



# INSTRUCTIONS FOR PAYMENT AND FRAUD DATA REPORTING (MAPE)

Version: 1.0  
Date: 28.5.2021  
Valid from: 1.1.2022  
Application: 1.1.2022



Financial Stability and Statistics Department

Financial Statistics Office

28.5.2021

Public

### Version history

Version	Date	Valid from	Changes
1.0	28.5.2021	1 January 2022	First version of reporting instructions.



## Contents

<b>1 Introduction</b> .....	5
1.1 Basis of payment statistics reporting and purpose of use of the data .....	5
1.2 Reporting population and granting of derogations.....	6
<b>2 General instructions</b> .....	9
2.1 Data to be reported .....	9
2.2 Payment transactions .....	9
2.3 Payment service provider's role .....	12
2.4 Records to be reported .....	14
2.5 Schedule of submission of fraud and payment data to Bank of Finland.....	15
2.6 Reporter's obligation to retain reported data .....	16
<b>3 Accounts, deposits and offices (ACCO record)</b> .....	17
3.1 Accounts, deposits and offices (field 4) .....	17
3.2 Deposit type (field 5) .....	21
3.3 Assets transferable via network (field 6).....	22
3.4 E-money account (field 7) .....	22
3.5 Payment service user (field 8) .....	24
3.6 Country (field 9) .....	24
<b>4 Number of cards (CARD record)</b> .....	25
4.1 Card type (field 4) .....	25
4.2 E-money card type (field 5).....	27
4.3 Scheme (field 6).....	28
4.4 Cash function (field 7) .....	29
4.5 Combination card (field 8) .....	29
4.6 Card technology (field 9).....	29
4.7 Payment service user (field 10) .....	30
4.8 Country (field 11) .....	31



<b>5 Number of terminals (TERM record)</b> .....	32
5.1 Terminal type (field 4) .....	32
5.2 EFTPOS (field 5).....	33
5.3 Contactless payment (field 6).....	33
5.4 Terminal accepting e-money (field 7) .....	33
5.5 E-money loading/unloading (field 8) .....	33
5.6 Country (field 9) .....	33
<b>6 Half-yearly reporting of payment transactions and fraudulent payment transactions (HPAY record)</b> .....	34
6.1 Reporter's role (field 4).....	34
6.2 Information type (field 5).....	35
6.3 Payment service (field 6).....	36
6.4 Payment service user (field 7) .....	45
6.5 Electronic (field 8).....	46
6.6 Payment order (field 9) .....	46
6.7 Channel for giving consent (field 10) .....	47
6.8 Payment scheme (field 11).....	47
6.9 Instant payment (field 12).....	51
6.10 Card type (field 13) .....	51
6.11 E-money type (field 14) .....	52
6.12 Remote/non-remote (field 15).....	53
6.13 Contactless technology (field 16).....	54
6.14 Terminal (field 17) .....	55
6.15 Initiation channel (field 18) .....	56
6.16 Mobile payment type (field 19).....	57
6.17 Customer authentication (field 20) .....	58
6.18 Reason for non-SCA (field 21) .....	58
6.19 Fraud type (field 22) .....	61
6.20 Liability bearer (field 23) .....	62
6.21 Counterparty's PSP location (field 24) .....	63
6.22 Terminal location (field 25) .....	63



28.5.2021

Public

6.23 Currency (field 26) .....	63
<b>7 Quarterly reporting of payment transactions (QPAY record) .....</b>	<b>64</b>
7.1 Reporter's role (field 4) .....	64
7.2 Information type (field 5) .....	64
7.3 Payment service (field 6) .....	65
7.4 Payment service user (field 7) .....	69
7.5 Electronic (field 8) .....	69
7.6 Remote/non-remote (field 15) .....	69
7.7 Counterparty's PSP location (field 24) .....	70
7.8 Terminal location (field 25) .....	70
<b>8 Annual reporting of payment transactions and fraudulent payment transactions (APAY record) .....</b>	<b>71</b>
8.1 Reporter's role (field 4) .....	71
8.2 Information type (field 5) .....	72
8.3 Payment service (field 6) .....	73
8.4 Electronic (field 8) .....	83
8.5 Channel for giving consent (field 10) .....	83
8.6 Card type (field 13) .....	83
8.7 Remote/non-remote (field 15) .....	85
8.8 Terminal (field 17) .....	85
8.9 Customer authentication (field 20) .....	86
8.10 Reason for non-SCA (field 21) .....	87
8.11 Fraud type (field 22) .....	89
8.12 Liability bearer (field 23) .....	91
8.13 Counterparty's PSP location (field 24) .....	91
8.14 Terminal location (field 25) .....	91
<b>9 Customer services and electronic invoicing (SERV record) .....</b>	<b>92</b>
9.1 Service (field 4) .....	92



Financial Statistics and Statistics Department

Financial Statistics Office

28.5.2021

Public

## 1 Introduction

### 1.1 Basis of payment statistics reporting and purpose of use of the data

The Bank of Finland collects data from payment service providers and payment system operators in the payment and fraud data collection (MAPE data collection) for the conduct of the duties of the European System of Central Banks (ESCB) and the Bank of Finland as well as other national purposes. The data is used, for example, to monitor the development of payment instruments and services, in payment systems oversight, monitoring of fraud related to payment services, monitoring of cross-border trade and preparation of economic forecasts. The Financial Supervisory Authority uses the data in the supervision of payment service providers and payment system operators. The Bank of Finland releases the data to Statistics Finland for the compilation of statistics, and to Finance Finland based on letters of attorney. The data are forwarded via the ECB to the European Banking Authority (EBA). The data may also be disclosed to other national authorities where they have a statutory right to obtain the data concerned. The data may also be used for other statistical purposes and on an anonymised basis for research purposes. The right of the Bank of Finland to disclose information is based on the Act on the Bank of Finland (214/1998, section 26). Statistics compiled by the Bank of Finland are made public e.g. on the websites of the Bank of Finland and the European Central Bank.

The Bank of Finland's authority to obtain information is based on the European Union Regulation concerning the collection of statistical information by the European Central Bank (ECB) (EU No 2533/98, as amended by 2015/373) and sections 26 and 28 of the Act on the Bank of Finland (214/1998).

The payment and fraud data collection is based on the ECB Regulation on payment statistics (ECB/2013/43, as amended by ECB/2020/59, hereinafter *Regulation*) and Guidelines on payment statistics (ECB/2014/13, hereinafter *Guidelines*). In addition, data based on the Act on Payment Institutions (297/2010) is collected in the MAPE data collection. By virtue of section 9 a of the Payment Institutions Act, a payment institution offering payment accounts must report to the FIN-FSA in accordance with chapter 15 a, sections 2–7 of the Credit Institutions Act (610/2014, as amended by 1054/2016 and 448/2017). These data are collected in the MAPE data collection. The MAPE data collection replaces the Bank of Finland's MATI data collection. The MAPE data collection also replaces the FIN-FSA's MF reporting (reporting of fraud data related to payment services), which is based on Directive (EU)



Financial Statistics and Statistics Department

Financial Statistics Office

28.5.2021

Public

2015/2366 (the revised Payment Services Directive, PSD2, hereinafter *Payment Services Directive*) and Guidelines of the European Banking Authority issued thereunder. In addition, the MAPE data collection replaces the FIN-FSA's ML reporting (total number of payment transactions).

Statistical regulations are always binding on the reporters, and by virtue of Article 7 of Regulation 2533/98, the ECB may impose sanctions on reporters which fail to comply with the reporting obligation.

## 1.2 Reporting population and granting of derogations

The actual reporting population in the MAPE data collection consists of payment service providers (incl. issuers of electronic money) and payment system operators. In Finland, these comprise:

- Domestic credit institutions
- Branches of foreign credit institutions in Finland
- Domestic payment institutions
- Branches of foreign payment institutions in Finland
- Domestic registered institutions i.e. legal and natural persons providing payment service without authorisation.

In accordance with the ECB Regulation on payment statistics, all entities included in the actual reporting population are under the reporting obligation. However, by virtue of Article 4, paragraphs 2 and 3 of the Regulation, the national central bank may grant reporting concessions (derogation). In payment and fraud reporting, this means lighter reporting once a year. Hence, it is not possible to have a full exemption from the reporting. Institutions subject to complete reporting are called full reporters and those subject to lighter reporting with derogations are called tail reporters.

A reporter may be given a derogation if it is a small reporter **and** full national data collection covers a sufficient proportion of the total value of payment services provided by the payment service providers in the member state, by payment service.



Financial Statistics and Statistics Department

Financial Statistics Office

28.5.2021

Public

The following are considered small reporters:

1. Domestic registered institutions i.e. legal and natural persons providing payment service without authorisation.
2. Other payment service providers (e.g. credit institutions) if they meet the conditions laid down in Article 32(1) and (2) of the Payment Services Directive and Article 9(1) and (2) of Directive 2009/110/EC, i.e:
  - the monthly average of the preceding 12 months' total value of payment transactions executed by the person concerned (including any agent) amounts to no more than EUR 3 million **and**
  - the total business activities generate an average outstanding electronic money that amounts to no more than EUR 5,000,000

Full national data collection must demonstrate adequate comprehensiveness:

- a) The total contribution of payment service providers subject to derogations may not exceed 5% of the total value of each of the following payment services at the national level:
  - i. Credit transfers (sent),
  - ii. Direct debits (sent),
  - iii. Card-based payment transactions (sent and received),
  - iv. Card withdrawals,
  - v. Electronic money payments (sent),
  - vi. Cheques (sent),
  - vii. Money remittances (sent),
  - viii. Other payment services included in the Payment Services Directive (sent),
  - ix. Payment initiation services,
  - x. Other payment services not included in the Payment Services Directive (sent),
    - Includes, for example account credits/debits by simple account entry.
- b) The total number of account information service providers (AISP) with a derogation may amount to no more than 5% at the national level.



Financial Statistics and Statistics Department

Financial Statistics Office

28.5.2021

Public

In February 2021, the Bank of Finland notified all reporters of the reporting obligation and its scope. The basis of reporting derogations and the coverage of full reporting are checked annually based on the previous calendar year's payment and fraud data. Changes in the reporting obligation, that is, beginning or end of a derogation, are notified separately, leaving the reporter enough time to prepare for the change.



## 2 General instructions

This section describes the general principles and terms used in MAPE reporting.

In addition to the reporting instructions, the reporting is supported by the MAPE record structure and code lists, which have been published on the Bank of Finland's website at:

<https://www.suomenpankki.fi/en/Statistics/reporting-instructions/payment-and-fraud-data/>

The website also includes links to ECB documentation where some of the requirements and instructions of the data collection are derived from.

### 2.1 Data to be reported

The MAPE data collection is used to collect data on payment transactions, cards, accounts and terminals, among other things. The data are related to retail payments, as opposed to wholesale payments. Retail payments refer to payments where either the payer or payee is a non-MFI (for example, a household, non-financial corporation or public corporation). In contrast, wholesale payments are payments where the payer and payee are MFIs. Data pertaining to wholesale payments are not reported in the MAPE data collection.

In payment statistics, all PSPs, also including all MAPE reporters, are included in *monetary financial institutions* (MFI). Non-MFIs (in other words, *the public*) refers to natural or legal persons which are not payment service providers.

The data are collected on an aggregated basis by attribute combinations, i.e. not as individual transactions.

### 2.2 Payment transactions

Payment transactions are reported in the MAPE data collection in three different records: HPAY, QPAY and APAY. Full reporters report the HPAY and QPAY records, while tail reporters report the APAY record. They are identical in terms of the number of fields, but the fields and the code values used in the fields vary. The record structure



Financial Statistics and Statistics Department

Financial Statistics Office

28.5.2021

Public

provides an overall view of the fields used in each payment transaction record, their code values and mandatoriness rules. These instructions contain a separate section for each record with explanations of key items within the records.

The records concerning payment transactions are used report all retail payments (*customer payments*), i.e. payment transactions initiated by non-MFIs to any counterparty and payment transactions initiated by PSPs, where the counterparty is a non-MFI.

In payment statistics, all PSPs, also including all MAPE reporters, are included in *monetary financial institutions* (MFI). Non-MFIs (also *the public*) refers to natural or legal persons which are not payment service providers.

Reportable payment transactions include:

- a) payment transactions which take place between two accounts held at different PSPs and which are executed with the use of an intermediary, i.e. where payments are sent to another PSP or to a payment system; and
- b) payment transactions which take place between two accounts held at the same PSP, e.g. “on-us transactions”, with the transaction being settled either on the accounts of the PSP itself, or with the use of an intermediary, i.e. another PSP or a payment system.

Exceptions:

- To avoid double reporting, credit institutions do not report payments coming into or going out from such accounts held by it that belong to payment institutions (or other credit institutions). Such payments are reported by the relevant payment institution (or other credit institution) in accordance with these instructions.
- To avoid double reporting, credit transfers related to the execution of card payments and direct debits (=settlements) are not reported. This applies to both settlements related to card payments and direct debits between PSPs and settlements/deductions from a PSP to a payee.



Financial Statistics and Statistics Department

Financial Statistics Office

28.5.2021

Public

- To avoid double reporting, payment institutions do not report the crediting of two-phase payment services from client fund accounts to payees (merchant or personal customer); in a two-phase payment service, only the first phase (so-called funding transaction) is reported in the role of payment intermediary.<sup>1</sup>

Payment transactions initiated by a resident PSP and executed with a specific transaction order, i.e. with the use of a payment instrument, are reported broken down by the payment service used and the processing arrangement for the transaction, i.e. scheme. Payment transactions initiated by a resident PSP and executed without a specific transaction order, i.e. without the use of a payment service listed in Annex I to the Payment Services Directive, by simple book entry on the account of a non-MFI, are reported either under account “Credits to the accounts by simple book entry” or “Debits from the accounts by simple book entry”.

Fund transfers between accounts in the same name, and also between different types of accounts are included according to the payment service used. Transfers between different types of accounts include, for example, transfers from a transferable deposit to an account holding a non-transferable deposit.

In relation to bulk payment transactions, each individual payment transaction is counted.

Reportable payment transactions relate to payment transactions accumulated throughout the period, i.e. total for the reference period. The indicators on the value of transactions are compiled in euro and relate to payment transactions denominated in all currencies. Transactions denominated in foreign currency are converted into euro using the ECB reference exchange rate or exchange rates applied for these transactions.

---

<sup>1</sup> In this context, a two-phase payment service refers to different payment services where payment consists of two separate transactions: in the first one (so-called funding transaction), the funds are transferred from the payer to a client fund account held by the payment institution, and in the second phase, the funds are transferred from the payment institution’s client fund account to the actual payee.



Financial Statistics and Statistics Department

Financial Statistics Office

28.5.2021

Public

### 2.3 Payment service provider's role

In the MAPE data collection, the data to be reported for each PSP depends on the payment services provided by the reporter, and the *role* of the reporter in processing payment transactions.

The processing of payment transactions is a process chain typically beginning with the initiation of a payment transaction and ending with the transfer of funds on the payee's account. The main parties to retail payments are payment service providers, payers and payees. PSPs are banks and other payment intermediaries whose services enable the transfer of money from a payer to a payee. The processing of each payment transaction may involve several PSPs in different roles. In role-specific reporting, only information relevant for each role is collected, and it is made sure that the statistics compiled includes each transaction only once (the avoidance of double reporting is also discussed in section 2.2).

PSP roles relevant for the MAPE data collection are the following.

