



GRC Database Information
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Postal code formats

NB: Tables are provided as is. The publisher is not responsible or liable for errors or damage resulting from the use of these tables.

Highlighted text indicates additions/alterations since the last document version.

Data is provided in **three** files. The first contains the formatting rules for postal codes in every country with a postal code system. The second contains illegal characters for postal codes. **The third contains regular expressions for validating postal codes for each country.**

Table structure – PCFormat

<i>Field name</i>	<i>Field type</i>	<i>Field length</i>	<i>Contents</i>
COUNTRY	Character	45	The country name in full.
GRCID	Character	3	A unique country code used by GRC Database Information
ISO2	Character	3	The ISO 3166* 2-digit code for this country.
ISO3	Character	3	The ISO 3166* 3-digit code for this country.
ISONUMERIC	Character	3	The ISO 3166* 3-digit numeric code for this country.
LENGTH	Numeric	3	The length of the postal code string
CORRECT	Logical	1	.T. indicates that this is a postally correct postal code format. .F. indicates that this is a format commonly written, but not postally correct
PATTERN1	Character	1	A code indicating the type of character expected in the first position of the postal code. For explanation, see key below.
PATTERN2	Character	1	A code indicating the type of character expected in the second position of the postal code. For explanation, see key below.

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PATTERN3	Character	1	A code indicating the type of character expected in the third position of the postal code. For explanation, see key below.
PATTERN4	Character	1	A code indicating the type of character expected in the fourth position of the postal code. For explanation, see key below.
PATTERN5	Character	1	A code indicating the type of character expected in the fifth position of the postal code. For explanation, see key below.
PATTERN6	Character	1	A code indicating the type of character expected in the sixth position of the postal code. For explanation, see key below.
PATTERN7	Character	1	A code indicating the type of character expected in the seventh position of the postal code. For explanation, see key below.
PATTERN8	Character	1	A code indicating the type of character expected in the eighth position of the postal code. For explanation, see key below.
PATTERN9	Character	1	A code indicating the type of character expected in the ninth position of the postal code. For explanation, see key below.
PATTERN10	Character	1	A code indicating the type of character expected in the tenth position of the postal code. For explanation, see key below.

Key for fields PATTERN1-10:

- . = place contains a full stop
- = place contains a hyphen
- C = place contains a capital letter (A-Z)
- N = place contains a number (0-9)
- W = place contains a space

Table structure – PCExceptions

<i>Field name</i>	<i>Field type</i>	<i>Field length</i>	<i>Contents</i>
COUNTRY	Character	45	The country name in full.

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GRCID	Character	3	A unique country code used by GRC Database Information
ISO2	Character	3	The ISO 3166* 2-digit code for this country.
ISO3	Character	3	The ISO 3166* 3-digit code for this country.
ISONUMERIC	Character	3	The ISO 3166* 3-digit numeric code for this country.
EXCEPTION	Character	10	A string which is NOT valid when found in position <i>position</i> in the postal code of this country
POSITION	Numeric	1	The start position from the left of the postal code in which <i>exception</i> is found.

Table structure – Regex.xlsx

<i>Field name</i>	<i>Field type</i>	<i>Contents</i>
ISO2	Character	The ISO 3166* 2-digit code for this country.
COUNTRY	Character	The country name in full.
REGEX	Character	The regular expression for postal codes for this country

End

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