



# POSTAL BOX DATA PRODUCT TECHNICAL SPECIFICATIONS

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## INTRODUCTION

Canada Post provides an electronic version of the Postal Box Data available in Canada. There are four (4) versions of the of the Postal Box Data product available: 1) Lock Boxes, 2) Parcel Locker Boxes, 3) Post Office Boxes, or 4) All Postal Boxes (Lock Boxes, Parcel Locker Boxes, and Post Office Boxes).

Each data product contains the postal codes for the type of postal box selected, as well as the quantity / count of addresses for the selected type per postal code. The data files are not mutually exclusive; postal codes may appear in one or more data product versions, as applicable.

## GENERAL SPECIFICATIONS

### Media

The **Postal Box Data** can be downloaded from the Canada Post FTP site with a user ID and password supplied by Canada Post

## FILE DESCRIPTIONS

The **Postal Box Data** product is available in four (4) different versions; each version contains one file.

### 1) Lock Box Data

The Lock Box Data file contains all the valid postal codes in the country that have Lock Box installations, as well as the count of Lock Box addresses per postal code.

### 2) Parcel Locker Box Data

The Parcel Locker Box Data file contains all the valid postal codes in the country that have Parcel Locker Box installations, as well as the count of addresses that have access to a Parcel Locker Box per postal code.

### 3) Post Office Box Data

The Post Office Box Data file contains all the valid postal codes in the country that have Post Office Box installations, as well as the count Post Office Box addresses per postal code.

### 4) Postal Box Data

The Postal Box Data file contains all the valid postal codes in the country that have Lock Box, Parcel Locker Box, or Post Office Box installations, as well as the count of addresses for each postal box type per postal code.

## FILE SPECIFICATIONS

### *Lock Box Data File*

Field Format:	Comma delimited fields
Record format:	CRLF delimited rows
File name:	lockboxes_<<date>>.csv

### *Parcel Locker Data File*

Field Format:	Comma delimited fields
Record format:	CRLF delimited rows
File name:	parcellockerboxes_<<date>>.csv

### *Post Office Box Data File*

Field Format:	Comma delimited fields
Record format:	CRLF delimited rows
File name:	poboxes_<<date>>.csv

### *Postal Box Data File*

Field Format:	Comma delimited fields
Record format:	CRLF delimited rows
File name:	postalboxdataproduct_<<date>>.csv

## TECHNICAL SPECIFICATIONS

### The Lock Box Data File

This record contains postal codes for Lock Box addresses.

#### *Sort Order*

Postal\_Code

#### Record Descriptions

Field Name	Type	Length
POSTAL_CODE	CHAR	7
COUNTS	INT	N/A

### The Parcel Locker Box Data File

This record contains postal codes for Parcel Locker Box addresses.

#### *Sort Order*

Postal\_Code

#### Record Descriptions

Field Name	Type	Length
POSTAL_CODE	CHAR	7
COUNTS	INT	N/A

### The Post Office Box Data File

This record contains postal codes for Postal Office Box addresses.

#### *Sort Order*

Postal\_Code

#### Record Descriptions

Field Name	Type	Length
POSTAL_CODE	CHAR	7
COUNTS	INT	N/A

### The Postal Box Data File

This record contains postal codes for Lock Box, Parcel Locker Box, and Post Office Box addresses.

#### *Sort Order*

Postal\_Code

#### Record Descriptions

Field Name	Type	Length
POSTAL_CODE	CHAR	7
LBA_COUNTS	INT	N/A
PARCEL_COUNTS	INT	N/A
POBOX_COUNTS	INT	N/A

## DATA DICTIONARY – ELEMENT DESCRIPTIONS

Following will be a listing of all record elements for all record types within the Record Descriptions. Each element will include a brief definition and valid codes where applicable.

### Elements

<b>* POSTAL_CODE</b>	A six character, alphanumeric combination (ANA NAN) assigned to one or more postal box types. The Postal Code is an integral part of every postal address in Canada and is required for the mechanized processing of mail.  <b>*Postal Code is an official mark of Canada Post Corporation.</b>
<b>COUNTS</b>	Count of addresses (includes both residential and business) of selected postal box type per postal code. Applicable to lockboxes_<<date>>.csv, parcellockerboxes_<<date>>.csv, and poboxes_<<date>>.csv files only.
<b>LBA_COUNTS</b>	Count of Lock Box addresses (includes both residential and business) per postal code. Applicable to postalboxdataprodu<>_<<date>>.csv file only.
<b>PARCEL_COUNTS</b>	Count of Parcel Locker Box addresses (includes both residential and business) per postal code. Applicable to postalboxdataprodu<>_<<date>>.csv file only.
<b>POBOX_COUNTS</b>	Count of Post Office Box addresses (includes both residential and business) per postal code. Applicable to postalboxdataprodu<>_<<date>>.csv file only.