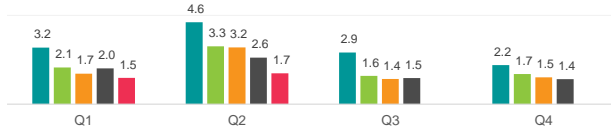


# Securities Lending Returns in MSCI World

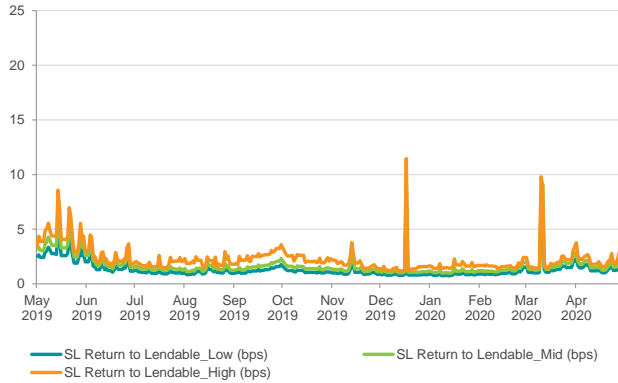


The MSCI World index is a broad global equity index that represents large and mid-cap equity performance across 23 developed markets countries. It covers approximately 85% of the free float-adjusted market capitalization in each country and MSCI world index does not offer exposure to emerging markets. IHS Markit 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 1636 securities on loan out of 1640 securities in the index

SL Returns to Lendable (bps) : Quarterly Comparison



SL Returns to Lendable : May 19 to Apr 20



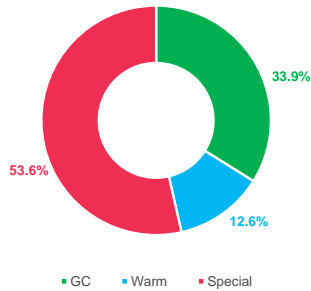
Indexed Short Interest	2016	2017	2018	2019	2020*
End of Year Levels	108.7	88.3	117.9	90.3	106.5
YOY change	-9%	-19%	34%	-23%	18%

Index base date : 1st Jan 2015 \* as of 30th April 2020

Period	SL Return to Lendable_Low (bps)		SL Return to Lendable_Mid (bps)		SL Return to Lendable_High (bps)	
	2020	2019	2020	2019	2020	2019
Annualized						
Jan	0.8	1.2	1.1	1.6	1.6	1.9
Feb	1.0	1.1	1.3	1.4	1.7	1.8
Mar	1.7	2.3	2.1	3.0	2.4	3.6
Apr	1.4	1.8	1.7	2.2	2.2	2.7
May	-	2.8	-	3.6	-	4.5
Jun	-	1.5	-	2.0	-	2.4
Jul	-	1.0	-	1.4	-	1.8
Aug	-	1.1	-	1.4	-	2.0
Sep	-	1.2	-	1.6	-	2.5
Oct	-	1.1	-	1.5	-	2.3
Nov	-	1.0	-	1.4	-	1.9
Dec	-	1.0	-	1.4	-	1.7
YTD	1.2	1.6	1.5	2.1	2.0	2.6
Full Year	1.2	1.4	1.5	1.9	2.0	2.5
May 19 - Apr 20	1.3		1.7		2.3	

## SL Revenue Contribution by Fee Categories

Annual Contribution by Fee Categories: May 19 to Apr 20



Period	GC Contribution		Warm Contribution		Special Contribution		Warm Securities		Special Securities	
	2020	2019	2020	2019	2020	2019	2020	2019	2020	2019
Month										
Jan	46%	42%	7%	8%	47%	50%	31	45	12	14
Feb	41%	47%	8%	15%	51%	38%	56	69	12	13
Mar	31%	22%	16%	13%	54%	66%	136	146	22	24
Apr	35%	27%	12%	16%	53%	58%	91	114	28	36
May	-	15%	-	12%	-	72%	-	90	-	54
Jun	-	30%	-	13%	-	57%	-	73	-	27
Jul	-	41%	-	11%	-	48%	-	43	-	18
Aug	-	41%	-	15%	-	44%	-	49	-	13
Sep	-	38%	-	19%	-	44%	-	113	-	16
Oct	-	40%	-	14%	-	47%	-	68	-	14
Nov	-	42%	-	10%	-	48%	-	38	-	17
Dec	-	40%	-	11%	-	49%	-	48	-	12

## Top Sectors & Countries by SL Revenue and SL Return to Lendable for Apr 2020

Top 3 Sectors by SL Return to Lendable	SL Return to Lendable (bps)	SL Revenue Contribution
Telecommunication Services	4.5	6.4%
Media and Entertainment	3.9	14.6%
Transportation	3.8	4.4%

Top 3 Sectors by SL Revenue	SL Revenue Contribution
Media and Entertainment	14.6%
Pharmaceuticals, Biotechnology & Life Sciences	11.4%
Software & Services	8.0%

Top 3 Countries by SL Return to Lendable	SL Return to Lendable (bps)	SL Revenue Contribution
Finland	41.9	3.6%
Norway	21.3	1.3%
Portugal	14.2	0.1%

Top 3 Countries by SL Revenue	SL Revenue Contribution
USA	29.4%
Switzerland	14.7%
Canada	10.5%

### Notes

- SL Return to Lendable\_Low: Returns from securities lending relative to lendable value from all the lender funds who are part of the IHS Markit 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