

Change Request form

General Information (Origin of Request)		
<input checked="" type="checkbox"/> User Requirements Document (URD) <input checked="" type="checkbox"/> User Detailed Functional Specification (UDFS) <input type="checkbox"/> User Handbook (UHB) <input checked="" type="checkbox"/> Other User Functional or Technical Documentation (SYS)		
Request raised by: Danmarks Nationalbank	Institution:	Date raised: 28 April 2022
Request title: Statistical indicators for DKK		Request ref. no: TIPS-0053-URD ¹
Request type:		
1. Legal/business importance parameter: Medium	2. Market implementation efforts parameter – Stakeholder impact: Medium	
3. Operational impact: Medium	4. Financial impact parameter: Low	
5. Functional/ Technical impact: Medium	6. Interoperability impact: Low	
Requestor Category: NCB	Status: Allocated to release	

Reason for change and expected benefits/business motivation:

This change request is raised in the context of the on boarding of DKK community onto T2 and TIPS.

The high-level functional analysis of the TIPS features against the Danish Central Bank Feasibility Assessment on “TIPS Data and reports” identified a list of required changes to be implemented in TIPS for the provision of statistical data relating to the TIPS processing of payment transactions and liquidity transfers denominated in DKK.

Description of requested change:

An adaptation of the current statistical framework processing, introduced for non-Euro currencies with CR TIPS-0032, is required in order to foresee a segregation of indicators across different currencies. This change stems from the requirement of extending the applicable set of statistical indicators to DKK.

Besides the customization of the existing statistical indicators for non-euro currencies, a new set of DKK-specific statistical indicators shall be implemented.

The changes can be classified in two categories:

1. New indicators for DKK and raw data provision
2. Adaptation of existing non-euro currency indicators

For each of the above-mentioned categories, detailed requirements are listed in the following sections.

New indicators for DKK and raw data provision

This category of statistical indicators represents a gap compared to the current TIPS statistical framework. It shall be managed (i) by enriching the current reporting capabilities (e.g. by introducing a new flat-file report) and (ii) by providing raw data with a predefined schedule (e.g., on a daily or monthly basis).

Under this category, the following new indicators shall be produced:

- Number of *settled* IP transactions in DKK, aggregated by originator PSP BIC and per calendar day;
- Value of *settled* IP transactions in DKK, aggregated by originator PSP BIC and per calendar day;
- Number of *unsettled*² IP transactions in DKK per calendar day, classified per the amount of the thresholds defined below:
 - <50.00 DKK
 - 50.00-99.99 DKK

¹ XXXX = ECMS /TIPS / CONS, NNNN = 9999, DDDD = URD/UDFS/UHB

² There is no need to segregate the unsettled IP transactions into failed, rejected or expired status.

Change Request form

- 100.00-499.99 DKK
 - 500.00-999.99 DKK
 - 1,000.00-2,499.99 DKK
 - 2,500.00-4,999.99 DKK
 - 5,000.00-7,499.99 DKK
 - 7,500.00-9,999.99 DKK
 - 10,000.00-19,999.99 DKK
 - 20,000.00-99,999.99 DKK
 - 100,000.00-199,999.99 DKK
 - 200,000.00-299,999.99 DKK
 - 300,000.00-399,999.99 DKK
 - 400,000.00-499,999.99 DKK
 - 500,000.00-599,999.99 DKK
 - 600,000.00-699,999.99 DKK
 - 700,000.00-799,999.99 DKK
 - 800,000.00-899,999.99 DKK
 - 900,000.00-999,999.99 DKK
 - 1,000,000.00-1,999,999.99 DKK
 - 2,000,000.00-4,999,999.99 DKK
 - 5,000,000.00-7,499,999.99 DKK
 - >=7,500,000.00 DKK
- Value of *unsettled*³ IP transactions in DKK per calendar day, classified per the amount of the thresholds defined below:
 - <50.00 DKK
 - 50.00-99.99 DKK
 - 100.00-499.99 DKK
 - 500.00-999.99 DKK
 - 1,000.00-2,499.99 DKK
 - 2,500.00-4,999.99 DKK
 - 5,000.00-7,499.99 DKK
 - 7,500.00-9,999.99 DKK
 - 10,000.00-19,999.99 DKK
 - 20,000.00-99,999.99 DKK
 - 100,000.00-199,999.99 DKK
 - 200,000.00-299,999.99 DKK
 - 300,000.00-399,999.99 DKK
 - 400,000.00-499,999.99 DKK
 - 500,000.00-599,999.99 DKK
 - 600,000.00-699,999.99 DKK
 - 700,000.00-799,999.99 DKK
 - 800,000.00-899,999.99 DKK
 - 900,000.00-999,999.99 DKK
 - 1,000,000.00-1,999,999.99 DKK
 - 2,000,000.00-4,999,999.99 DKK
 - 5,000,000.00-7,499,999.99 DKK
 - >=7,500,000.00 DKK
 - Number of *settled* IP transactions in DKK per calendar day, classified per the amount of the thresholds defined below:
 - <50.00 DKK
 - 50.00-99.99 DKK
 - 100.00-499.99 DKK
 - 500.00-999.99 DKK
 - 1,000.00-2,499.99 DKK
 - 2,500.00-4,999.99 DKK
 - 5,000.00-7,499.99 DKK
 - 7,500.00-9,999.99 DKK
 - 10,000.00-19,999.99 DKK

³ There is no need to split the unsettled into failed, rejected or expired status.

Change Request form

- 20,000.00-99,999.99 DKK
 - 100,000.00-199,999.99 DKK
 - 200,000.00-299,999.99 DKK
 - 300,000.00-399,999.99 DKK
 - 400,000.00-499,999.99 DKK
 - 500,000.00-599,999.99 DKK
 - 600,000.00-699,999.99 DKK
 - 700,000.00-799,999.99 DKK
 - 800,000.00-899,999.99 DKK
 - 900,000.00-999,999.99 DKK
 - 1,000,000.00-1,999,999.99 DKK
 - 2,000,000.00-4,999,999.99 DKK
 - 5,000,000.00-7,499,999.99 DKK
 - >=7,500,000.00 DKK
- Value of *settled* IP transactions in DKK per calendar day, classified per the amount of the thresholds defined below:
 - <50.00 DKK
 - 50.00-99.99 DKK
 - 100,00-499.99 DKK
 - 500,00-999.99 DKK
 - 1,000,00-2,499.99 DKK
 - 2,500,00-4,999.99 DKK
 - 5,000,00-7,499.99 DKK
 - 7,500,00-9,999.99 DKK
 - 10,000,00-19,999.99 DKK
 - 20,000,00-99,999.99 DKK
 - 100,000,00-199,999.99 DKK
 - 200,000,00-299,999.99 DKK
 - 300,000,00-399,999.99 DKK
 - 400,000,00-499,999.99 DKK
 - 500,000,00-599,999.99 DKK
 - 600,000,00-699,999.99 DKK
 - 700,000,00-799,999.99 DKK
 - 800,000,00-899,999.99 DKK
 - 900,000,00-999,999.99 DKK
 - 1,000,000,00-1,999,999.99 DKK
 - 2,000,000,00-4,999,999.99 DKK
 - 5,000,000,00-7,499,999.99 DKK
 - >=7,500,000.00 DKK
 - Value of *settled* IP transactions in DKK per calendar day, per hour;
 - Value of *unsettled* IP transactions in DKK per calendar day, per hour;
 - Number of *settled* IP transactions in DKK per calendar day, per hour;
 - Number of *unsettled* IP transactions in DKK per calendar day, per hour.

Domestic transactions:

- Number of *unsettled national*⁴ IP transactions in DKK;
- Value of *unsettled national* IP transactions in DKK;
- Value of *settled national* IP transactions in DKK.

Cross-border transactions:

- Number of *unsettled cross-border*⁵ IP transactions in DKK (originator PSP view⁶);
- Number of *unsettled cross-border* IP transactions in DKK (beneficiary PSP view⁷);
- Value of *unsettled cross-border* IP transactions in DKK (originator PSP view⁶);
- Value of *unsettled cross-border* IP transactions in DKK (beneficiary PSP view⁷);
- Value of *settled cross-border* IP transactions in DKK (originator PSP view⁶);
- Value of *settled cross-border* IP transactions in DKK (beneficiary PSP view⁷).

⁴ National IP transactions are identified when the country codes of the BICs of the originator PSP and the beneficiary PSP are equal.

⁵ Cross-border IP transactions are identified when the country codes of the BIC of the originator PSP and beneficiary PSP are different.

Change Request form

Additionally, the new **raw data extraction** shall contain granular data relating to inbound/outbound (LT to/from TIPS DCA from/to MCA, RTGS DCA and T2S DCA) and intra-service Liquidity Transfers (LT to/from TIPS DCA from/to AS technical account), including BICs, accounts, transaction identifier, timestamp (or date) and amount. Data should be on a transaction-transaction basis. The extraction shall be delivered to the Danmarks Nationalbank on a monthly basis, preferably via a procedure that avoid setup of an A2A channel (at least to avoid the A2A instant messaging protocol) only for this purpose. Danmarks Nationalbank prefers to receive the statistical indicators and raw data in the same way, if possible.

Adaptation of existing indicators:

Under this category, the following existing indicators shall be amended, e.g. to include the new currency or new thresholds:

- Number of *positive confirmation* messages in DKK per duration of the processing;
 - ≤ 0,5 second
 - > 0,5 second and ≤ 1 second
 - > 1 second and ≤ 2 seconds
 - > 2 seconds and ≤ 3 seconds
 - > 3 seconds and ≤ 4 seconds
 - > 4 seconds and ≤ 5 seconds
 - > 5 seconds and ≤ 10 seconds
 - > 10 seconds and ≤ 15 seconds
 - > 15 seconds and ≤ 20 seconds
 - > 20 seconds and ≤ 25 seconds
 - > 25 seconds
- Number of *negative confirmation* messages in DKK per duration of the processing;
 - ≤ 5 seconds
 - > 5 seconds and ≤ 10 seconds
 - > 10 seconds and ≤ 15 seconds
 - > 15 seconds and ≤ 20 seconds
 - > 20 seconds and ≤ 25 seconds
 - > 25 seconds
 - no confirmation after 25 sec
- Number of Investigation requests for instant payments in DKK processed by TIPS.

Domestic transactions:

- Number of *settled national*⁴ IP transactions in DKK;
- Number of *unsettled national* IP transactions in DKK, grouped by error code;
- Number of *national* Recall request in DKK;
- Number of *national* Recall request in DKK, grouped by reason code;
- Number of *national* Request for Recall by the Originator in DKK.

Cross-border transactions:

- Number of *settled* cross-border⁵ IP transactions in DKK (originator PSP view⁶);
- Number of *settled* cross-border IP transactions in DKK (beneficiary PSP view⁷);
- Number of *cross-border* Recall request in DKK (originator PSP view⁶);
- Number of *cross-border* Recall request in DKK (beneficiary PSP view⁷);
- Number of *cross-border* Request for Recall by the Originator (originator PSP view⁶);
- Number of *cross-border* Request for Recall by the Originator (beneficiary PSP view⁷);
- Number of *cross-border* Recall request in DKK, grouped by reason code; (originator PSP view⁶);
- Number of *cross-border* Recall request in DKK, grouped by reason code; (beneficiary PSP view⁶);
- Number of *unsettled cross-border* IP transactions in DKK, grouped by reason code (originator PSP view⁶);
- Number of *unsettled cross-border* IP transactions in DKK, grouped by reason code (beneficiary PSP view⁷).

⁶ Grouped by the country code of the originator BIC, following the same methodology of the EPC statistics.

⁷ Grouped by the country code of the beneficiary BIC, following the same methodology of the EPC statistics.

Change Request form

The above-mentioned statistical indicators, including the raw data for liquidity transfers, that include the figures relating to the month (M-1) shall be ready for delivery, on a monthly basis, at the latest on the 5th working day of the month M.

Moreover, the different statistical indicators have been classified as “mandatory” or “nice-to-have” during the detailed assessment according to the mapping table below. It would be beneficial for the outcome of the cost assessment to provide a separate quotation for ‘mandatory’ and ‘nice-to-have’ (i.e. optional) indicators to allow the decision-making bodies to take appropriate actions (e.g. acceptance of the full scope, reduction of the scope, postponement of optional requirements to a following release, etc.).

The identified statistical indicators should reflect the details and requirements specified in the Feasibility Assessment note.

Statistical indicator	Mandatory	Optional	Status
Number of <i>settled</i> IP transactions in DKK per calendar day, aggregated by originator PSP BIC	x		New
Value of <i>settled</i> IP transactions in DKK per calendar day, aggregated by originator PSP BIC	x		New
Number of <i>unsettled</i> IP transactions in DKK per calendar day, classified per the amount	x		New
Value of <i>unsettled</i> IP transactions in DKK per calendar day, classified per the amount	x		New
Value of <i>settled</i> IP transactions in DKK per calendar day, per hour		x	New
Value of <i>unsettled</i> IP transactions in DKK per calendar day, per hour		x	New
Number of <i>unsettled</i> IP transactions in DKK per calendar day, per hour		x	New
Number of <i>unsettled</i> national IP transactions in DKK		x	New
Value of <i>unsettled national</i> IP transactions in DKK		x	New
Value of <i>settled national</i> IP transactions in DKK		x	New
Number of <i>unsettled</i> cross-border IP transactions in DKK (originator PSP view)		x	New
Number of <i>unsettled cross-border</i> IP transactions in DKK (beneficiary PSP view)		x	New
Value of <i>unsettled cross-border</i> IP transactions in DKK (originator PSP view)		x	New
Value of <i>unsettled cross-border</i> IP transactions in DKK (beneficiary PSP view)		x	New
Value of <i>settled cross-border</i> IP transactions in DKK (originator PSP view)		x	New
Value of <i>settled cross-border</i> IP transactions in DKK (beneficiary PSP view)		x	New
Number of <i>settled</i> IP transactions in DKK per calendar day, classified per the amount	x		New
Value of <i>settled</i> IP transactions in DKK per calendar day, classified per the amount	x		New
Number of <i>settled</i> IP transactions in DKK per calendar day, per hour;		x	New
Number of <i>positive confirmation</i> messages in DKK per duration of the processing		x	Change
Number of <i>negative confirmation</i> messages in DKK per duration of the processing		x	Change
Number of Investigation requests for instant payments in DKK processed by TIPS		x	Change
Number of <i>settled</i> national IP transactions in DKK		x	Change
Number of <i>unsettled</i> national IP transactions in DKK, grouped by error code		x	Change
Number of national Recall request in DKK		x	Change
Number of national Recall request in DKK, grouped by reason code		x	Change
Number of national Request for Recall by the Originator in DKK		x	Change

Change Request form

Number of settled cross-border IP transactions in DKK (originator PSP view)		x	Change
Number of settled cross-border IP transactions in DKK (beneficiary PSP view)		x	Change
Number of <i>cross-border</i> Recall request in DKK (originator PSP view)		x	Change
Number of <i>cross-border</i> Recall request in DKK (beneficiary PSP view)		x	Change
Number of <i>cross-border</i> Request for Recall by the Originator (originator PSP view)		x	Change
Number of <i>cross-border</i> Request for Recall by the Originator (beneficiary PSP view)		x	Change
Number of <i>cross-border</i> Recall request in DKK, grouped by reason code (originator PSP view)		x	Change
Number of <i>cross-border</i> Recall request in DKK, grouped by reason code (beneficiary PSP view)		x	Change
Number of <i>unsettled cross-border</i> IP transactions in DKK, grouped by error code (originator PSP view)		x	Change
Number of <i>unsettled cross-border</i> IP transactions in DKK, grouped by error code (beneficiary PSP view)		x	Change
Raw data extraction for LTs	x		New

Submitted annexes / related documents:

Proposed wording for the Change request:

TIPS UDFS v5.0.1

1) 1.5.6.3.1 Liquidity transfer raw data for non-Euro currency (new chapter)

For the DKK currency a dedicated new raw data extraction is introduced whose content is the granular data relating to settled Liquidity Transfers (LTs) in TIPS according to the classification below:

- 1) All inbound LTs (e.g. from an MCA, RTGS DCA or T2S DCA to a TIPS DCA).
- 2) All outbound LTs (e.g.. from a TIPS DCA to an MCA, RTGS DCA or T2S DCA) and
- 3) intra-service LTs (i.e. from a TIPS DCA to an AS technical account, or viceversa).

