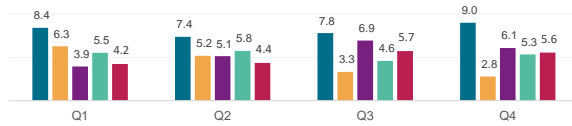


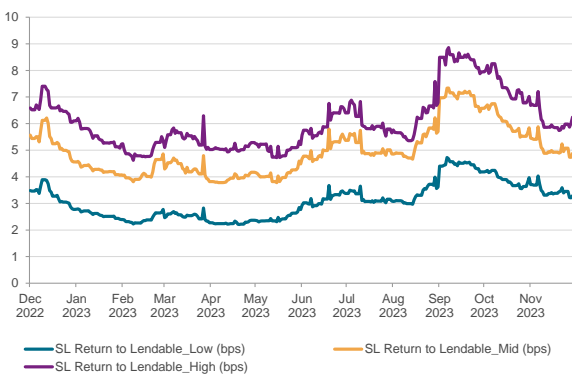
Securities Lending Returns in MSCI AC Asia Pacific Ex Japan

The MSCI AC Asia Pacific Ex Japan Index measures the performance of the large and mid cap segments across 4 of the 5 developed markets countries (Ex Japan) and 9 emerging markets countries in Asia Pacific. The index covers approximately 85% of the free float-adjusted market capitalization in each country. Securities Finance provides the securities lending return made from securities in the index since 2015 and further provides a break down by fee categories, top sectors & countries as well as the level of short interest in the index constituents. There are currently 532 securities in the index.

SL Returns to Lendable (bps) : Quarterly Comparison



SL Returns to Lendable : Dec 22 to Nov 23



Indexed Short Interest	2019	2020	2021	2022	2023*
End of Year Levels	94.9	82.5	89.9	85.5	83.9
YOY change	-40%	-13%	9%	-5%	-7%

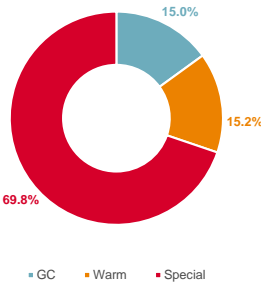
Index base date : 1st Jan 2015

* as of 30th Nov 2023

Period	SL Return to Lendable_Low (bps)		SL Return to Lendable_Mid (bps)		SL Return to Lendable_High (bps)	
	2023	2022	2023	2022	2023	2022
Annualized						
Jan	2.6	3.8	4.3	5.8	5.5	7.5
Feb	2.4	3.4	4.1	5.4	4.9	6.9
Mar	2.5	3.2	4.3	5.3	5.5	6.9
Apr	2.3	3.3	3.9	5.5	5.1	6.7
May	2.5	4.0	4.1	6.6	5.0	8.0
Jun	3.2	3.3	5.0	5.3	6.0	6.5
Jul	3.2	3.3	5.1	5.3	6.1	6.4
Aug	3.3	2.6	5.2	4.3	6.0	5.1
Sep	4.5	2.5	7.0	4.2	8.4	5.0
Oct	3.9	2.9	6.1	4.6	7.4	5.8
Nov	3.5	3.8	5.1	6.0	6.1	7.2
Dec	-	3.3	-	5.3	-	6.6
YTD	3.0	3.3	4.9	5.3	6.0	6.6
Full Year	3.0	3.3	4.9	5.3	6.0	6.6
Dec 22 to Nov 23	3.1		5.0		6.1	

SL Revenue Contribution by Fee Categories

Annual Contribution by Fee Categories: Dec 22 to Nov 23



Period	GC Contribution		Warm Contribution		Special Contribution		Warm Securities		Special Securities	
	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022
Month										
Jan	19%	10%	15%	29%	66%	60%	94	127	82	83
Feb	20%	14%	19%	21%	61%	65%	92	117	78	85
Mar	19%	15%	20%	16%	61%	68%	88	112	79	78
Apr	21%	13%	19%	17%	60%	70%	81	100	76	79
May	19%	12%	17%	16%	64%	73%	72	88	78	91
Jun	15%	15%	15%	19%	70%	66%	76	86	79	88
Jul	12%	14%	17%	16%	70%	69%	86	92	79	85
Aug	12%	18%	15%	18%	73%	64%	81	91	90	83
Sep	9%	23%	9%	15%	81%	62%	78	86	86	80
Oct	11%	21%	12%	15%	77%	64%	75	94	88	80
Nov	13%	17%	16%	14%	71%	69%	71	96	98	89
Dec	-	17%	-	14%	-	69%	-	98	-	82

Top Sectors & Countries by SL Revenue and SL Return to Lendable for Nov 2023

Top 3 Sectors by SL Return to Lendable	SL Return to Lendable (bps)	SL Revenue Contribution
Household & Personal Products	27.1	0.8%
Real Estate Management & Development	20.6	9.1%
Capital Goods	14.9	9.1%

Top 3 Sectors by SL Revenue	SL Revenue Contribution
Technology Hardware & Equipment	17.1%
Materials	17.0%
Semiconductors & Semiconductor Equipment	10.4%

Top 3 Countries by SL Return to Lendable	SL Return to Lendable (bps)	SL Revenue Contribution
China	18.2	1.0%
Taiwan	13.8	30.5%
South Korea	10.6	27.6%

Top 3 Countries by SL Revenue	SL Revenue Contribution
Hong Kong	33.7%
Taiwan	30.5%
South Korea	27.6%

Notes

- SL Return to Lendable_Low: Returns from securities lending relative to lendable value from all the lender funds who are part of the Securities Finance group
- SL Return to Lendable_Mid: Returns from securities lending relative to lendable value from only those lender funds with active loans in respective market areas that are part of the index. Funds are classified as active on a daily basis for individual market areas. This metric is used in the report unless stated otherwise
- SL Return to Lendable_High: Returns from securities lending relative to lendable value from only those lender funds with the highest loan value that represent 80% of the cumulative loan value in respective market areas that are part of the index. Funds are classified on a daily basis for individual market areas within the index.
- Indexed Short Interest: Indexed Short Interest tracks the daily change in short interest relative to market capitalization calculated for the MSCI index with an index base date of 1st Jan 2015 where the index is set to a base value of 100
- Country Classification: Country classification for common equity securities done by Securities Finance is based on the country in which the security is traded with the exception of depository receipts which are based upon the country of domicile
- Fee Classification: Securities with value weighted average securities lending fee of <= 35 bps are classified as GC, > 35 bps & <= 150 bps are classified as Warm and > 150 bps are classified as Special. This fee classification is done on a daily basis