

Securities Lending Returns in MSCI Japan

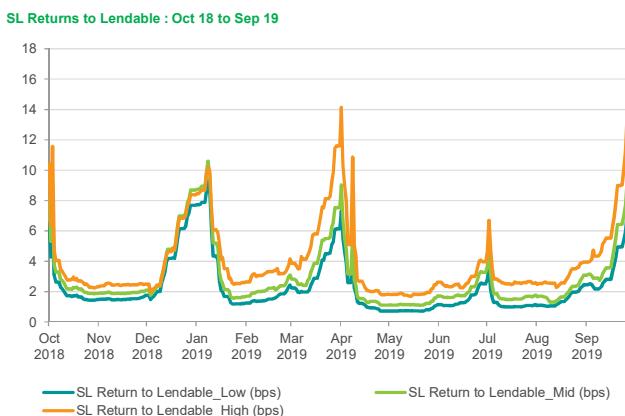


The MSCI Japan Index measures the performance of the large and mid cap segments of the Japanese market. The index covers approximately 85% of the free float-adjusted market capitalization in Japan. IHS Markit provides the securities lending return made from securities in the index since 2015 and further provides a break down by fee categories, top sectors as well as the level of short interest in the index constituents. There are currently 323 securities in the index and all the securities are on loan



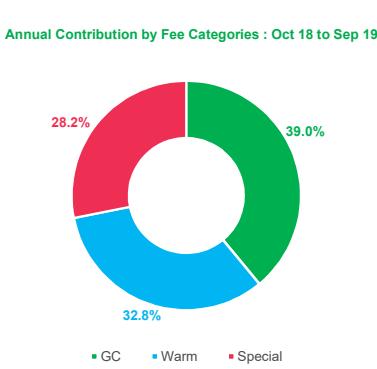
Indexed Short Interest	2015	2016	2017	2018	2019
End of Year Levels	123.5	139.8	116.3	285.4	277.7
YOY change	24%	13%	-17%	145%	-3%

Index base date : 1st Jan 2015



Period	SL Return to Lendable_Low (bps)	SL Return to Lendable_Mid (bps)	SL Return to Lendable_High (bps)	SL Return to Lendable_Low (bps)	SL Return to Lendable_Mid (bps)	SL Return to Lendable_High (bps)
Annualized	2019	2018	2019	2018	2019	2018
Jan	3.9	2.3	4.8	3.2	6.0	4.4
Feb	1.6	2.1	2.2	2.8	3.2	3.7
Mar	3.4	3.6	4.4	4.4	6.6	5.6
Apr	1.9	3.2	2.6	3.9	4.2	5.0
May	0.8	2.0	1.2	2.4	1.9	3.0
Jun	1.5	2.4	2.1	2.9	2.9	3.7
Jul	1.3	2.5	1.9	2.9	3.0	3.8
Aug	1.5	2.6	1.9	3.1	3.0	3.7
Sep	4.0	3.6	5.2	4.3	7.6	5.7
Oct	-	2.2	-	2.9	-	3.6
Nov	-	1.5	-	1.9	-	2.5
Dec	-	4.3	-	5.0	-	4.9
YTD	2.2	2.7	3.0	3.3	4.4	4.3
Full Year	2.2	2.7	3.0	3.3	4.4	4.1
Oct 18 - Sep 19	2.3		3.1		4.2	

SL Revenue Contribution by Fee Categories



Period	GC Contribution		Warm Contribution		Special Contribution		Warm Securities		Special Securities	
Month	2019	2018	2019	2018	2019	2018	2019	2018	2019	2018
Jan	24%	25%	10%	11%	66%	64%	12	16	2	4
Feb	64%	33%	26%	12%	10%	55%	29	13	1	3
Mar	29%	26%	62%	35%	9%	39%	88	49	2	4
Apr	41%	25%	45%	20%	14%	55%	40	29	4	7
May	81%	33%	11%	20%	7%	48%	8	10	1	3
Jun	42%	29%	51%	29%	8%	42%	23	17	2	2
Jul	58%	27%	26%	20%	16%	53%	12	12	2	3
Aug	70%	28%	25%	23%	5%	49%	19	24	1	2
Sep	32%	28%	56%	45%	12%	27%	82	64	4	4
Oct	-	39%	-	29%	-	32%	-	32	-	4
Nov	-	63%	-	9%	-	28%	-	7	-	2
Dec	-	23%	-	16%	-	61%	-	17	-	2

Top Sectors by SL Revenue and SL Return to Lendable for Sep 2019

Top 3 Sectors by SL Return to Lendable	SL Return to Lendable (bps)
Retailing	12.6
Telecommunication Services	10.8
Banks	10.2

Top 3 Sectors by SL Revenue	SL Revenue Contribution
Capital Goods	15%
Telecommunication Services	13%
Banks	11%

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