The raw data is produced in the form of a flat-file and shall include the following fields, for each liquidity transfer:

- 1) Debtor BIC,
- 2) Creditor BIC,
- 3) Debtor account,
- 4) Creditor accounts,
- 5) Transaction identifier,
- 6) Settlement timestamp,
- 7) Settlement date,
- 8) Amount,
- 9) Currency.

Change Request form

Transactional data shall be accrued on a daily basis into the monthly raw data report. The generation of the raw data report and statistics for DKK shall be triggered by the TIPS Operator through a dedicated functionality for creating monthly and quarterly reports via the TIPS GUI.

2) 1.5.8 Statistical Indicators for non-Euro currency

TIPS provides the TIPS Operator with the functionality for creating monthly and quarterly reports for statistical information on Instant Payment, Recall and Investigation transactions in non-Euro currency. TIPS Operators are the only users allowed creating the reports. The TIPS operator, then, provides the generated report to the responsible relevant CB.

The created reports remain available in the system for 12 months.

This section describes the statistical indicators provided by TIPS giving useful information about Instant Payment transactions. All the indicators described below rely on a time frame of a quarter of year or of a month, despite the data are collected on a daily basis.

The indicators are generically divided into three main categories, even though some specificities⁸ may be requested at non-Euro currency level taking SEK currency as a reference:

1. General figures
2. National Transactions
3. Cross-border transactions

Each indicator is referenced with a unique code. The reader can refer to [4.3.4 "List of general indicators for non-Euro currencies"](#) for additional details.

3) 1.5.8.1 General figures

This category of indicators provides general information about TIPS transactions denominated in a currency different from euro (e.g. SEK, DKK), not focusing on qualitative aspects (e.g. the country code of the BIC of either the Originator PSP or the Beneficiary PSP) of the operations, but only on quantitative measures. ~~Seven~~Fifteen indicators belong to this category:

- **Number** of IP transactions in non-Euro currencySEK, per Amount;
- **Number** of IP transactions in non-Euro currencySEK, per Hour;
- **Number** of **positive confirmation** messages per *duration of the processing*;
- **Number** of **negative confirmation** messages per *duration of the processing*;
- ~~Total n~~**Number** of Investigation Requests for IP transactions in non-Euro currencySEK, processed by TIPS;
- ~~Total number of IP transactions in SEK with a settled status;~~
- ~~Total value of IP transactions in SEK with a settled status.~~
- **Number of settled** IP transactions in non-Euro currency, aggregated by Originator PSP BIC and calendar day;
- **Value of settled** IP transactions in non-Euro currency, aggregated by Originator PSP BIC and calendar day;
- **Number of settled** IP transactions in non-Euro currency per calendar day, per amount;
- **Value of settled** IP transactions in non-Euro currency per calendar day, per amount;

⁸ For instance, some statistical indicators may be produced only for one or a sub-set of non-Euro currencies.

Change Request form

- Number of unsettled IP transactions in non-Euro currency per calendar day, per amount.
- Value of unsettled IP transactions in non-Euro currency per calendar day, per amount.
- Number of settled IP transactions in non-Euro currency per calendar day, per hour.
- Value of settled IP transactions in non-Euro currency per calendar day, per hour.
- Number of unsettled IP transactions in non-Euro currency per calendar day, per hour.
- Value of unsettled IP transactions in non-Euro currency per calendar day, per hour.

4) 1.5.8.1.1 Number of IP transactions in non-Euro currency SEK per Amount

This indicator (TIPS.stat.M1) gives the number of all the IP transactions in the period under analysis, grouped by the currency amount of the operation and divided by currency (e.g. SEK, DKK), regardless of their final status (i.e. 'settled', 'rejected', 'failed' or 'expired'). The final status of the transaction is irrelevant, therefore not only the settled, but also the unsettled operations ('rejected', 'failed' or 'expired') are involved into the calculation of the indicator. The ranges are currency-specific, hence, a different range of amount may be defined for each non-Euro currency.

In the table below there the twelve ranges defined for the grouping of IP transactions in SEK are listed are the twelve amount ranges in which each IP transaction shall be classified.

Table 1 - Number of transactions in SEK per amount

Amount	Code reference
< 100 SEK	TIPS.stat.M1.a(SEK)
≥ 100 SEK and < 500 SEK	TIPS.stat.M1.b(SEK)
≥ 500 SEK and < 1,000 SEK	TIPS.stat.M1.c(SEK)
≥ 1,000 SEK and < 5,000 SEK	TIPS.stat.M1.d(SEK)
≥ 5,000 SEK and < 10,000 SEK	TIPS.stat.M1.e(SEK)
≥ 10,000 SEK and < 50,000 SEK	TIPS.stat.M1.f(SEK)
≥ 50,000 SEK and < 100,000 SEK	TIPS.stat.M1.g(SEK)
≥ 100,000 SEK and ≤ 500,000 SEK	TIPS.stat.M1.h(SEK)
≥ 500,000 SEK and ≤ 1,000,000 SEK	TIPS.stat.M1.i(SEK)
≥ 1,000,000 SEK and ≤ 5,000,000 SEK	TIPS.stat.M1.j(SEK)
≥ 5,000,000 SEK and ≤ 10,000,000 SEK	TIPS.stat.M1.k(SEK)
≥ 10,000,000 SEK	TIPS.stat.M1.l(SEK)

Conversely, in the table below, the twenty-three ranges defined for the grouping of IP transactions in DKK are listed.

Table 2 - Number of transactions in DKK per amount

Amount	Code reference
< 50.00 DKK	TIPS.stat.M1.a(DKK)
≥ 50 DKK and < 100 DKK	TIPS.stat.M1.b(DKK)
≥ 100 DKK and < 500 DKK	TIPS.stat.M1.c(DKK)
≥ 500 DKK and < 1,000 DKK	TIPS.stat.M1.d(DKK)
≥ 1,000 DKK and < 2,500 DKK	TIPS.stat.M1.e(DKK)

Change Request form

Amount	Code reference
≥ 2,500 DKK and < 5,000 DKK	TIPS.stat.M1.f(DKK)
≥ 5,000 DKK and < 7,500 DKK	TIPS.stat.M1.g(DKK)
≥ 7,500 DKK and < 10,000 DKK	TIPS.stat.M1.h(DKK)
≥ 10,000 DKK and < 20,000 DKK	TIPS.stat.M1.i(DKK)
≥ 20,000 DKK and < 100,000 DKK	TIPS.stat.M1.j(DKK)
≥ 100,000 DKK and < 200,000 DKK	TIPS.stat.M1.k(DKK)
≥ 200,000 DKK and < 300,000 DKK	TIPS.stat.M1.l(DKK)
≥ 300,000 DKK and < 400,000 DKK	TIPS.stat.M1.m(DKK)
≥ 400,000 DKK and < 500,000 DKK	TIPS.stat.M1.n(DKK)
≥ 500,000 DKK and < 600,000 DKK	TIPS.stat.M1.o(DKK)
≥ 600,000 DKK and < 700,000 DKK	TIPS.stat.M1.p(DKK)
≥ 700,000 DKK and < 800,000 DKK	TIPS.stat.M1.q(DKK)
≥ 800,000 DKK and < 900,000 DKK	TIPS.stat.M1.r(DKK)
≥ 900,000 DKK and < 1,000,000 DKK	TIPS.stat.M1.s(DKK)
≥ 1,000,000 DKK and < 2,000,000 DKK	TIPS.stat.M1.t(DKK)
≥ 2,000,000 DKK and < 5,000,000 DKK	TIPS.stat.M1.u(DKK)
≥ 5,000,000 DKK and < 7,500,000 DKK	TIPS.stat.M1.w(DKK)
≥ 7,500,000 DKK	TIPS.stat.M1.x(DKK)

For ~~each~~ every range class – between TIPS.stat.M1.b and TIPS.stat.M1.k – only the left-side extremity is included in the range, whereby, if ~~Therefore,~~ taking as an example an IP transaction amount whose amount is equal to 500 SEK, it will be part of the third range (i.e. 500 – 1,000 SEK), while an IP transaction whose amount is equal to 1,000 SEK -is classified into the fourth range class (i.e. 1,000 – 5,000 SEK).

5) 1.5.8.1.2 Number of IP transactions in non-Euro currency SEK per Hour

This indicator (TIPS.stat.M2) gives the number of all the IP transactions in the period under analysis grouped by the settlement timestamp of execution, regardless of their final status (i.e. 'settled', 'rejected', 'failed' or 'expired'). ~~The final status of the transaction is irrelevant, therefore not only the settled, but also the unsettled operations ('rejected', 'failed' or 'expired'), are involved in the calculation of the indicator.~~

[...]

Table 3 - Number of transactions in non-Euro currency SEK per timestamp

Hour	CodeIndicator's reference
00h00 - 01h00 CET	TIPS.stat.M2.a
[...]	[...]

[...]

6) 1.5.8.1.3 Number of positive confirmation messages per duration of the processing

Table 42 - Number of IP transactions in non-Euro currency SEK per duration of processing

Receipt of confirmation message	CodeIndicator's reference
---------------------------------	---------------------------

Change Request form

Receipt of confirmation message	CodeIndicator's reference
≤ 0,5 second	TIPS.stat.M3.a
[...]	[...]

[...]

7) 1.5.8.1.4 Number of negative confirmation messages per duration of the processing

Table 43 - Number of unsettled IP transactions in non-Euro currencySEK per duration of processing

Receipt of confirmation message	CodeIndicator's reference
≤ 5 seconds	TIPS.stat.M4.a
[...]	[...]

[...]

8) 1.5.8.1.5 Number of Investigation Requests processed by TIPS

Table 4 - Number of investigation requests relevant to IP transactions in non-Euro currencySEK

Number of Investigations	CodeIndicator's reference
Investigations	TIPS.stat.M5.a

[...]

8) 1.5.8.1.6 Number of settled IP transactions in non-Euro currency, aggregated by originator PSP BIC (new chapter)

The indicator (TIPS.stat.M14) provides the number of settled IP transactions in non-Euro currency, for each calendar day of the period under analysis, grouped by the Originator PSP BIC.

Table 5 - Number of settled IP transactions in DKK, by Originator PSP BIC and calendar day

Number of settled IPs per Originator PSP BIC and calendar day	Code reference
[BIC] _x [Calendar day] _y [IP] _z	TIPS.stat.M14 _(DKK)

10) 1.5.8.1.7 Value of settled IP transactions in non-Euro currency, aggregated by originator PSP BIC (new chapter)

The indicator (TIPS.stat.M15) provides the value of settled IP transactions in non-Euro currency, for each calendar day of the period under analysis, grouped by the Originator PSP BIC.

Table 46 - Value of settled IP transactions in DKK, by Originator PSP BIC and calendar day

Value of settled IPs per Originator PSP BIC and calendar day	Code reference
[BIC] _x [Calendar day] _y [Total amount] _z	TIPS.stat.M15 _(DKK)

11) 1.5.8.1.8 Number of settled IP transactions in non-Euro currency, per amount (new chapter)

The indicator (TIPS.stat.M16) provides, for each calendar day of the period under analysis, the number of settled IP transactions in non-Euro currency grouped by amount.

Change Request form

Table 6 - Number of settled IP transactions in DKK per amount and calendar day

Amount and calendar day	Code reference
[< 50.00 DKK].[Calendar day] _x	TIPS.stat.M16.a(DKK)
[≥ 50 DKK and < 100 DKK].[Calendar day] _x	TIPS.stat.M16.b(DKK)
[≥ 100 DKK and < 500 DKK].[Calendar day] _x	TIPS.stat.M16.c(DKK)
[≥ 500 DKK and < 1,000 DKK].[Calendar day] _x	TIPS.stat.M16.d(DKK)
[≥ 1,000 DKK and < 2,500 DKK].[Calendar day] _x	TIPS.stat.M16.e(DKK)
[≥ 2,500 DKK and < 5,000 DKK].[Calendar day] _x	TIPS.stat.M16.f(DKK)
[≥ 5,000 DKK and < 7,500 DKK].[Calendar day] _x	TIPS.stat.M16.g(DKK)
[≥ 7,500 DKK and < 10,000 DKK].[Calendar day] _x	TIPS.stat.M16.h(DKK)
[≥ 10,000 DKK and < 20,000 DKK].[Calendar day] _x	TIPS.stat.M16.i(DKK)
[≥ 20,000 DKK and < 100,000 DKK].[Calendar day] _x	TIPS.stat.M16.j(DKK)
[≥ 100,000 DKK and < 200,000 DKK].[Calendar day] _x	TIPS.stat.M16.k(DKK)
[≥ 200,000 DKK and < 300,000 DKK].[Calendar day] _x	TIPS.stat.M16.l(DKK)
[≥ 300,000 DKK and < 400,000 DKK].[Calendar day] _x	TIPS.stat.M16.m(DKK)
[≥ 400,000 DKK and < 500,000 DKK].[Calendar day] _x	TIPS.stat.M16.n(DKK)
[≥ 500,000 DKK and < 600,000 DKK].[Calendar day] _x	TIPS.stat.M16.o(DKK)
[≥ 600,000 DKK and < 700,000 DKK].[Calendar day] _x	TIPS.stat.M16.p(DKK)
[≥ 700,000 DKK and < 800,000 DKK].[Calendar day] _x	TIPS.stat.M16.q(DKK)
[≥ 800,000 DKK and < 900,000 DKK].[Calendar day] _x	TIPS.stat.M16.r(DKK)
[≥ 900,000 DKK and < 1,000,000 DKK].[Calendar day] _x	TIPS.stat.M16.s(DKK)
[≥ 1,000,000 DKK and < 2,000,000 DKK].[Calendar day] _x	TIPS.stat.M16.t(DKK)
[≥ 2,000,000 DKK and < 5,000,000 DKK].[Calendar day] _x	TIPS.stat.M16.u(DKK)
[≥ 5,000,000 DKK and < 7,500,000 DKK].[Calendar day] _x	TIPS.stat.M16.w(DKK)
[≥ 7,500,000 DKK].[Calendar day] _x	TIPS.stat.M16.x(DKK)

12) 1.5.8.1.9 Value of settled IP transactions in non-Euro currency, per amount (new chapter)

The indicator (TIPS.stat.M17) provides, for each calendar day of the period under analysis, the value of settled IP transactions in non-Euro currency grouped by amount.

