

Report on the transaction dataset for SWESTR

1 January 2023 – 31 March 2023

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The Riksbank aims to be as transparent as possible regarding SWESTR. Below we therefore provide information on how any changes in the transaction dataset would have affected SWESTR if the changes were known when the respective SWESTR value was determined. The report also contains summary information about the composition of the transaction data for SWESTR.

Impact of changes in the transaction dataset

There was three errors to report during the first quarter of 2023, that is, there were three occasions during this quarter when subsequent changes in the transaction dataset had an absolute impact on SWESTR greater than 0.1 basis points.

Table 1. Absolute impact on SWESTR [ε]

Basis points

#	Value date	$0.1 < \epsilon \leq 0.5$	$0.5 < \epsilon \leq 1.0$	$1.0 < \epsilon \leq 2.0$	$2.0 < \epsilon$	Reason
1	2023-01-25	✓				Administrator error
2	2023-01-27	✓				Subsequently changed data
3	2023-02-21		✓			Late reporting or validation

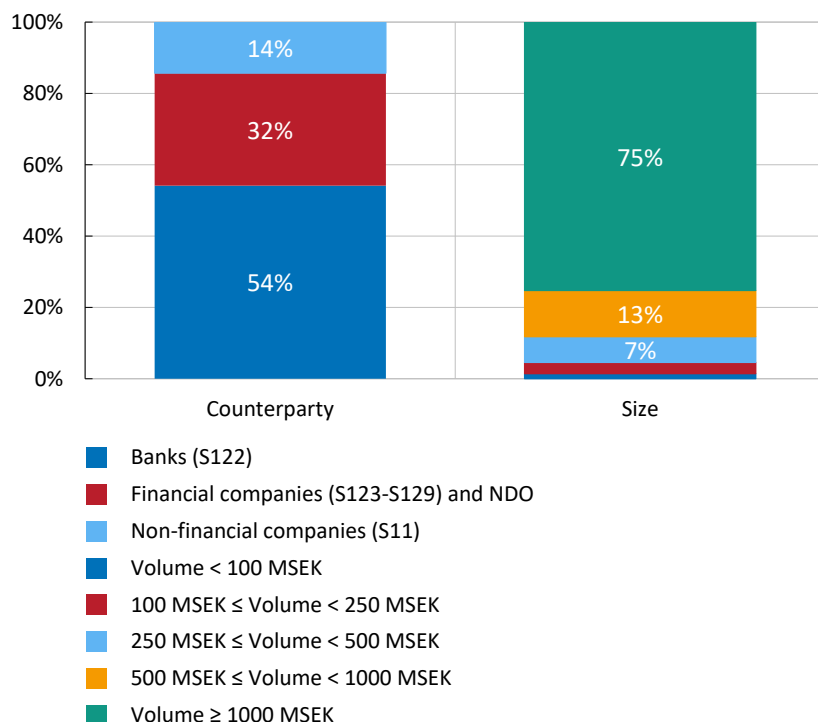
Note: Absolute impact on SWESTR in basis points (1 basis point = 0.01 percentage points). Reconciliation date for the transaction dataset is 2023-04-28. Dates are in format YYYY-MM-DD.

The composition of the transaction dataset

During the four-calendar-quarter period that ended with the first quarter of 2023, the transaction dataset, before trimming, consisted of 54 per cent of the reporting agents' transactions with banks (S122), 32 per cent of transactions with financial companies (S123-S129) and the Swedish National Debt Office and 14 per cent of transactions with non-financial companies (S11). The distribution is volume weighted.

Chart 1. Composition of the transaction dataset

The percentage distribution of the total volume by counterparty and size category



Refers to the composition of the aggregate transaction dataset over a period of four calendar quarters where the last quarter is the quarter to which the report relates.

Table 2. Composition of the transaction dataset – counterparty categories

Percentage distribution of the total transaction dataset

Last quarter	Banks (S122)	Financial companies (S123-S129) and NDO	Non-financial companies (S11)
Q1, 2023	54	32	14

Refers to the composition of the aggregate transaction dataset over a period of four calendar quarters where the last quarter is the quarter to which the report relates.

Table 3. Composition of the transaction dataset – transaction size

Percentage distribution of the total transaction dataset

Last quarter	Volume < 100 MSEK	100 MSEK ≤ Volume < 250 MSEK	250 MSEK ≤ Volume < 500 MSEK	500 MSEK ≤ Volume < 1000 MSEK	Volume ≥ 1000 MSEK
Q1, 2023	1	3	7	13	75

Refers to the composition of the aggregate transaction dataset over a period of four calendar quarters where the last quarter is the quarter to which the report relates.

About the report

The report has the reconciliation date for receiving information on the transaction data at the end of the first month following the period to which the report relates. The report is published five banking days after the record date.

The source for all the information in the report is the Riksbank.

The impact of changes in the transaction dataset

The report contains information on how subsequent changes to the transaction dataset for SWESTR would have affected SWESTR values, if they had been known when SWESTR was determined.

There is information available on the when changes have occurred to the transaction dataset between the first and the second calculation, e.g. due to late reporting or validation, but the changes were not large enough for the Riksbank to determine a corrected SWESTR value. The instances when changes occurred to the transaction dataset after the second calculation, e.g. due to a reporting agency subsequently changing the reported data, are also included. Changes to the transaction dataset due to errors by the Riksbank also appear in the report.

The report contains information on all instances where the absolute difference between the determined SWESTR value and the value calculated based on the changed transaction dataset exceeds 0.1 basis point (i.e. 0.001 percentage points). For each instance included in the report, summary information about the reasons for the changes to the transaction dataset is provided. One or more of the following three reasons for a changed transaction dataset are thus provided for each instance:

- **Late reporting or validation**
One or more reporting agencies did not report or validate transaction data by the deadline. All changes received on the publication day of the SWESTR value are attributed to this category.
- **Subsequently changed data**
One or more reporting agencies have subsequently reported changed transaction data. All changes received after the publication day of the SWESTR value are attributed to this category.
- **Administrator error**
An operational error at the Riksbank or an error in the Riksbank's system has affected the calculation.

Composition of the transaction dataset

The report describes how the total transaction dataset has been distributed over the last four calendar quarters, i.e. in aggregate over the quarter to which the report relates and the three preceding quarters. The distribution is based on the transaction data actually used for each SWESTR value.

The composition is divided into counterparty categories and volume categories for the individual underlying transactions. The sector codes next to the names of the counterparty categories refer to the European System of Accounts (ESA2010) classification.

Percentages are rounded to the nearest whole number. However, due to the rounding, the percentages do not always add up to 100 per cent.

SWESTR with value date 25 January 2023 was determined using an alternative calculation method due to a technical error in the Riksbank's system. Thus, there is no specific transaction dataset for this value.