**Payer's PSP** in general refers to the sender of funds. Payer's PSP usually means the PSP servicing the payer's account, or in the case of card payments, the issuer of the card. Issuer is a payment service provider referred in Article 2(2) of Regulation (EU) 2015/751 providing the payer with an instrument to make card-based payments with. The payment cards may be either physical or virtual.

**Payee's PSP** in general refers to the recipient of funds. Payee's PSP usually means the PSP servicing the payee's account, or in the case of card payments, the acquirer of payment transactions. The acquirer is an acquirer as defined in Article 2(1) of Regulation (EU) 2015/751 (2)(1) contracting with a payee to accept and process card-based payment transactions. In payment statistics, acquirer refers to the PSP that has a bilateral agreement with the payee, most often a merchant (end acquirer). This means that payment processors (intermediate acquirers) which do not have an agreement with the payee but function as routers towards card issuers and card schemes are not included in acquirers. Data on transactions processed by payment processors are collected in specific sections under their respective role.



Financial Statistics and Statistics Department

Financial Statistics Office

28.5.2021

Public

**Payment Initiation Service Provider (PISP)** in general refers to a payment initiation service provider as defined in Article 4(18) of the Payment Services Directive. This entity provides a payment service where a user may initiate a payment order with respect to a payment account held at another payment service provider.

**Account information service provider (AISP)** refers to an online service as defined in Article 4(16) of the Payment Services Directive to provide consolidated information on one or more payment accounts held by the payment service user with either another payment service provider or with more than one payment service provider.

**Payment intermediary** (usually a payment institution) refers to payment service providers that operate for example as e-commerce PSPs i.e. providing merchants with a service to receive different payment transactions in e-commerce or within a mobile application and/or operate as mobile payment service providers, which provide a mobile payment service for the transfer of funds. These services include various digital wallets and other mobile payment solutions enabling person-to-person (P2P) or consumer-to-business (C2B) payments.

**Payment processor** means a PSP that processes card payment transactions (is responsible for routing card transactions to card companies and/or card issuers) but does **not** have a direct contractual relationship with the payee for approving and processing card-based payment transactions (vs. acquirer of card payment transactions as discussed under Payee's PSP). Most often the payment processor may function in the payment process "between" the recipients of card payment transactions (payee's PSP) and card companies/card issuers.

In some cases, the PSP may function in several roles, for example as both the payer's PSP and payee's PSP as well as a PISP. In these cases, the payment transactions are reported separately for each role. The link of these roles with each type of payment service is described in more detail in the INFO sheet of the record structure and in these reporting instructions under the *Payment service (field 6)* subheadings of the respective sections concerning the HPAY, QPAY and APAY records.



Financial Statistics and Statistics Department

Financial Statistics Office

28.5.2021

Public

## 2.4 Records to be reported

The MAPE data collection consists of the batch record (technical record that begins the file) and content records. Reporting by full reporters consists of the batch record and six content records, while reporting by tail reporters consists of the batch record and three content records.

Each reporter reports the content records where their record-specific reporting requirement is met. The reportable record types depend on the payment services provided by the reporter and on its role in processing them.

The MAPE survey for full reporters comprises the following records:

Record	Record type	Use
Batch record	000	Technical record that begins the file
Content record	ACCO	Accounts, deposits and offices
Content record	CARD	Number of cards
Content record	TERM	Number of terminals
Content record	HPAY	Payment transactions and fraudulent payment transactions
Content record	QPAY	Quarterly reporting of payment transactions
Content record	SERV	Customer services and electronic invoicing

The MAPE survey for tail reporters comprises the following records:

Record	Record type	Use
Batch record	000	Technical record that begins the file
Content record	ACCO	Accounts, deposits and offices
Content record	CARD	Number of cards
Content record	TERM	Number of terminals
Content record	APAY	Annual reporting of payment transactions and fraudulent payment transactions

The ACCO record is used to report data concerning the number of customer accounts, deposits and offices, among other things. The data are concerned with the amounts of the last banking day of the period under review or cumulative transactions for the period, depending on the type of data.

The CARD record is used to report data concerning the number of cards issued, broken down by function. The data are concerned with the amounts of the last banking day of the period under review.



Financial Statistics and Statistics Department

Financial Statistics Office

28.5.2021

Public

The TERM record is used to report data concerning the number of terminals accepting payment instruments, broken down by function. The data are concerned with the amounts of the last banking day of the period under review.

The HPAY record is used by full reporters to report the number and value of payment transactions and fraudulent payment transactions as well as losses due to fraud on a half-yearly basis, broken down among other things by payment service used, scheme, type of payment service user, terminal, initiation channel, strong customer authentication, fraud type, country of location of counterparty's PSP and country of location of terminal. The data are concerned with cumulative flows for the review period.

The QPAY record is used by full reporters to report quarterly payment transactions by payment service. Card payments are reported at a more detailed level than other payment transactions. The data are concerned with cumulative flows for the review period.

The APAY record is used by tail reporters to report the number and value of payment transactions and fraudulent payment transactions as well as losses due to fraud on an annual basis. Although the data are submitted once a year, they must, however, be reported on a half-yearly basis. The data are concerned with cumulative flows for the period.

The SERV record is used by credit institutions included in tail reporters to report data concerning customer services and invoicing. The data are concerned with the amounts of the last banking day of the period under review or cumulative transactions for the period, depending on the type of data.

## 2.5 Schedule of submission of fraud and payment data to Bank of Finland

Full reporters submit data to the Bank of Finland in quarterly and half-yearly intervals. Tail reporters submit the data once a year but at a half-yearly level. Tail reporters may also choose to submit the data on a half-yearly basis.



Financial Statistics and Statistics Department

Financial Statistics Office

28.5.2021

Public

The schedules of submission of the data to the Bank of Finland are as follows:

Reporting entities	Frequency	Reference period	Submission deadline
Full reporter	Quarterly (Q)	Quarter (Q)	1 month from reference period
Full reporter	Half-yearly (H)	Half-year (H)	2 months from reference period
Tail reporter	Annually (A)	Half-year (H)	3 months (and 8 months) from reference period

The Bank of Finland announces the submission schedules of the following year's reports on its website.

## 2.6 Reporter's obligation to retain reported data

Reporters are obliged to retain reports submitted for the Bank of Finland's MAPE data collection for five (5) years. This obligation refers to CSV-formatted report files.

In developing their internal reporting systems, reporters should consider the possibility to create reports retrospectively for the purpose of revising previously submitted data. The need to submit revision reports may concern the most recent reporting periods, but the Bank of Finland may also request revisions from a longer period in case of systematic and substantial errors.



Financial Statistics and Statistics Department

Financial Statistics Office

28.5.2021

Public

### 3 Accounts, deposits and offices (ACCO record)

The ACCO record is used to report data related to payment accounts, deposits, client funds, e-money issued and offices. The data in the ACCO record are reported by credit institutions, payment institutions and payment service providers without authorisation. In other words, both full and tail reporters are obliged to report the data in the ACCO record. As an exception, the *number of agents* is only reported by payment institutions and registered PSPs without an authorisation.

The data are reported with a half-yearly breakdown. Both stock and flow data are reported in the ACCO record. Stock data refer to end-of-period, i.e. position on the last working day of the reference year-half. Flow data are concerned with cumulative data over the reporting period.

The record includes requirements from Table 1 of the Regulation (*Institutions providing payment services to non-payment institutions*), from the Guidelines as well as national requirements.

#### 3.1 Accounts, deposits and offices (field 4)

The reportable data is specified in the field (code list 4: accounts, deposits and offices) The reportable categories are as follows:

- Deposits (A010)
- Payment accounts (A020)
- Payment accounts accessed by AISPs (A021)
- Opened payment accounts with basic features (A022)
- Refused applications for payment accounts with basic features (A023)
- Switched consumers' payment accounts (A024)
- Refused applications for switching consumers' payment accounts (A025)
- Client funds (A030)
- E-money issued (A031)



Financial Statistics and Statistics Department

Financial Statistics Office

28.5.2021

Public

- Number of AISP's clients (A040)
- Number of offices (A050)
- Number of offices offering payment services (A051)
- Number of offices offering cash services (A052)
- Number of agents (A060)

**Deposits (A010)** comprise deposits from the public held by the reporting credit institution on the last banking day of the calendar year. This includes transferable overnight deposits, non-transferable overnight deposits as well as non-overnight deposits. Deposit types are described in more detail in section 3.2. Only deposit accounts with a positive balance are considered deposits. Hence, the number of deposits shall not include accounts with a zero or negative balance.

**Payment accounts (A020)** comprises payment accounts under Article 4 of the Payment Services Directive used to execute payment transactions. Payment accounts include transferable overnight deposits (see section 3.2), e-money accounts and, for example, credit card accounts with a credit feature. E-money account refers to an account in which e-money is stored and in which the balance can be used by the account holder to make payments and to transfer funds between accounts. Electronic money accounts do not include cards on which electronic money can be stored directly. All payment accounts are reported, regardless of whether the balance on the account is positive, zero or negative. Reportable number means the number of accounts at the end of the reporting period.

**Number of payment accounts accessed by AISPs (A021)** is used by payer's PSPs, i.e. servicers of payment accounts to report the number of payment accounts accessed by account information service providers (AISP) during the reporting period. This data is reported by payer's PSPs, i.e. the account servicing PSP, not the AISP. Each account is reported only once even if it has been accessed multiple times.

**Opened payment accounts with basic features (A022)** refers to payment accounts with basic features opened in the credit institution during a calendar year. Payment accounts with basic features refer to accounts defined in chapter, sections 6 and 6 a of the Act on Credit Institutions (610/2014), subject to the special termination and cancellation terms determined in section 6 b of said Act.



Financial Statistics and Statistics Department

Financial Statistics Office

28.5.2021

Public

**Refused applications for payment accounts with basic features (A023)** refers to applications for payment accounts with basic features refused during the credit institution during a calendar year. Payment accounts with basic features refer to accounts defined in chapter 16, sections 6 and 6 a of the Act on Credit Institutions (610/2014).

**Switched consumers' payment accounts (A024)** comprises the number of consumers' payment accounts transferred in the switching service referred to in chapter 15 a of the Act on Credit Institutions (610/2014) during the calendar year. In accordance with section 9a of the Payment Institutions Act (297/2010/), an institution that offers payment accounts has to offer an account switching service to consumers and report to FIN-FSA thereof in line with chapter 15 a sections 2–7 of the Credit institutions Act. Only the transferring payment service provider (the PSP in which the account was held) reports this data. In this context, a consumer payment account means a payment account held in the name of one or more consumers (any natural person who is primarily acting for purposes which are outside his trade, business, craft or profession) and specified in Directive 2014/92/EU (incl. Articles 1, 2 and 9).

**Refused applications for switching consumers' payment accounts (A025)** comprises the number of applications for switching consumers' payment accounts refused in the switching service referred to in chapter 15 a of the Act on Credit Institutions (610/2014) during the calendar year. In accordance with section 9a of the Payment Institutions Act (297/2010/), an institution that offers payment accounts has to offer an account switching service to consumers and report to FIN-FSA thereof in line with chapter 15a sections 2–7 of the Credit Institutions Act. Only the transferring service provider reports this data. In this context, a consumer payment account means a payment account held in the name of one or more consumers (any natural person who is primarily acting for purposes which are outside his trade, business, craft or profession) and specified in Directive 2014/92/EU (e.g. Articles 1, 2 and 9).

**Client funds (A030)** refer to funds held by the reporter belonging to another, for example the amount of e-money issued and/or the amount of funds belonging to the payment institutions customers held on the payment institution's account in a credit institution.



Financial Statistics and Statistics Department

Financial Statistics Office

28.5.2021

Public

**E-money issued (A031)** comprises the value of electronic money issued by the issuer of electronic money and other institutions than the issuer – also other issuers of electronic money than the issuer concerned – at the end of the reporting period. The value of storages also includes storages on e-money cards, on which e-money can be stored directly. Electronic money issued in all currencies is reported converted into euro.

**Number of AISP's clients (A040)** refers to the number clients of the Account Information Service Provider on the last day of the reference period regardless of whether the clients have used the service. This data is reported by AISPs (incl. credit institutions operating as AISPs).

**Number of offices (A050)** includes all offices located in the reporting country. The number of offices includes the head office but not foreign branches. The number of offices is counted as at the end of the reference period.

**Number of offices offering payment services (A051)** includes the number of offices includes all offices where it is possible to make payment-services related transactions, as defined in Guideline (ECB/2014/15) of the European Central Bank, Annex II, Part 16 (Table 2). Payment-services-related transactions refer to transactions where a service provider acting between the payer and payee transfers funds between the parties based on an order received from them, or where a customer wishes to move money between its own payment accounts. Head offices are included in the count where it is possible to execute payment services-related transactions in the head office. These offices are also included in the item *Number of offices (A050)*

**Number of offices offering cash services (A052)** includes offices providing cash services. These offices are also included in the items *Offices offering payment services (A051)* and *Number of offices (A050)*. This item, similarly to the abovementioned items concerning offices, also include such PSP locations which are not necessarily traditional bank branches but where one can make cash withdrawals and deposits, for instance. Excludes bureaux de change.

**Number of agents (A060)** refers to agents as referred to in section 24 of the Payment Institutions Act (297/2010), through which the payment institution offers its payment services. The agent operates on behalf and at the responsibility of the payment institution. The item is only reported by payment institutions and registered PSPs.



Financial Statistics and Statistics Department

Financial Statistics Office

28.5.2021

Public

### 3.2 Deposit type (field 5)

Deposits (field 4, code value A010) are broken down in field 5 based on the type of deposit (code list 5: deposit type). The reportable categories are as follows:

- Transferable overnight deposit (OD1)
- Non-transferable overnight deposit (OD2)
- Deposit other than an overnight deposit (NOD)

Only deposit accounts with a positive balance are considered deposits in each category. Hence, the number of deposits shall not include accounts with a zero or negative balance.

**Transferable overnight deposit (OD1)** refers to deposits repayable on demand and directly transferable on demand to perform a payment to a different economic agent by commonly used means of payment, such as credit transfer, direct debit, payment card or similar means, without significant delay, restriction or penalty. Accounts whose deposits may only be used for cash withdrawals and/or withdrawn or transferred only through the same account holder's other account are not transferable overnight deposit accounts.

**Non-transferable overnight deposit (OD2)** refers, for example, to such deposits repayable on demand which may only be used for cash withdrawals and/or withdrawn or transferred only through the same account holder's other account.

**Non-overnight deposit (NOD)** includes all other forms of deposit not repayable on demand, i.e. it is a residual category. This includes, for example, deposits with an agreed maturity that have an agreed fixed maturity and that cannot be converted into currency before an agreed fixed term or that can only be converted into currency before that agreed term provided that the holder is charged some kind of penalty. The category also includes so-called deposits redeemable at notice, which do not have an agreed maturity but have a notice period, during which conversion into currency is impossible or possible only with a penalty. The category also includes savings deposits or yield deposits that are in principle legally repayable on demand, but are subject to penalties and restrictions such as restrictive drawing provisions, according to national practice.



Financial Statistics and Statistics Department

Financial Statistics Office

28.5.2021

Public

### 3.3 Assets transferable via network (field 6)

Deposits (field 4, code value A010) are broken down in field 6 based on whether the funds are accessible online (*Y*) or not (*N*). Report the value *Y* in the field for deposits which are usable electronically via the Internet or PC banking using dedicated software and dedicated telecommunication lines in order to effectuate payments. The item does not include deposits with telephone or mobile phone banking access, unless they are also accessible via the Internet or PC banking. Assets transferable via network also includes assets that can be accessed via a terminal supplied by a payment service provider. Such terminals may include ATMs with additional functionality or other devices supplied by the PSP which are connected to the account via telecommunication. As regards deposits other than those reportable via telecommunication, report the value *N*.