Table 7 - Value of settled transactions in DKK per amount and calendar day

Amount and calendar day	Code reference
[< 50.00 DKK].[Calendar day] _x . [Total amount] _y	TIPS.stat.M17.a(DKK)
[≥ 50 DKK and < 100 DKK].[Calendar day] _x . [Total amount] _y	TIPS.stat.M17.b(DKK)
[≥ 100 DKK and < 500 DKK].[Calendar day] _x . [Total amount] _y	TIPS.stat.M17.c(DKK)
[≥ 500 DKK and < 1,000 DKK].[Calendar day] _x . [Total amount] _y	TIPS.stat.M17.d(DKK)
[≥ 1,000 DKK and < 2,500 DKK].[Calendar day] _x . [Total amount] _y	TIPS.stat.M17.e(DKK)
[≥ 2,500 DKK and < 5,000 DKK].[Calendar day] _x . [Total amount] _y	TIPS.stat.M17.f(DKK)
[≥ 5,000 DKK and < 7,500 DKK].[Calendar day] _x . [Total amount] _y	TIPS.stat.M17.g(DKK)
[≥ 7,500 DKK and < 10,000 DKK].[Calendar day] _x . [Total amount] _y	TIPS.stat.M17.h(DKK)
[≥ 10,000 DKK and < 20,000 DKK].[Calendar day] _x . [Total amount] _y	TIPS.stat.M17.i(DKK)
[≥ 20,000 DKK and < 100,000 DKK].[Calendar day] _x . [Total amount] _y	TIPS.stat.M17.j(DKK)
[≥ 100,000 DKK and < 200,000 DKK].[Calendar day] _x . [Total amount] _y	TIPS.stat.M17.k(DKK)

Change Request form

Amount and calendar day	Code reference
$\geq 200,000$ DKK and $< 300,000$ DKK].[Calendar day] _x .[Total amount] _y	TIPS.stat.M17.l(DKK)
$\geq 300,000$ DKK and $< 400,000$ DKK].[Calendar day] _x .[Total amount] _y	TIPS.stat.M17.m(DKK)
$\geq 400,000$ DKK and $< 500,000$ DKK].[Calendar day] _x .[Total amount] _y	TIPS.stat.M17.n(DKK)
$\geq 500,000$ DKK and $< 600,000$ DKK].[Calendar day] _x .[Total amount] _y	TIPS.stat.M17.o(DKK)
$\geq 600,000$ DKK and $< 700,000$ DKK].[Calendar day] _x .[Total amount] _y	TIPS.stat.M17.p(DKK)
$\geq 700,000$ DKK and $< 800,000$ DKK].[Calendar day] _x .[Total amount] _y	TIPS.stat.M17.q(DKK)
$\geq 800,000$ DKK and $< 900,000$ DKK].[Calendar day] _x .[Total amount] _y	TIPS.stat.M17.r(DKK)
$\geq 900,000$ DKK and $< 1,000,000$ DKK].[Calendar day] _x .[Total amount] _y	TIPS.stat.M17.s(DKK)
$\geq 1,000,000$ DKK and $< 2,000,000$ DKK].[Calendar day] _x .[Total amount] _y	TIPS.stat.M17.t(DKK)
$\geq 2,000,000$ DKK and $< 5,000,000$ DKK].[Calendar day] _x .[Total amount] _y	TIPS.stat.M17.u(DKK)
$\geq 5,000,000$ DKK and $< 7,500,000$ DKK].[Calendar day] _x .[Total amount] _y	TIPS.stat.M17.w(DKK)
$\geq 7,500,000$ DKK].[Calendar day] _x .[Total amount] _y	TIPS.stat.M17.x(DKK)

13) 1.5.8.1.10 Number of unsettled IP transactions in non-Euro currency, per amount (new chapter)

The indicator (TIPS.stat.M18) provides, for each calendar day of the period under analysis, the value of unsettled IP transactions in non-Euro currency grouped by amount.

Table 49 - Number of unsettled IP transactions in DKK per amount and calendar day

Amount and calendar day	Code reference
< 50.00 DKK].[Calendar day] _x	TIPS.stat.M18.a(DKK)
≥ 50 DKK and < 100 DKK].[Calendar day] _x	TIPS.stat.M18.b(DKK)
≥ 100 DKK and < 500 DKK].[Calendar day] _x	TIPS.stat.M18.c(DKK)
≥ 500 DKK and $< 1,000$ DKK].[Calendar day] _x	TIPS.stat.M18.d(DKK)
$\geq 1,000$ DKK and $< 2,500$ DKK].[Calendar day] _x	TIPS.stat.M18.e(DKK)
$\geq 2,500$ DKK and $< 5,000$ DKK].[Calendar day] _x	TIPS.stat.M18.f(DKK)
$\geq 5,000$ DKK and $< 7,500$ DKK].[Calendar day] _x	TIPS.stat.M18.g(DKK)
$\geq 7,500$ DKK and $< 10,000$ DKK].[Calendar day] _x	TIPS.stat.M18.h(DKK)
$\geq 10,000$ DKK and $< 20,000$ DKK].[Calendar day] _x	TIPS.stat.M18.i(DKK)
$\geq 20,000$ DKK and $< 100,000$ DKK].[Calendar day] _x	TIPS.stat.M18.j(DKK)
$\geq 100,000$ DKK and $< 200,000$ DKK].[Calendar day] _x	TIPS.stat.M18.k(DKK)
$\geq 200,000$ DKK and $< 300,000$ DKK].[Calendar day] _x	TIPS.stat.M18.l(DKK)
$\geq 300,000$ DKK and $< 400,000$ DKK].[Calendar day] _x	TIPS.stat.M18.m(DKK)
$\geq 400,000$ DKK and $< 500,000$ DKK].[Calendar day] _x	TIPS.stat.M18.n(DKK)
$\geq 500,000$ DKK and $< 600,000$ DKK].[Calendar day] _x	TIPS.stat.M18.o(DKK)
$\geq 600,000$ DKK and $< 700,000$ DKK].[Calendar day] _x	TIPS.stat.M18.p(DKK)
$\geq 700,000$ DKK and $< 800,000$ DKK].[Calendar day] _x	TIPS.stat.M18.q(DKK)
$\geq 800,000$ DKK and $< 900,000$ DKK].[Calendar day] _x	TIPS.stat.M18.r(DKK)
$\geq 900,000$ DKK and $< 1,000,000$ DKK].[Calendar day] _x	TIPS.stat.M18.s(DKK)
$\geq 1,000,000$ DKK and $< 2,000,000$ DKK].[Calendar day] _x	TIPS.stat.M18.t(DKK)
$\geq 2,000,000$ DKK and $< 5,000,000$ DKK].[Calendar day] _x	TIPS.stat.M18.u(DKK)
$\geq 5,000,000$ DKK and $< 7,500,000$ DKK].[Calendar day] _x	TIPS.stat.M18.w(DKK)
$\geq 7,500,000$ DKK].[Calendar day] _x	TIPS.stat.M18.x(DKK)

Change Request form

14) 1.5.8.1.11 Value of unsettled IP transactions in non-Euro currency, per amount (new chapter)

The indicator (TIPS.stat.M19) provides, for each calendar day of the period under analysis, the value of unsettled IP transactions in non-Euro currency grouped by amount.

Table 8 - Value of unsettled IP transactions in DKK per amount and calendar day

Amount and calendar day	Code reference
[< 50.00 DKK].[Calendar day] _x [Total amount] _y	TIPS.stat.M19.a(DKK)
[≥ 50 DKK and < 100 DKK].[Calendar day] _x [Total amount] _y	TIPS.stat.M19.b(DKK)
[≥ 100 DKK and < 500 DKK].[Calendar day] _x [Total amount] _y	TIPS.stat.M19.c(DKK)
[≥500 DKK and < 1,000 DKK].[Calendar day] _x [Total amount] _y	TIPS.stat.M19.d(DKK)
[≥ 1,000 DKK and < 2,500 DKK].[Calendar day] _x [Total amount] _y	TIPS.stat.M19.e(DKK)
[≥ 2,500 DKK and < 5,000 DKK].[Calendar day] _x [Total amount] _y	TIPS.stat.M19.f(DKK)
[≥ 5,000 DKK and < 7,500 DKK].[Calendar day] _x [Total amount] _y	TIPS.stat.M19.g(DKK)
[≥ 7,500 DKK and < 10,000 DKK].[Calendar day] _x [Total amount] _y	TIPS.stat.M19.h(DKK)
[≥ 10,000 DKK and < 20,000 DKK].[Calendar day] _x [Total amount] _y	TIPS.stat.M19.i(DKK)
[≥ 20,000 DKK and < 100,000 DKK].[Calendar day] _x [Total amount] _y	TIPS.stat.M19.j(DKK)
[≥ 100,000 DKK and < 200,000 DKK].[Calendar day] _x [Total amount] _y	TIPS.stat.M19.k(DKK)
[≥ 200,000 DKK and < 300,000 DKK].[Calendar day] _x [Total amount] _y	TIPS.stat.M19.l(DKK)
[≥ 300,000 DKK and < 400,000 DKK].[Calendar day] _x [Total amount] _y	TIPS.stat.M19.m(DKK)
[≥ 400,000 DKK and < 500,000 DKK].[Calendar day] _x [Total amount] _y	TIPS.stat.M19.n(DKK)
[≥ 500,000 DKK and < 600,000 DKK].[Calendar day] _x [Total amount] _y	TIPS.stat.M19.o(DKK)
[≥ 600,000 DKK and < 700,000 DKK].[Calendar day] _x [Total amount] _y	TIPS.stat.M19.p(DKK)
[≥ 700,000 DKK and < 800,000 DKK].[Calendar day] _x [Total amount] _y	TIPS.stat.M19.q(DKK)
[≥ 800,000 DKK and < 900,000 DKK].[Calendar day] _x [Total amount] _y	TIPS.stat.M19.r(DKK)
[≥ 900,000 DKK and < 1,000,000 DKK].[Calendar day] _x [Total amount] _y	TIPS.stat.M19.s(DKK)
[≥ 1,000,000 DKK and < 2,000,000 DKK].[Calendar day] _x [Total amount] _y	TIPS.stat.M19.t(DKK)
[≥ 2,000,000 DKK and < 5,000,000 DKK].[Calendar day] _x [Total amount] _y	TIPS.stat.M19.u(DKK)
[≥ 5,000,000 DKK and < 7,500,000 DKK].[Calendar day] _x [Total amount] _y	TIPS.stat.M19.w(DKK)
[≥ 7,500,000 DKK].[Calendar day] _x [Total amount] _y	TIPS.stat.M19.x(DKK)

15) 1.5.8.1.12 Number of settled IP transactions in non-Euro currency, per hour (new chapter)

The indicator (TIPS.stat.M20) provides, for each calendar day of the period under analysis, the number of settled IP transactions in non-Euro currency grouped by the hour of the settlement timestamp.

Table 49 - Number of settled IP transactions in DKK, per timestamp and calendar day

Hour and calendar day	Code reference
[00h00 - 01h00 CET].[Calendar day] _x	TIPS.stat.M20.a(DKK)
[01h00 - 02h00 CET].[Calendar day] _x	TIPS.stat.M20.b(DKK)
[02h00 - 03h00 CET].[Calendar day] _x	TIPS.stat.M20.c(DKK)
[03h00 - 04h00 CET].[Calendar day] _x	TIPS.stat.M20.d(DKK)
[04h00 - 05h00 CET].[Calendar day] _x	TIPS.stat.M20.e(DKK)

Change Request form

Hour and calendar day	Code reference
[05h00 - 06h00 CET].[Calendar day] _x	TIPS.stat.M20.f _(DKK)
[06h00 - 07h00 CET].[Calendar day] _x	TIPS.stat.M20.g _(DKK)
[07h00 - 08h00 CET].[Calendar day] _x	TIPS.stat.M20.h _(DKK)
[08h00 - 09h00 CET].[Calendar day] _x	TIPS.stat.M20.i _(DKK)
[09h00 - 10h00 CET].[Calendar day] _x	TIPS.stat.M20.j _(DKK)
[10h00 - 11h00 CET].[Calendar day] _x	TIPS.stat.M20.k _(DKK)
[11h00 - 12h00 CET].[Calendar day] _x	TIPS.stat.M20.l _(DKK)
[12h00 - 13h00 CET].[Calendar day] _x	TIPS.stat.M20.m _(DKK)
[13h00 - 14h00 CET].[Calendar day] _x	TIPS.stat.M20.n _(DKK)
[14h00 - 15h00 CET].[Calendar day] _x	TIPS.stat.M20.o _(DKK)
[15h00 - 16h00 CET].[Calendar day] _x	TIPS.stat.M20.p _(DKK)
[16h00 - 17h00 CET].[Calendar day] _x	TIPS.stat.M20.q _(DKK)
[17h00 - 18h00 CET].[Calendar day] _x	TIPS.stat.M20.r _(DKK)
[18h00 - 19h00 CET].[Calendar day] _x	TIPS.stat.M20.s _(DKK)
[19h00 - 20h00 CET].[Calendar day] _x	TIPS.stat.M20.t _(DKK)
[20h00 - 21h00 CET].[Calendar day] _x	TIPS.stat.M20.u _(DKK)
[21h00 - 22h00 CET].[Calendar day] _x	TIPS.stat.M20.v _(DKK)
[22h00 - 23h00 CET].[Calendar day] _x	TIPS.stat.M20.w _(DKK)
[23h00 - 24h00 CET].[Calendar day] _x	TIPS.stat.M20.x _(DKK)

For every class, only the left-side extremity is included in the range; whereby, if an IP transaction is executed at 06h00 it will be part of the range (06h00 - 07h00 CET).

16) 1.5.8.1.13 Value of settled IP transactions in non-Euro currency, per hour (new chapter)

The indicator (TIPS.stat.M21) provides, for each calendar day of the period under analysis, the value of settled IP transactions in non-Euro currency grouped by the hour of the settlement timestamp.

