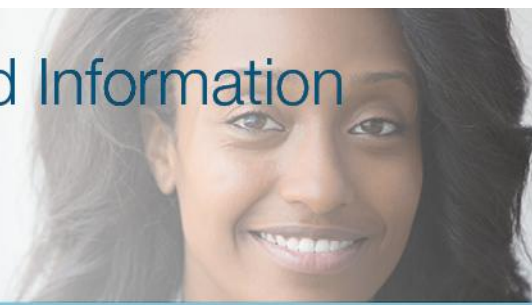


# MediKredit NAPPI Changes and Information

Circular Number: N035/2017  
Circular Date: 07 December 2017  
Effective Date: 01 March 2018



## Important Notice

### INTERPRETATION OF TECHNICAL GUIDELINES: EXPANSION OF THE NAPPI CODE TO 7 DIGITS

MediKredit has received several queries around the interpretation of the technical guidelines document and there seems to be confusion around the existing 6-digit NAPPI codes and its representation within specific file layouts.

The intention of this Circular is to clarify the interpretation of the “**Technical Guidelines for Expansion of NAPPI to 7 Digits**” that has been published by MediKredit.

Please ensure you forward this Circular to your technical team responsible for the system changes to accommodate the expanded 7-digit NAPPI code.

#### Interpretation Guidelines

It is important to note that the value of specific data elements may appear differently when populated in certain types of file layouts, specifically fixed format file layouts.

The existing 6-digit NAPPI codes will not change in any way or be padded to make it a 7-digit code however when it appears in fixed format file layouts, it may be padded to appear as a 7-digit code to conform to the requirements of that file layout.

To clarify the above, please refer to the example provided below.

#### Sample Data

For the purposes of this explanation, two products will be used:

- An existing 6 digit NAPPI code 752274 (Panado)

7	5	2	2	7	4
---	---	---	---	---	---

- A new 7-digit NAPPI code 8456224 allocated to Product X on or after 1 March 2018

8	4	5	6	2	2	4
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#### Explanation

##### 1. Fixed Format Files

A fixed format file contains data values that start and end in fixed positions within the physical file. A NAPPI code within a fixed format file may be defined as numeric or alphanumeric or any other data type.

We would need to represent the existing 6-digit NAPPI codes and new 7-digit NAPPI codes in a 7-positional data field.

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### Numeric Data Type within Fixed Format Files

If the fixed format file defines the NAPPI code field as numeric, then as required by fixed format file layouts for numeric fields, a leading 0 is padded to the existing 6-digit NAPPI code to represent it within the 7-numeric long field.

Therefore, the existing 6-digit NAPPI code for Panado in a numeric fixed format positional field will be represented as follows:

Position 1	Position 2	Position 3	Position 4	Position 5	Position 6	Position 7
0	7	5	2	2	7	4

By adding the leading zero to the existing 6-digit NAPPI code within a numeric field, **it in no way changes the actual 6-digit NAPPI code.**

Extracting systems using the fixed format file layout as an input source would know that when a leading zero exists within a 7-numeric NAPPI code defined source field, then this is an existing 6-digit NAPPI code.

The new 7-digit NAPPI code for Product X in a numeric fixed format positional field will be represented as follows:

Position 1	Position 2	Position 3	Position 4	Position 5	Position 6	Position 7
8	4	5	6	2	2	4

The new 7-digit NAPPI codes that will be allocated on or after 1 March 2018 will never start with a leading zero therefore can never be confused with an existing 6-digit NAPPI code.

### Alphanumeric Data Type within Fixed Format Files

If the fixed format file defines the NAPPI code field as alphanumeric or any other data type other than numeric, then as required by fixed format file layouts for alphanumeric fields, a "trailing space" is appended to the existing 6-digit NAPPI code to represent it within the 7-long alphanumeric field.

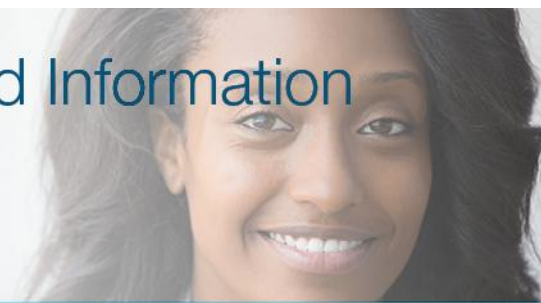
Therefore, the existing 6-digit NAPPI code for Panado in an alphanumeric fixed format positional field will be represented as follows.

Position 1	Position 2	Position 3	Position 4	Position 5	Position 6	Position 7
7	5	2	2	7	4	space

By adding the trailing space to the existing 6-digit NAPPI code within an alphanumeric field, **it in no way changes the actual 6-digit NAPPI code.**

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Extracting systems using the fixed format file layout as an input source would know that when a trailing space exists within a 7-alphanumeric defined source NAPPI field then this is an existing 6-digit NAPPI code.

The new 7-digit NAPPI code for Product X in an alphanumeric fixed format positional field will be represented as follows using up the full 7 positions:

Position 1	Position 2	Position 3	Position 4	Position 5	Position 6	Position 7
8	4	5	6	2	2	4

### 2. All Other File Layouts

For all other file layouts defined, like XML and delimited file structures (e.g. pipe, csv), the actual NAPPI code value will not change in any way irrespective of whether the field is numeric or alphanumeric.

Therefore, the existing 6-digit NAPPI code for Panado in a numeric or alphanumeric defined field will be represented as is i.e.

7	5	2	2	7	4
---	---	---	---	---	---

And the new 7-digit NAPPI code for Product X in a numeric or alphanumeric defined field will be represented as is i.e.

8	4	5	6	2	2	4
---	---	---	---	---	---	---

For further details relating to this implementation, please refer to the Technical Guidelines document published on the MediKredit website:

[https://www.medikredit.co.za/index.php?option=com\\_content&view=article&id=93&Itemid=213](https://www.medikredit.co.za/index.php?option=com_content&view=article&id=93&Itemid=213)

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