### 3.4 E-money account (field 7)

Payment accounts (field 4, code value A020) are broken down in field 7 based on whether they are e-money accounts (*Y*) or not (*N*). Report the value *Y* in the field, if the account is an e-money account. E-money account refers to an account in which e-money is stored and in which the balance can be used by the account holder to make payments and to transfer funds between accounts. Electronic money accounts do not include cards on which electronic money can be stored directly. In case of non-e-money payment accounts, report the value *N* in the field.



Financial Statistics and Statistics Department

Financial Statistics Office

28.5.2021

Public

Definition of electronic money as per Directive 2009/110/EC, Article 2(2):

*Electronically, including magnetically, stored monetary value as represented by a claim on the issuer which is issued on receipt of funds for the purpose of making payment transactions as defined in Article 4(5) of Directive (EU) 2015/2366, and which is accepted by a natural or legal person other than the electronic money issuer.*

*Directive 2009/110/EC should not apply to monetary value stored on specific pre-paid instruments, designed to address precise needs that can be used only in a limited way, because they allow the electronic money holder to purchase goods or services only in the premises of the electronic money issuer or within a limited network of service providers under direct commercial agreement with a professional issuer, or because they can be used only to acquire a limited range of goods or services.*

*Instruments which can be used for purchases in stores of listed merchants should not be exempted from the scope of this Directive as such instruments are typically designed for a network of service providers which is continuously growing.*

*It is also appropriate that this Directive not apply to monetary value that is used to purchase digital goods or services, where, by virtue of the nature of the good or service, the operator adds intrinsic value to it, e.g. in the form of access, search or distribution facilities, provided that the good or service in question can be used only through a digital device, such as a mobile phone or a computer, and provided that the telecommunication, digital or information technology operator does not act only as an intermediary between the payment service user and the supplier of the goods and services. This is a situation where a mobile phone or other digital network subscriber pays the network operator directly and there is neither a direct payment relationship nor a direct debtor-creditor relationship between the network subscriber and any third-party supplier of goods or services delivered as part of the transaction.*



Financial Statistics and Statistics Department

Financial Statistics Office

28.5.2021

Public

### 3.5 Payment service user (field 8)

Deposits (field 4, code value A010) and payment accounts (field 4, code value A020) are broken down in field 8 based on the user of the payment service, i.e. customer type (code list 6: payment service user type). The reportable categories are as follows:

- Personal customer (P)
- Corporate customer (C)

The breakdown into personal and corporate customers is made based on business ID.

**Personal customer (P)** is a payment service user not operating under a business ID. This item also includes, for example, sole proprietors not operating under a business ID.

**Corporate customer (P)** is a payment service user operating under a business ID. This item also includes, for example, public corporations operating under a business ID.

### 3.6 Country (field 9)

Payment accounts accessed by AISPs (field 4, code value A021) and number of AISP's clients (field 4, code value A040) are reported by country, using the values in the code list *Country* (ISO 3666). In the case of payment accounts, country refers to the country of location of the AISP, and in the case of AISP's clients, it refers to the residency of the clients.



Financial Statistics and Statistics Department

Financial Statistics Office

28.5.2021

Public

#### 4 Number of cards (CARD record)

The CARD record is used to report cards issued by the PSP, broken down by function. The data are reported by both full and tail reporters. The data are reported by card issuers. The card issuer reports the data regardless of the cardholder's residency or the location of the account to which the card is linked. The cardholder's residency is reported in field 11 (*Country*) of the CARD record.

The data in the CARD record are reported using a half-yearly breakdown. The data reported in the CARD record are stock data referring to end-of-period, i.e. positions on the last banking day of the reference year-half.

The number of cards is reported based on card number, i.e. PAN number (primary account number), as opposed to the number of physical cards, i.e. "plastic cards". For example, combination cards including both a debit function and a credit function are counted as two separate cards. Cards in circulation are included irrespective of when they were issued or whether they were used. Expired or withdrawn cards are not included. The number of cards is reported regardless of when they have been issued or whether they have been used. Expired or withdrawn cards are excluded.

Only general-purpose cards are reported, meaning that cards with a restricted purpose of use are not reported. Cards issued by merchants, i.e. retailer cards, are not included, unless they have been issued in cooperation with a PSP, i.e. they are co-branded. Also, cards issued by card schemes, i.e. three-party or four-party schemes, are included.

The record corresponds to the requirements of Table 2 (*Card functions*).

##### 4.1 Card type (field 4)

Cards are reported based on card type (code list 7: card type). The reportable card type categories are as follows:

- Debit card
  - Online debit card (C111)
  - Offline debit card (C112)
- Delayed debit card (C120)



Financial Statistics and Statistics Department

Financial Statistics Office

28.5.2021

Public

- Credit card (C130)
- E-money card (C200)
- Card other than a payment card (C900)

**Debit card** is a card enabling cardholders to have their purchases directly and immediately charged to their bank accounts. A card with a debit function may be linked to an account offering overdraft facilities as an additional feature. The number of cards with a debit function refers to the total number of cards (PAN numbers) in circulation and not to the number of accounts to which the cards are linked. The distinguishing feature of a card with a debit function, in contrast to a card with a credit function or a delayed debit function, is the contractual agreement to charge purchases directly to the bank account linked to the card. The total number of cards with a debit function is not reported, since debit cards are broken down into online debit and offline debit cards.

**Online debit card (C111)** is a card requiring electronic preauthorisation of funds on the payment account. The payment is immediately deducted from the available account balance.

**Offline debit card (C112)** is a card on which funds are not always preauthorised when a purchase takes place.

**Delayed debit card (C120)** is a card enabling the cardholder to have purchases (incl. cash withdrawals) charged to an account with the card issuer, up to an authorised limit. The balance in this account is then settled in full at the end of a pre-defined period. The distinguishing feature of a card with a delayed debit function, in contrast to a card with a credit function or a debit function, is the contractual agreement granting a credit line but with an obligation to settle the debt incurred at the end of a pre-defined period. If the card has a credit function, it is not reported here but in category C130, credit card.

**Credit card (C130)** is a card enabling the cardholder to make purchases, and in some cases also to withdraw cash, up to a pre-arranged ceiling. The credit granted may be settled in full by the end of a specified period or may be settled in part, with the balance taken as extended credit on which interest is usually charged. The distinguishing feature of a card with a credit function, in contrast to a card with a debit function or a delayed debit function, is the contractual agreement granting the cardholder a credit line allowing for extended credit.



Financial Statistics and Statistics Department

Financial Statistics Office

28.5.2021

Public

**E-money card (C200)** is a card enabling e-money payment transactions. This includes cards on which e-money can be stored directly and/or cards which give access to e-money stored on e-money accounts. Electronic money (e-money) means ‘electronic money’ as defined in Article 2(2) of Directive 2009/110/EC (see definition in section 3.4).

(Gift) vouchers accepted by a limited number of merchants are not included in e-money cards on which electronic money can be deposited directly. Monetary value stored on specific prepaid instruments does not represent electronic money if the instruments can be used only in a limited range of products or services. Such instruments may include store cards, petrol cards, membership cards, public transport cards, meal vouchers or vouchers for services. These cards and transactions with these cards are not included in the reporting of payments statistics.

**Card other than a payment card (C900)** is a card that does not belong to the other categories. It may be, for example, a cash card enabling the holder to withdraw cash from an ATM and/or to deposit cash to an ATM.

#### 4.2 E-money card type (field 5)

The type of e-money card is only reported for e-money cards (C200). E-money cards are reported based on the type of e-money card (code list 8: e-money type). The reportable categories are as follows:

- Cards on which e-money can be stored directly
  - Cards on which e-money can be stored directly (activated) (E11)
  - Cards on which e-money can be stored directly (not activated) (E12)
- Cards linked to an e-money account (E21)

**Card on which e-money can be stored directly** is an e-money card which is not linked to an e-money account, but electronic money is only directly stored on the card. The total number of cards is not reported, but activated and not activated cards are reported separately.

**Card on which e-money can be stored directly (activated) (E11)** is a card not linked to an e-money account, on which e-money has been loaded at least once. Loading may be interpreted as indicative of the intention to



Financial Statistics and Statistics Department

Financial Statistics Office

28.5.2021

Public

use the e-money function. The time of loading is irrelevant, i.e. it may have occurred outside the reporting period. Only cards valid at the end of the reporting period are included.

**Card on which e-money can be stored directly (not activated) (E12)** is a card not linked to an e-money account, on which e-money has never been loaded.

**Card linked to an e-money account (E21)**, is an e-money card enabling the use of electronic money (see the definition of electronic money in [section 3.4](#)). This does not include cards on which electronic money can be deposited directly.

#### 4.3 Scheme (field 6)

Cards are reported according to the payment scheme (code list 9: scheme). The reportable categories are as follows:

- Visa (VISA)
- MasterCard (MCRD)
- American Express (AMEX)
- Other (OTH)

**Visa (VISA)** comprises cards that belong in terms of technical and commercial arrangements to the VISA product family (e.g. VISA Credit, Visa Electron, VPAY).

**Mastercard (MCRD)** comprises cards that belong in terms of technical and commercial arrangements to the Mastercard product family (e.g. Mastercard, Maestro).

**American Express (AMEX)** comprises cards that belong in terms of technical and commercial arrangements to the American Express product family.

**Other (OTH)** comprises cards functioning with other arrangements.



Financial Statistics and Statistics Department

Financial Statistics Office

28.5.2021

Public

#### 4.4 Cash function (field 7)

The field is reported as *Y* for cards enabling the holder to withdraw cash from an ATM and/or to deposit cash to an ATM. In addition to the cash function, the card may also have other functions. If the card does not have a cash function, report *N*.

#### 4.5 Combination card (field 8)

Cards are broken down based on whether they are combination cards or not (code list 10: combination card). The reportable categories are as follows:

- Non-combination card (NC)
- Combination card (CC)
- Combination card with an e-money function (EC)

**Non-combination card (NC)** includes cards that only have a cash payment, delayed debit and/or credit or e-money function, but not a combination of these.

**Combination card (CC)** includes cards that offer a debit function combined either with a delayed debit or a credit function. The category contains typical combination cards used in Finland.

**E-money combination card (EC)** comprises cards with a combined cash, debit and e-money function, number.

#### 4.6 Card technology (field 9)

Cards are reported according to the card technology (code list 11: card technology). The reportable categories are as follows:

- Chip card with an NFC (Near Field Communication) function (C1)
- Chip card without an NFC function (C2)
- Magnetic stripe card (M)



Financial Statistics and Statistics Department

Financial Statistics Office

28.5.2021

Public

- Virtual card (V)

**Chip card with an NFC function (C1)** is a chip card that allows a card payment transaction to be initiated with a particular type of contactless technology and where both the payer and the payee of the payment transaction (and/or their equipment) are in the same physical location.

**Chip card without an NFC function (C2)** comprises chip cards that do not have an NFC function.

**Magnetic stripe card (M)** covers cards that only have a magnetic stripe.

**Virtual card (V)** is a card that only exists in a virtual form (no physical plastic card). E-money cards that only exist in a virtual form are also included. Cards with both a physical and digital form are excluded from this category, as they are included in some of the other categories in this field depending on the features of the physical card.

#### 4.7 Payment service user (field 10)

Cards are reported based on their user (code list 6: type of payment service user). The reportable categories are as follows:

- Personal customer (P)
- Corporate customer (C)

**Personal customer (P)** is a payment service user not operating under a business ID. This item also includes, for example, sole proprietors not operating under a business ID.

**Corporate customer (P)** is a payment service user operating under a business ID. This item also includes, for example, public corporations, operating under a business ID.



Financial Statistics and Statistics Department

Financial Statistics Office

28.5.2021

Public

#### 4.8 Country (field 11)

The country code reported in the CARD record refers to the cardholder's residency. The country is reported using the code values in code list *Country (ISO 3666)*.



Financial Statistics and Statistics Department

Financial Statistics Office

28.5.2021

Public

## 5 Number of terminals (TERM record)

The TERM record is used to report the number of terminals by function. The data in the record are reported by credit institutions, payment institutions and payment service providers without authorisation. In other words, both full and tail reporters are obliged to report the data in the TERM record. The data in the record are reported on a half-yearly basis. The data reported in the TERM record are stock data referring to end-of-period, i.e. positions on the last banking day of the reference year-half.

The number of terminals is reported by the acquirers. Acquirer is the operator that has a direct contractual relationship with the customer (merchant) for crediting payment transactions, as described in section 2.1.

The reporters should report all physical devices and terminals at which transactions are acquired by them, also including terminals located outside of the reporting country. Every terminal is counted individually even if several terminals of the same type exist at one merchant location.

The record corresponds to the requirements of Table 3 (*Card accepting devices*).

### 5.1 Terminal type (field 4)

Terminals are reported based on their type (code list 12: type of terminal). The reportable categories are as follows:

- Physical POS (TO11)
- Credit transfer ATM (TO22)

**Physical POS (TO11)** is a point-of-sale device allowing the use of payment cards at a physical (not virtual) point of sale. The payment information is captured either manually on paper vouchers or by electronic means, i.e. EFTPOS. This also includes terminals allowing the transfer of electronic value from an issuer of electronic money to a card with an e-money function and vice versa or from the balance on the card to the balance of a beneficiary. In addition, the category includes terminals with a dual functionality, i.e. which function both as EFTPOS and e-money terminals, as well as terminals with an e-money function only.



Financial Statistics and Statistics Department

Financial Statistics Office

28.5.2021

Public

**Credit transfer ATM (TO22)** is an ATM allowing authorised users to make credit transfers using a payment card.

#### 5.2 EFTPOS (field 5)

Report *Y* in the field if the terminal concerned is an EFTPOS. EFTPOS terminals are terminals of an electronic direct-debit system which receive payment data electronically. The terminals have been designed, in some cases, to transmit such information either online, with a real-time request for authorisation, or offline. This also includes unattended terminals. If the terminal is not an EFTPOS, report *N*.

#### 5.3 Contactless payment (field 6)

Report *Y* in the field, if the payment terminal concerned supports contactless communication payments. Otherwise, report *N*.

#### 5.4 Terminal accepting e-money (field 7)

Report *Y* in the field in case of terminals allowing holders of e-money on a card with an e-money function to transfer e-money value from their balance to the balance of a merchant or other beneficiary. If the terminal is not an e-money accepting terminal, report *N*.

#### 5.5 E-money loading/unloading (field 8)

Report *Y* in the field in case of terminals allowing the transfer of electronic value from an issuer of electronic money to the holder of a card with an e-money function and vice versa, i.e. loading and unloading. If the terminal is not suitable for loading or unloading electronic money, report *N*.

#### 5.6 Country (field 9)

The country reported in the field refers to the country of location of the terminal. The country is reported using the code values in code list *Country (ISO 3666)*.



Financial Statistics and Statistics Department

Financial Statistics Office

28.5.2021

Public

## 6 Half-yearly reporting of payment transactions and fraudulent payment transactions (HPAY record)

In the HPAY record, full reporters report half-yearly data on payment transactions, fraudulent payment transactions and losses due to fraud.

General instructions on the reporting of payment transactions and the roles of the reporters are available in section 2 of these instructions.

### 6.1 Reporter's role (field 4)

For payment transactions, the role of the payment service provider (PSP) is reported (code list 15: payment service provider's role). The reportable roles are as follows:

- Payer's PSP (ER)
- Payee's PSP (EE)
- PISP (PI)
- Payment intermediary (IM)
- Payment processor (PO)

The payment service provider's role refers to the capacity in which the PSP is involved in the payment transaction: the payer's PSP, the payee's PSP, the payment service provider, payment intermediary or payment processor.