Table 50 - Value of settled IP transactions in DKK, per timestamp and calendar day

Hour and calendar day	Code reference
[00h00 - 01h00 CET].[Calendar day] _x [Total amount] _y	TIPS.stat.M21.a _(DKK)
[01h00 - 02h00 CET].[Calendar day] _x [Total amount] _y	TIPS.stat.M21.b _(DKK)
[02h00 - 03h00 CET].[Calendar day] _x [Total amount] _y	TIPS.stat.M21.c _(DKK)
[03h00 - 04h00 CET].[Calendar day] _x [Total amount] _y	TIPS.stat.M21.d _(DKK)
[04h00 - 05h00 CET].[Calendar day] _x [Total amount] _y	TIPS.stat.M21.e _(DKK)
[05h00 - 06h00 CET].[Calendar day] _x [Total amount] _y	TIPS.stat.M21.f _(DKK)
[06h00 - 07h00 CET].[Calendar day] _x [Total amount] _y	TIPS.stat.M21.g _(DKK)
[07h00 - 08h00 CET].[Calendar day] _x [Total amount] _y	TIPS.stat.M21.h _(DKK)
[08h00 - 09h00 CET].[Calendar day] _x [Total amount] _y	TIPS.stat.M21.i _(DKK)
[09h00 - 10h00 CET].[Calendar day] _x [Total amount] _y	TIPS.stat.M21.j _(DKK)
[10h00 - 11h00 CET].[Calendar day] _x [Total amount] _y	TIPS.stat.M21.k _(DKK)
[11h00 - 12h00 CET].[Calendar day] _x [Total amount] _y	TIPS.stat.M21.l _(DKK)
[12h00 - 13h00 CET].[Calendar day] _x [Total amount] _y	TIPS.stat.M21.m _(DKK)
[13h00 - 14h00 CET].[Calendar day] _x [Total amount] _y	TIPS.stat.M21.n _(DKK)

Change Request form

Hour and calendar day	Code reference
[14h00 - 15h00 CET].[Calendar day] _x [Total amount] _y	TIPS.stat.M21.o(DKK)
[15h00 - 16h00 CET].[Calendar day] _x [Total amount] _y	TIPS.stat.M21.p(DKK)
[16h00 - 17h00 CET].[Calendar day] _x [Total amount] _y	TIPS.stat.M21.q(DKK)
[17h00 - 18h00 CET].[Calendar day] _x [Total amount] _y	TIPS.stat.M21.r(DKK)
[18h00 - 19h00 CET].[Calendar day] _x [Total amount] _y	TIPS.stat.M21.s(DKK)
[19h00 - 20h00 CET].[Calendar day] _x [Total amount] _y	TIPS.stat.M21.t(DKK)
[20h00 - 21h00 CET].[Calendar day] _x [Total amount] _y	TIPS.stat.M21.u(DKK)
[21h00 - 22h00 CET].[Calendar day] _x [Total amount] _y	TIPS.stat.M21.v(DKK)
[22h00 - 23h00 CET].[Calendar day] _x [Total amount] _y	TIPS.stat.M21.w(DKK)
[23h00 - 24h00 CET].[Calendar day] _x [Total amount] _y	TIPS.stat.M21.x(DKK)

For every class, only the left-side extremity is included in the range; whereby, if an IP transaction is executed at 06h00 it will be part of the range (06h00 - 07h00 CET).

17) 1.5.8.1.14 Number of unsettled IP transactions in non-Euro currency, per hour (new chapter)

The indicator (TIPS.stat.M22) provides, for each calendar day in the period under analysis, the number of unsettled IP transactions in non-Euro currency grouped by the hour of the settlement timestamp.

Table 51 - Number of unsettled IP transactions in DKK, per timestamp and calendar day

Hour and calendar day	Code reference
[00h00 - 01h00 CET].[Calendar day] _x	TIPS.stat.M22.a(DKK)
[01h00 - 02h00 CET].[Calendar day] _x	TIPS.stat.M22.b(DKK)
[02h00 - 03h00 CET].[Calendar day] _x	TIPS.stat.M22.c(DKK)
[03h00 - 04h00 CET].[Calendar day] _x	TIPS.stat.M22.d(DKK)
[04h00 - 05h00 CET].[Calendar day] _x	TIPS.stat.M22.e(DKK)
[05h00 - 06h00 CET].[Calendar day] _x	TIPS.stat.M22.f(DKK)
[06h00 - 07h00 CET].[Calendar day] _x	TIPS.stat.M22.g(DKK)
[07h00 - 08h00 CET].[Calendar day] _x	TIPS.stat.M22.h(DKK)
[08h00 - 09h00 CET].[Calendar day] _x	TIPS.stat.M22.i(DKK)
[09h00 - 10h00 CET].[Calendar day] _x	TIPS.stat.M22.j(DKK)
[10h00 - 11h00 CET].[Calendar day] _x	TIPS.stat.M22.k(DKK)
[11h00 - 12h00 CET].[Calendar day] _x	TIPS.stat.M22.l(DKK)
[12h00 - 13h00 CET].[Calendar day] _x	TIPS.stat.M22.m(DKK)
[13h00 - 14h00 CET].[Calendar day] _x	TIPS.stat.M22.n(DKK)
[14h00 - 15h00 CET].[Calendar day] _x	TIPS.stat.M22.o(DKK)
[15h00 - 16h00 CET].[Calendar day] _x	TIPS.stat.M22.p(DKK)
[16h00 - 17h00 CET].[Calendar day] _x	TIPS.stat.M22.q(DKK)
[17h00 - 18h00 CET].[Calendar day] _x	TIPS.stat.M22.r(DKK)
[18h00 - 19h00 CET].[Calendar day] _x	TIPS.stat.M22.s(DKK)
[19h00 - 20h00 CET].[Calendar day] _x	TIPS.stat.M22.t(DKK)
[20h00 - 21h00 CET].[Calendar day] _x	TIPS.stat.M22.u(DKK)

Change Request form

Hour and calendar day	Code reference
[21h00 - 22h00 CET].[Calendar day] _x	TIPS.stat.M22.v _(DKK)
[22h00 - 23h00 CET].[Calendar day] _x	TIPS.stat.M22.w _(DKK)
[23h00 - 24h00 CET].[Calendar day] _x	TIPS.stat.M22.x _(DKK)

For every class, only the left-side extremity is included in the range; whereby, if an IP transaction is executed at 06h00 it will be part of the range (06h00 - 07h00 CET).

18) 1.5.8.1.15 Value of unsettled IP transactions in non-Euro currency, per hour (new chapter)

The indicator (TIPS.stat.M23) provides, for each calendar day in the period under analysis, the value of unsettled IP transactions in non-Euro currency grouped by the hour of the settlement timestamp.

Table 52 - Value of unsettled IP transactions in DKK, per timestamp and calendar day

Hour and calendar day	Code reference
[00h00 - 01h00 CET].[Calendar day] _x [Total amount] _y	TIPS.stat.M23.a _(DKK)
[01h00 - 02h00 CET].[Calendar day] _x [Total amount] _y	TIPS.stat.M23.b _(DKK)
[02h00 - 03h00 CET].[Calendar day] _x [Total amount] _y	TIPS.stat.M23.c _(DKK)
[03h00 - 04h00 CET].[Calendar day] _x [Total amount] _y	TIPS.stat.M23.d _(DKK)
[04h00 - 05h00 CET].[Calendar day] _x [Total amount] _y	TIPS.stat.M23.e _(DKK)
[05h00 - 06h00 CET].[Calendar day] _x [Total amount] _y	TIPS.stat.M23.f _(DKK)
[06h00 - 07h00 CET].[Calendar day] _x [Total amount] _y	TIPS.stat.M23.g _(DKK)
[07h00 - 08h00 CET].[Calendar day] _x [Total amount] _y	TIPS.stat.M23.h _(DKK)
[08h00 - 09h00 CET].[Calendar day] _x [Total amount] _y	TIPS.stat.M23.i _(DKK)
[09h00 - 10h00 CET].[Calendar day] _x [Total amount] _y	TIPS.stat.M23.j _(DKK)
[10h00 - 11h00 CET].[Calendar day] _x [Total amount] _y	TIPS.stat.M23.k _(DKK)
[11h00 - 12h00 CET].[Calendar day] _x [Total amount] _y	TIPS.stat.M23.l _(DKK)
[12h00 - 13h00 CET].[Calendar day] _x [Total amount] _y	TIPS.stat.M23.m _(DKK)
[13h00 - 14h00 CET].[Calendar day] _x [Total amount] _y	TIPS.stat.M23.n _(DKK)
[14h00 - 15h00 CET].[Calendar day] _x [Total amount] _y	TIPS.stat.M23.o _(DKK)
[15h00 - 16h00 CET].[Calendar day] _x [Total amount] _y	TIPS.stat.M23.p _(DKK)
[16h00 - 17h00 CET].[Calendar day] _x [Total amount] _y	TIPS.stat.M23.q _(DKK)
[17h00 - 18h00 CET].[Calendar day] _x [Total amount] _y	TIPS.stat.M23.r _(DKK)
[18h00 - 19h00 CET].[Calendar day] _x [Total amount] _y	TIPS.stat.M23.s _(DKK)
[19h00 - 20h00 CET].[Calendar day] _x [Total amount] _y	TIPS.stat.M23.t _(DKK)
[20h00 - 21h00 CET].[Calendar day] _x [Total amount] _y	TIPS.stat.M23.u _(DKK)
[21h00 - 22h00 CET].[Calendar day] _x [Total amount] _y	TIPS.stat.M23.v _(DKK)
[22h00 - 23h00 CET].[Calendar day] _x [Total amount] _y	TIPS.stat.M23.w _(DKK)
[23h00 - 24h00 CET].[Calendar day] _x [Total amount] _y	TIPS.stat.M23.x _(DKK)

For every class, only the left-side extremity is included in the range; whereby, if an IP transaction is executed at 06h00 it will be part of the range (06h00 - 07h00 CET).

19) 1.5.8.2 National Transactions

Change Request form

This category of indicators provides information about IP transactions, recall requests and request for recall by the originator executed, in a national context, in a given quarter/month of the year. Consequently, the ~~transaction operations~~ taken into consideration refer to an Originator Bank and a Beneficiary Bank ~~both that belonging~~ to the same country and therefore holding the same country code ~~within~~ of their BIC. ~~Eleven~~ Six indicators belong to this category:

- Number of national IP transactions;
- **Number of settled national IP transactions;**
- **Value of settled national IP transactions;**
- **Number of settled national payment transactions⁹;**
- **Value of settled national payment transactions;**
- **Number of unsettled national IP transactions with an unsettled status;**
- **Value of unsettled national IP transactions;**
- **Number** of national Recall Requests;
- **Number** of **unsettled** national IP transactions ~~with an unsettled status~~, and grouped by reason code;
- **Number** of national Recall Requests grouped by reason code;
- **Number** of national Request for Recall by Originator,

Each indicator provides the number of operations grouped by the country code of the actors. In other words, TIPS provides the exact number of transaction/recall carried out when an the IP transaction or a Recall is operated by two PSPs ~~banks~~ from the same country.

20) 1.5.8.2.1 Number of national IP transactions

This indicator (TIPS.stat.M6) gives the number of all the national IP transactions in the period under analysis grouped by the common country code of the BIC of the actors (Originator Bank and Beneficiary Bank). The final status of the transaction is irrelevant, therefore not only the settled, but also the unsettled ~~transaction operations~~ ('rejected', 'failed' or 'expired'), are taken into account for the calculation of this indicator.

Table 9 - Number of national IP transactions in non-Euro currency ~~SEK~~

Transactions <u>p</u> Per country	<u>Code</u> Indicator's reference
[Country code] _x	TIPS.stat.M6.[Country code] _x

[...]

21) 1.5.8.2.x Number of national settled IP transactions in non-Euro currency (new chapter)

The indicator (TIPS.stat.M24) counts the number of all the domestic settled IP transactions denominated in a given non-Euro currency during a selected period of analysis.

Table 4x - Number of national settled IP transactions in DKK

<u>Number of settled transactions per country</u>	<u>Code reference</u>
---	-----------------------

⁹ A payment transaction in this context includes Instant Payments and Positive Recall Responses successfully settled.

Change Request form

Number of settled transactions per country	Code reference
[Country code]	TIPS.stat.M24.[Country code] _(DKK)

[...]

22) 1.5.8.2.x Value of national settled IP transactions in non-Euro currency (new chapter)

The indicator (TIPS.stat.M25) counts the overall value of all the domestic settled IP transactions denominated in a given non-Euro currency over a selected period of analysis.

Table 4x - Value of national settled IP transactions in DKK

Value of settled transactions per country	Code reference
[Country code]. [Total amount]	TIPS.stat.M25.[Country code] _(DKK)

[...]

23) 1.5.8.2.2 Number of national IP transactions with an unsettled status unsettled

This indicator (TIPS.stat.M7) gives the number of unsettled IP transaction in the period under analysis grouped by the common country code of the BIC of the actors (Originator Bank and Beneficiary Bank). As mentioned above (see 1.5.8.2 "National Transactions"), the data are divided by country code of the actors, and consequently the indicator shows, for the country code (e.g. SE, if currency is SEK) related to the given currency, the number of IP transactions with status different from "Ssettled". Furthermore, there is no differentiation across the final status of each transaction (i.e. 'rejected', 'failed' or 'expired').

Table 10 - Number of national Unsettled IP Transactions in non-Euro currencySEK

Number of <u>U</u> nsettled <u>T</u> ransactions per country	CodeIndicator's reference
[Country code]	TIPS.stat.M7.[Country code]

24) 1.5.8.2.x Value of national IP transactions with status unsettled (new chapter)

The indicator (TIPS.stat.M26) counts the overall value of all the national unsettled IP transactions in a given non-Euro currency over a selected period of analysis, The transactions are grouped by the common country code resulting from the BICs of the two counterparts (i.e. Originator PSP and Beneficiary PSP).

Table 4x - Value of national unsettled IP transactions in DKK

Value of unsettled transactions per country	Indicator's reference
[Country code]	TIPS.stat.M26.[Country code] _(DKK)

[...]

25) 1.5.8.2.4 Number of national Unsettled IP transactions grouped by reason code

Change Request form

This indicator (TIPS.stat.M9) gives the number of unsettled IP transaction of a selected period and grouped by (i) the common country code of the BIC of the actors and (ii) by Reason Code. The transactions taken into account are the same analysed in paragraph [1.5.8.2.2](#), i.e. the number of transactions with status different from “Settled”, regardless of the final status of each transaction (i.e. ‘rejected’, ‘failed’ or ‘expired’). Moreover, in addition to the country code of the BIC of the actors, all the transactions are classified based on the rejection Reason Code. Consequently, the total number of transactions counted by this indicator and the indicator from paragraph [1.5.8.2.2](#) shall be the same. The only Reason Codes taken in consideration are those generated by TIPS (Internal Reason Code, see [1.5.8.2](#)). Therefore, all the IPs with status unsettled and with a Reason code not generated by TIPS, are grouped into a generic category, namely “External Reason Code”.

Table 11 - National Unsettled IP Transaction in non-Euro currency SEK per Reason Code

Transactions per Reason Code	Code Indicator's reference
[Country code].[Reason code] _y	TIPS.stat.M9.[Country code].[Reason code] _y

26) 1.5.8.3 Cross-border transactions (new chapter)

This category of statistical indicators provides information about non-Euro currency cross-border¹⁰ Instant Payments, Recall Requests and Requests for Recall by Originator in a given month/quarter of the year.

Consequently, the transactions taken into consideration refer to Originator PSPs and Beneficiary PSPs that, despite they are operating in the same non-Euro currency, belong to different countries and therefore are identified by BICs whose country code is different. Furthermore, every indicator is calculated from the perspective of either the Originator PSP or the Beneficiary PSP¹¹.

Sixteen statistical indicators belong to this category, according to the list below:

- **Number of settled cross-border IP transactions in non-Euro currency:**
 - I. Sent by the Originator PSP and grouped by its country code of the BIC
 - II. Received by the Beneficiary PSP and grouped by its country code of the BIC
- **Value of settled cross-border IP transactions in non-Euro currency:**
 - I. Sent by the Originator PSP and grouped by its country code of the BIC
 - II. Received by the Beneficiary PSP and grouped by its country code of the BIC
- **Number of unsettled cross-border IP transactions in non-Euro currency:**
 - I. Sent by the Originator PSP and grouped by its country code of the BIC
 - II. Received by the Beneficiary PSP and grouped by its country code of the BIC
- **Value of unsettled cross-border IP transactions in non-Euro currency:**
 - I. Sent by the Originator PSP and grouped by its country code of the BIC
 - II. Received by the Beneficiary PSP and grouped by its country code of the BIC
- **Number of cross-border Recall Requests in non-Euro currency:**

¹⁰ It is assumed that the cross-border transaction in a given non-Euro currency occurs between two counterparts that are not sharing the same country code within their BICs. E.g. an Instant Payment in DKK between a ‘DK’ participant and a ‘non-DK’ participant.

