostly comprise single-name CDS, but also include total return swaps, index, exotic, index tranche, swaptions and other single-name swaps (eg, asset-backed, loan and municipal security-based swaps)

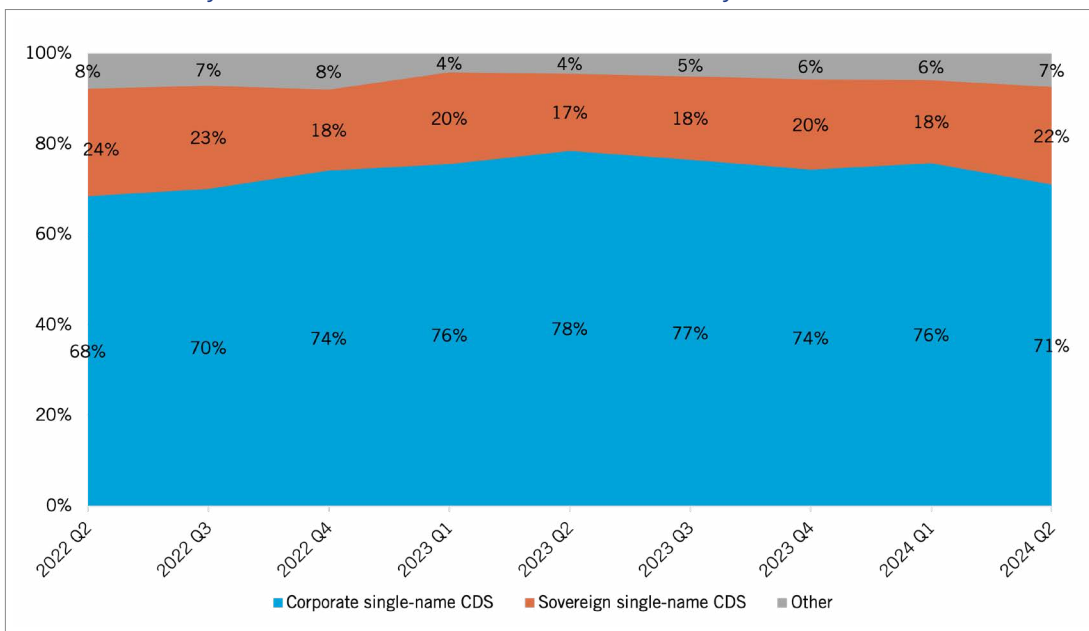
¹² This data includes security-based credit derivatives transactions reported to the DTCC SBSDR and ICE Trade Vault from February 2022 under US SEC regulations. It does not include any transactions that are required to be reported to the DTCC SDR under US CFTC regulations

Security-based Credit Derivatives Product Taxonomy

Corporate single-name CDS traded notional accounted for 71.0% of total security-based credit derivatives traded notional, while sovereign single-name CDS represented 21.6%. Corporate and sovereign single-name CDS accounted for 72.5% and 17.3% of total trade count, respectively, in the second quarter of 2024 (see Chart 28 and Chart 29).

