Data distribution – Schemas – All payers 2025

Incomes Register Unit

Version history

Version	Date	Description
1.0	10/8/2025	The version for 2025 published.
		New schema created.

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CONTENTS

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1 GENERAL

1.1 Schema

A summary of the identifiers of the payer, substitute payer and actual employer who have submitted declarations to the Incomes Register during the period of the payment date is provided by the Incomes Register under schema WageReportPayersFromIR.

The namespaces of the schema are the following:

File name	Prefix	Namespace
	xmlns:xs	http://www.w3.org/2001/XMLSchema
WageReportPayersFromIR.xsd	xmlns:wrpfir	http://www.tulorekisteri.fi/2025/1/WageReportPayersFromIR
WageReportPayersFromIRTypes.xsd	xmlns:wrpfirt	http://www.tulorekisteri.fi/2025/1/WageReportPayersFromIRTypes
IRCommonTypes.xsd	xmlns:irct	http://www.tulorekisteri.fi/2017/1/IRCommonTypes
xmldsig-core-schema.xsd	xmlns:ds	http://www.w3.org/2000/09/xmldsig#

1.2 Character set

The schemas of the Incomes Register use UTF-8, which is the default character set of XML. The file must not contain the Byte Order Mark (BOM) character.

The following table presents the requirements on the conversion of special characters appearing in messages.

Character	Description	Presentation format as an entity
&	ampersand	& conversion is mandatory
<	less than	< conversion is mandatory
>	greater than	> conversion is not mandatory, but conforms with best practices
'	apostrophe	' conversion is not mandatory, but conforms with best practices
"	quotation mark	" conversion is not mandatory, but conforms with best practices

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--	double hyphen	This character must not appear in an XML file
/*	slash asterisk	This character must not appear in an XML file
&#	ampersand hash	This character must not appear in an XML file

A limited character set is allowed for **reference data.** The allowed characters for the reference data listed below are the numbers 0-9, the letters a-z and A-Z and the symbols "_" and "-".

- Record owner's record reference (DeliveryId)
- Payer's report reference (ReportId)
- Subscriber's primary subscription reference (MainSubscriptionId)
- Subscriber's secondary subscription reference (SubscriptionId)
- Sender's message reference (MessageId)

In the following data items, upper and lowercase characters are significant:

- Country codes in all data groups (for example, "DE" is interpreted to be a different code than "De").
- Customer identifiers in all data groups (for example, "150172-999H" is interpreted as a different identifier to "150172-999h").

1.3   Dates and times

Dates (data type xs:date) must not include time zone information. Example of a date:

<StartDate>2017-05-11</StartDate>

Data elements containing times of day (data types xs:dateTime and xs:time) must include the time zone.

Example in the Finnish time zone (standard time, UTC+2):

<Timestamp>2017-05-11T08:00:00+02:00</Timestamp>
<Time>08:00:00+02:00</Time>

Example in UTC time (UTC+0):

<Timestamp>2017-05-11T6:00:00Z</Timestamp>
<Time>06:00:00Z</Time>

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1.4 Document reading instructions

The 0 marking in the bottom right corner of the elements in the document's diagrams .. The ∞ marking means that an element can be repeated several times and can also be absent altogether. Marking 1 .. The ∞ marking means that the element may appear several times but it must always appear at least once. The mandatory elements are highlighted with a solid border line and voluntary elements with a dashed border line.

In the document tables, the mandatory or voluntary nature of the elements is depicted with the following markings:

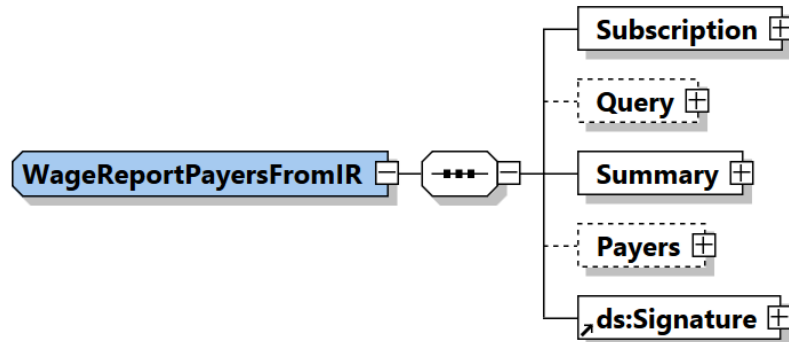| V/M	Description
V	The element is always voluntary. Data groups and data items marked as voluntary are included in the queried record if they contain data (data has been submitted in a report or it is data generated by the Incomes Register) and are included in the data access profile used to query the record.
M	The element is always included if its "parent element" is included.

In some elements, messages use a limited range of values, i.e. codes. The possible values for these codes are described in the "Codes" and "Earnings – Codes – Income types" documents. This document uses the term "codes" to refer to the values presented in the codesets.