¹¹ Means all transactions that have been processed and sent by TIPS to the beneficiary PSP. Any problems in receiving the messages from the beneficiary PSP side that cannot be ascribed to a TIPS malfunction will still be counted within the indicators.

Change Request form

- I. Sent by the Originator PSP and grouped by its country code of the BIC
- II. Received by the Beneficiary PSP and grouped by its country code of the BIC
- **Number of unsettled** cross-border IP transactions in non-Euro currency grouped by reason code:
 - I. Sent by the Originator PSP and grouped by its country code of the BIC
 - II. Received by the Beneficiary PSP and grouped by its country code of the BIC
- **Number** of cross-border Recall Requests in non-Euro currency grouped by reason code:
 - I. Sent by the Originator PSP and grouped by its country code of the BIC
 - II. Received by the Beneficiary PSP and grouped by its country code of the BIC
- **Number** of cross-border Request for Recall by Originator in non-Euro currency:
 - I. Sent by the Originator PSP and grouped by its country code of the BIC
 - II. Received by the Beneficiary PSP and grouped by its country code of the BIC

Similarly to the national indicators, TIPS classifies the reason codes into three categories:

- Internal Reason Code: error codes generated by TIPS;
- External Reason Code: error codes generated by other systems or counterparts outside TIPS;
- TIPS reason code: proprietary error codes generated by TIPS.

The reason codes by which the indicators are grouped are those generated by TIPS (see §1.5.7.2). All the remaining reason codes are collected in the “External Reason Code” (EXTR) category.

27) **1.5.8.3.1 Number of settled cross-border IP transactions in non-Euro currency (new chapter)**

The indicator is calculated by counting the settled cross-border IP transactions in non-Euro currency over a selected time period. Taking into consideration the view of both the Originator and Beneficiary PSPs, the statistical indicator is segregated into two distinct figures:

- Number of settled cross-border IP transactions sent by the Originator PSP and grouped by the country code resulting from its BIC (TIPS.stat.M27);
- Number of settled cross-border IP transactions received by the Beneficiary PSP and grouped by the country code resulting from its BIC (TIPS.stat.M28).

Table xx – Number of settled cross-border IP transactions in DKK

<u>Transaction per Originator PSP country</u>	<u>Code reference</u>
<u>[Country code]_x</u>	<u>TIPS.stat.M27.[Country code]_x.(DKK)</u>
<u>Transaction per Beneficiary PSP country</u>	<u>Code reference</u>
<u>[Country code]_x</u>	<u>TIPS.stat.M28.[Country code]_x.(DKK)</u>

28) **1.5.8.3.2 Value of settled cross-border IP transactions in non-Euro currency (new chapter)**

The indicator is calculated by counting the overall value of the settled cross-border IP transactions in non-Euro currency over a selected time period. Taking into consideration the view of both the Originator and Beneficiary PSPs, the statistical indicator is segregated into two distinct figures:

Change Request form

- Value of settled cross-border IP transactions sent by the Originator PSP and grouped by the country code resulting from its BIC (TIPS.stat.M29);
- Value of settled cross-border IP transactions received by the Beneficiary PSP and grouped by the country code resulting from its BIC (TIPS.stat.M30).

Table xx – Value of settled cross-border IP transactions in DKK

<u>Value per Originator PSP country</u>	<u>Code reference</u>
[Country code] _x	TIPS.stat.M29.[Country code] _x (DKK)
<u>Value per Beneficiary PSP country</u>	<u>Code reference</u>
[Country code] _x	TIPS.stat.M30.[Country code] _x (DKK)

29) 1.5.8.3.3 Number of unsettled cross-border IP transactions in non-Euro currency (new chapter)

The indicator is calculated by counting the unsettled cross-border IP transactions in non-Euro currency over a selected time period. However, no breakdown of the final status of each transaction (i.e. 'rejected', 'failed' or 'expired') is envisaged.

Taking into consideration the view of both the Originator and Beneficiary PSPs, the statistical indicator is segregated into two distinct figures:

- Number of unsettled cross-border IP transactions sent by the Originator PSP and grouped by the country code resulting from its BIC (TIPS.stat.M31);
- Number of unsettled cross-border IP transactions received by the Beneficiary PSP and grouped by the country code resulting from its BIC (TIPS.stat.M32).

Table xx – Number of unsettled cross-border IP transactions in DKK

<u>Number of unsettled transactions per Originator PSP country</u>	<u>Code reference</u>
[Country code] _x	TIPS.stat.M31.[Country code] _x (DKK)
<u>Number of unsettled transactions per Beneficiary PSP country</u>	<u>Code reference</u>
[Country code] _x	TIPS.stat.M32.[Country code] _x (DKK)

30) 1.5.8.3.4 Value of unsettled cross-border IP transactions in non-Euro currency (new chapter)

The indicator is calculated by counting the overall value of unsettled cross-border IP transactions in non-Euro currency over a selected time period. However, no breakdown of the final status of each transaction (i.e. 'rejected', 'failed' or 'expired') is envisaged.

Taking into consideration the view of both the Originator and Beneficiary PSPs, the statistical indicator is segregated into two distinct figures:

- Value of unsettled cross-border IP transactions sent by the Originator PSP and grouped by the country code resulting from its BIC (TIPS.stat.M33);
- Value of unsettled cross-border IP transactions received by the Beneficiary PSP and grouped by the country code resulting from its BIC (TIPS.stat.M34).

Table xx – Value of unsettled cross-border IP transactions in DKK

<u>Value of unsettled transactions per Originator PSP country</u>	<u>Code reference</u>
---	-----------------------

Change Request form

<u>Value of unsettled transactions per Originator PSP country</u>	<u>Code reference</u>
[Country code] _x	TIPS.stat.M33.[Country code] _x (DKK)
<u>Value of unsettled transactions per Beneficiary PSP country</u>	<u>Code reference</u>
[Country code] _x	TIPS.stat.M34.[Country code] _x (DKK)

31) 1.5.8.3.5 Number of cross-border Recall Requests in non-Euro currency (new chapter)

The indicator is calculated by counting the Recall Requests in non-Euro currency sent over a selected time period. The Indicator does not take into consideration the outcome of the Recall, therefore is irrelevant if the response message is negative or positive. Furthermore, only the Recall Requests (i) validated by TIPS and (ii) forwarded by TIPS to the Beneficiary PSP are taken into account.

Taking into consideration the view of both the Originator and Beneficiary PSPs, the statistical indicator is segregated into two distinct figures:

- Number of cross-border Recall Request in non-Euro currency sent by the Originator PSP and grouped by the country code resulting from its BIC (TIPS.stat.M35);
- Number of cross-border Recall Request in non-Euro currency received by the Beneficiary PSP and grouped by the country code resulting from its BIC (TIPS.stat.M36).

Table xx – Number of cross-border Recall Requests in DKK

<u>Recall Requests per Originator PSP country</u>	<u>Code reference</u>
[Country code] _x	TIPS.stat.M35.[Country code] _x (DKK)
<u>Recall Requests per Beneficiary PSP country</u>	<u>Code reference</u>
[Country code] _x	TIPS.stat.M36.[Country code] _x (DKK)

32) 1.5.8.3.6 Number of unsettled cross-border IP transactions in non-Euro currency grouped by reason code (new chapter)

The indicator is calculated by counting the unsettled IP transactions in non-Euro currency over a given period of time. Only Instant Payments whose status is different from 'settled' are taken into account. Moreover, in addition to the country code of the BIC of the actors, the transactions are grouped by the reason code resulting from the specific rejection.

Only reason codes generated by TIPS (Internal Reason Code, see [1.5.7.3](#)) are taken into consideration. Therefore, the IP transactions with status unsettled having a reason code not being generated by TIPS, are grouped into the generic bucket of "External Reason Codes".

Depending on the country code of the actors, there are two different indicators:

- Number of unsettled cross-border transaction sent by the Originator PSP, grouped by the country code resulting from its BIC and reason code (TIPS.stat.M37);
- Number of unsettled cross-border transaction received by the Beneficiary PSP, grouped by the country code resulting from its BIC and reason code (TIPS.stat.M38).

Table xx – Unsettled cross-border IP transactions in DKK per reason code

<u>Transactions per reason code and Originator PSP Country</u>	<u>Code reference</u>
--	-----------------------

Change Request form

<u>Transactions per reason code and Originator PSP Country</u>	<u>Code reference</u>
[Country code] _x [Reason code] _y	TIPS.stat.M37.[Country code] _x [Reason code] _y (DKK)
<u>Transactions per reason code and Beneficiary PSP Country</u>	<u>Code reference</u>
[Country code] _x [Reason code] _y	TIPS.stat.M38.[Country code] _x [Reason code] _y (DKK)

33) 1.5.8.3.7 Number of cross-border Recall Requests in non-Euro currency grouped by reason code (new chapter)

The indicator is calculated by counting the Recall Requests sent over a given period of time. The Recall Requests taken into consideration are those (i) validated by TIPS and (ii) forwarded by TIPS to the Beneficiary PSP irrespective if the response message is negative or positive. Moreover, in addition to the country code resulting from the counterpart BIC, each Recall Request is grouped by the corresponding reason code.

The reason codes taken in consideration are the following:

- DUPL: Duplicate Sending
- FRAD: Fraudulent Origin
- TECH: Technical Problem

Taking into consideration the view of both the Originator and Beneficiary PSPs, the statistical indicator is segregated into two distinct figures:

- Number of cross-border Recall Request sent by the Originator PSP, grouped by the country code resulting from its BIC and by reason code (TIPS.stat.M39);
- Number of cross-border Recall Request received by the Beneficiary PSP, grouped by the country code resulting from its BIC and by reason code (TIPS.stat.M40).

Table xx – Number of cross-border Recall Requests in DKK, per reason code

<u>Recall Request per reason code and Originator PSP country</u>	<u>Code reference</u>
[Country code] _x [Reason code] _y	TIPS.stat.M39.[Country code] _x (DKK)
<u>Recall Request per reason code and Beneficiary PSP country</u>	<u>Code reference</u>
[Country code] _x [Reason code] _y	TIPS.stat.M40.[Country code] _x (DKK)

34) 1.5.8.3.8 Number of cross-border Request for Recall by Originator in non-Euro currency (new chapter)

The indicator is calculated by counting the Requests for Recall by Originator received by TIPS over a given period of time. The indicator does not take into consideration the outcome of the Recall, therefore is irrelevant if the response message is negative or positive. The criteria to follow in order to distinguish a Recall Request from a Request for Recall by Originator are defined in paragraph [1.5.7.2.6](#).

Taking into consideration the view of both the Originator and Beneficiary PSPs, the statistical indicator is segregated into two distinct figures:

Change Request form

- Number of cross-border Request for Recall by Originator in non-Euro currency sent by the Originator PSP, grouped by the country code resulting from its BIC (TIPS.stat.M41);
- Number of cross-border Request for Recall by Originator in non-Euro currency received by the Beneficiary PSP, grouped by the country code resulting from its BIC (TIPS.stat.M42).

Table xx – Cross-border Requests for Recall by Originator in DKK

Request for Recall by Originator per Originator PSP country	Code reference
[Country code] _x	TIPS.stat.M41.[Country code] _{x,(DKK)}
Request for Recall by Originator per Beneficiary PSP country	Code reference
[Country code] _x	TIPS.stat.M42.[Country code] _{x,(DKK)}

35) 4.3.4. List of general indicators for non-Euro currencies

The table below contains the exhaustive list of general Indicators present in TIPS for non-Euro currencies. The detailed information about each indicator~~these measures~~ is defined in paragraph [1.5.8.1 “General figures”](#).

Label	CodeIndicator's reference
Period (month or quarter)	
Instant payments	
Amount (SEK)	
< 100 SEK	TIPS.stat.M1.a _(SEK)
>= 100 SEK and < 500 SEK	TIPS.stat.M1.b _(SEK)
>= 500 SEK and < 1,000 SEK	TIPS.stat.M1.c _(SEK)
>= 1,000 SEK and < 5,000 SEK	TIPS.stat.M1.d _(SEK)
>= 5,000 SEK and < 10,000 SEK	TIPS.stat.M1.e _(SEK)
>= 10,000 SEK and < 50,000 SEK	TIPS.stat.M1.f _(SEK)
>= 50,000 SEK and < 100,000 SEK	TIPS.stat.M1.g _(SEK)
>= 100,000 SEK and <= 500,000 SEK	TIPS.stat.M1.h _(SEK)
>= 500,000 SEK and <= 1,000,000 SEK	TIPS.stat.M1.i _(SEK)
>= 1,000,000 SEK and <= 5,000,000 SEK	TIPS.stat.M1.j _(SEK)
>= 5,000,000 SEK and <= 10,000,000 SEK	TIPS.stat.M1.k _(SEK)
> 10,000,000 SEK	TIPS.stat.M1.l _(SEK)
Amount (DKK)	
< 50.00 DKK	TIPS.stat.M1.a _(DKK)
≥ 50 DKK and < 100 DKK	TIPS.stat.M1.b _(DKK)
≥ 100 DKK and < 500 DKK	TIPS.stat.M1.c _(DKK)
≥ 500 DKK and < 1,000 DKK	TIPS.stat.M1.d _(DKK)
≥ 1,000 DKK and < 2,500 DKK	TIPS.stat.M1.e _(DKK)
≥ 2,500 DKK and < 5,000 DKK	TIPS.stat.M1.f _(DKK)
≥ 5,000 DKK and < 7,500 DKK	TIPS.stat.M1.g _(DKK)
≥ 7,500 DKK and < 10,000 DKK	TIPS.stat.M1.h _(DKK)

