

Import Specifications

The table below contains a list of import maps, used by clients of Citibank Kazakhstan:

Map Name	Map Description
C CDFF CIS	Import of Kazakh Domestic Funds Transfers/ Cross Border Funds Transfers/ Book Transfers
C PAY CARDS KZ v3	Import of Payroll Cards Fund Transfers
C PSST KZ	Import of Pension, Social and Salary Transfers
C MIGRATION KZ	Import of Preformats to the library

File Type

The CitiDirect® Flat File (CDFF) format is a delimited flat file format, using a “#” as a field delimiter and “CRLF” (Carriage Return Line Feed) as a record delimiter. The import file must adhere to specific requirements for the placement of fields within a record, and for the contents of the field. These requirements are set out below.

Standard Character Set

Permitted characters:

Alphabetical	A – Z, a – z		
Numeric	0 – 9		
Control Characters	CR	Carriage Return	
	LF	Line Feed	
Special Characters	?	Question Mark	
	,	Comma	
	(Left Parenthesis	
)	Right Parenthesis	
	.	Period	
	+	Plus Sign	
	'	Apostrophe	
	Blank		

Non-permitted characters

Special Characters	/	Slash	Must not be the first or last character in any field used to hold or generate a Transaction Reference or Related Reference Number
	//	Double Slash	Must not be present in any field used to hold or generate a Transaction Reference Number or Related Reference Number
	-	Hyphen	Must not be used as the first character in a line of a field
	:	Colon	Must not be used as the first character in any field used to hold or generate Bank Details (SWIFT Field 72)
	`	Grave Accent	
	!	Exclamation Mark	
	\$	Dollar Sign	
	&	Ampersand	
	¬	Not Sign	
	“	Quotation Mark	
	%	Percent Sign	
	*	Asterisk	
		Broken Bar	
	£	Pound Sign	
	^	Circumflex Accent	
	_	Underscore	
	=	Equals Sign	
	}	Right Brace	
	@	Commercial At Sign	
		Vertical Line	
>	Greater Than Sign		
{	Left Brace		
]	Right Square Bracket		

	~	Tilde	Must not be used because this sign will be used as a field delimiter while processing payment on backend systems
	\	Reverse Solidus	
	[Left Square Bracket	
	;	Semicolon	
	#	Number Sign	Must not be used within filed values in import file because this sign is a field delimiter while importing file to CitiDirect
	<	Less Than Sign	

Legend

Necessity legend:

R – Required field
O – Optional field
C – Conditional field
N – Null (do not use)

Supported languages legend:

L – Latin
C – Cyrillic

Size/Type legend:

9N – 9-digit length numeric field
16.2N – 18-digit length numeric field with 16 digits before and 2 digits after decimal point
3C – 3-character length character field
35X – 35-character length mixed field (character and digit)

Due to word wrapping sample files are shown on several lines. In an actual file each record will be contained in one line. Import specifications are present in a table below.

Kazakh Domestic Funds Transfer

Field Seq.	Field Name	Necessity	Size/Type	Supported languages	Value/Business Rules
1	Field delimiter	N	1#		#
2	Country code	R	2C	L	Must be "KZ"
3	Field delimiter	N	1#		#
4	Payment method	R	3C	L	Must be "DFT"
5	Field delimiter	N	1#		#
6	Value date	R	8N		Date must be current business date in YYYYMMDD format
7	Field delimiter	N	2#		##
8	Preformat Group Code	O	16X	L	
9	Field delimiter	N	1#		#
10	Preformat Code	O	35X	L	
11	Field delimiter	N	2#		##
12	Payment currency	R	3C	L	Must be "KZT"
13	Field delimiter	N	1#		#
14	Payment amount	R	16.2N		Amount can be inputted with leading zeros if it fit into field length
15	Field delimiter	N	2#		##
16	Debit account number	R	9N		Account number in Citibank Kazakhstan format
17	Field delimiter	N	13#		#####
18	Transaction reference number	R	10X	L	CitiDirect doesn't check for uniqueness of this field
19	Field delimiter	N	2#		##
20	Confidential	R	1C	L	Valid values: "Y" – the payment is confidential "N" – the payment is non confidential
21	Field delimiter	N	17#		#####
22	Beneficiary account number	R	9N		Account number in NBK format
23	Field delimiter	N	1#		#
24	Beneficiary name	R	35X	L / C	
25	Field delimiter	N	2#		##
26	Beneficiary address (1st line)	O	35X	L / C	
27	Field delimiter	N	1#		#
28	Beneficiary address (2nd line)	O	35X	L / C	
29	Field delimiter	N	3#		###
30	Beneficiary bank routing code (BIC)	R	9N		
31	Field delimiter	N	21#		#####
32	Payment details (1st line)	O	64X	L / C	
33	Field delimiter	N	1#		#
34	Payment details (2nd line)	O	64X	L / C	
35	Field delimiter	N	1#		#
36	Payment details (3rd line)	O	64X	L / C	
37	Field delimiter	N	1#		#
38	Payment details (4th line)	O	64X	L / C	
39	Field delimiter	N	1#		#
40	Budget code	O	6N		For payments in Tax Committee
41	Field delimiter	N	1#		#
42	Payment ID code	R	10X	L	Contain a value in the format: <Remitter code>+<Beneficiary code>+<Currency code>+<Payment details code> Example: 1727KZT710
43	Field delimiter	N	1#		#
44	VAT indicator	O	1C	L	Valid values: "Y" – VAT is included null – VAT is not included 'VAT indicator' is optional field and 'VAT amount' is conditional field. When 'VAT indicator' contains "Y" then 'VAT amount' becomes mandatory field.