**Payer's PSP (ER)**, or the payer's payment service provider, means the sender of the funds.

**Payee's PSP (EE)**, or the payee's payment service provider, means the recipient of the funds.

**Payment Initiation Service Provider (PI, PISP)** refers to a service provider as defined in Article 4(18) of the Payment Services Directive. If the reporting PSP provides payment initiation services, said provider must report, in the role of PISP, any payments initiated by it on behalf of customers (its own and others' customers), i.e. credit transfers and other payments initiated by the PISP itself. Credit transfers and other payments reported as PISP do



Financial Statistics and Statistics Department

Financial Statistics Office

28.5.2021

Public

not contribute to the total number, or total value of credit transfers reported as payer's PSP. If a reporter has a double role, for example as payers' PSP and PISP, it must report payments made in each of the roles separately.

**Payment intermediary (IM)** (usually a payment institution) refers to payment service providers that

- operate as e-commerce merchant/PSPs i.e. providing merchants with a service to receive different payment transactions in e-commerce or within a mobile application and/or
- operate as mobile payment service providers, which provide a mobile payment service for the transfer of funds. These services include various digital wallets and other mobile payment solutions enabling person-to-person (P2P) or consumer-to-business (C2B) payments.

**Payment processor (PO)** is the role used to report card payments where the PSP operates as a processor of card payments (responsible for routing to card schemes and card issuers) but where the PSP does not have a direct agreement with the payee for accepting and processing card-based payment transactions.

A description of the link between various payment services and roles is available on the INFO sheet of the record structure.

If the reporter operates in more than one reportable roles in a payment transaction, the payment transaction must be reported separately for each role.

## 6.2 Information type (field 5)

Different types of information are reported on payment transactions (code list 13: information type). The reportable types are as follows:

- Payment transaction (PT)
- Fraudulent payment transaction (FT)
- Losses due to fraud (LF)



Financial Statistics and Statistics Department

Financial Statistics Office

28.5.2021

Public

**Payment transaction (PT)** is an operation where funds are used, transferred, deposited or withdrawn. In reportable payment transactions, at least one of the parties involved is a non-MFI. Also includes fraudulent payment transactions.

**Fraudulent payment transaction (FT)** includes unauthorised payment transactions. These include for example transactions resulting from the loss, theft or misappropriation of sensitive payment data or a payment instrument, whether detectable or not to the payer prior to a payment and whether or not caused by gross negligence of the payer or executed in the absence of consent by the payer. In addition, the category includes payment transactions where the fraudster has manipulated the payer to initiate the payment transaction.

**Losses due to fraud (LF)** refers to the losses by the reporting payment service provider, its payment service user or others, reflecting the actual impact of fraud on a cash flow basis. Since the registering of financial losses borne may be disassociated time-wise from the actual fraudulent transactions and in order to avoid revisions of reported data purely due to this immanent time lag, the final fraud losses should be reported in the period when they are recorded in the payment service provider's books. The final fraud loss figures should not take into account refunds by insurance agencies because they are not related to fraud prevention for the purposes of PSD2.

### 6.3 Payment service (field 6)

Transactions are reported based on their type (code list 14: payment transaction type). The reportable types are as follows:

- Credit transfer (CT)
- Direct debit (DD)
- Card payment (CP)
- Cash withdrawal (CW)
- Cash deposit (CD)
- Electronic money payment (EMP)
- E-money card-loading or unloading (EML)



Financial Statistics and Statistics Department

Financial Statistics Office

28.5.2021

Public

- Cheque (CHQ)
- Money remittance (MR)
- Other payment service included the scope of the Payment Services Directive (OTD)
- Credits to the account by simple book entry (CBE)
- Debits from the account by simple book entry (DBE)
- Other payment service, not included in the Payment Services Directive (OTN)

**Credit transfer (CT)** is a payment service that allows the payer to instruct the institution holding its account to transfer funds to the beneficiary. It is a payment order or a sequence of payment orders made for the purpose of placing funds at the disposal of the beneficiary. Both the payment order and the funds described therein move from the PSP of the payer to the PSP of the payee, i.e. the beneficiary, possible via several other credit institutions as intermediaries and/or one or more payment and settlement systems.

Transactions involving cash at one or both ends of the payment transaction, and utilizing a credit transfer payment service, are included as credit transfers. Credit transfers initiated at an ATM with a credit transfer function are also included. Credit transfers also comprise transfer of funds from the credit card to the account and transfer of other revolving credits to the account.

Fund transfers between accounts in the same name, and also between different types of accounts, are included according to the payment instrument used. Transfers between the same owner's accounts are reported by payment instrument regardless of the type of account. These include, for example, transfers between current accounts and savings accounts.



Financial Statistics and Statistics Department

Financial Statistics Office

28.5.2021

Public

Credit transfers	
Role	More detailed description of reportable data
<b>Payer's PSP</b>	Payer's PSP reports payments initiated by its customers and the PSP itself.
<b>Payee's PSP</b>	Payee's PSP reports payments received by its customers and the PSP itself.
<b>Payment intermediary</b>	Payments initiated by the payer in e-commerce as credit transfers and using a mobile payment solution as credit transfers. Purchases made by the payer in e-commerce using an invoice, credit or instalment solution are also reported under credit transfers.
<b>Payment initiation service provider (PISP)</b>	Credit transfers initiated by a PISP on behalf of its customer in the role of a PISP. Note. The PSP servicing the account where the payment is initiated using a payment initiation service reports the payments as payer's PSP - not as PISP.

**Direct debit (DD)** is a payment service for debiting a payer's payment account, potentially on a recurrent basis, where a payment transaction is initiated by the payee on the basis of the payer's consent given to the payee, to the payee's PSP or to the payer's own PSP.

Data is reported by the Payee's PSP. Both one-off and recurrent direct debits are counted. Each debit under recurrent direct debits is counted as a single transaction. Rejected direct debit requests are included in reportable direct debit. However, cancelled direct debit requests are not included.

Direct debits used to settle outstanding credit balances resulting from card payments are included as direct debits. These are separate payments from the cardholder to the card issuer.



Financial Statistics and Statistics Department

Financial Statistics Office

28.5.2021

Public

Direct debits	
Role	More detailed description of reportable data
<b>Payer's PSP</b>	Payer's PSP reports direct debit requests received <ul style="list-style-type: none"> <li>• However, to avoid double reporting, credit institutions do not report direct debit requests received, where the recipient is a payment institution (or another credit institution) whose account is held by the credit institution.</li> </ul>
<b>Payee's PSP</b>	Payee's (creditor) PSP reports direct debit requests sent <ul style="list-style-type: none"> <li>• However, to avoid double reporting, credit institutions do not report direct debit requests sent, where the sender is a payment institution (or another credit institution) whose account is held by the credit institution.</li> </ul>

**Card payment (CP)** refers to a payment transaction made with a card issued by a resident PSP (excluding cards with an e-money function only). The issuer of the cards reports card payments made both in the home country and abroad. Payment transactions made in e-money are not included.

Payment transactions performed using cards with a debit, credit or delayed debit function at a terminal (physical or virtual) or via other channels. Payments initiated both with a physical card and a mobile solution are reported. All payment transactions initiated with a card are included, i.e.:

- (a) (all transactions in which the acquirer and the issuer of the card are different entities; and
- (b) all transactions in which the acquirer and the issuer of the card are the same entity.

Deductions from the PSP's account resulting from the settlement of a card transaction in which the acquirer and the issuer of the card are the same entity are included.

Card payments do not include cash withdrawals and deposits at ATMs. Credit transfers at ATMs are not included in card payments. Neither do card payments include cash advances and deposits at POS terminals.



Financial Statistics and Statistics Department

Financial Statistics Office

28.5.2021

Public

Card payments	
Role	More detailed description of reportable data
<b>Payer's PSP</b>	The payer's PSP reports payments made with cards issued by it.
<b>Payee's PSP</b>	The payee's PSP, i.e. the acquirer of card payments reports card payments received.
<b>Payment intermediary</b>	Payments initiated by the payer in e-commerce as card payments and using a mobile payment solution as card payments.
<b>Payment processor (PO)</b>	Payment processor reports card payments for which it operates as processor but not as acquirer (recipient). (See the definition of <i>acquirer</i> under payee's PSP.)

**Cash withdrawals (CW)** and **cash deposits (CD)** include cash transactions broken down by the manner of withdrawals and deposits into ATM cash withdrawals and deposits, cash advances and deposits at a POS terminals, OTC cash withdrawals and deposits and cash ordered by post.



Cash withdrawals and deposits	
Cash withdrawals and deposits at ATM	
Role	More detailed description of reportable data
<b>Payer's PSP</b>	The payer's PSP reports cash withdrawals and deposits made at an ATM with cards issued by it.
<b>Payee's PSP</b>	The payee's PSP, i.e. the acquirer of card payments reports cash withdrawals and deposits made at an ATM received by it.
Cash withdrawals and deposits at POS terminals	
Role	More detailed description of reportable data
<b>Payer's PSP</b>	The payer's PSP reports cash withdrawals and deposits made at retail merchants with cards issued by it.
<b>Payee's PSP</b>	The payee's PSP, i.e. the acquirer of card payments reports cash withdrawals and deposits made at retail merchants received by it.
Non-card cash withdrawals	
Role	More detailed description of reportable data
<b>Payer's PSP</b>	Payer's PSP reports such cash withdrawals and deposits made from and to accounts held by it that are made by other means than cards. These include OTC cash withdrawals and deposits, cash orders via post and for example corporate customers' change cash withdrawals and deposits via night deposit boxes and cash-in-transit services.

**E-money payment (EMP)** is a transaction whereby a holder of e-money transfers e-money value from its own balance to the balance of the beneficiary, either with a card on which e-money can be stored directly or with other e-money accounts. See also the definition of electronic money and e-money account in section 3.4.

**E-money card-loading or unloading (EML)** includes transactions where electronic money value is transferred from the issuer of electronic money onto a card equipped with an e-money function or vice versa. This includes both the loading and unloading of an e-money card. See also the definition of electronic money in section 3.4.



Financial Statistics and Statistics Department

Financial Statistics Office

28.5.2021

Public

Electronic money payment	
Payments with e-money cards and e-money card loading or unloading	
Role	More detailed description of reportable data
<b>Payer's PSP</b>	Payer's PSP reports payments made with e-money cards issued by it as well as e-money card loading and unloading.
<b>Payee's PSP</b>	Payee's PSP, i.e. the recipient of e-money card transactions, reports received payments made with e-money cards.
<b>Payment intermediary</b>	Payments initiated by the payer in e-commerce as e-money card payments and using a mobile payment solution as card payments.
Other electronic money payments	
Role	More detailed description of reportable data
<b>Payer's PSP</b>	The payer's PSP reports payments made from e-money accounts held by it.
<b>Payee's PSP</b>	The payer's PSP reports payments received on e-money accounts held by it.
<b>Payment intermediary</b>	Payments initiated by the payer in e-commerce as other e-money payments and payments initiated by the payer in a mobile solution as other e-money payment.

**Cheque (CHQ)** is a written order from one party, i.e. the drawer, to another, i.e. the drawee, normally a credit institution, requiring the drawee to pay a specified sum on demand to the drawer or to a third party specified by the drawer.

Cash withdrawals with cheques are included. Cash withdrawals using bank forms are not included. Cheques issued but not submitted for clearing are not included.



Financial Statistics and Statistics Department

Financial Statistics Office

28.5.2021

Public

Cheque	
Role	More detailed description of reportable data
Payer's PSP	Payer's PSP reports payment instructions/cheques received
Payee's PSP	Payee's PSP reports payment instructions/cheques sent

**Money remittance (MR)**, as defined in Article 4(22) of the Payment Services Directive, means a payment service where funds are received from a payer, without any payment accounts being created in the name of the payer or the payee, for the sole purpose of transferring a corresponding amount to a payee or to another payment service provider acting on behalf of the payee, and/or where such funds are received on behalf of and made available to the payee. Also includes payment orders.

Money remittances	
Role	More detailed description of reportable data
Payer's PSP	Payer's PSP reports money remittances sent.
Payee's PSP	Payee's PSP reports money remittances received.

**Other payment service included the scope of the Payment Services Directive (OTD)** comprises other payment services falling within the scope of the Payment Services Directive (PSD2) but which cannot be reported in any other category.



28.5.2021

Public

Other payment service included in the Payment Services Directive	
Role	More detailed description of reportable data
Payer's PSP	Depends on the payment service
Payee's PSP	Depends on the payment service
Payment initiation service provider	Other payment services included in the Payment Services Directive initiated by a PISP on behalf of its customers in the role of a PISP.

**Credit to the account by simple book entry (CBE)** includes all of the following credits made by a PSP to its customers' accounts: (i) interest payments; (ii) dividend payments; (iii) disbursement of the amount of a loan to the current account of the customer; (iv) other credits to the account by simple book entry. This data is excluded from credit transfers. Transfer of a card credit or revolving credit to the account is not a simple book entry.

Credit to the account by simple book entry	
Role	More detailed description of reportable data
Payer's PSP	The payment service provider reports credits to accounts using a simple account entry

**Debit from the account by simple book entry (DBE)** includes the PSP's own debits, for example debiting of loan interest: The following transactions are reported for this category: (i) charge of interest by the bank; (ii) deduction of banking fees; (iii) payment of taxes linked to financial assets, if they are a separate transaction but not separately authorised by the customer; (iv) repayments of capital on a loan; (v) other debits to the account by simple book entry. These data are excluded from direct debits. Card related annual fees and service fees belong to this category.



28.5.2021

Public

Debit from the account by simple book entry	
Role	More detailed description of reportable data
Payee's PSP	The payment service provider reports debits from accounts using a simple account entry

**Other payment service not included in the Payment Services Directive (OTN)** comprises other payment services falling outside the scope of the Payment Services Directive (PSD2) and which cannot be reported in any other category.

Other payment service, not included in the Payment Services Directive	
Role	More detailed description of reportable data
Payer's PSP	Depends on the payment service
Payee's PSP	Depends on the payment service

#### 6.4 Payment service user (field 7)

Payment service users are reported based on their type (code list 6: type of payment service user). The reportable categories are as follows:

- Personal customer (P)
- Corporate customer (C)
- Payment service provider (F)

**Personal customer (P)** is a payment service user not operating under a business ID. This item also includes, for example, sole proprietors not operating under a business ID.



Financial Statistics and Statistics Department

Financial Statistics Office

28.5.2021

Public

**Corporate customer (P)** is a payment service user operating under a business ID. This item also includes, for example, public corporations operating under a business ID.

**Payment service provider (F)** is used for credit transfers in cases where the reporter is the payment sender and a non-MFI is the payment recipient.

#### 6.5 Electronic (field 8)

If the payment transaction is submitted electronically, report *Y* in the field. Otherwise, report *N*.

#### 6.6 Payment order (field 9)

Payment transactions are reported based on the type of payment order (code list 16: type of payment order). The reportable types are as follows:

- Batch/file (EB)
- Single electronic (ES)
- Paper-based (NEP)
- Other non-electronic (NEO)

**Batch/file (EB)** includes electronically initiated credit transferred to the bank as a single batch. Each credit transfer contained in a batch is counted as a separate credit transfer when reporting the number of transactions. This category also includes instant credit transfers initiated in a file/batch.