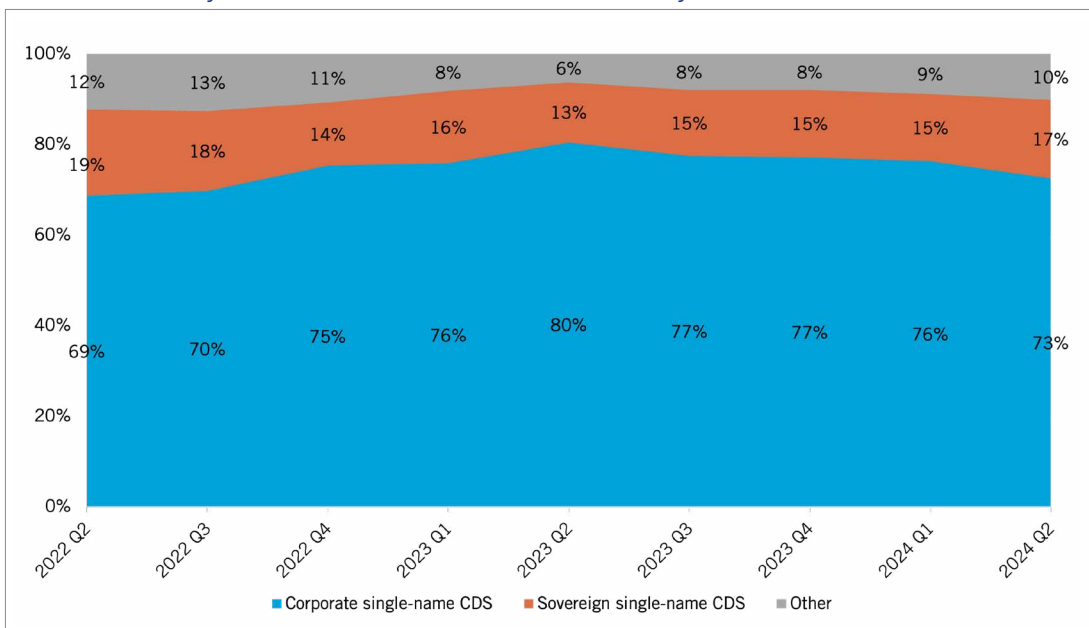
Other security-based credit derivatives, including total return swaps, index, exotic, index tranche, swaptions and other single-name swaps (eg, asset-backed, loan and municipal security-based swaps), totaled 7.4% of total security-based credit derivatives traded notional and 10.2% of total trade count