45	Field delimiter	N	1#		#
46	VAT amount	C	11.2N		null – VAT amount is not included. 'VAT indicator' is optional field and 'VAT amount' is conditional field. When 'VAT indicator' contains "Y" then 'VAT amount' becomes mandatory field.
47	Field delimiter	N	1#		#
48	Beneficiary tax code	R	12N		
49	Record separator				Carriage return + Line feed

Sample import files:

```
#KZ#DFT#20051221#####KZT#99999999.99##700000001#####aaaaaa0001##Y#####
000573786#Наименование тестового получателя##Адрес тестового получателя 1 строка#Адрес тестового
получателя 2 строка###190501794#####Детали тестового платежа 1 строка#Детали
тестового платежа 2 строка#Детали тестового платежа 3 строка#Детали тестового платежа 4
строка##1717KZT710#Y#14999999.99#600500521691
```

```
#KZ#DFT#20070720###PREFORMAT CODE
1##KZT#11111111.11##700000001#####aaaaaa0001#####
#####pmnt det, line 1, up to 64 chars#pmnt det, line 2, up to 64
chars####1717KZT859#Y#2222.22#600900800700
```

Cross Border Funds Transfer

Field Seq.	Field Name	Necessity	Size/Type	Supported languages	Value/Business Rules
1	Field delimiter	N	1#		#
2	Country code	R	2C	L	Must be "KZ"
3	Field delimiter	N	1#		#
4	Payment method	R	3C	L	Must be "EFT"
5	Field delimiter	N	1#		#
6	Value date	R	8N		Date must be current business date in YYYYMMDD format
7	Field delimiter	N	2#		##
8	Preformat Group Code	O	16X	L	
9	Field delimiter	N	1#		#
10	Preformat Code	O	35X	L	
11	Field delimiter	N	2#		##
12	Payment currency	R	3C	L	
13	Field delimiter	N	1#		#
14	Payment amount	R	16.2N		Amount can be inputted with leading zeros if it fit into field length
15	Field delimiter	N	2#		##
16	Debit account number	R	9N		Account number in Citibank Kazakhstan format
17	Field delimiter	N	10#		#####
18	Charges indicator	R	3C	L	Valid values: "BEN" – beneficiary "OUR" or null – our "SHR" – shared
19	Field delimiter	N	3#		###
20	Transaction reference number	R	16X	L	CitiDirect doesn't check for uniqueness of this field
21	Field delimiter	N	2#		##
22	Confidential	R	1C	L	Valid values: "Y" – the payment is confidential "N" – the payment is non confidential
23	Field delimiter	N	17#		#####
24	Beneficiary account number	R	34X	L	
25	Field delimiter	N	1#		#
26	Beneficiary name	R	35X	L	
27	Field delimiter	N	2#		##
28	Beneficiary address (1st line)	O	35X	L	
29	Field delimiter	N	1#		#
30	Beneficiary address (2nd line)	O	35X	L	
31	Field delimiter	N	1#		#
32	Beneficiary address (3rd line)	O	35X	L	
33	Field delimiter	N	1#		#
34	Beneficiary bank routing method	O	2C	L	Valid values: Blank "IS" – SWIFT "CP" - Chips participant identifier "CH" - Chips universal identifier "FW" - Fedwire routing number)
35	Field delimiter	N	1#		#
36	Beneficiary bank routing code	O	11X	L	SWIFT code, CHIPS code, etc. Only uppercase characters are allowed.
37	Field delimiter	N	4#		####
38	Beneficiary bank name	R	35X	L	
39	Field delimiter	N	1#		#
40	Beneficiary bank address (1st line)	R	35X	L	
41	Field delimiter	N	1#		#
42	Beneficiary bank address (2nd line)	O	35X	L	
43	Field delimiter	N	1#		#