Change Request form

Label	CodeIndicator's reference
<u>≥ 10,000 DKK and < 20,000 DKK</u>	<u>TIPS.stat.M1.i_(DKK)</u>
<u>≥ 20,000 DKK and < 100,000 DKK</u>	<u>TIPS.stat.M1.j_(DKK)</u>
<u>≥ 100,000 DKK and < 200,000 DKK</u>	<u>TIPS.stat.M1.k_(DKK)</u>
<u>≥ 200,000 DKK and < 300,000 DKK</u>	<u>TIPS.stat.M1.l_(DKK)</u>
<u>≥ 300,000 DKK and < 400,000 DKK</u>	<u>TIPS.stat.M1.m_(DKK)</u>
<u>≥ 400,000 DKK and < 500,000 DKK</u>	<u>TIPS.stat.M1.n_(DKK)</u>
<u>≥ 500,000 DKK and < 600,000 DKK</u>	<u>TIPS.stat.M1.o_(DKK)</u>
<u>≥ 600,000 DKK and < 700,000 DKK</u>	<u>TIPS.stat.M1.p_(DKK)</u>
<u>≥ 700,000 DKK and < 800,000 DKK</u>	<u>TIPS.stat.M1.q_(DKK)</u>
<u>≥ 800,000 DKK and < 900,000 DKK</u>	<u>TIPS.stat.M1.r_(DKK)</u>
<u>≥ 900,000 DKK and < 1,000,000 DKK</u>	<u>TIPS.stat.M1.s_(DKK)</u>
<u>≥ 1,000,000 DKK and < 2,000,000 DKK</u>	<u>TIPS.stat.M1.t_(DKK)</u>
<u>≥ 2,000,000 DKK and < 5,000,000 DKK</u>	<u>TIPS.stat.M1.u_(DKK)</u>
<u>≥ 5,000,000 DKK and < 7,500,000 DKK</u>	<u>TIPS.stat.M1.w_(DKK)</u>
<u>≥ 7,500,000 DKK</u>	<u>TIPS.stat.M1.x_(DKK)</u>
Hour	
00h00 - 01h00 CET	TIPS.stat.M2.a
01h00 - 02h00 CET	TIPS.stat.M2.b
02h00 - 03h00 CET	TIPS.stat.M2.c
03h00 - 04h00 CET	TIPS.stat.M2.d
04h00 - 05h00 CET	TIPS.stat.M2.e
05h00 - 06h00 CET	TIPS.stat.M2.f
06h00 - 07h00 CET	TIPS.stat.M2.g
07h00 - 08h00 CET	TIPS.stat.M2.h
08h00 - 09h00 CET	TIPS.stat.M2.i
09h00 - 10h00 CET	TIPS.stat.M2.j
10h00 - 11h00 CET	TIPS.stat.M2.k
11h00 - 12h00 CET	TIPS.stat.M2.l
12h00 - 13h00 CET	TIPS.stat.M2.m
13h00 - 14h00 CET	TIPS.stat.M2.n
14h00 - 15h00 CET	TIPS.stat.M2.o
15h00 - 16h00 CET	TIPS.stat.M2.p
16h00 - 17h00 CET	TIPS.stat.M2.q
17h00 - 18h00 CET	TIPS.stat.M2.r
18h00 - 19h00 CET	TIPS.stat.M2.s
19h00 - 20h00 CET	TIPS.stat.M2.t
20h00 - 21h00 CET	TIPS.stat.M2.u
21h00 - 22h00 CET	TIPS.stat.M2.v
22h00 - 23h00 CET	TIPS.stat.M2.w
23h00 - 24h00 CET	TIPS.stat.M2.x
Duration of processing (IP settled)	
≤ 0.5 second	TIPS.stat.M3.a

Change Request form

Label	CodeIndicator's reference
> 0,5 second and ≤ 1 second	TIPS.stat.M3.b
> 1 second and ≤ 2 seconds	TIPS.stat.M3.c
> 2 seconds and ≤ 3 seconds	TIPS.stat.M3.d
> 3 seconds and ≤ 4 seconds	TIPS.stat.M3.e
> 4 seconds and ≤ 5 seconds	TIPS.stat.M3.f
> 5 seconds and ≤ 10 seconds	TIPS.stat.M3.g
> 10 seconds and ≤ 15 seconds	TIPS.stat.M3.h
> 15 seconds and ≤ 20 seconds	TIPS.stat.M3.i
> 20 seconds and ≤ 25 seconds	TIPS.stat.M3.j
> 25 seconds	TIPS.stat.M3.k
Duration of processing (IP unsettled)	
≤ 5 seconds	TIPS.stat.M4.a
> 5 seconds and ≤ 10 seconds	TIPS.stat.M4.b
> 10 seconds and ≤ 15 seconds	TIPS.stat.M4.c
> 15 seconds and ≤ 20 seconds	TIPS.stat.M4.d
> 20 seconds and ≤ 25 seconds	TIPS.stat.M4.e
> 25 seconds	TIPS.stat.M4.f
no confirmation after 25 sec	TIPS.stat.M4.g
Investigations	
[Number of Investigations]	TIPS.stat.M5.a
<u>Volume of settled IPs by Originator PSP BIC</u>	
[BIC] _x [Calendar day] _y [IP] _z	TIPS.stat.M14 _(DKK)
<u>Value of settled IPs by Originator PSP BIC</u>	
[BIC] _x [Calendar day] _y [Total amount] _z	TIPS.stat.M15 _(DKK)
<u>Volume of settled IPs in DKK by amount and calendar day</u>	
[< 50.00 DKK][Calendar day] _x	TIPS.stat.M16.a _(DKK)
[≥ 50 DKK and < 100 DKK][Day] _x	TIPS.stat.M16.b _(DKK)
[≥ 100 DKK and < 500 DKK][Day] _x	TIPS.stat.M16.c _(DKK)
[≥500 DKK and < 1,000 DKK][Day] _x	TIPS.stat.M16.d _(DKK)
[≥ 1,000 DKK and < 2,500 DKK][Day] _x	TIPS.stat.M16.e _(DKK)
[≥ 2,500 DKK and < 5,000 DKK][Day] _x	TIPS.stat.M16.f _(DKK)
[≥ 5,000 DKK and < 7,500 DKK][Day] _x	TIPS.stat.M16.g _(DKK)
[≥ 7,500 DKK and < 10,000 DKK][Day] _x	TIPS.stat.M16.h _(DKK)
[≥ 10,000 DKK and < 20,000 DKK][Day] _x	TIPS.stat.M16.i _(DKK)
[≥ 20,000 DKK and < 100,000 DKK][Day] _x	TIPS.stat.M16.j _(DKK)
[≥ 100,000 DKK and < 200,000 DKK][Day] _x	TIPS.stat.M16.k _(DKK)
[≥ 200,000 DKK and < 300,000 DKK][Day] _x	TIPS.stat.M16.l _(DKK)
[≥ 300,000 DKK and < 400,000 DKK][Day] _x	TIPS.stat.M16.m _(DKK)
[≥ 400,000 DKK and < 500,000 DKK][Day] _x	TIPS.stat.M16.n _(DKK)
[≥ 500,000 DKK and < 600,000 DKK][Day] _x	TIPS.stat.M16.o _(DKK)
[≥ 600,000 DKK and < 700,000 DKK][Day] _x	TIPS.stat.M16.p _(DKK)
[≥ 700,000 DKK and < 800,000 DKK][Day] _x	TIPS.stat.M16.q _(DKK)

Change Request form

Label	CodeIndicator's reference
$\geq 800,000$ DKK and $< 900,000$ DKK].[Day] _x	TIPS.stat.M16.r _(DKK)
$\geq 900,000$ DKK and $< 1,000,000$ DKK].[Day] _x	TIPS.stat.M16.s _(DKK)
$\geq 1,000,000$ DKK and $< 2,000,000$ DKK].[Day] _x	TIPS.stat.M16.t _(DKK)
$\geq 2,000,000$ DKK and $< 5,000,000$ DKK].[Day] _x	TIPS.stat.M16.u _(DKK)
$\geq 5,000,000$ DKK and $< 7,500,000$ DKK].[Day] _x	TIPS.stat.M16.w _(DKK)
$\geq 7,500,000$ DKK].[Calendar day] _x	TIPS.stat.M16.x _(DKK)
Value of settled IPs in DKK by amount and calendar day	
< 50.00 DKK].[Day] _x .[Amount] _y	TIPS.stat.M17.a _(DKK)
≥ 50 DKK and < 100 DKK].[Day] _x .[Amount] _y	TIPS.stat.M17.b _(DKK)
≥ 100 DKK and < 500 DKK].[Day] _x .[Amount] _y	TIPS.stat.M17.c _(DKK)
≥ 500 DKK and $< 1,000$ DKK].[Day] _x .[Amount] _y	TIPS.stat.M17.d _(DKK)
$\geq 1,000$ DKK and $< 2,500$ DKK].[Day] _x .[Amount] _y	TIPS.stat.M17.e _(DKK)
$\geq 2,500$ DKK and $< 5,000$ DKK].[Day] _x .[Amount] _y	TIPS.stat.M17.f _(DKK)
$\geq 5,000$ DKK and $< 7,500$ DKK].[Day] _x .[Amount] _y	TIPS.stat.M17.g _(DKK)
$\geq 7,500$ DKK and $< 10,000$ DKK].[Day] _x .[Amount] _y	TIPS.stat.M17.h _(DKK)
$\geq 10,000$ DKK and $< 20,000$ DKK].[Day] _x .[Amount] _y	TIPS.stat.M17.i _(DKK)
$\geq 20,000$ DKK and $< 100,000$ DKK].[Day] _x .[Amount] _y	TIPS.stat.M17.j _(DKK)
$\geq 100,000$ DKK and $< 200,000$ DKK].[Day] _x .[Amount] _y	TIPS.stat.M17.k _(DKK)
$\geq 200,000$ DKK and $< 300,000$ DKK].[Day] _x .[Amount] _y	TIPS.stat.M17.l _(DKK)
$\geq 300,000$ DKK and $< 400,000$ DKK].[Day] _x .[Amount] _y	TIPS.stat.M17.m _(DKK)
$\geq 400,000$ DKK and $< 500,000$ DKK].[Day] _x .[Amount] _y	TIPS.stat.M17.n _(DKK)
$\geq 500,000$ DKK and $< 600,000$ DKK].[Day] _x .[Amount] _y	TIPS.stat.M17.o _(DKK)
$\geq 600,000$ DKK and $< 700,000$ DKK].[Day] _x .[Amount] _y	TIPS.stat.M17.p _(DKK)
$\geq 700,000$ DKK and $< 800,000$ DKK].[Day] _x .[Amount] _y	TIPS.stat.M17.q _(DKK)
$\geq 800,000$ DKK and $< 900,000$ DKK].[Day] _x .[Amount] _y	TIPS.stat.M17.r _(DKK)
$\geq 900,000$ DKK and $< 1,000,000$ DKK].[Day] _x .[Amount] _y	TIPS.stat.M17.s _(DKK)
$\geq 1,000,000$ DKK and $< 2,000,000$ DKK].[Day] _x .[Amount] _y	TIPS.stat.M17.t _(DKK)
$\geq 2,000,000$ DKK and $< 5,000,000$ DKK].[Day] _x .[Amount] _y	TIPS.stat.M17.u _(DKK)
$\geq 5,000,000$ DKK and $< 7,500,000$ DKK].[Day] _x .[Amount] _y	TIPS.stat.M17.w _(DKK)
$\geq 7,500,000$ DKK].[Day] _x .[Amount] _y	TIPS.stat.M17.x _(DKK)
Volume of unsettled IPs in DKK by amount and calendar day	
< 50.00 DKK].[Day] _x .[Amount] _y	TIPS.stat.M18.a _(DKK)
≥ 50 DKK and < 100 DKK].[Day] _x .[Amount] _y	TIPS.stat.M18.b _(DKK)
≥ 100 DKK and < 500 DKK].[Day] _x .[Amount] _y	TIPS.stat.M18.c _(DKK)
≥ 500 DKK and $< 1,000$ DKK].[Day] _x .[Amount] _y	TIPS.stat.M18.d _(DKK)
$\geq 1,000$ DKK and $< 2,500$ DKK].[Day] _x .[Amount] _y	TIPS.stat.M18.e _(DKK)
$\geq 2,500$ DKK and $< 5,000$ DKK].[Day] _x .[Amount] _y	TIPS.stat.M18.f _(DKK)
$\geq 5,000$ DKK and $< 7,500$ DKK].[Day] _x .[Amount] _y	TIPS.stat.M18.g _(DKK)
$\geq 7,500$ DKK and $< 10,000$ DKK].[Day] _x .[Amount] _y	TIPS.stat.M18.h _(DKK)
$\geq 10,000$ DKK and $< 20,000$ DKK].[Day] _x .[Amount] _y	TIPS.stat.M18.i _(DKK)
$\geq 20,000$ DKK and $< 100,000$ DKK].[Day] _x .[Amount] _y	TIPS.stat.M18.j _(DKK)
$\geq 100,000$ DKK and $< 200,000$ DKK].[Day] _x .[Amount] _y	TIPS.stat.M18.k _(DKK)

Change Request form

Label	CodeIndicator's reference
$\geq 200,000$ DKK and $< 300,000$ DKK].[Day] _x [Amount] _y	TIPS.stat.M18.l _(DKK)
$\geq 300,000$ DKK and $< 400,000$ DKK].[Day] _x [Amount] _y	TIPS.stat.M18.m _(DKK)
$\geq 400,000$ DKK and $< 500,000$ DKK].[Day] _x [Amount] _y	TIPS.stat.M18.n _(DKK)
$\geq 500,000$ DKK and $< 600,000$ DKK].[Day] _x [Amount] _y	TIPS.stat.M18.o _(DKK)
$\geq 600,000$ DKK and $< 700,000$ DKK].[Day] _x [Amount] _y	TIPS.stat.M18.p _(DKK)
$\geq 700,000$ DKK and $< 800,000$ DKK].[Day] _x [Amount] _y	TIPS.stat.M18.q _(DKK)
$\geq 800,000$ DKK and $< 900,000$ DKK].[Day] _x [Amount] _y	TIPS.stat.M18.r _(DKK)
$\geq 900,000$ DKK and $< 1,000,000$ DKK].[Day] _x [Amount] _y	TIPS.stat.M18.s _(DKK)
$\geq 1,000,000$ DKK and $< 2,000,000$ DKK].[Day] _x [Amount] _y	TIPS.stat.M18.t _(DKK)
$\geq 2,000,000$ DKK and $< 5,000,000$ DKK].[Day] _x [Amount] _y	TIPS.stat.M18.u _(DKK)
$\geq 5,000,000$ DKK and $< 7,500,000$ DKK].[Day] _x [Amount] _y	TIPS.stat.M18.w _(DKK)
$\geq 7,500,000$ DKK].[Day] _x [Amount] _y	TIPS.stat.M18.x _(DKK)
Value of unsettled IPs in DKK by amount and calendar day	
< 50.00 DKK].[Day] _x [Amount] _y	TIPS.stat.M19.a _(DKK)
≥ 50 DKK and < 100 DKK].[Day] _x [Amount] _y	TIPS.stat.M19.b _(DKK)
≥ 100 DKK and < 500 DKK].[Day] _x [Amount] _y	TIPS.stat.M19.c _(DKK)
≥ 500 DKK and $< 1,000$ DKK].[Day] _x [Amount] _y	TIPS.stat.M19.d _(DKK)
$\geq 1,000$ DKK and $< 2,500$ DKK].[Day] _x [Amount] _y	TIPS.stat.M19.e _(DKK)
$\geq 2,500$ DKK and $< 5,000$ DKK].[Day] _x [Amount] _y	TIPS.stat.M19.f _(DKK)
$\geq 5,000$ DKK and $< 7,500$ DKK].[Day] _x [Amount] _y	TIPS.stat.M19.g _(DKK)
$\geq 7,500$ DKK and $< 10,000$ DKK].[Day] _x [Amount] _y	TIPS.stat.M19.h _(DKK)
$\geq 10,000$ DKK and $< 20,000$ DKK].[Day] _x [Amount] _y	TIPS.stat.M19.i _(DKK)
$\geq 20,000$ DKK and $< 100,000$ DKK].[Day] _x [Amount] _y	TIPS.stat.M19.j _(DKK)
$\geq 100,000$ DKK and $< 200,000$ DKK].[Day] _x [Amount] _y	TIPS.stat.M19.k _(DKK)
$\geq 200,000$ DKK and $< 300,000$ DKK].[Day] _x [Amount] _y	TIPS.stat.M19.l _(DKK)
$\geq 300,000$ DKK and $< 400,000$ DKK].[Day] _x [Amount] _y	TIPS.stat.M19.m _(DKK)
$\geq 400,000$ DKK and $< 500,000$ DKK].[Day] _x [Amount] _y	TIPS.stat.M19.n _(DKK)
$\geq 500,000$ DKK and $< 600,000$ DKK].[Day] _x [Amount] _y	TIPS.stat.M19.o _(DKK)
$\geq 600,000$ DKK and $< 700,000$ DKK].[Day] _x [Amount] _y	TIPS.stat.M19.p _(DKK)
$\geq 700,000$ DKK and $< 800,000$ DKK].[Day] _x [Amount] _y	TIPS.stat.M19.q _(DKK)
$\geq 800,000$ DKK and $< 900,000$ DKK].[Day] _x [Amount] _y	TIPS.stat.M19.r _(DKK)
$\geq 900,000$ DKK and $< 1,000,000$ DKK].[Day] _x [Amount] _y	TIPS.stat.M19.s _(DKK)
$\geq 1,000,000$ DKK and $< 2,000,000$ DKK].[Day] _x [Amount] _y	TIPS.stat.M19.t _(DKK)
$\geq 2,000,000$ DKK and $< 5,000,000$ DKK].[Day] _x [Amount] _y	TIPS.stat.M19.u _(DKK)
$\geq 5,000,000$ DKK and $< 7,500,000$ DKK].[Day] _x [Amount] _y	TIPS.stat.M19.w _(DKK)
$\geq 7,500,000$ DKK].[Day] _x [Amount] _y	TIPS.stat.M19.x _(DKK)
Number of settled IPs in DKK, per Hour and calendar day	
[00h00 - 01h00 CET].[Day] _x	TIPS.stat.M20.a _(DKK)
[01h00 - 02h00 CET].[Day] _x	TIPS.stat.M20.b _(DKK)
[02h00 - 03h00 CET].[Day] _x	TIPS.stat.M20.c _(DKK)
[03h00 - 04h00 CET].[Day] _x	TIPS.stat.M20.d _(DKK)
[04h00 - 05h00 CET].[Day] _x	TIPS.stat.M20.e _(DKK)

