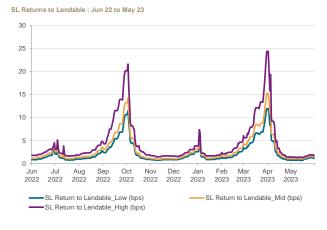
# Securities Lending Returns in MSCI Japan

# S&P Global Market Intelligence

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 237 securities in the index and all of them are out on loan.

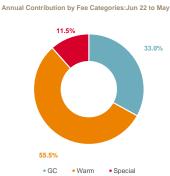


| Indexed Short Interest         | 2019  | 2020  | 2021  | 2022       | 2023*    |
|--------------------------------|-------|-------|-------|------------|----------|
| End of Year Levels             | 177.1 | 164.9 | 143.4 | 194.5      | 171.7    |
| YOY change                     | -38%  | -7%   | -13%  | 36%        | -12%     |
| Index base date : 1st Jan 2015 |       |       |       | as of 31st | May 2023 |



| Period           | SL Return to<br>Lendable_Low<br>(bps) |      |      | turn to<br>ble_Mid<br>ps) | SL Return to<br>Lendable_High<br>(bps) |      |  |
|------------------|---------------------------------------|------|------|---------------------------|--|------|--|
| Annualized       | 2023                                  | 2022 | 2023 | 2022                      | 2023                                   | 2022 |  |
| Jan              | 1.4                                   | 0.9  | 1.8  | 1.4                       | 2.4                                    | 2.2  |  |
| Feb              | 1.7                                   | 1.3  | 2.3  | 1.9                       | 3.1                                    | 3.1  |  |
| Mar              | 5.9                                   | 4.6  | 7.5  | 6.2                       | 10.9                                   | 9.0  |  |
| Apr              | 3.5                                   | 2.7  | 4.7  | 3.9                       | 6.6                                    | 6.4  |  |
| May              | 0.9                                   | 0.7  | 1.3  | 1.1                       | 1.6                                    | 1.9  |  |
| Jun              |                                       | 1.4  | -    | 1.8                       | -                                      | 2.5  |  |
| Jul              | -                                     | 1.2  | -    | 1.6                       | -                                      | 2.3  |  |
| Aug              |                                       | 1.5  | -    | 2.0                       | -                                      | 3.0  |  |
| Sep              | -                                     | 5.2  | -    | 6.6                       | -                                      | 10.4 |  |
| Oct              |                                       | 3.3  | -    | 4.2                       | -                                      | 6.5  |  |
| Nov              | -                                     | 0.9  | -    | 1.1                       | -                                      | 1.6  |  |
| Dec              | -                                     | 1.5  | -    | 1.9                       | -                                      | 2.5  |  |
| YTD              | 2.7                                   | 2.0  | 3.5  | 3.0                       | 4.9                                    | 4.8  |  |
| Full Year        | 2.7                                   | 2.1  | 3.5  | 2.8                       | 4.9                                    | 4.3  |  |
| Jun 22 to May 23 | 2.4                                   |      | 3.   | .1                        | 4.4                                    |      |  |

### SL Revenue Contribution by Fee Categories



| 22 to May 23 | Period |      | C<br>bution | Wa<br>Contri | irm<br>bution | Spe<br>Contri |      | Wa<br>Secu |      | Spe<br>Secu |      |
|--------------|--------|------|-------------|--------------|---------------|---------------|------|------------|------|-------------|------|
|              | Month  | 2023 | 2022        | 2023         | 2022          | 2023          | 2022 | 2023       | 2022 | 2023        | 2022 |
|              | Jan    | 49%  | 56%         | 34%          | 35%           | 17%           | 9%   | 14         | 10   | 3           | 3    |
| 33.0%        | Feb    | 57%  | 73%         | 41%          | 25%           | 2%            | 2%   | 32         | 13   | 1           | 1    |
|              | Mar    | 13%  | 21%         | 69%          | 68%           | 19%           | 11%  | 101        | 77   | 2           | 4    |
|              | Apr    | 20%  | 28%         | 64%          | 53%           | 17%           | 19%  | 69         | 45   | 9           | 12   |
|              | May    | 69%  | 90%         | 11%          | 8%            | 20%           | 3%   | 8          | 4    | 1           | 1    |
|              | Jun    | -    | 46%         | -            | 49%           | -             | 5%   | -          | 16   | -           | 1    |
|              | Jul    | -    | 55%         | -            | 36%           | -             | 9%   | -          | 10   | -           | 2    |
|              | Aug    | -    | 72%         | -            | 26%           | -             | 2%   | -          | 10   | -           | 1    |
|              | Sep    | -    | 18%         | -            | 74%           | -             | 8%   | -          | 77   | -           | 2    |
|              | Oct    | -    | 26%         | -            | 62%           | -             | 12%  | -          | 51   | -           | 4    |
|              | Nov    | -    | 87%         | -            | 13%           | -             | 0%   | -          | 5    | -           | -    |
|              | Dec    | -    | 47%         | -            | 48%           | -             | 6%   | -          | 18   | -           | 2    |

## Top Sectors by SL Revenue and SL Return to Lendable for May 2023

| Top 3 Sectors by SL Return to Lendable       | SL Return to<br>Lendable<br>(bps) | SL Revenue<br>Contribution | Top 3 Sectors by SL Revenue                             | SL<br>Cor |
|--|-----------------------------------|----------------------------|---|-----------|
| Consumer Discretionary Distribution & Retail | 11.1                              | 20.9%                      | <b>Consumer Discretionary Distribution &amp; Retail</b> |           |
| Transportation                               | 3.5                               | 9.7%                       | Capital Goods   |           |
| Equity Real Estate Investment Trusts (REITs) | 2.9                               | 2.3%                       | Transportation  |           |

#### 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<br>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<br>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   |
|                            |   |