**Single electronic (ES)** includes electronically initiated credit transfers initiated independently, i.e. not as part of a group of credit transfers jointly initiated. Typically credit transfers that are initiated through online or mobile services. In addition, instant transfers initiated on a single payment basis are included.



Financial Statistics and Statistics Department

Financial Statistics Office

28.5.2021

Public

**Paper-based (NEP)** includes credit transfers submitted by the payer to the PSP in a paper-based form. A credit transfer is also considered to have been initiated in a paper-based form in case its execution has required manual intervention.

**Other non-electronic (NEO)** includes non-paper-based non-electronic transactions. For example, payments initiated via mail order or telephone order (MOTO).

#### 6.7 Channel for giving consent (field 10)

Direct debits are reported based on the channel used for giving consent (code list 17: channel for giving consent). The reportable categories are as follows:

- Electronic mandate (E)
- Other than electronic mandate (O)

Consent refers to a consent given by the payer via a mandate as defined in Article 2(21) of Regulation (EU) No 260/2012 to the payee to start charging an agreed payment from a payment account indicated by the payer.

**Electronic mandate (E)** is a consent given in electronic form.

**Other than electronic mandate (E)** is a consent given in other than electronic form.

#### 6.8 Payment scheme (field 11)

Payment scheme is an arrangement reported for credit transfers, direct debits and card payments.

Schemes reported for credit transfers are:

- SEPA CT (SCT)
- SEPA CT inst (SCTI)
- Internal (ONUS)



Financial Statistics and Statistics Department

Financial Statistics Office

28.5.2021

Public

- POPS (POPS)
- Siirto (SRT)
- NPC CT (NPC)
- NPC CT Inst (NPCI)
- Correspondent banking payment (CRBP)
- Other (OTH)

Schemes reported for direct debits are:

- SEPA SDD Core (SDDC)
- SEPA SDD B2B (SDDB)

Schemes reported for card payments are:

- Visa (VISA)
- MasterCard (MCRD)
- American Express (AMEX)
- Diners (DINE)
- China Union Pay (CUP)
- JCB (JCB)
- Discover (DISC)
- Other (OTH)

Credit transfers schemes

**SEPA CT (SCT)** comprises credit transfers made using the SEPA Credit Transfer scheme.

**SEPA CT inst (SCTI)** comprises credit transfers made using the SEPA Instant Credit Transfer scheme.



Financial Statistics and Statistics Department

Financial Statistics Office

28.5.2021

Public

**Internal (ONUS)** comprises credit transfers made within the group where the credit transfer is not transmitted via any of the other payment schemes specified in this field.

**POPS (POPS)** comprises credit transfers made using the POPS scheme (Pankkien väliset online-pikasiirrot ja sekrit, *interbank online instant transfers and cheques*)

**Siirto (SRT)** comprises credit transfers made using the Siirto system.

**NPC CT (NPC)** comprises credit transfers made using Nordic Payment Council's Credit Transfer payment scheme.

**NPC CT Inst (NPCI)** comprises credit transfers made using Nordic Payment Council's Instant Credit Transfer scheme.

**Correspondent banking payment (CRBP)** refers to customer credit transfers that are delivered by banks through a traditional correspondent banking network<sup>2</sup>. Payments in which the end receiver is an MFI or a payment institution are not included in the statistics.

The transmission of payments is based on so-called SWIFT keys in sending payment and/or balance messages, and settlement is based on banks' nostro/loro accounts. Hence, customer-driven payment instructions are the most significant source of the data collected. A balance message potentially related to the same payment is not reported separately.

In principle, mere balance messages should be intended only for interbank transactions. However, if they do include customer payments on which no actual payment message has been sent, these should be included in correspondent banking payments as customer payments.

---

<sup>2</sup> Description of correspondent banking <https://www.bis.org/cpmi/publ/d147.pdf>



Financial Statistics and Statistics Department

Financial Statistics Office

28.5.2021

Public

Another exception in addition to mere balance messages is so-called hybrid messages, where settlement is made through the payment system although the payment message containing the details of the payment is transmitted using SWIFT keys. In this context, it is important that the payment message has been sent through the correspondent banking network. Hence, for example a correspondent banking payment settled through EURO1 is included. Payments related to custody business which are settled via a correspondent banking network are included in the reporting.

**Other (OTH)** comprises credit transfers made using any other payment scheme than those specified in this field.

#### Direct debit schemes

**SEPA SDD Core (SDDC)** comprises direct debits made using the SEPA Core Direct Debit scheme.

**SEPA SDD B2B (Sddb)** comprises direct debits made using the SEPA Direct Debit Business-to-Business scheme.

#### Card payment schemes

**Visa (VISA)** comprises cards that belong in terms of technical and commercial arrangements to the VISA product family (e.g. VISA Credit, Visa Electron, VPAY).

**Mastercard (MCRD)** comprises cards that belong in terms of technical and commercial arrangements to the Mastercard product family (e.g. Mastercard, Maestro).

**American Express (AMEX)** comprises cards that belong in terms of technical and commercial arrangements to the American Express product family.

**Diners Club (DINE) (DINE)** comprises cards that belong in terms of technical and commercial arrangements to the Diners Club product family.



Financial Statistics and Statistics Department

Financial Statistics Office

28.5.2021

Public

**China UnionPay (CUP)** comprises cards that belong in terms of technical and commercial arrangements to the China UnionPay product family.

**JCB (JCB)** comprises cards that belong in terms of technical and commercial arrangements to the JCB product family.

**Discover (DISC)** comprises cards that belong in terms of technical and commercial arrangements to the Discover product family.

**Other (OTH)** comprises cards functioning with other arrangements.

#### 6.9 Instant payment (field 12)

In the case of an instant payment, i.e. credit transfer delivered faster than a normal credit transfer, report *Y* in the field. In an instant credit transfer, the transmission of the message and funds takes place in real time or almost in real time.

#### 6.10 Card type (field 13)

Card payments are reported based on card type (code list 7: card type). The reportable types are as follows:

- Debit card (C110)
- Delayed debit card (C120)
- Credit card (C130)
- Card other than a payment card (C900)

**Debit card (C110)** is a card enabling cardholders to have their purchases directly and immediately charged to their accounts, whether held with the card issuer or not. A card with a debit function may be linked to an account offering overdraft facilities as an additional feature. The number of cards with a debit function refers to the total number of cards in circulation and not to the number of accounts to which the cards are linked. The distinguishing



Financial Statistics and Statistics Department

Financial Statistics Office

28.5.2021

Public

feature of a card with a debit function, in contrast to a card with a credit function or a delayed debit function, is the contractual agreement to charge purchases directly to funds on the cardholder's current account.

**Delayed debit card (C120)** is a card enabling the cardholder to have purchases (incl. cash withdrawals) charged to an account with the card issuer, up to an authorised limit. The balance in this account is then settled in full at the end of a pre-defined period. The distinguishing feature of a card with a delayed debit function, in contrast to a card with a credit function or a debit function, is the contractual agreement granting a credit line but with an obligation to settle the debt incurred at the end of a pre-defined period. If the card has a credit function, it is not reported here but in category C130, credit card.

**Credit card (C130)** is a card enabling the cardholder to make purchases, and in some cases also to withdraw cash, up to a pre-arranged ceiling. The credit granted may be settled in full by the end of a specified period or may be settled in part, with the balance taken as extended credit on which interest is usually charged. The distinguishing feature of a card with a credit function, in contrast to a card with a debit function or a delayed debit function, is the contractual agreement granting the cardholder a credit line allowing for extended credit.

**Card other than a payment card (C900)** is a card that does not belong to the other categories. It may be, for example, a cash card enabling the holder to withdraw cash from an ATM and/or to deposit cash to an ATM.

#### 6.11 E-money type (field 14)

Electronic money transactions are reported according to the type of electronic money (code list 8: e-money type). The reportable types are as follows:

- Cards on which e-money can be stored directly (activated) (E11)
- Cards linked to an e-money account (E21)
- Other e-money account payment (E22)



28.5.2021

Public

**Cards on which e-money can be stored directly (activated) (E11)** is used for transactions whereby the holder of a card with an e-money function transfers e-money value from its balance stored on the card to the balance of the payee.

**Cards linked to an e-money account (E21)** is the category used for transactions where the connection to an e-money account is established with a card, and the funds are then credited from the payer's e-money account to the payee's account.

**Other e-money account payment (E22)** comprises payments from an e-money account made using other means of payment than cards. These include, for example, payments with a mobile solution not linked to an e-money card.

#### 6.12 Remote/non-remote (field 15)

Card payments are reported based on the type of card usage (code list 18: remote/non-remote payment). The reportable categories are as follows:

- Remote payment (R)
- Non-remote payment (NR)
- Chip or magnetic stripe (NRP)
- Contactless payment (NRC)

**Remote payment (R)** includes payment transactions initiated through the internet or other remote communications device without the payer and payee having to be physically present at the same time (card not present, CNP). Remote payments can be made using a card or a mobile payment solution on which card data has been stored. Remote payments include the following card-based payments: e-commerce related payments made on the web (using a card or a mobile payment solution), payments made within mobile solutions (in-app) and P2P (person-to-person) payments. When reporting card payments initiated via mobile payment solutions the following card payments are categorized as remote payments: e-commerce related payments made using a mobile payment solution, payments made within mobile solutions (in-app) and P2P (person-to-person) payments. Hence, when reporting card



Financial Statistics and Statistics Department

Financial Statistics Office

28.5.2021

Public

payments initiated via mobile payment solutions, other mobile payments than those made at merchant premises are remote payments.

**Non-remote payment (NR)** comprises payments where the payer and payee are physically present at the same time. Also includes payments with a chip or magnetic stripe as well as contactless payments.

**Chip or magnetic stripe (NRP)** includes contact card payments made by reading the chip or magnetic stripe on a card.

**Contactless payment (NRC)** includes card payments where the payer and payee (and/or their devices) are physically in the same location and communication with a payment instrument and terminal takes place using a contactless payment technology (e.g. NFC, BLE, QR). Contactless payments can be made using a card or a mobile payment solution on which card data has been stored. Hence, contactless payments include, in addition to contactless payments with physical cards, card-based payments at a physical POS (at merchant premises) using a mobile payment solution based on abovementioned contactless payment technologies.

### 6.13 Contactless technology (field 16)

Contactless payments are reported according to the contactless technology (code list 19: contactless technology). The reportable categories are as follows:

- NFC (NFC)
- Non-NFC (OTH)

**NFC (NFC)** comprises contactless payments made using NFC technology (Near Field Communication).

**Non-NFC (OTH)** comprises contactless payments whose contactless technology is something else than NFC.



Financial Statistics and Statistics Department

Financial Statistics Office

28.5.2021

Public

#### 6.14 Terminal (field 17)

Card transactions are reported based on the type of terminal (code list 12: type of terminal). The reportable categories are as follows:

- Physical POS (T011)
- Virtual POS (T012)
- ATM (T020)
- Over-the-counter (OTC) (T030)
- Other (T900)

**Physical POS (T011)** includes payment transactions made using the chip, magnetic stripe or contactless payment feature of the card. In addition, it includes card payments initiated using a mobile solution at a physical POS, where communication between the mobile device and payment terminal takes place through a contactless payment technology (e.g. NFC, BLE, QR).

**Virtual POS (T012)** includes e-commerce-related payment transactions made on the internet (using a physical card or mobile solution) or within a mobile application (in-app). This category does not include P2P (person-to-person) card payments initiated via a mobile payment solution.

**ATM (T020)** comprises transactions made at automated teller machines.

**Over-the-counter (OTC) (T030)** comprises transactions made in domestic banks' offices. (OTC = Over-The-Counter)

**Other (T900)** comprises all other terminals than the abovementioned, and transactions involving no terminal at all. These may include for example, as regards credit transfers, transactions not made in e-commerce or a physical POS, such as credit transfers initiated via online bank and P2P payments initiated with a mobile solution (regardless of whether the payments are credit-transfer or card-based). In addition, as regards cash withdrawals and



Financial Statistics and Statistics Department

Financial Statistics Office

28.5.2021

Public

deposits, this category includes for example cash ordered via post or cash ordered or deposited through cash-in-transit services.

### 6.15 Initiation channel (field 18)

Payment transactions are reported based on the initiation channel used (code list 20: initiation channel). The reportable categories are as follows:

- Online bank (OB)
- E-payment button (EP)
- Invoice/instalment (IN)
- PISP (PI)
- Direct payment (DP)
- Mobile application (MP)
- Card (CR)
- Other (OT)

**Online bank (OB)** comprises payments initiated via online bank or a mobile banking application.

**E-payment button (EP)** comprises payments initiated with a bank-specific button on an e-merchant's website allowing one to pay using online banking IDs.

**Invoice/instalment (IN)** comprises payments initiated through an invoice or hire-purchase agreement. These payments include, for example invoices under the Finnish online invoice model (e-invoices).

**PISP (PI)** comprises credit transfers initiated by a Payment Initiation Service Provider.

**Direct payment (DP)** is a service that replaces direct debits for customers who do not have access to online banking.



Financial Statistics and Statistics Department

Financial Statistics Office

28.5.2021

Public

**Mobile payment solution (MP)** comprises credit transfer-based e-commerce related payments made via mobile payment solutions. Mobile payment solution refers to a solution used to initiate payments for which the payments data and the payment instructions are transmitted and/or confirmed via mobile communication and data transmission technology through a mobile device. These payments include credit transfers (including instant credit transfers) based e-commerce related payments made with payment solutions provided by the reporter itself or other service providers. This item excludes card-based e-commerce related payments and payments initiated in a mobile banking application.

**Card (CR)** comprises payments initiated with a card for example in a physical payment terminal. Excludes payments where the card is linked for example to a mobile application, which is used to initiate a payment.

**Other (OT)** comprises payment transactions initiated in ways other than those specified in this field.

#### 6.16 Mobile payment type (field 19)

Mobile payments are reported according to their type (code list 21: mobile payment type). The reportable types are as follows:

- Person-to-person (P2P)
- Consumer-to-business (C2B)
- Other (OTH)

**Person-to-person (P2P)** comprises types of mobile payment where payments are initiated, confirmed and/or received by an individual to another individual (P2P), via a mobile device. The payment instruction and other payment data are transmitted and/or confirmed with a mobile device. A distinctive mobile payment identifier, such as mobile telephone number or e-mail address, can be used as a proxy to identify the payer and/or payee.

**Consumer-to-business (C2B)** comprises mobile payments paid by consumers to businesses.



Financial Statistics and Statistics Department

Financial Statistics Office

28.5.2021

Public

**Other (OTH)** comprises other mobile payments than those specified in this field, such as business-to-business or business-to-consumer mobile payments.

#### 6.17 Customer authentication (field 20)

Payment transactions are reported based on the type of authentication (code list 22: strong customer authentication). The reportable categories are as follows:

- Authenticated via strong customer authentication (SCA)
- Authenticated via non-SCA (NSCA)

**Authenticated via strong customer authentication (SCA)** refers to strong authentication in accordance with Article 4(30) of the Payment Services Directive, based on two or more elements.

**Authenticated via non-strong customer authentication (NSCA)** comprises transactions exempted from strong customer authentication pursuant to Chapter III of Delegated Regulation (EU) 2018/389 as well as transactions for which the provisions in Article 97(1) of the Payment Services Directive, do not apply.

#### 6.18 Reason for non-SCA (field 21)

Payments where strong customer authentication has not been used are reported according to the reason (code list 23: reason for non-SCA). The reportable categories are as follows:

- Low value (R01)
- Contactless low value (R02)
- Payment to self (R03)
- Trusted beneficiary (R04)
- Recurring transaction (R05)
- Unattended terminal (R06)
- Secure corporate payment processes and protocols (R07)



Financial Statistics and Statistics Department

Financial Statistics Office

28.5.2021

Public

- Transaction risk analysis (R08)
- Merchant initiated transaction (R09)
- Other (R99)

The categories for the use of non-strong customer authentication are based on Commission Delegated Regulation (EU) 2018/389.