Chart 28: Security-based Credit Derivatives Traded Notional by Product



Source: DTCC and ICE Trade Vault SBSDRs

Chart 29: Security-based Credit Derivatives Trade Count by Product

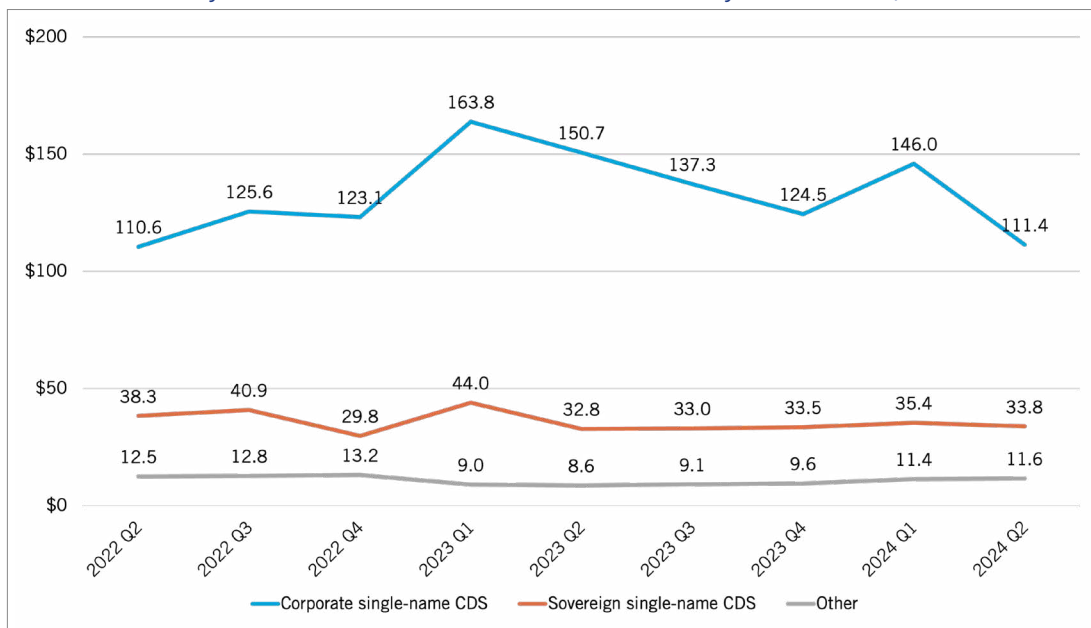


Source: DTCC and ICE Trade Vault SBSDRs

Corporate single-name CDS traded notional fell by 26.1% to \$111.4 billion in the second quarter of 2024 from \$150.7 billion in the second quarter of 2023, while trade count dropped by 29.7% to 37.3 thousand from 53.1 thousand. Sovereign single-name CDS traded notional rose by 3.3% to \$33.8 billion from \$32.8 billion and trade count grew by 1.7% to 8.9 thousand from 8.8 thousand (see Charts 30 and 31).

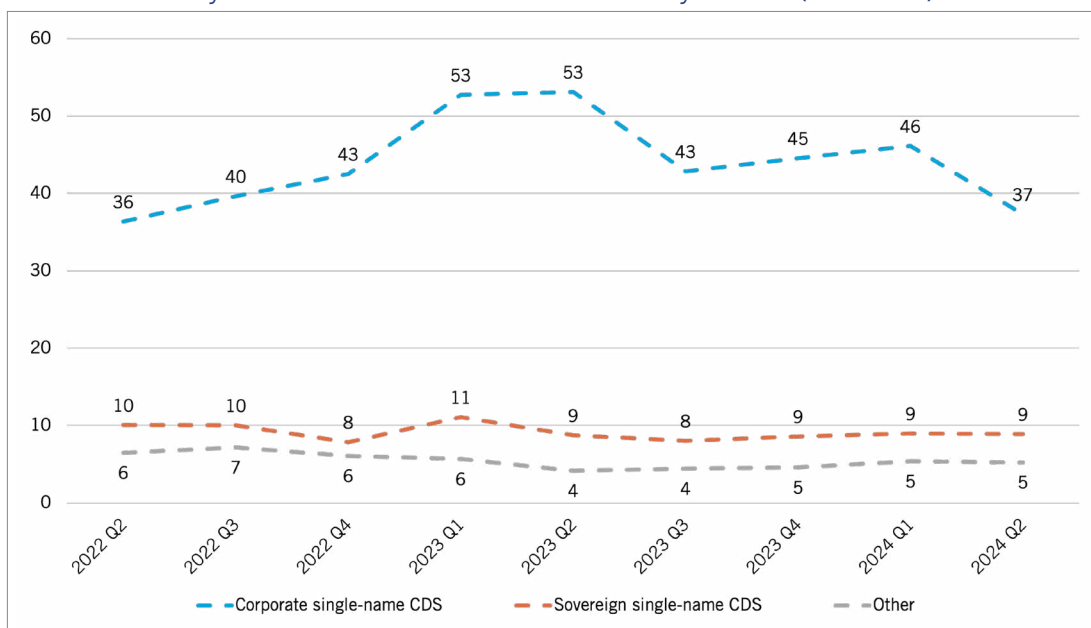
In the first half of 2024, corporate single-name CDS traded notional declined by 18.2% to \$257.4 billion from \$314.5 billion in the first half of 2023. Sovereign single-name CDS traded notional fell by 9.8% to \$69.3 billion from \$76.8 billion over the same period. Trade count for corporate and sovereign single-name CDS fell by 21.2% to 83.4 thousand and by 10.0% to 17.9 thousand, respectively.

