

Securities Lending Returns in iBoxx USD Liquid High Yield Index



IHS Markit iBoxx USD Liquid High Yield Index is designed to reflect the performance of the USD denominated high yield corporate debt. The index rules aim to offer a broad coverage of the USD high yield liquid bond universe and is market-value weighted with an issuer cap of 3%. IHS Markit Securities Finance provides the securities lending return made from the bonds in the index since 2015 and further provides a break down by fee categories, ratings & years to maturity as well as the level of Utilization in the index constituents. There are currently 1281 bonds on loan out of the 1288 bonds in the index

SL Returns to Lendable (bps) : Quarterly Comparison



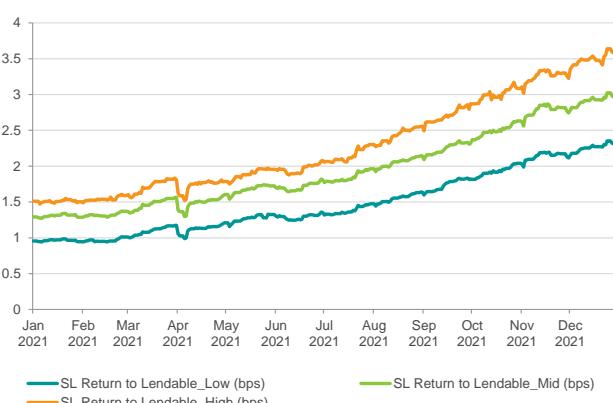
Indexed Utilization

	2017	2018	2019	2020	2021*
End of Year Utilization Levels	117.0	121.8	80.0	51.6	74.9
YOY change	-7%	4%	-34%	-36%	45%

Index base date : 1st Jan 2015

*As of 31st Dec 2021

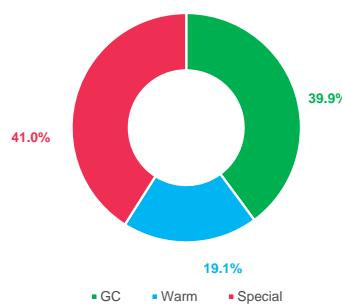
SL Returns to Lendable : Jan 21 to Dec 21



Period	SL Return to Lendable_Low (bps)		SL Return to Lendable_Mid (bps)		SL Return to Lendable_High (bps)	
	2021	2020	2021	2020	2021	2020
Annualized	1.0	2.5	1.3	2.9	1.5	3.3
Jan	1.0	2.5	1.3	2.9	1.5	3.3
Feb	1.0	2.5	1.3	2.9	1.5	3.3
Mar	1.1	1.9	1.5	2.3	1.7	2.7
Apr	1.1	1.7	1.5	2.1	1.7	2.5
May	1.3	1.4	1.7	1.7	1.9	2.1
Jun	1.3	1.3	1.7	1.6	2.0	1.9
Jul	1.4	1.1	1.8	1.4	2.2	1.7
Aug	1.6	1.0	2.1	1.3	2.4	1.5
Sep	1.7	0.9	2.2	1.2	2.7	1.4
Oct	1.9	0.8	2.5	1.2	3.0	1.4
Nov	2.1	0.9	2.8	1.2	3.3	1.4
Dec	2.3	1.0	2.9	1.3	3.5	1.5
YTD	1.5	1.3	2.0	1.7	2.3	2.0
Full Year	1.5	1.3	2.0	1.7	2.3	2.0
Jan 21 to Dec 21	1.5		2.0		2.3	

SL Revenue Contribution by Fee Categories

Annual Contribution by Fee Categories:Jan 21 to Dec 21



Period	GC Contribution		Warm Contribution		Special Contribution		Warm Securities		Special Securities	
	2021	2020	2021	2020	2021	2020	2021	2020	2021	2020
Month										
Jan	48%	24%	17%	28%	35%	48%	30	34	16	25
Feb	50%	23%	22%	18%	28%	59%	25	29	11	29
Mar	49%	31%	25%	27%	26%	42%	25	44	12	31
Apr	50%	28%	25%	30%	24%	43%	28	49	12	57
May	43%	31%	17%	30%	40%	38%	27	47	12	52
Jun	42%	35%	20%	27%	38%	38%	27	45	11	43
Jul	43%	40%	18%	31%	38%	29%	28	45	11	32
Aug	41%	44%	13%	29%	45%	27%	28	41	13	27
Sep	39%	46%	14%	25%	47%	28%	30	37	14	22
Oct	35%	49%	19%	28%	46%	23%	36	38	16	19
Nov	32%	49%	21%	20%	47%	31%	34	32	17	17
Dec	31%	46%	20%	18%	49%	36%	33	29	19	20

SL Revenue and SL Return to Lendable by Years to Maturity and Ratings for Dec 2021

Ratings	SL Return to Lendable (bps)	SL Revenue Contribution
BB	1.6	31.3%
B	2.9	33.9%
CCC	11.9	33.5%
CC	56.6	1.3%

Years to Maturity	SL Return to Lendable (bps)	SL Revenue Contribution
3 Years and Less	1.8	5%
Between 3 and 5 Years	2.6	22%
Between 5 and 7 Years	4.1	41%
7 Years and more	2.5	31%

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. Finance trades are removed from our calculation

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. Finance trades are removed from our calculation. 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. Finance trades are removed from our calculation

Indexed Utilization
Indexed Utilization tracks the daily change in lender loan value relative to lendable value calculated for the iBoxx 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