**Low value (R01)** refers to situations where the following conditions are met:

- a) the amount of the remote electronic payment transaction does not exceed EUR 30; and
- b) the cumulative amount of previous remote electronic payment transactions initiated by the payer since the last application of strong customer authentication does not exceed EUR 100; or
- c) the number of previous remote electronic payment transactions initiated by the payer since the last application of strong customer authentication does not exceed five consecutive individual remote electronic payment transactions.

**Contactless low value (R02)** refers to contactless electronic payment transactions meeting the following conditions:

- a) the individual amount of the contactless electronic payment transaction does not exceed EUR 50; and
- b) the cumulative amount of previous contactless electronic payment transactions initiated by means of a payment instrument with a contactless functionality from the date of the last application of strong customer authentication does not exceed EUR 150; or
- c) the number of consecutive contactless electronic payment transactions initiated via the payment instrument offering a contactless functionality since the last application of strong customer authentication does not exceed five.

**Payment to self (R03)** comprises credit transfers where the payer and the payee are the same natural or legal person and both payment accounts are held by the same account servicing payment service provider.



Financial Statistics and Statistics Department

Financial Statistics Office

28.5.2021

Public

**Trusted beneficiary (R04)** comprises payments where the payee is included in the list of trusted beneficiaries created by the payer.

**Recurring transaction (R05)** comprises transactions belonging to a series where recurring payments are made to the same payee with the same amount specified by the payer. When the series of payments is created for the first time or amended, strong customer authentication is used. Other payments in the series do not require strong customer authentication, and hence they are included in this item.

**Unattended terminal (R06)** comprises electronic payment transactions at an unattended payment terminal for the purpose of paying a transport fare or a parking fee. Payment transactions subject to Article 12 of Commission Delegated Regulation (EU) 2018/389.

**Secure corporate payment processes and protocols (R070)** comprises circumstances where strong customer authentication is not applied, in respect of legal persons initiating electronic payment transactions through the use of dedicated payment processes or protocols that are only made available to payers who are not consumers, where the competent authorities are satisfied that those processes or protocols guarantee at least equivalent levels of security to those provided for by the Payment Services Directive.

**Transaction risk analysis (R08)** comprises payment transactions identified by the payment service provider as posing a low level of risk and therefore excluded from strong customer authentication. The conditions of a low level of risk are defined in more detail in Article 18 of Commission Delegated Regulation (EU) 2018/389.

**Merchant initiated transaction (R09)** refers to “Merchant initiated transaction” as defined in Annex II, Part C, footnote 4 of the EBA Guidelines (EBA/GL/2020/01) amending the EBA Guidelines on reporting requirements for fraud data under Article 96(6) of the Payment Services Directive.

**Other (R99)** comprises reasons incompatible with other categories not to apply strong customer authentication.



Financial Statistics and Statistics Department

Financial Statistics Office

28.5.2021

Public

### 6.19 Fraud type (field 22)

Fraudulent payment transactions are reported according to the type of fraud (code list 24: fraud type). The reportable types are as follows:

- Issuance of a payment order by the fraudster (F01)
- Lost or stolen card (F02)
- Card not received (F03)
- Counterfeit card (F04)
- Card details theft (F05)
- Modification of a payment order by the fraudster (F06)
- Manipulation of the payer (F07)
- Unauthorised payment transaction (F08)
- Other (F99)

**Issuance of a payment order by the fraudster (F01)** comprises fraud where a fake payment order is issued by the fraudster after having obtained the payer's/payee's sensitive payment data through fraudulent means. Lost or stolen card (F02) comprises fraud with the use of a lost or stolen card-based payment instrument (debit, delayed debit or credit card) without the actual, implied, or apparent authority of the cardholder.

**Card not received (F03)** comprises fraud using a card that the payer claimed was not received, although the payer's PSP (issuer) confirms it was sent to the payer (by any delivery method).

**Counterfeit card (F04)** comprises fraud involving the use of an altered or illegally reproduced card-based payment instrument, including the replication or alteration of the magnetic stripe or embossing.

**Card details theft (F05)** comprises fraud involving theft of sensitive payment data as defined in Article 4(32) of the Payment Services Directive referring to a card-based payment instrument.



Financial Statistics and Statistics Department

Financial Statistics Office

28.5.2021

Public

**Modification of a payment order by the fraudster (F06)** refers to fraud where the fraudster intercepts and modifies a legitimate payment order at some point during the electronic communication between the payer's device and the payment service provider or modifies the payment instruction in the payment service provider's system before the payment order is cleared and settled.

**Manipulation of the payer (F07)** comprises fraud where the fraudster has manipulated the payer to issue a payment order or to give the instruction to do so to the payment service provider, in good faith, to a payment account it believes belongs to a legitimate payee.

**Unauthorised payment transaction (F08)** includes fraud resulting from the loss, theft or misappropriation of sensitive payment data or a payment instrument, whether detectable or not to the payer prior to a payment and whether or not caused by gross negligence of the payer or executed in the absence of consent by the payer.

**Other (F99)** includes fraud types other than those specified in this field.

## 6.20 Liability bearer (field 23)

Losses due to fraud are reported according to who bears the losses (code list 25: liability bearer). The reportable categories are as follows:

- Reporting PSP (PSP)
- PSU of the reporting PSP (PSU)
- Other (OTH)

**Reporting PSP (PSP)** comprises transactions where the loss due to fraud is borne by the reporting payment service provider.

**Payment service user (PSU)** comprises transactions where the loss due to fraud is borne by the reporting payment service user.



Financial Statistics and Statistics Department

Financial Statistics Office

28.5.2021

Public

**Other (OTH)** comprises transactions where the loss due to fraud is borne by another party than the reporter or the reporter's customer.

#### 6.21 Counterparty's PSP location (field 24)

The country of location of the counterparty's payment service provider is reported in this field. The country is reported using the code values in code list *Country (ISO 3666)*.

#### 6.22 Terminal location (field 25)

The country of location of the terminal used to make the payment transaction is reported in this field. The country is reported using the code values in code list *Country (ISO 3666)*.

#### 6.23 Currency (field 26)

The currency in which the payment transaction was made is reported in this field.



Financial Statistics and Statistics Department

Financial Statistics Office

28.5.2021

Public

## 7 Quarterly reporting of payment transactions (QPAY record)

The QPAY record is used by full reporters to report quarterly data on payment transactions.

General instructions on the reporting of payment transactions and the roles of the reporters are available in section 2 of these instructions.

### 7.1 Reporter's role (field 4)

For payment transactions, the role of the payment service provider (PSP) is reported (code list 15: payment service provider's role). The reportable roles are as follows:

- Payer's PSP (ER)
- Payee's PSP (EE)

**Payer's PSP (ER)**, or the payer's payment service provider, means the sender of the funds.

**Payee's PSP (EE)**, or the payee's payment service provider, means the recipient of the funds.

### 7.2 Information type (field 5)

Different types of information are reported on payment transactions (code list 13: information type). The reportable types are as follows:

- Payment transaction (PT)

**Payment transaction (PT)** is an operation where funds are used, transferred, deposited or withdrawn. In reportable payment transactions, at least one of the parties involved is a non-MFI. Also includes fraudulent payment transactions.



Financial Statistics and Statistics Department

Financial Statistics Office

28.5.2021

Public

### 7.3 Payment service (field 6)

Transactions are reported based on their type (code list 14: payment transaction type). The reportable types are as follows:

- Credit transfer (CT)
- Direct debit (DD)
- Card payment (CP)
- Electronic money payment (EMP)
- Cheque (CHQ)

**Credit transfer (CT)** is a payment service that allows the payer to instruct the institution holding its account to transfer funds to the beneficiary. It is a payment order or a sequence of payment orders made for the purpose of placing funds at the disposal of the beneficiary. Both the payment order and the funds described therein move from the PSP of the payer to the PSP of the payee, i.e. the beneficiary, possible via several other credit institutions as intermediaries and/or one or more payment and settlement systems.

Transactions involving cash at one or both ends of the payment transaction, and utilizing a credit transfer payment service, are included as credit transfers. Credit transfers initiated at an ATM with a credit transfer function are also included. Credit transfers also comprise transfer of funds from the credit card to the account and transfer of other revolving credits to the account.

Fund transfers between accounts in the same name, and also between different types of accounts, are included according to the payment instrument used. Transfers between the same owner's accounts are reported by payment instrument regardless of the type of account. These include, for example, transfers between current accounts and savings accounts.



Financial Statistics and Statistics Department

Financial Statistics Office

28.5.2021

Public

Credit transfers	
Role	More detailed description of reportable data
<b>Payer's PSP</b>	Payer's PSP reports payments initiated by its customers and the PSP itself.
<b>Payee's PSP</b>	Payee's PSP reports payments received by its customers and the PSP itself.

**Direct debit (DD)** is a payment service for debiting a payer's payment account, potentially on a recurrent basis, where a payment transaction is initiated by the payee on the basis of the payer's consent given to the payee, to the payee's PSP or to the payer's own PSP.

Data is reported by the Payee's PSP. Both one-off and recurrent direct debits are counted. Each debit under recurrent direct debits is counted as a single transaction. Rejected direct debit requests are included in reportable direct debit. However, cancelled direct debit requests are not included.

Direct debits used to settle outstanding credit balances resulting from card payments are included as direct debits. These are separate payments from the cardholder to the card issuer.

Direct debits	
Role	More detailed description of reportable data
<b>Payer's PSP</b>	Payer's PSP reports direct debit requests received <ul style="list-style-type: none"> <li>• However, to avoid double reporting, credit institutions do not report direct debit requests received, where the recipient is a payment institution (or another credit institution) whose account is held by the credit institution.</li> </ul>
<b>Payee's PSP</b>	Payee's (creditor) PSP reports direct debit requests sent <ul style="list-style-type: none"> <li>• However, to avoid double reporting, credit institutions do not report direct debit requests sent, where the sender is a payment institution (or another credit institution) whose account is held by the credit institution.</li> </ul>



Financial Statistics and Statistics Department

Financial Statistics Office

28.5.2021

Public

**Card payment (CP)** refers to a payment transaction made with a card issued by a resident PSP (excluding cards with an e-money function only). The issuer of the cards reports card payments made both in the home country and abroad. Payment transactions made in e-money are not included.

Payment transactions performed using cards with a debit, credit or delayed debit function at a terminal (physical or virtual) or via other channels. Payments initiated both with a physical card and a mobile solution are reported. All payment transactions initiated with a card are included, i.e.:

(c) (all transactions in which the acquirer and the issuer of the card are different entities; and

(d) all transactions in which the acquirer and the issuer of the card are the same entity.

Deductions from the PSP's account resulting from the settlement of a card transaction in which the acquirer and the issuer of the card are the same entity are included.

Card payments do not include cash withdrawals and deposits at ATMs. Credit transfers at ATMs are not included in card payments. Neither do card payments include cash advances and deposits at POS terminals.

Card payments	
Role	More detailed description of reportable data
Payer's PSP	The payer's PSP reports payments made with cards issued by it.
Payee's PSP	The payee's PSP, i.e. the acquirer of card payments reports card payments received.

**E-money payment (EMP)** is a transaction whereby a holder of e-money transfers e-money value from its own balance to the balance of the beneficiary, either with a card on which e-money can be stored directly or with other e-money accounts. See also the definition of electronic money and e-money account in section 3.4.



Financial Statistics and Statistics Department

Financial Statistics Office

28.5.2021

Public

Electronic money payment	
Payments made using e-money cards	
Role	More detailed description of reportable data
<b>Payer's PSP</b>	Payer's PSP reports payments made with e-money cards issued by it as well as e-money card loading and unloading.
<b>Payee's PSP</b>	Payee's PSP, i.e. the recipient of e-money card transactions, reports received payments made with e-money cards.
Other electronic money payments	
Role	More detailed description of reportable data
<b>Payer's PSP</b>	The payer's PSP reports payments made from e-money accounts held by it.
<b>Payee's PSP</b>	The payer's PSP reports payments received on e-money accounts held by it.

**Cheque (CHQ)** is a written order from one party, i.e. the drawer, to another, i.e. the drawee, normally a credit institution, requiring the drawee to pay a specified sum on demand to the drawer or to a third party specified by the drawer.

Cash withdrawals with cheques are included. Cash withdrawals using bank forms are not included. Cheques issued but not submitted for clearing are not included.

Cheque	
Role	More detailed description of reportable data
<b>Payer's PSP</b>	Payer's PSP reports payment instructions/cheques received
<b>Payee's PSP</b>	Payee's PSP reports payment instructions/cheques sent



Financial Statistics and Statistics Department

Financial Statistics Office

28.5.2021

Public

#### 7.4 Payment service user (field 7)

Payment service users are reported based on their type (code list 6: type of payment service user). The reportable categories are as follows:

- Personal customer (P)
- Corporate customer (C)

**Personal customer (P)** is a payment service user not operating under a business ID. This item also includes, for example, sole proprietors not operating under a business ID.

**Corporate customer (P)** is a payment service user operating under a business ID. This item also includes, for example, public corporations operating under a business ID.

#### 7.5 Electronic (field 8)

If the payment transaction is submitted electronically, report *Y* in the field. Otherwise, report *N*.

#### 7.6 Remote/non-remote (field 15)

Card payments are reported based on the type of card usage (code list 18: remote/non-remote payment). The reportable categories are as follows:

- Remote payment (R)
- Non-remote payment (NR)
- Chip or magnetic stripe (NRP)
- Contactless payment (NRC)

**Remote payment (R)** includes payment transactions initiated through the internet or other remote communications device without the payer and payee having to be physically present at the same time (card not present, CNP).



Financial Statistics and Statistics Department

Financial Statistics Office

28.5.2021

Public

Remote payments can be made using a card or a mobile payment solution on which card data has been stored. Remote payments include the following card-based payments: e-commerce related payments made on the web (using a card or a mobile payment solution), payments made within mobile solutions (in-app) and P2P (person-to-person) payments. When reporting card payments initiated via mobile payment solutions the following card payments are categorized as remote payments: e-commerce related payments made using a mobile payment solution, payments made within mobile solutions (in-app) and P2P (person-to-person) payments. Hence, when reporting card payments initiated via mobile payment solutions, other mobile payments than those made at merchant premises are remote payments.

**Chip or magnetic stripe (NRP)** includes contact card payments made by reading the chip or magnetic stripe on a card.

**Contactless payment (NRC)** includes card payments where the payer and payee (and/or their devices) are physically in the same location and communication with a payment instrument and terminal takes place using a contactless payment technology (e.g. NFC, BLE, QR). Contactless payments can be made using a card or a mobile payment solution on which card data has been stored. Hence, contactless payments include, in addition to contactless payments with physical cards, card-based payments at a physical POS (at merchant premises) using a mobile payment solution based on abovementioned contactless payment technologies.

#### 7.7 Counterparty's PSP location (field 24)

The country of location of the counterparty's payment service provider is reported in this field. The country is reported using the code values in code list *Country (ISO 3666)*.

#### 7.8 Terminal location (field 25)

The country of location of the terminal used to make the payment transaction is reported in this field. The country is reported using the code values in code list *Country (ISO 3666)*.