Change Request form

Label	CodeIndicator's reference
[05h00 - 06h00 CET].[Day] _x	TIPS.stat.M20.f _(DKK)
[06h00 - 07h00 CET].[Day] _x	TIPS.stat.M20.g _(DKK)
[07h00 - 08h00 CET].[Day] _x	TIPS.stat.M20.h _(DKK)
[08h00 - 09h00 CET].[Day] _x	TIPS.stat.M20.i _(DKK)
[09h00 - 10h00 CET].[Day] _x	TIPS.stat.M20.j _(DKK)
[10h00 - 11h00 CET].[Day] _x	TIPS.stat.M20.k _(DKK)
[11h00 - 12h00 CET].[Day] _x	TIPS.stat.M20.l _(DKK)
[12h00 - 13h00 CET].[Day] _x	TIPS.stat.M20.m _(DKK)
[13h00 - 14h00 CET].[Day] _x	TIPS.stat.M20.n _(DKK)
[14h00 - 15h00 CET].[Day] _x	TIPS.stat.M20.o _(DKK)
[15h00 - 16h00 CET].[Day] _x	TIPS.stat.M20.p _(DKK)
[16h00 - 17h00 CET].[Day] _x	TIPS.stat.M20.q _(DKK)
[17h00 - 18h00 CET].[Day] _x	TIPS.stat.M20.r _(DKK)
[18h00 - 19h00 CET].[Day] _x	TIPS.stat.M20.s _(DKK)
[19h00 - 20h00 CET].[Day] _x	TIPS.stat.M20.t _(DKK)
[20h00 - 21h00 CET].[Day] _x	TIPS.stat.M20.u _(DKK)
[21h00 - 22h00 CET].[Day] _x	TIPS.stat.M20.v _(DKK)
[22h00 - 23h00 CET].[Day] _x	TIPS.stat.M20.w _(DKK)
[23h00 - 24h00 CET].[Day] _x	TIPS.stat.M20.x _(DKK)
<u>Value of settled IPs in DKK, per Hour and calendar day</u>	
[00h00 - 01h00 CET].[Day] _x	TIPS.stat.M21.a _(DKK)
[01h00 - 02h00 CET].[Day] _x	TIPS.stat.M21.b _(DKK)
[02h00 - 03h00 CET].[Day] _x	TIPS.stat.M21.c _(DKK)
[03h00 - 04h00 CET].[Day] _x	TIPS.stat.M21.d _(DKK)
[04h00 - 05h00 CET].[Day] _x	TIPS.stat.M21.e _(DKK)
[05h00 - 06h00 CET].[Day] _x	TIPS.stat.M21.f _(DKK)
[06h00 - 07h00 CET].[Day] _x	TIPS.stat.M21.g _(DKK)
[07h00 - 08h00 CET].[Day] _x	TIPS.stat.M21.h _(DKK)
[08h00 - 09h00 CET].[Day] _x	TIPS.stat.M21.i _(DKK)
[09h00 - 10h00 CET].[Day] _x	TIPS.stat.M21.j _(DKK)
[10h00 - 11h00 CET].[Day] _x	TIPS.stat.M21.k _(DKK)
[11h00 - 12h00 CET].[Day] _x	TIPS.stat.M21.l _(DKK)
[12h00 - 13h00 CET].[Day] _x	TIPS.stat.M21.m _(DKK)
[13h00 - 14h00 CET].[Day] _x	TIPS.stat.M21.n _(DKK)
[14h00 - 15h00 CET].[Day] _x	TIPS.stat.M21.o _(DKK)
[15h00 - 16h00 CET].[Day] _x	TIPS.stat.M21.p _(DKK)
[16h00 - 17h00 CET].[Day] _x	TIPS.stat.M21.q _(DKK)
[17h00 - 18h00 CET].[Day] _x	TIPS.stat.M21.r _(DKK)
[18h00 - 19h00 CET].[Day] _x	TIPS.stat.M21.s _(DKK)
[19h00 - 20h00 CET].[Day] _x	TIPS.stat.M21.t _(DKK)
[20h00 - 21h00 CET].[Day] _x	TIPS.stat.M21.u _(DKK)
[21h00 - 22h00 CET].[Day] _x	TIPS.stat.M21.v _(DKK)

Change Request form

Label	CodeIndicator's reference
[22h00 - 23h00 CET].[Day] _x	TIPS.stat.M21.w _(DKK)
[23h00 - 24h00 CET].[Day] _x	TIPS.stat.M21.x _(DKK)
Number of unsettled IPs in DKK, per Hour and calendar day	
[00h00 - 01h00 CET].[Day] _x	TIPS.stat.M22.a _(DKK)
[01h00 - 02h00 CET].[Day] _x	TIPS.stat.M22.b _(DKK)
[02h00 - 03h00 CET].[Day] _x	TIPS.stat.M22.c _(DKK)
[03h00 - 04h00 CET].[Day] _x	TIPS.stat.M22.d _(DKK)
[04h00 - 05h00 CET].[Day] _x	TIPS.stat.M22.e _(DKK)
[05h00 - 06h00 CET].[Day] _x	TIPS.stat.M22.f _(DKK)
[06h00 - 07h00 CET].[Day] _x	TIPS.stat.M22.g _(DKK)
[07h00 - 08h00 CET].[Day] _x	TIPS.stat.M22.h _(DKK)
[08h00 - 09h00 CET].[Day] _x	TIPS.stat.M22.i _(DKK)
[09h00 - 10h00 CET].[Day] _x	TIPS.stat.M22.j _(DKK)
[10h00 - 11h00 CET].[Day] _x	TIPS.stat.M22.k _(DKK)
[11h00 - 12h00 CET].[Day] _x	TIPS.stat.M22.l _(DKK)
[12h00 - 13h00 CET].[Day] _x	TIPS.stat.M22.m _(DKK)
[13h00 - 14h00 CET].[Day] _x	TIPS.stat.M22.n _(DKK)
[14h00 - 15h00 CET].[Day] _x	TIPS.stat.M22.o _(DKK)
[15h00 - 16h00 CET].[Day] _x	TIPS.stat.M22.p _(DKK)
[16h00 - 17h00 CET].[Day] _x	TIPS.stat.M22.q _(DKK)
[17h00 - 18h00 CET].[Day] _x	TIPS.stat.M22.r _(DKK)
[18h00 - 19h00 CET].[Day] _x	TIPS.stat.M22.s _(DKK)
[19h00 - 20h00 CET].[Day] _x	TIPS.stat.M22.t _(DKK)
[20h00 - 21h00 CET].[Day] _x	TIPS.stat.M22.u _(DKK)
[21h00 - 22h00 CET].[Day] _x	TIPS.stat.M22.v _(DKK)
[22h00 - 23h00 CET].[Day] _x	TIPS.stat.M22.w _(DKK)
[23h00 - 24h00 CET].[Day] _x	TIPS.stat.M22.x _(DKK)
Value of unsettled IPs in DKK, per Hour and calendar day	
[00h00 - 01h00 CET].[Day] _x	TIPS.stat.M23.a _(DKK)
[01h00 - 02h00 CET].[Day] _x	TIPS.stat.M23.b _(DKK)
[02h00 - 03h00 CET].[Day] _x	TIPS.stat.M23.c _(DKK)
[03h00 - 04h00 CET].[Day] _x	TIPS.stat.M23.d _(DKK)
[04h00 - 05h00 CET].[Day] _x	TIPS.stat.M23.e _(DKK)
[05h00 - 06h00 CET].[Day] _x	TIPS.stat.M23.f _(DKK)
[06h00 - 07h00 CET].[Day] _x	TIPS.stat.M23.g _(DKK)
[07h00 - 08h00 CET].[Day] _x	TIPS.stat.M23.h _(DKK)
[08h00 - 09h00 CET].[Day] _x	TIPS.stat.M23.i _(DKK)
[09h00 - 10h00 CET].[Day] _x	TIPS.stat.M23.j _(DKK)
[10h00 - 11h00 CET].[Day] _x	TIPS.stat.M23.k _(DKK)
[11h00 - 12h00 CET].[Day] _x	TIPS.stat.M23.l _(DKK)
[12h00 - 13h00 CET].[Day] _x	TIPS.stat.M23.m _(DKK)
[13h00 - 14h00 CET].[Day] _x	TIPS.stat.M23.n _(DKK)

Change Request form

Label	Code Indicator's reference
[14h00 - 15h00 CET].[Day] _x	TIPS.stat.M23.o _(DKK)
[15h00 - 16h00 CET].[Day] _x	TIPS.stat.M23.p _(DKK)
[16h00 - 17h00 CET].[Day] _x	TIPS.stat.M23.q _(DKK)
[17h00 - 18h00 CET].[Day] _x	TIPS.stat.M23.r _(DKK)
[18h00 - 19h00 CET].[Day] _x	TIPS.stat.M23.s _(DKK)
[19h00 - 20h00 CET].[Day] _x	TIPS.stat.M23.t _(DKK)
[20h00 - 21h00 CET].[Day] _x	TIPS.stat.M23.u _(DKK)
[21h00 - 22h00 CET].[Day] _x	TIPS.stat.M23.v _(DKK)
[22h00 - 23h00 CET].[Day] _x	TIPS.stat.M23.w _(DKK)
[23h00 - 24h00 CET].[Day] _x	TIPS.stat.M23.x _(DKK)

36) 4.3.5. List of nNational tTransactions indicators for non-Euro currencies

The table below contains the exhaustive list of general National Transactions Indicators present in TIPS for non-Euro currencies. The detailed information about these measures is defined in paragraph [1.5.8.2 "National Transactions"](#).

Label	Code Indicator's reference
Period (month or quarter)	
National transactions	
Transactions per country	
[Country code]	TIPS.stat.M6.[Country code] OR [empty]
Unsettled <u>t</u>Transactions per country	
[Country code]	TIPS.stat.M7.[Country code] OR [empty]
Recall Request per country	
[Country code]	TIPS.stat.M8.[Country code] OR [empty]
Unsettled <u>t</u>Transactions per reason code	
[Country code].[Reason code] ₁ ...[Country code].[Reason code] _m	TIPS.stat.M9.[Country code].[Reason code] ₁ ... TIPS.stat.M9.[Country code].[Reason code] _m
Recall Request per reason code	
[Country code].[Reason code] ₁ ...[Country code].[Reason code] _m	TIPS.stat.M10.[Country code].[Reason code] ₁ ... TIPS.stat.M10.[Country code].[Reason code] _m
Request for Recall per Country	
[Country code]	TIPS.stat.M11.[Country code] OR [empty] TIPS.stat.M11.[Country code] OR [empty]
Volume of national payment transactions	
[Country code].[Currency code]	TIPS.stat.M12.[Country code]
Value of national payment transactions	
[Country code].[Currency code]	TIPS.stat.M13.[Country code]
<u>Volume of national settled IPs in DKK</u>	
[Country code]	TIPS.stat.M24.[Country code] _(DKK)
<u>Value of national settled IPs in DKK</u>	
[Country code]	TIPS.stat.M25.[Country code] _(DKK)
<u>Volume of national unsettled IPs in DKK</u>	

Change Request form

Label	Code Indicator's-reference
[Country code]	TIPS.stat.M26.[Country code] _(DKK)
Volume of settled cross-border IPs in DKK	
<i>Transactions per Originator PSP country</i>	
[Country code] _x	TIPS.stat.M27.[Country code] _(DKK)
<i>Transactions per Beneficiary PSP country</i>	
[Country code] _x	TIPS.stat.M28.[Country code] _(DKK)
Value of settled cross-border IPs in DKK	
<i>Value per Originator PSP country</i>	
[Country code] _x	TIPS.stat.M29.[Country code] _(DKK)
<i>Value per Beneficiary PSP country</i>	
[Country code] _x	TIPS.stat.M30.[Country code] _(DKK)
Volume of unsettled cross-border IPs in DKK	
<i>Transactions per Originator PSP country</i>	
[Country code] _x	TIPS.stat.M31.[Country code] _(DKK)
<i>Transactions per Beneficiary PSP country</i>	
[Country code] _x	TIPS.stat.M32.[Country code] _(DKK)
Value of unsettled cross-border IPs in DKK	
<i>Value per Originator PSP country</i>	
[Country code] _x	TIPS.stat.M33.[Country code] _(DKK)
<i>Value per Beneficiary PSP country</i>	
[Country code] _x	TIPS.stat.M34.[Country code] _(DKK)
Volume of cross-border Recall request in DKK	
<i>Recall Request per Originator PSP country</i>	
[Country code] _x	TIPS.stat.M35.[Country code] _(DKK)
<i>Recall Request per Beneficiary PSP country</i>	
[Country code] _x	TIPS.stat.M36.[Country code] _(DKK)
Unsettled cross-border IPs in DKK per reason code	
<i>Transactions per reason code and Originator PSP Country</i>	
[Country code].[Reason code] ₁ ...[Country code].[Reason code] _m	TIPS.stat.M37.[Country code].[Reason code] _{1...} TIPS.stat.M37.[Country code].[Reason code] _m
<i>Transactions per reason code and Originator PSP Country</i>	
[Country code].[Reason code] ₁ ...[Country code].[Reason code] _m	TIPS.stat.M38.[Country code].[Reason code] _{1...} TIPS.stat.M38.[Country code].[Reason code] _m
Cross-border Recall Requests in DKK per reason code	
<i>Recall requests per reason code and Originator PSP Country</i>	
[Country code].[Reason code] ₁ ...[Country code].[Reason code] _m	TIPS.stat.M39.[Country code].[Reason code] _{1...} TIPS.stat.M39.[Country code].[Reason code] _m
<i>Recall requests per reason code and Originator PSP Country</i>	
[Country code].[Reason code] ₁ ...[Country code].[Reason code] _m	TIPS.stat.M40.[Country code].[Reason code] _{1...} TIPS.stat.M40.[Country code].[Reason code] _m
Cross-border Request for Recall by Originator in DKK per reason code	
<i>Request for Recall by Originator per reason code and Originator PSP Country</i>	
[Country code] _x	TIPS.stat.M41.[Country code] _(DKK)

Change Request form

Label	Code Indicator's-reference
<i>Request for Recall by Originator per reason code and Originator PSP Country</i>	
[Country code]x	TIPS.stat.M42.[Country code]_(DKK).OR

High-level description of Impact:

Adaptation to the current statistical framework for non-Euro currencies, introduced with CR TIPS-0032 and initially limited to SEK, would be required in order to foresee a segregation of indicators across different currencies. The changes stem from the requirements raised by the Danmarks Nationalbank's Feasibility Assessment.

