# Securities Lending Returns in MSCI Europe

The MSCI Europe Index measures the performance of the large and mid cap segments across 15 developed markets countries in Europe. The index covers approximately 85% of the free float-adjusted market capitalization across the European developed markets equity universe. 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 427 securities on loan out of the 428 securities in the index.

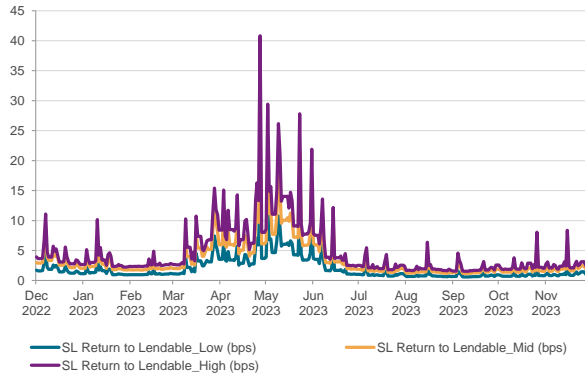### SL Returns to Lendable (bps) : Quarterly Comparison ■2019 ■2020 ■2021 ■2022 ■2023
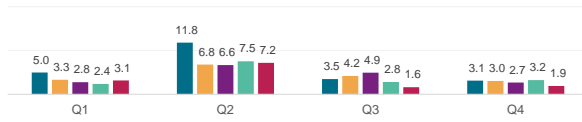
Indexed Short Interest	2019	2020	2021	2022	2023*
End of Year Levels	91.4	103.0	86.1	130.3	86.3
YOY change	-22%	13%	-16%	51%	-34%

Index base date : 1st Jan 2015   * as of 30th Nov 2023

SL Returns to Lendable : Dec 22 to Nov 23

Period	SL Return to Lendable_Low (bps)		SL Return to Lendable_Mid (bps)		SL Return to Lendable_High (bps)	
Annualized	2023	2022	2023	2022	2023	2022
Jan	1.4	0.7	2.5	1.4	3.3	1.8
Feb	1.1	0.8	2.0	1.6	2.6	2.1
Mar	2.7	2.3	4.8	4.1	6.3	5.2
Apr	4.2	3.7	7.2	6.3	10.0	7.8
May	6.0	7.2	10.0	11.9	13.4	15.1
Jun	2.2	2.5	3.9	4.2	5.0	5.2
Jul	1.0	1.6	1.9	2.9	2.5	3.8
Aug	0.8	1.5	1.5	2.7	2.0	3.6
Sep	0.8	1.5	1.5	2.8	2.0	3.5
Oct	0.9	1.7	1.7	3.0	2.4	4.0
Nov	1.1	2.1	2.1	3.5	2.7	4.7
Dec	-	1.8	-	3.2	-	4.0
YTD	2.0	2.3	3.7	4.1	4.9	5.4
Full Year	2.0	2.3	3.7	4.1	4.9	5.2
Dec 22 to Nov 23	*2.0*		*3.7*		*4.8*	

SL Revenue Contribution by Fee Categories

Annual Contribution by Fee Categories:Dec 22 to Nov 23

- GC 50.6%
- Warm 15.8%
- Special 33.6%
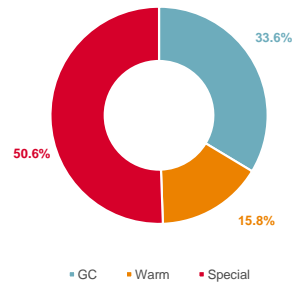
Period	GC Contribution		Warm Contribution		Special Contribution		Warm Securities		Special Securities	
Month	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022
Jan	54%	81%	16%	10%	30%	9%	14	8	4	2
Feb	70%	86%	15%	9%	14%	5%	13	11	3	1
Mar	29%	38%	13%	13%	58%	48%	27	23	10	7
Apr	20%	26%	17%	21%	63%	53%	55	51	19	14
May	12%	13%	17%	17%	71%	71%	72	58	27	25
Jun	32%	43%	15%	16%	53%	40%	44	34	10	9
Jul	59%	58%	13%	11%	28%	31%	21	17	4	5
Aug	70%	61%	12%	8%	19%	31%	13	11	3	5
Sep	69%	60%	12%	18%	20%	23%	17	15	2	5
Oct	60%	61%	13%	15%	27%	25%	15	15	3	7
Nov	49%	48%	18%	19%	33%	33%	17	19	3	7
Dec	-	44%	-	20%	-	36%	-	15	-	6

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
Consumer Discretionary Distribution & Retail	11.5	8.0%
Energy	5.2	16.6%
Utilities	4.1	9.2%

Top 3 Sectors by SL Revenue	SL Revenue Contribution
Energy	16.6%
Banks	15.3%
Capital Goods	12.2%

Top 3 Countries by SL Return to Lendable	SL Return to Lendable (bps)	SL Revenue Contribution
Norway	41.2	14.6%
Belgium	7.4	3.4%
Sweden	6.8	15.9%

Top 3 Countries by SL Revenue	SL Revenue Contribution
Sweden	15.9%
Norway	14.6%
Italy	13.2%

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
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