In this document, the data type of the data group is primarily a character string (e.g. irct:String200). If an optically read field cannot be interpreted due to an unclear entry or an incorrect value, the value "?" is entered into the field.

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2   EARNING PAYMENT REPORTS – ALL PAYERS (WAGEREPORTPAYERSFROMIR)

The database contains the identifiers of the payer, the substitute payer and the actual employer who submitted declarations to the Incomes Register at the time of the payment date. The general structure of a record distributed from the Incomes Register is as follows:

Data group name	Type	V/M
Record subscription details (Subscription)	wrpfirt:Subscription	M
Query details (Query)	wrpfirt:Query	V
Payer details (Payers)	wrpfirt:Payers	V
Signature (Signature)	xsig:SignatureType	M

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Data group details:

Record name	Type	Allowed values	V/M	Processing rule
Record subscription details (Subscription)	wrpfirt:Subscription		M	This data group is used to distribute information related to a record subscription.
Query details (Query)	wrpfirt:Query		V	This data group is used to distribute information related to a query.
Query summary data (Summary)	ldt:Summary		M	This data group is used to distribute summary information related to a query.
Payer details (Payers)	wrpfirt:Payers		V	This data group is used to distribute information related to payers' identifiers.
Signature (Signature)	xsig:SignatureType		M	The electronic signature of the record is delivered in this data group.

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2.1   Record subscription details (Subscription)

Data group details:

Record name	Type	Allowed values	V/ M	Processing rule
Record subscription details (Subscription)	wrpfirt:Subscription		M	This data group is used to distribute information related to a record subscription.
Record type (QueryDataType)	xs:int	Codes: QueryDataType	M	Information provided in a record subscription.
Production environment (ProductionEnvironment)	irct:trueOrFalse	Codes: ProductionEnvironment	M	Information provided in a record subscription.
Incomes Register primary subscription reference (IRMainSubscriptionId)	irct:Guid		V	The Incomes Register primary subscription reference for the primary subscription based on which the record was queried.

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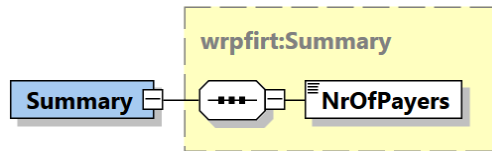| Record name	Type	Allowed values	V/ M	Processing rule
Incomes Register secondary subscription reference (IRSubscriptionId)	irct:Guid		V	The Incomes Register secondary subscription reference for the secondary subscription based on which the record was queried.
Subscriber's primary subscription reference (MainSubscriptionId)	irct:String40		V	The subscriber's primary subscription reference for the primary subscription based on which the record was queried.
Subscriber's secondary subscription reference (SubscriptionId)	irct:String40		V	The subscriber's secondary subscription reference for the secondary subscription based on which the record was queried.

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2.2   Query details (Query)
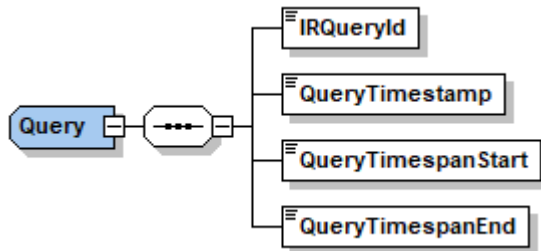
Data group details:

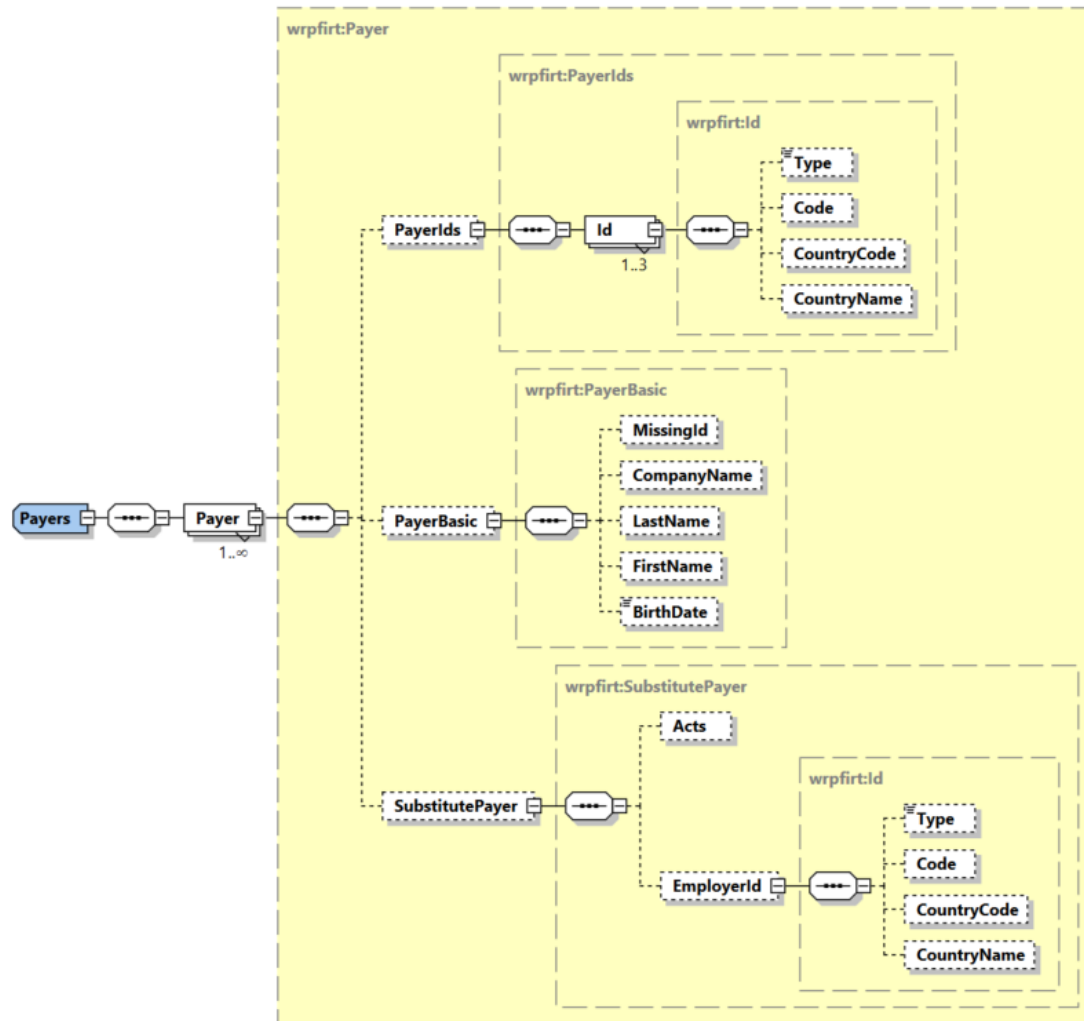| Record name	Type	Allowed values	V/ M	Processing rule
Query details (Query)	wrpfirt:Query		V	This data group is used to distribute information related to a query.
Incomes Register query reference (IRQueryId)	irct:Guid		M	The reference assigned by the Incomes Register to the queried record. The reference uniquely identifies every record queried from the Incomes Register.
Query time (QueryTimestamp)	xs:dateTime		M	The date and time when the record was queried.
Start of the query time range for changes QueryTimespanStart)	xs:dateTime		M	The record includes data changed since this date and time.
End of the query time range for changes (QueryTimespanEnd)	xs:dateTime		M	The record includes data changed up to this date and time.

2.3 Query summary data (Summary)

Data group details:

Record name	Type	Allowed values	V/ M	Processing rule
Query summary data (Summary)	ldt:Summary		M	This data group is used to distribute summary information related to a query.
The number of queried items (NrOfPayers)	xs:int		M	The number of queried payers.

2.4 Payer details (Payers)

Data group details:

Record name	Type	Allowed values	V/ M	Processing rule
Payer details (Payers)	wrpfirt:Payers		V	
Payer details (Payer)	wrpfirt:Payer			
Payer identifiers (PayerIds)	wrpfirt:PayerIds		V	
Payer's ID (Id)	wrpfirt:Id		M	A payer can have up to three identifiers.
Identifier type (Type)	xs:int	Codes: IdType	V	
Identifier (Code)	irct:String30		V	
Country code (CountryCode)	irct:String2	A two-character code in accordance with the ISO 3166 country codes. If the country is unknown, the value is "99".	V	
Country name (CountryName)	irct:String70		V	
Basic payer details (PayerBasic)	wrpfirt:PayerBasic		V	
The payer does not have a customer ID (MissingId)	irct:true	"true"	V	
Company name (CompanyName)	irct:String200		V	
Last name (LastName)	irct:String200		V	
First Name (FirstName)	irct:String100		V	
Date of birth (BirthDate)	xs:date		V	
Substitute payer (SubstitutePayer)	wrpfirt:SubstitutePayer		V	Data groups or data marked as voluntary within the data group will be returned if they were provided in the notification used for data extraction.
Acts as a substitute payer (Acts)	irct:true	"true"	V	

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Record name	Type	Allowed values	V/M	Processing rule
Employer identifier (EmployerId)	wrpfirt:Id		V	
Identifier type (Type)	xs:int	Codes: IdType	V	
Identifier (Code)	irct:String30		V	
Country code (CountryCode)	irct:String2	A two-character code in accordance with the ISO 3166 country codes. If the country is unknown, the value is "99".	V	
Country name (CountryName)	irct:String70		V	

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