Besides the customization of the existing statistical indicators for non-euro currencies, a new set of DKK-specific statistical indicators and raw data provision shall be implemented.

Impacts on other projects and products:

No impact is foreseen on other TARGET services:

- T2: no impact
- ECMS: no impact
- T2S: no impact
- TARGET2: no impact

Outcome/Decisions:

Since the CR is not deemed critical for the on-boarding, the current assumption is to allocate this CR in the R2024.NOV (former R.7.0) release, in compliance with the current planning for the DKK on-boarding in TIPS.

Change Request form

L3 analysis - General Information	
Impact on TIPS	
Business Interface	
X	A2A Interface
	U2A Interface
Settlement Engine	
	Payment Transaction
	Liquidity Transfer
	Recall
Queries and Reports	
X	Queries
	Reports
Other functions	
	Local Reference Data Management
X	Statistics
	Complex Queries and Reports
	Mobile Proxy Look-up
Common Components	
	ESMIG
	CRDM
	Archiving
	Billing
	DMT
Operational Tools	
	SLA Reporting
	TMS
	Technical Monitoring

Change Request form

	Change Management	
	Capacity Management	
Infrastructure request		
	Application components impacted	
	Application components not impacted	
Operational activities		
	Business activities impacted	
	Technical activities impacted	
Other functionalities		
	Enhanced Information Database (EIDB)	
Impact on documentation		
Document	Chapter	Change
TIPS UDFS	1.5.6.3.1 Liquidity transfer raw data for non-Euro currency	New section for raw data related to granular information on Liquidity Transfers
	1.5.8 Statistical Indicators for non-Euro currency	Editorial changes
	1.5.8.1 General figures	Editorial changes
	1.5.8.1.1 Number of IP transactions in non-Euro currency per amount	Adaptation for the generalization to multiple non-Euro currencies
	1.5.8.1.2 Number of IP transactions in non-Euro currency per hour	Adaptation for the generalization to multiple non-Euro currencies
	1.5.8.1.3 Number of positive confirmation messages per duration of the processing	Editorial changes
	1.5.8.1.4 Number of negative confirmation messages per duration of the processing	Editorial changes
	1.5.8.1.5 Number of Investigation Requests processed by TIPS	Editorial changes
	1.5.8.1.6 Number of settled IP transactions in non-Euro currency, aggregated by originator PSP BIC	Definition of a new statistical indicator
	1.5.8.1.7 Value of settled IP transactions in non-Euro currency, aggregated by originator PSP BIC	Definition of a new statistical indicator
	1.5.8.1.8 Number of settled IP transactions in non-Euro currency, per amount	Definition of a new statistical indicator
	1.5.8.1.9 Value of settled IP transactions in non-Euro currency, per amount	Definition of a new statistical indicator
	1.5.8.1.10 Number of unsettled IP transactions in non-Euro currency, per amount	Definition of a new statistical indicator
1.5.8.1.11 Value of unsettled IP transactions in non-Euro currency, per amount	Definition of a new statistical indicator	

Change Request form

	1.5.8.1.12 Number of settled IP transactions in non-Euro currency, per hour	Definition of a new statistical indicator
	1.5.8.1.13 Value of settled IP transactions in non-Euro currency, per hour	Definition of a new statistical indicator
	1.5.8.1.14 Number of unsettled IP transactions in non-Euro currency, per hour	Definition of a new statistical indicator
	1.5.8.1.15 Value of unsettled IP transactions in non-Euro currency, per hour	Definition of a new statistical indicator
	1.5.8.2 National transactions	Editorial changes and definition of new statistical indicators
	1.5.8.3 Cross-border transactions	New statistical indicators
	1.5.8.3.1 Number of settled cross-border IP transactions in non-Euro currency	New section describing the new statistical indicator
	1.5.8.3.2 Value of settled cross-border IP transactions in non-Euro currency	New section describing the new statistical indicator
	1.5.8.3.3 Number of unsettled cross-border IP transactions in non-Euro currency	New section describing the new statistical indicator
	1.5.8.3.4 Value of unsettled cross-border IP transactions in non-Euro currency	New section describing the new statistical indicator
	1.5.8.3.5 Number of cross-border Recall Requests in non-Euro currency	New section describing the new statistical indicator
	1.5.8.3.6 Number of unsettled cross-border IP transactions in non-Euro Currency grouped by reason code	New section describing the new statistical indicator
	1.5.8.3.7 Number of cross-border Recall Requests in non-Euro currency grouped by reason code	New section describing the new statistical indicator
	1.5.8.3.8 Number of cross-border Request for Recall by Originator in non-Euro currency	New section describing the new statistical indicator
	4.3.4. List of general indicators for non-Euro currencies	Update of summary table of all non-Euro indicators
	4.3.5. List of national transactions indicators for non-Euro currencies	Update of summary table of all non-Euro indicators
TIPS UHB	n/a	
Training documentation	n/a	
Other documents	n/a	

Change Request form

Summary of functional, development, infrastructure, operational and security impacts

Summary of functional impact:

The statistical framework for non-Euro currency shall be extended to comply with the additional requirements requested by the Danmarks Nationalbank.

The requested functional changes imply:

- 1) an adaptation of the existing indicators already developed for the Riksbank's on-boarding, whenever an aggregation per amount is envisioned due to different thresholds depending on the currency;
- 2) the definition of new statistical indicators required by the Danish Central Bank;
- 3) the set-up of a new flow for raw data information focused on liquidity transfer processing denominated in DKK.

Statistical indicators for DKK

The following list of DKK indicators is envisaged as part of non-Euro currency statistical framework provision offered by TIPS:

- 19 indicators are deemed brand new
- 8 indicators can be adapted from SEK, differentiating by currency
- 10 indicators are new for non-Euro currency whereas they are already part of the Euro statistical framework
- 1 new raw data flow

ID	Statistical indicator	New/reuse indicator
1	Number of settled IPs in DKK, by originator PSP BIC and calendar day	New indicator
2	Value of settled IPs in DKK, by originator PSP BIC and calendar day	New indicator
3	Number of unsettled IPs in DKK per calendar day and amount	New indicator
4	Value of unsettled IPs in DKK per calendar day and amount	New indicator
5	Number of settled IPs in DKK per calendar day and amount	New indicator
6	Value of settled IPs in DKK per calendar day and amount	New indicator
7	Value of settled IPs in DKK per calendar day and hour	New indicator
8	Value of unsettled IPs in DKK per calendar day and hour	New indicator
9	Number of settled IPs in DKK per calendar day and hour	New indicator
10	Number of unsettled IPs in DKK per calendar day and hour	New indicator
11	Number of unsettled national IPs in DKK	New indicator
12	Value of unsettled national IPs in DKK	New indicator
13	Value of settled national IPs in DKK	New indicator
14	Number of unsettled cross-border IPs in DKK (originator PSP view)	New indicator
15	Number of unsettled cross-border IPs in DKK (beneficiary PSP view)	New indicator
16	Value of unsettled cross-border IPs in DKK (originator PSP view)	New indicator
17	Value of unsettled cross-border IPs in DKK (beneficiary PSP view)	New indicator
18	Value of settled cross-border IPs in DKK (originator PSP view)	New indicator
19	Value of settled cross-border IPs in DKK (beneficiary PSP view)	New indicator
20	Number of positive confirmation messages in DKK per duration of the processing	Reuse indicator
21	Number of negative confirmation messages in DKK per duration of the processing	Reuse indicator
22	Number of Investigation requests for instant payments in DKK	Reuse indicator
23	Number of settled national IPs in DKK	Reuse indicator
24	Number of unsettled national IPs in DKK, grouped by reason code	Reuse indicator
25	Number of national Recall request in DKK	Reuse indicator
26	Number of national Recall request in DKK, grouped by reason code	Reuse indicator
27	Number of national Request for Recall by the Originator in DKK	Reuse indicator
28	Number of settled cross-border IPs in DKK (originator PSP view);	New non-Euro indicator
29	Number of settled cross-border IPs in DKK (beneficiary PSP view);	New non-Euro indicator
30	Number of cross-border Recall request in DKK (originator PSP view);	New non-Euro indicator
31	Number of cross-border Recall request in DKK (beneficiary PSP view);	New non-Euro indicator
32	Number of cross-border Request for Recall by the Originator (originator PSP view)	New non-Euro indicator
33	Number of cross-border Request for Recall by the Originator (beneficiary PSP view)	New non-Euro indicator
34	Number of cross-border Recall request in DKK by reason code; (originator PSP view)	New non-Euro indicator
35	Number of cross-border Recall request in DKK by reason code; (beneficiary PSP view)	New non-Euro indicator
36	Number of unsettled cross-border IPs in DKK by reason code (originator PSP view)	New non-Euro indicator

Change Request form

37	Number of unsettled cross-border IPs in DKK by reason code (beneficiary PSP view)	New non-Euro indicator
38	Raw data file for Liquidity Management reconciliation	New flow

Raw data flow

A new raw data flat-file encapsulated in XML, accrued on a daily basis after each business date change, shall be produced. The raw data file shall be produced in a flat-file format and it shall contain transactional granular data on the settled Liquidity Transfers in DKK.

The format of each raw the file shall be compliant with the following list of attributes.

ID	Raw data column	Format
1	Debtor BIC	BIC11
2	Creditor BIC	BIC11
3	Debtor account	35x
4	Creditor account	35x
5	Transaction identifier	35x
6	Settlement timestamp	YYYY-MM-DD HH:MM:SS
7	Settlement date	YYYYMMDD
8	Amount	Amount
9	Currency	Currency code

It shall be possible for the TIPS Operator, from the existing dedicated GUI, to trigger the generation and the download of the raw data file for DKK, along with the file containing the statistical indicator for non-Euro currency.

Statistical indicator template

Differently from the data provision for monthly EPC statistics and for SEK, where an Excel spreadsheet is generated on the basis of an agreed template, a flat-file data report seems to be the most appropriate for the DKK statistics. This proposal, to be confirmed at technical level, is due to the variable aggregation per calendar day and participant BIC envisioned for some statistical indicators.

Impacts on functional documentation

An update of the TIPS User Detailed Functional Specification (UDFS) is required to keep track of the editorial changes and the new statistical indicators for non-Euro currency introduced with this Change Request.

Summary of application development impact:

The output of the monthly statistical report for non-Euro currency shall be enhanced adding the following elements:

- Adapted computation of the existing indicators already developed, depending on the currency;
- Development of new statistical indicators required by the Danish Central Bank, filling in the current template;
- Development of new statistical indicators required by the Danish Central Bank, to be added to new template that fits the new aggregation keys requested.
- the set-up of a new flow for raw data in the form of a new U2A query that starts a download over http.

1) Already existing statistical indicators to be adapted for DKK

For each of the following elements, enhancement is needed for (i) creating the level1 aggregated value and (2) computing the output indicator:

- Number of positive confirmation messages in DKK per duration of the processing
- Number of negative confirmation messages in DKK per duration of the processing
- Number of Investigation requests for instant payments in DKK processed by TIPS
- Number of settled national IP transactions in DKK;

Change Request form

Number of unsettled national IP transactions in DKK, grouped by error code;
 Number of national Recall request in DKK;
 Number of national Recall request in DKK, grouped by reason code;
 Number of national Request for Recall by the Originator in DKK.
 Number of settled cross-border IP transactions in DKK (originator PSP view);
 Number of settled cross-border IP transactions in DKK (beneficiary PSP view);
 Number of cross-border Recall request in DKK (originator PSP view);
 Number of cross-border Recall request in DKK (beneficiary PSP view);
 Number of cross-border Request for Recall by the Originator (originator PSP view);
 Number of cross-border Request for Recall by the Originator (beneficiary PSP view);
 Number of cross-border Recall request in DKK, grouped by reason code; (originator PSP view);
 Number of cross-border Recall request in DKK, grouped by reason code; (beneficiary PSP view);
 Number of unsettled cross-border IP transactions in DKK, grouped by reason code (originator PSP view);
 Number of unsettled cross-border IP transactions in DKK, grouped by reason code (beneficiary PSP view).

2) New statistical indicators for DKK – to be added to the current template

For each of the following elements, a new piece of code is needed for (i) creating the level1 aggregated value and (2) computing the output indicator:

Number of unsettled IP transactions in DKK per calendar day, classified per the amount of the thresholds
 Value of unsettled IP transactions in DKK per calendar day, classified per the amount of the thresholds
 Number of settled IP transactions in DKK per calendar day, classified per the amount of the thresholds
 Value of settled IP transactions in DKK per calendar day, classified per the amount of the thresholds
 Number of unsettled national IP transactions in DKK;
 Value of unsettled national IP transactions in DKK;
 Value of settled national IP transactions in DKK.
 Number of unsettled cross-border IP transactions in DKK (originator PSP view);
 Number of unsettled cross-border IP transactions in DKK (beneficiary PSP view);
 Value of unsettled cross-border IP transactions in DKK (originator PSP view);
 Value of unsettled cross-border IP transactions in DKK (beneficiary PSP view);
 Value of settled cross-border IP transactions in DKK (originator PSP view);
 Value of settled cross-border IP transactions in DKK (beneficiary PSP view).

3) New statistical indicators for DKK – to be added to new templates within the folder

For each of the following elements, a new piece of code is needed for (i) creating the level1 aggregated value and (2) computing the output indicator:

Sheet listing data in the form: (Date, BIC, amount, number):

Number of settled IP transactions in DKK, aggregated by originator PSP BIC and per calendar day;

Value of settled IP transactions in DKK, aggregated by originator PSP BIC and per calendar day;

Sheet listing data in the form: (Date, Hour, amount, number):

Value of settled IP transactions in DKK per calendar day, per hour;

Value of unsettled IP transactions in DKK per calendar day, per hour;

Number of settled IP transactions in DKK per calendar day, per hour;

Number of unsettled IP transactions in DKK per calendar day, per hour.

4) New U2A query to extract raw data

A new screen in the GUI will allow to any user owning the relevant system privilege (the function will not be allowed, technically, to DKK's users only).

The screen will allow user to enter a range of dates and will reply listing all data of all LTs, the user is authorized to access, entered in the date range. The user will be allowed to download in .csv format the report.

Summary of infrastructure impact:

Assuming the approach 4) **New U2A query to extract raw data** is approved, infrastructural impacts are minimal.

Change Request form

Summary of operational impact:

Operation Team shall send the new statistics each month to customer downloading them via GUI.

Summary of security impact:

See Change Request Analysis.