Financial Statistics and Statistics Department

Financial Statistics Office

28.5.2021

Public

## 8 Annual reporting of payment transactions and fraudulent payment transactions (APAY record)

In the APAY record, tail reporters report half-yearly data on payment transactions, fraudulent payment transactions and losses due to fraud.

General instructions on the reporting of payment transactions and the roles of the reporters are available in section 2 of these instructions.

### 8.1 Reporter's role (field 4)

For payment transactions, the role of the payment service provider (PSP) is reported (code list 15: payment service provider's role). The reportable roles are as follows:

- Payer's PSP (ER)
- Payee's PSP (EE)
- PISP (PI)
- Payment intermediary (IM)
- Payment processor (PO)

**Payer's PSP (ER)**, or the payer's payment service provider, means the sender of the funds.

**Payee's PSP (EE)**, or the payee's payment service provider, means the recipient of the funds.

**Payment Initiation Service Provider (PI, PISP)** refers to a service provider as defined in Article 4(18) of the Payment Services Directive. If the reporting PSP provides payment initiation services, said provider must report, in the role of PISP, any payments initiated by it on behalf of customers (its own and others' customers), i.e. credit transfers and other payments initiated by the PISP itself. Credit transfers and other payments reported as PISP do not contribute to the total number, or total value of credit transfers reported as payer's PSP. If a reporter has a double role, for example as payers' PSP and PISP, it must report payments made in each of the roles separately.



Financial Statistics and Statistics Department

Financial Statistics Office

28.5.2021

Public

**Payment intermediary (IM)** (usually a payment institution) refers to payment service providers that

- operate as e-commerce merchant/PSPs i.e. providing merchants with a service to receive different payment transactions in e-commerce or within a mobile application and/or
- operate as mobile payment service providers, which provide a mobile payment service for the transfer of funds. These services include various digital wallets and other mobile payment solutions enabling person-to-person (P2P) or consumer-to-business (C2B) payments.

**Payment processor (PO)** is the role used to report card payments where the PSP operates as a processor of card payments (responsible for routing to card schemes and card issuers) but where the PSP does not have a direct agreement with the payee for accepting and processing card-based payment transactions.

A description of the link between various payment services and roles is provided on the INFO sheet of the record structure.

If the reporter operates in more than one reportable role in a payment transaction, the payment transaction must be reported separately for each role.

## 8.2 Information type (field 5)

Different types of information are reported on payment transactions (code list 13: information type). The reportable types are as follows:

- Payment transaction (PT)
- Fraudulent payment transaction (FT)
- Losses due to fraud (LF)

**Payment transaction (PT)** is an operation where funds are used, transferred, deposited or withdrawn. In reportable payment transactions, at least one of the parties involved is a non-MFI. Also includes fraudulent payment transactions.



Financial Statistics and Statistics Department

Financial Statistics Office

28.5.2021

Public

**Fraudulent payment transaction (FT)** includes unauthorised payment transactions. These include for example transactions resulting from the loss, theft or misappropriation of sensitive payment data or a payment instrument, whether detectable or not to the payer prior to a payment and whether or not caused by gross negligence of the payer or executed in the absence of consent by the payer. In addition, the category includes payment transactions where the fraudster has manipulated the payer to initiate the payment transaction.

**Losses due to fraud (LF)** refers to the losses by the reporting payment service provider, its payment service user or others, reflecting the actual impact of fraud on a cash flow basis. Since the registering of financial losses borne may be disassociated time-wise from the actual fraudulent transactions and in order to avoid revisions of reported data purely due to this immanent time lag, the final fraud losses should be reported in the period when they are recorded in the payment service provider's books. The final fraud loss figures should not take into account refunds by insurance agencies because they are not related to fraud prevention for the purposes of PSD2.

### 8.3 Payment service (field 6)

Transactions are reported based on their type (code list 14: type of payment transaction). The reportable types are as follows:

- Credit transfer (CT)
- Direct debit (DD)
- Card payment (CP)
- Cash withdrawal (CW)
- Cash deposit (CD)
- Electronic money payment (EMP)
- E-money card-loading or unloading (EML)
- Cheque (CHQ)
- Money remittance (MR)
- Other payment service included the scope of the Payment Services Directive (OTD)
- Credits to the account by simple book entry (CBE)



Financial Statistics and Statistics Department

Financial Statistics Office

28.5.2021

Public

- Debits from the account by simple book entry (DBE)
- Other payment service, not included in the Payment Services Directive (OTN)

**Credit transfer (CT)** is a payment service that allows the payer to instruct the institution holding its account to transfer funds to the beneficiary. It is a payment order or a sequence of payment orders made for the purpose of placing funds at the disposal of the beneficiary. Both the payment order and the funds described therein move from the PSP of the payer to the PSP of the payee, i.e. the beneficiary, possible via several other credit institutions as intermediaries and/or one or more payment and settlement systems.

Transactions involving cash at one or both ends of the payment transaction, and utilizing a credit transfer payment service, are included as credit transfers. Credit transfers initiated at an ATM with a credit transfer function are also included. Credit transfers also comprise transfer of funds from the credit card to the account and transfer of other revolving credits to the account.

Fund transfers between accounts in the same name, and also between different types of accounts, are included according to the payment instrument used. Transfers between the same owner's accounts are reported by payment instrument regardless of the type of account. These include, for example, transfers between current accounts and savings accounts.



Financial Statistics and Statistics Department

Financial Statistics Office

28.5.2021

Public

Credit transfers	
Role	More detailed description of reportable data
<b>Payer's PSP</b>	Payer's PSP reports payments initiated by its customers and the PSP itself.
<b>Payee's PSP</b>	Payee's PSP reports payments received by its customers and the PSP itself.
<b>Payment intermediary</b>	Payments initiated by the payer in e-commerce as credit transfers and using a mobile payment solution as credit transfers. Purchases made by the payer in e-commerce using an invoice, credit or instalment solution are also reported under credit transfers.
<b>Payment initiation service provider (PISP)</b>	Credit transfers initiated by a PISP on behalf of its customer in the role of a PISP. Note. The PSP servicing the account where the payment is initiated using a payment initiation service reports the payments as payer's PSP – not as PISP.

**Direct debit (DD)** is a payment service for debiting a payer's payment account, potentially on a recurrent basis, where a payment transaction is initiated by the payee on the basis of the payer's consent given to the payee, to the payee's PSP or to the payer's own PSP.

Data is reported by the Payee's PSP. Both one-off and recurrent direct debits are counted. Each debit under recurrent direct debits is counted as a single transaction. Rejected direct debit requests are included in reportable direct debit. However, cancelled direct debit requests are not included.

Direct debits used to settle outstanding credit balances resulting from card payments are included as direct debits. These are separate payments from the cardholder to the card issuer.



28.5.2021

Public

Direct debits	
Role	More detailed description of reportable data
<b>Payer's PSP</b>	Payer's PSP reports direct debit requests received • However, to avoid double reporting, credit institutions do not report direct debit requests received, where the recipient is a payment institution (or another credit institution) whose account is held by the credit institution.
<b>Payee's PSP</b>	Payee's (creditor) PSP reports direct debit requests sent • However, to avoid double reporting, credit institutions do not report direct debit requests sent, where the sender is a payment institution (or another credit institution) whose account is held by the credit institution.

**Card payment (CP)** refers to a payment transaction made with a card issued by a resident PSP (excluding cards with an e-money function only). The issuer of the cards reports card payments made both in the home country and abroad. Payment transactions made in e-money are not included.

Payment transactions performed using cards with a debit, credit or delayed debit function at a terminal (physical or virtual) or via other channels. Payments initiated both with a physical card and a mobile solution are reported. All payment transactions initiated with a card are included, i.e.:

(e) (all transactions in which the acquirer and the issuer of the card are different entities; and

(f) all transactions in which the acquirer and the issuer of the card are the same entity.

Deductions from the PSP's account resulting from the settlement of a card transaction in which the acquirer and the issuer of the card are the same entity are included.

Card payments do not include cash withdrawals and deposits at ATMs. Credit transfers at ATMs are not included in card payments. Neither do card payments include cash advances and deposits at POS terminals.



Financial Statistics and Statistics Department

Financial Statistics Office

28.5.2021

Public

Card payments	
Role	More detailed description of reportable data
<b>Payer's PSP</b>	The payer's PSP reports payments made with cards issued by it.
<b>Payee's PSP</b>	The payee's PSP, i.e. the acquirer of card payments reports card payments received.
<b>Payment intermediary</b>	Payments initiated by the payer in e-commerce as card payments and using a mobile payment solution as card payments.
<b>Payment processor (PO)</b>	Payment processor reports card payments for which it operates as processor but not as acquirer (recipient). (See the definition of <i>acquirer</i> under payee's PSP.)

**Cash withdrawals (CW)** and **cash deposits (CD)** include cash transactions broken down by the manner of withdrawals and deposits into ATM cash withdrawals and deposits, cash advances and deposits at a POS terminals, OTC cash withdrawals and deposits and cash ordered by post.



28.5.2021

Public

Cash withdrawals and deposits	
Cash withdrawals and deposits at ATM	
Role	More detailed description of reportable data
<b>Payer's PSP</b>	The payer's PSP reports cash withdrawals and deposits made at an ATM with cards issued by it.
<b>Payee's PSP</b>	The payee's PSP, i.e. the acquirer of card payments reports cash withdrawals and deposits made at an ATM received by it.
Cash withdrawals and deposits at retail merchants	
Role	More detailed description of reportable data
<b>Payer's PSP</b>	The payer's PSP reports cash withdrawals and deposits made at retail merchants with cards issued by it.
<b>Payee's PSP</b>	The payee's PSP, i.e. the acquirer of card payments reports cash withdrawals and deposits made at retail merchants received by it.
Non-card cash withdrawals	
Role	More detailed description of reportable data
<b>Payer's PSP</b>	Payer's PSP reports such cash withdrawals and deposits made from and to accounts held by it that are made by other means than cards. These include OTC cash withdrawals and deposits, cash orders via post and for example corporate customers' change cash withdrawals and deposits via night deposit boxes and cash-in-transit services.

**E-money payment (EMP)** is a transaction whereby a holder of e-money transfers e-money value from its own balance to the balance of the beneficiary, either with a card on which e-money can be stored directly or with other e-money accounts. See also the definition of electronic money and e-money account in section 3.4.

**E-money card-loading or unloading (EML)** includes transactions where electronic money value is transferred from the issuer of electronic money onto a card equipped with an e-money function or vice versa. This includes both the loading and unloading of an e-money card.



Financial Statistics and Statistics Department

Financial Statistics Office

28.5.2021

Public

Electronic money payment	
Payments with e-money cards and e-money card loading or unloading	
Role	More detailed description of reportable data
<b>Payer's PSP</b>	Payer's PSP reports payments made with e-money cards issued by it as well as e-money card loading and unloading.
<b>Payee's PSP</b>	Payee's PSP, i.e. the recipient of e-money card transactions, reports received payments made with e-money cards.
<b>Payment intermediary</b>	Payments initiated by the payer in e-commerce as e-money card payments and using a mobile payment solution as card payments.
Other electronic money payments	
Role	More detailed description of reportable data
<b>Payer's PSP</b>	The payer's PSP reports payments made from e-money accounts held by it.
<b>Payee's PSP</b>	The payer's PSP reports payments received on e-money accounts held by it.
<b>Payment intermediary</b>	Payments initiated by the payer in e-commerce as other e-money payments and payments initiated by the payer in a mobile solution as other e-money payment.

**Cheque (CHQ)** is a written order from one party, i.e. the drawer, to another, i.e. the drawee, normally a credit institution, requiring the drawee to pay a specified sum on demand to the drawer or to a third party specified by the drawer.

Cash withdrawals with cheques are included. Cash withdrawals using bank forms are not included. Cheques issued but not submitted for clearing are not included.



Financial Statistics and Statistics Department

Financial Statistics Office

28.5.2021

Public

Cheques	
Role	More detailed description of reportable data
Payer's PSP	Payer's PSP reports payment instructions/cheques received
Payee's PSP	Payee's PSP reports payment instructions/cheques sent

**Money remittance (MR)**, as defined in Article 4(22) of the Payment Services Directive, means a payment service where funds are received from a payer, without any payment accounts being created in the name of the payer or the payee, for the sole purpose of transferring a corresponding amount to a payee or to another payment service provider acting on behalf of the payee, and/or where such funds are received on behalf of and made available to the payee. Also includes payment orders.

Money remittances	
Role	More detailed description of reportable data
Payer's PSP	Payer's PSP reports money remittances sent.
Payee's PSP	Payee's PSP reports money remittances received.

**Other payment service included the scope of the Payment Services Directive (OTD)** comprises other payment services falling within the scope of the Payment Services Directive (PSD2) but which cannot be reported in any other category.



Financial Statistics and Statistics Department

Financial Statistics Office

28.5.2021

Public

Other payment service included in the Payment Services Directive	
Role	More detailed description of reportable data
<b>Payer's PSP</b>	Depends on the payment service
<b>Payee's PSP</b>	Depends on the payment service
<b>Payment initiation service provider</b>	Other payment services included in the Payment Services Directive initiated by a PISP on behalf of its customers in the role of a PISP.

**Credit to the account by simple book entry (CBE)** includes all of the following credits made by a PSP to its customers' accounts: (i) interest payments; (ii) dividend payments; (iii) disbursement of the amount of a loan to the current account of the customer; (iv) other credits to the account by simple book entry. This data is excluded from credit transfers. Transfer of a card credit or revolving credit to the account is not a simple book entry.

Credits to the account by simple book entry	
Role	More detailed description of reportable data
<b>Payer's PSP</b>	The payment service provider reports credits to accounts using a simple account entry

**Debit from the account by simple book entry (DBE)** includes the PSP's own debits, for example debiting of loan interest: The following transactions are reported for this category: (i) charge of interest by the bank; (ii) deduction of banking fees; (iii) payment of taxes linked to financial assets, if they are a separate transaction but not separately authorised by the customer; (iv) repayments of capital on a loan; (v) other debits to the account by simple book entry. These data are excluded from direct debits. Card related annual fees and service fees belong to this category.



Financial Statistics and Statistics Department

Financial Statistics Office

28.5.2021

Public



Financial Statistics and Statistics Department

Financial Statistics Office

28.5.2021

Public

Debits from the account by simple book entry	
Role	More detailed description of reportable data
Payee's PSP	The payment service provider reports debits from accounts using a simple account entry

**Other payment service not included in the Payment Services Directive (OTN)** comprises other payment services falling outside the scope of the Payment Services Directive (PSD2) and which cannot be reported in any other category.

#### 8.4 Electronic (field 8)

If the payment transaction is submitted electronically, report *Y* in the field. Otherwise, report *N*.

#### 8.5 Channel for giving consent (field 10)

Payment transactions are reported based on the channel used for giving consent (code list 17: channel for giving consent). The reportable categories are as follows:

- Electronic mandate (E)
- Other than electronic mandate (O)

**Electronic mandate (E)** is a consent given in electronic form.

**Other than electronic mandate (E)** is a consent given in other than electronic form.

#### 8.6 Card type (field 13)

Card payments are reported based on card type (code list 7: card type). The reportable types are as follows:

- Debit card (C110)



Financial Statistics and Statistics Department

Financial Statistics Office

28.5.2021

Public

- Delayed debit card (C120)
- Credit card (C130)
- Card other than a payment card (C900)

**Debit card (C110)** is a card enabling cardholders to have their purchases directly and immediately charged to their accounts, whether held with the card issuer or not. A card with a debit function may be linked to an account offering overdraft facilities as an additional feature. The number of cards with a debit function refers to the total number of cards in circulation and not to the number of accounts to which the cards are linked. The distinguishing feature of a card with a debit function, in contrast to a card with a credit function or a delayed debit function, is the contractual agreement to charge purchases directly to funds on the cardholder's current account.