44	Beneficiary bank address (3rd line)	O	35X	L	
	Field delimiter	N	1#		#
	First Intermediary bank routing method	O	2C	L	Valid values: Blank "IS" – SWIFT "CP" - Chips participant identifier "CH" - Chips universal identifier "FW" - Fedwire routing number)
	Field delimiter	N	1#		#
	First Intermediary bank routing code	O	11X	L	SWIFT code, CHIPS code, etc. Only uppercase characters are allowed.
	Field delimiter	N	1#		#
	First Intermediary bank name	R	35X	L	
	Field delimiter	N	1#		#
	First Intermediary bank address (1st line)	R	35X	L	
	Field delimiter	N	1#		#
	First Intermediary bank address (2nd line)	O	35X	L	
	Field delimiter	N	1#		#
	First Intermediary bank address (3rd line)	O	35X	L	
45	Field delimiter	N	8#		#####
46	Payment details (1st line)	O	35X	L	
47	Field delimiter	N	1#		#
48	Payment details (2nd line)	O	35X	L	
49	Field delimiter	N	1#		#
50	Payment details (3rd line)	O	35X	L	
51	Field delimiter	N	1#		#
52	Payment details (4th line)	O	35X	L	
53	Field delimiter	N	1#		#
54	Constant	R		L	Valid values: "NOADVISE"
55	Field delimiter	N	1#		#
56	Payment ID code	R	10X	L	Contain a value in the format: <Remitter code>+<Beneficiary code>+<Currency code>+<Payment details code> Example: 2717USD710
57	Field delimiter	N	2#		##
58	Charges account	O	9N		Account number in Citibank Kazakhstan format
59	Field delimiter	N	2#		##
60	Constant	R		L	Valid values: "Not a Bank"
61	Record separator				Carriage return + Line feed

Sample import file:

```
#KZ#EFT#20051221#####USD#9999999.99##700000028#####OUR###aaaaaaaa0000001##Y#####
#####Test Beneficiary Account No 123456#Test Beneficiary Name##Test Beneficiary Address 1st line#Test
Beneficiary Address 2nd line#Test Beneficiary Address 3rd line#IS#ABNAESMMMAD####Test Beneficiary Bank
Name#Test Beneficiary Bank Addr 1st line#Test Beneficiary Bank Addr 2nd line#Test Beneficiary Bank Addr 3rd
line#####Payment Details 1st line#Payment Details 2nd line#Payment Details 3rd line#Payment Details
4th line#NOADVISE#1717USD710##700000028##Not a Bank
```

Payroll Cards Fund Transfers

Field Seq.	Field Name	Necessity	Size/Type	Supported languages	Value/Business Rules
1	Debit account number	R	9N		Citibank Kazakhstan internal account
2	Field delimiter	N	1#		#
3	Payment currency	R	3C	L	
4	Field delimiter	N	1#		#
5	Value date	R	8X		Date must be current business date in DD/MM/YY format
6	Field delimiter	N	1#		#
7	Transaction reference number	R	16X	L	
8	Field delimiter	N	1#		#
9	Payment amount	R	19.2N		Consolidated payment amount equal to the sum of all payroll amounts
10	Field delimiter	N	1#		#
11	Remitter code	R	2X		17 – resident 27 – non-resident or any other correct value
12	Field delimiter	N	1#		#
13	Beneficiary code	R	2X		For payroll cards: 19 – resident 29 – non-resident For corporate cards: - the same as Remitter code
14	Field delimiter	N	1#		#
15	Beneficiary account number	R	10N		Citibank Kazakhstan internal consolidated card account "1" is the first digit for the payroll cards "0" is the first digit for the corporate cards
16	Field delimiter	N	1#		#
17	Beneficiary name	R	70X	L / C	
18	Field delimiter	N	1#		#
19	Payment details code	R	3N		311 – salary, advance (prepayment) 321 – corporate cards 870 – business trip
20	Field delimiter	N	1#		#
21	Payment details	R	64X	L / C	
22	Header separator	N			Carriage return + Line feed
1	1 st employee Payroll ID	R	20X	L / C	16-digit card number
2	Field delimiter	N	1#		#
3	1 st employee First name	O	23X	L / C	
4	Field delimiter	N	1#		#
5	1 st employee Last name	O	23X	L / C	
6	Field delimiter	N	1#		#
7	1 st employee Payroll amount	R	14.2N		
8	Record separator	N			Carriage return + Line feed
1	2 nd employee Payroll ID	R	16N		
2	Field delimiter	N	1#		#
3	2 nd employee First name	O	23X	L / C	
4	Field delimiter	N	1#		#
5	2 nd employee Last name	O	23X	L / C	
6	Field delimiter	N	1#		#
7	2 nd employee Payroll amount	R	14.2N		
8	Record separator	N			Carriage return + Line feed