Chart 30: Security-based Credit Derivatives Traded Notional by Product (US\$ billions)



Source: DTCC and ICE Trade Vault SBSDRs

Chart 31: Security-based Credit Derivatives Trade Count by Product (thousands)

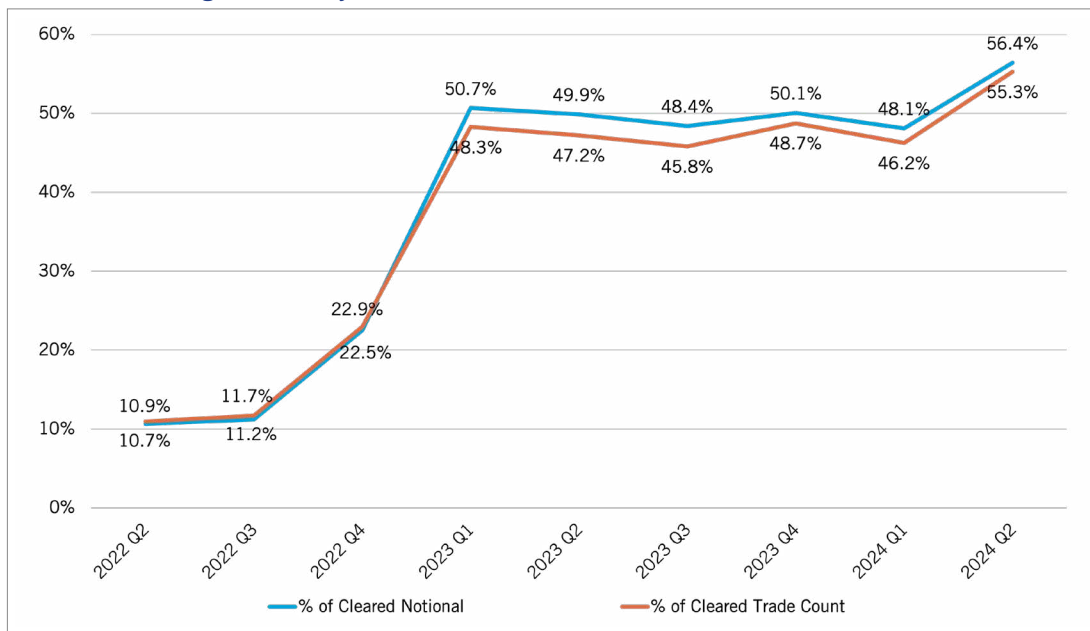


Source: DTCC and ICE Trade Vault SBSDRs

Security-based Credit Derivatives Central Clearing

Cleared security-based credit derivatives transactions accounted for 56.4% of total security-based credit derivatives traded notional and 55.3% of total trade count in the second quarter of 2024 (see Chart 32). 63.8% of corporate single-name CDS and 50.7% of sovereign single-name CDS traded notional was cleared¹³.

Chart 32: Percentage of Security-based Credit Derivatives Cleared Traded Notional and Trade Count¹⁴



Source: DTCC and ICE Trade Vault SBSDRs

¹³ Cleared includes transactions that have been cleared or are planned to be submitted to clearing

¹⁴ The percentage of cleared transactions increased significantly in the first quarter of 2023 due to a change in reporting logic. Prior to December 2022, only 'Yes' or 'No' was expected to be reported for the cleared status. Following the change, 'Intent to clear' is also expected to be reported for transactions that are planned to be submitted to clearing



ISDA has published other recent research papers:

- ***Key Trends in the Size and Composition of OTC Derivatives Markets in the Second Half of 2023***

www.isda.org/a/9i8gE/Key-Trends-in-the-Size-and-Composition-of-OTC-Derivatives-Markets-in-the-Second-Half-of-2023.pdf

- ***IRD Trading Activity Reported in EU, UK and US Markets: First Quarter of 2024***

www.isda.org/a/XA1gE/IRD-Trading-Activity-Reported-in-EU-UK-and-US-Markets-First-Quarter-of-2024.pdf

ISDA has launched a new SwapsInfo page that shows weekly traded notional and trade count for credit derivatives reported under the SEC regulations. This data includes security-based credit derivatives transactions reported to the DTCC SBSDR and ICE Trade Vault beginning February 2022. It does not include any transactions that are required to be disclosed under the CFTC regulations. To access the expanded SwapsInfo website, [click here](#).

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