**Delayed debit card (C120)** is a card enabling the cardholder to have purchases (incl. cash withdrawals) charged to an account with the card issuer, up to an authorised limit. The balance in this account is then settled in full at the end of a pre-defined period. The distinguishing feature of a card with a delayed debit function, in contrast to a card with a credit function or a debit function, is the contractual agreement granting a credit line but with an obligation to settle the debt incurred at the end of a pre-defined period. If the card has a credit function, it is not reported here but in category C130, credit card.

**Credit card (C130)** is a card enabling the cardholder to make purchases, and in some cases also to withdraw cash, up to a pre-arranged ceiling. The credit granted may be settled in full by the end of a specified period or may be settled in part, with the balance taken as extended credit on which interest is usually charged. The distinguishing feature of a card with a credit function, in contrast to a card with a debit function or a delayed debit function, is the contractual agreement granting the cardholder a credit line allowing for extended credit.

**Card other than a payment card (C900)** is a card that does not belong to the other categories. It may be, for example, a cash card enabling the holder to withdraw cash from an ATM and/or to deposit cash to an ATM.



Financial Statistics and Statistics Department

Financial Statistics Office

28.5.2021

Public

### 8.7 Remote/non-remote (field 15)

Card payments are reported based on the type of card usage (code list 18: remote/non-remote payment). The reportable categories are as follows:

- Remote payment (R)
- Non-remote payment (NR)

**Remote payment (R)** includes payment transactions initiated through the internet or other remote communications device without the payer and payee having to be physically present at the same time (card not present, CNP). Remote payments can be made using a card or a mobile payment solution on which card data has been stored. Remote payments include the following card-based payments: e-commerce related payments made on the web (using a card or a mobile payment solution), payments made within mobile solutions (in-app) and P2P (person-to-person) payments. When reporting card payments initiated via mobile payment solutions the following card payments are categorized as remote payments: e-commerce related payments made using a mobile payment solution, payments made within mobile solutions (in-app) and P2P (person-to-person) payments. Hence, when reporting card payments initiated via mobile payment solutions, other mobile payments than those made at merchant premises are remote payments.

### 8.8 Terminal (field 17)

Card transactions are reported based on the type of terminal (code list 12: type of terminal). The reportable categories are as follows:

- Physical POS (T011)
- Virtual POS (T012)
- ATM (T020)
- Over-the-counter (OTC) (T030)
- Other (T900)



Financial Statistics and Statistics Department

Financial Statistics Office

28.5.2021

Public

**Physical POS (To11)** includes payment transactions made using the chip, magnetic stripe or contactless payment feature of the card. In addition, it includes card payments initiated using a mobile solution at a physical POS, where communication between the mobile device and payment terminal takes place through a contactless payment technology (e.g. NFC, BLE, QR).

**Virtual POS (To12)** includes e-commerce-related payment transactions made on the internet (using a physical card or mobile solution) or within a mobile application (in-app). This category does not include P2P (person-to-person) card payments initiated via a mobile payment solution.

**ATM (To20)** comprises transactions made at automated teller machines.

**Over-the-counter (OTC) (To30)** comprises transactions made in domestic banks' offices. (OTC = Over-The-Counter)

**Other (T900)** comprises all other terminals than the abovementioned, and transactions involving no terminal at all.

## 8.9 Customer authentication (field 20)

Payment transactions are reported based on the type of authentication (code list 22: strong customer authentication). The reportable categories are as follows:

- Authenticated via strong customer authentication (SCA)
- Authenticated via non-SCA (NSCA)

**Authenticated via strong customer authentication (SCA)** refers to strong authentication in accordance with Article 4(30) of the Payment Services Directive, based on two or more elements.

**Authenticated via non-SCA (NSCA)** comprises transactions exempted from strong customer authentication pursuant to Chapter III of Delegated Regulation (EU) 2018/389 as well as transactions for which the provisions in Article 97(1) of the Payment Services Directive do not apply.



Financial Statistics and Statistics Department

Financial Statistics Office

28.5.2021

Public

### 8.10 Reason for non-SCA (field 21)

Payments where strong customer authentication has not been used are reported according to the reason (code list 23: reason for non-SCA). The reportable categories are as follows:

- Low value (R01)
- Contactless low value (R02)
- Payment to self (R03)
- Trusted beneficiary (R04)
- Recurring transaction (R05)
- Unattended terminal (R06)
- Secure corporate payment processes and protocols (R07)
- Transaction risk analysis (R08)
- Merchant initiated transaction (R09)
- Other (R99)

**Low value (R01)** refers to situations where the following conditions are met:

- d) the amount of the remote electronic payment transaction does not exceed EUR 30; and
- e) the cumulative amount of previous remote electronic payment transactions initiated by the payer since the last application of strong customer authentication does not exceed EUR 100; or
- f) the number of previous remote electronic payment transactions initiated by the payer since the last application of strong customer authentication does not exceed five consecutive individual remote electronic payment transactions.

**Contactless low value (R02)** refers to contactless electronic payment transactions meeting the following conditions:

- d) the individual amount of the contactless electronic payment transaction does not exceed EUR 50; and



Financial Statistics and Statistics Department

Financial Statistics Office

28.5.2021

Public

- e) the cumulative amount of previous contactless electronic payment transactions initiated by means of a payment instrument with a contactless functionality from the date of the last application of strong customer authentication does not exceed EUR 150; or
- f) the number of consecutive contactless electronic payment transactions initiated via the payment instrument offering a contactless functionality since the last application of strong customer authentication does not exceed five.

**Payment to self (R03)** comprises credit transfers where the payer and the payee are the same natural or legal person and both payment accounts are held by the same account servicing payment service provider.

**Trusted beneficiary (R04)** comprises payments where the payee is included in the list of trusted beneficiaries created by the payer.

**Recurring transaction (R05)** comprises transactions belonging to a series where recurring payments are made to the same payee with the same amount specified by the payer. When the series of payments is created for the first time or amended, strong customer authentication is used. Other payments in the series do not require strong customer authentication, and hence they are included in this item.

**Unattended terminal (R06)** comprises electronic payment transactions at an unattended payment terminal for the purpose of paying a transport fare or a parking fee. Payment transactions subject to Article 12 of Commission Delegated Regulation (EU) 2018/389.

**Secure corporate payment processes and protocols (R070)** comprises circumstances where strong customer authentication is not applied, in respect of legal persons initiating electronic payment transactions through the use of dedicated payment processes or protocols that are only made available to payers who are not consumers, where the competent authorities are satisfied that those processes or protocols guarantee at least equivalent levels of security to those provided for by the Payment Services Directive.



Financial Statistics and Statistics Department

Financial Statistics Office

28.5.2021

Public

**Transaction risk analysis (R08)** comprises payment transactions identified by the payment service provider as posing a low level of risk and therefore excluded from strong customer authentication. The conditions of a low level of risk are defined in more detail in Article 18 of Commission Delegated Regulation (EU) 2018/389.

**Merchant initiated transaction (R09)** refers to “Merchant initiated transaction” as defined in Annex II, Part C, footnote 4 of the EBA Guidelines (EBA/GL/2020/01) amending the EBA Guidelines on reporting requirements for fraud data under Article 96(6) of the Payment Services Directive.

**Other (R99)** comprises reasons incompatible with other categories not to apply strong customer authentication.

### 8.11 Fraud type (field 22)

Fraudulent payment transactions are reported according to the type of fraud (code list 24: fraud type). The reportable types are as follows:

- Issuance of a payment order by the fraudster (F01)
- Lost or stolen card (F02)
- Card not received (F03)
- Counterfeit card (F04)
- Card details theft (F05)
- Modification of a payment order by the fraudster (F06)
- Manipulation of the payer (F07)
- Unauthorised payment transaction (F08)
- Other (F99)

**Issuance of a payment order by the fraudster (F01)** comprises fraud where a fake payment order is issued by the fraudster after having obtained the payer’s/payee’s sensitive payment data through fraudulent means.



Financial Statistics and Statistics Department

Financial Statistics Office

28.5.2021

Public

Lost or stolen card (F02) comprises fraud with the use of a lost or stolen card-based payment instrument (debit, delayed debit or credit card) without the actual, implied, or apparent authority of the cardholder.

**Card not received (F03)** comprises fraud using a card that the payer claimed was not received, although the payer's PSP (issuer) confirms it was sent to the payer (by any delivery method).

**Counterfeit card (F04)** comprises fraud involving the use of an altered or illegally reproduced card-based payment instrument, including the replication or alteration of the magnetic stripe or embossing.

**Card details theft (F05)** comprises fraud involving theft of sensitive payment data as defined in Article 4(32) of the Payment Services Directive referring to a card-based payment instrument.

**Modification of a payment order by the fraudster (F06)** refers to fraud where the fraudster intercepts and modifies a legitimate payment order at some point during the electronic communication between the payer's device and the payment service provider or modifies the payment instruction in the payment service provider's system before the payment order is cleared and settled.

**Manipulation of the payer (F07)** comprises fraud where the fraudster has manipulated the payer to issue a payment order or to give the instruction to do so to the payment service provider, in good faith, to a payment account it believes belongs to a legitimate payee.

**Unauthorised payment transaction (F08)** includes fraud resulting from the loss, theft or misappropriation of sensitive payment data or a payment instrument, whether detectable or not to the payer prior to a payment and whether or not caused by gross negligence of the payer or executed in the absence of consent by the payer.

**Other (F99)** includes fraud types other than those specified in this field.



Financial Statistics and Statistics Department

Financial Statistics Office

28.5.2021

Public

### 8.12 Liability bearer (field 23)

Losses due to fraud are reported according to who bears the losses (code list 25: liability bearer). The reportable categories are as follows:

- Reporting PSP (PSP)
- PSU of the reporting PSP (PSU)
- Other (OTH)

**Reporting PSP (PSP)** comprises transactions where the loss due to fraud is borne by the reporting payment service provider.

**Payment service user (PSU)** comprises transactions where the loss due to fraud is borne by the reporting payment service user.

**Other (OTH)** comprises transactions where the loss due to fraud is borne by another party than the reporter or the reporter's customer.

### 8.13 Counterparty's PSP location (field 24)

The country of location of the counterparty's payment service provider is reported in this field.

### 8.14 Terminal location (field 25)

The country of location of the terminal used to make the payment transaction is reported in this field. The country is reported using the code values in code list *Country (ISO 3666)*.



Financial Statistics and Statistics Department

Financial Statistics Office

28.5.2021

Public

## 9 Customer services and electronic invoicing (SERV record)

The SERV record is used to report information pertaining to private and corporate customers' services, such as customer applications and electronic invoicing. Full reporters report the data in the SERV record by a half-yearly breakdown. Both stock and flow data are reported in the SERV record. The reportable stock data refer to end-of-period, i.e. position on the last banking day of the reference year-half. The reportable flow data are concerned with cumulative data over the reporting period.

### 9.1 Service (field 4)

Different types of data are collected on customer services and electronic invoicing (code list 26: service type). The reportable types are as follows:

- Customer identification transactions (S010)
- Electronic bank statements (KTO) (S021)
- ISO20022 bank statements (XML) (S022)
- Terminal authorisations (S031)
- Phone authorisations (S032)
- Online banking agreements (S040)
- Mobile banking service users (S041)
- E-invoice receiver messages (S051)
- Direct payment instructions (S052)
- Online invoice receiver agreements (S061)
- Online invoice sender agreements (S062)
- SDD agreements by creditors (S063)
- Online invoices sent (S070)



Financial Statistics and Statistics Department

Financial Statistics Office

28.5.2021

Public

## Customer applications

**Number of customer identification transactions (S010)** Includes corporate customers' data. Identification transactions refer to customer identification transactions in services outside bank-related services (identification requests received through the trust network). Identification transactions are reported by the provider of the identification device. Identification transactions related to payments are not reported.

**Electronic bank statement, KTO (S021).** Includes corporate customers' data. Electronic bank statement (KTO) refers to a traditional electronic account statement under the domestic standard. Report the number of bank statements compliant with the KTO standard in *Electronic bank statements (KTO)* (not the number of rows on the statements). The figure must include information on all companies covered by the service, even where they have access to other types of bank statements.

**ISO20022 bank statements, XML (S022)** Includes corporate customers' data. ISO20022 bank statement (XML) refers to a electronic account statement under the international ISO20022 standard. Report the number of bank statements compliant with the ISO20022 standard in *ISO 20022 bank statements (XML)* (not the number of rows on the statements). The figure must include information on all companies covered by the service, even where they have access to other types of bank statements.

**Terminal authorisations (S031).** Includes authorisations on both private and corporate customers' cards. In terminal authorisations, report the number of automatic authorisation requests made by payment terminals and authorisation requests made by merchant/retail cashier at payment terminals. The number of authorisation requests is reported in this field, not the responses. The number of authorisation requests is reported by the issuer of the card.

**Phone authorisations (S032).** Includes authorisations on both private and corporate customers' cards. In phone authorisations, report the number of authorisation requests made over the telephone. The number of authorisation requests is reported by the issuer of the card.



Financial Statistics and Statistics Department

Financial Statistics Office

28.5.2021

Public

**Online banking agreements (S040).** Includes data concerning personal customers and self-employed persons. In online banking agreements, report the total number of online banking agreements of all personal customers and self-employed persons without a business ID. Inactive agreements must also be reported.

**Mobile banking service users (S041)** Includes data concerning personal customers and self-employed persons. Mobile banking service user refers to personal customers and self-employed persons without a business ID who have adopted a mobile banking solution.

E-invoicing

**E-invoice receiver messages (S051).** Includes data concerning personal customers and self-employed persons. E-invoice receiver message refers to messages submitted by personal customers on the receipt of an e-invoice. The messages are reported by the payer's PSP and the figure must cover all valid messages, including those made in previous years.

**Direct payment instructions (S052).** Includes data concerning personal customers and self-employed persons. A direct payment is a service that replaces e-invoice for customers who do not have access to online banking. Direct payment instruction refers to an instruction given by a customer to the bank to implement direct payment for invoices from specific creditors. Direct payment instructions are reported by the payer's PSP and the figure must cover all valid messages, including those made in previous years.

**Online invoice receiver agreements (S061).** Includes data concerning corporate customers. Online invoice receiver agreement refers to an agreement between a company and a bank to receive online invoices. The figures are reported by the company's PSP and must cover all valid agreements, including those made in previous years.

**Online invoice sender agreements (S062).** Includes data concerning corporate customers. Online invoice sender agreement refers to an agreement between a company and a bank to send online invoices (B2B and B2C). The figures are reported by the company's PSP and must cover all valid agreements, including those made in previous years.



Financial Statistics and Statistics Department

Financial Statistics Office

28.5.2021

Public

**SDD agreements by creditors (S063).** Includes data concerning corporate customers. SSD agreements by creditors refer to agreements made by creditors with banks to implement a SEPA direct debit service. The figures are reported by the creditor's PSP and must cover all valid agreements, including those made in previous years.

**Online invoices sent (S070).** Includes data concerning corporate customers, personal customers and self-employed persons. An online invoice is based on the Finnish electronic invoicing model (online invoice or e-invoice). Online invoices sent include only online invoices sent by banks' own customers and online invoices sent via operators. Invoicing notifications are not reported. In addition, attachment messages are not reported; only the related e-invoices are reported (attachment message + online invoice = 1 online invoice. Does not include direct payments, as these are reported under direct payment instructions (SO52).