Sample import file:

70000001#KZT#21/12/05#AAAAAAAAA0000009#99999999.99#17#29#1250160026#Наименование тестового получателя Пластиковые Карточки#311#Детали тестового платежа
4444340221210001#Имя Сотрудника#Фамилия Сотрудника#88888888.88
4444340221210002#Имя Сотрудника#Фамилия Сотрудника#11111111.11

Pension, Social and Salary Transfers

Field Seq.	Field Name	Necessity	Size/Type	Supported languages	Value/Business Rules
1	Payment type	R	1C	L	Valid values: "P" – pension "S" – social "Z" – salary
2	Field delimiter	N	1#		#
3	Debit account number	R	9N		Account number in Citibank Kazakhstan format
4	Field delimiter	N	1#		#
5	Payment currency	R	3C	L	Must be "KZT"
6	Field delimiter	N	1#		#
7	Payment amount	R	12.2N		Consolidated payment amount equal to the sum of all payroll amounts
8	Field delimiter	N	1#		#
9	Transaction reference number	R	10X	L / C	
10	Field delimiter	N	1#		#
11	Value date	R	8N		Date must be current business date in YYYYMMDD format
12	Field delimiter	N	1#		#
13	Beneficiary tax code	R	12N		
14	Field delimiter	N	1#		#
15	Payment details code	R	3N		010 – pension 012 – social
16	Field delimiter	N	1#		#
17	Payment details (1st line)	R	64X	L / C	
18	Field delimiter	N	1#		#
19	Payment details (2nd line)	O	64X	L / C	
20	Field delimiter	N	1#		#
21	Payment details (3rd line)	O	64X	L / C	
22	Field delimiter	N	1#		#
23	Payment details (4th line)	O	64X	L / C	
24	Field delimiter	N	1#		#
25	Period	R	7X		Month and year of the payment in MM/YYYY format
26	Field delimiter	N	1#		#
27	Beneficiary account number	O	9N		
28	Header separator	N			Carriage return + Line feed
1	1st employee Last name	R	35X	L / C	
2	Field delimiter	N	1#		#
3	1st employee Old last name	O	35X	L / C	
4	Field delimiter	N	1#		#
5	1st employee First name	R	35X	L / C	First name/Old first name
6	Field delimiter	N	1#		#
7	1st employee Patronymic	O	35X	L / C	Patronymic/Old patronymic
8	Field delimiter	N	1#		#
9	1st employee birth date	C	8N		Date of birth in YYYYMMDD format. For Pension and Social – mandatory field For Salary – optional field
10	Field delimiter	N	1#		#
11	1st employee tax code	O	12N		
12	Field delimiter	N	1#		#
13	1st employee account number	O	16X	L	
14	Field delimiter	N	1#		#
15	1st employee SIC	O	16X	L	
16	Field delimiter	N	1#		#
17	1st employee amount	R	12.2N		
18	Field delimiter	N	1#		#
19	1st employee details	O	256X		

20	Record separator	N			Carriage return + Line feed
1	2nd employee Last name	R	35X	L / C	
2	Field delimiter	N	1#		#
3	2nd employee Maiden name	O	35X	L / C	
4	Field delimiter	N	1#		#
5	2nd employee First name	R	35X	L / C	
6	Field delimiter	N	1#		#
7	2nd employee Patronymic	O	35X	L / C	
8	Field delimiter	N	1#		#
9	2nd employee birth date	C	8N		Date of birth in YYYYMMDD format. For Pension and Social – mandatory field For Salary – optional field
10	Field delimiter	N	1#		#
11	2nd employee tax code	O	12N		
12	Field delimiter	N	1#		#
13	2nd employee account number	C	16X	L	Field is mandatory and is used only for Salary
14	Field delimiter	N	1#		#
15	2nd employee SIC	C	16X	L	Field is mandatory and is used only for Pension and Social
16	Field delimiter	N	1#		#
17	2nd employee amount	R	12.2N		
18	Field delimiter	N	1#		#
19	2nd employee details	O	256X		
20	Record separator	N			Carriage return + Line feed

Sample import file:

R#700000001#KZT#2.00#1#20060731#600400073391#010#ОПВ 10%#за июль###02/2006#123456789

ФАМИЛИЯ#ФАМПРИРЕГИСТРАЦИИ#ИМЯ/ИМЯ1#/ОТЧЕСТВО1#19700701#600400073391##YWGSWASRTC
1WQ00Q#1.00#ПЕРЕВОД ПЕНС. НАКОПЛЕНИЙ

ИВАНОВ##ИВАН/ИВАНОВИЧ#19650130#600400073391##YWGSWASRTC1WQ00Q#1.00