



Digital Polling Division
Boundary Files for Canada

Technical Guide

October 2015

Introduction

The digital Polling Division boundary files provided on the DVD-ROM are made available from Elections Canada. The DVD-ROM contains the digital federal electoral districts under the Representation Order of 2013.

CD-ROM Content

EGD Data Layers	Description File Format ESRI Shape
PD_A	Polling Division boundaries

Database Specifications

General

Arc/Info file format:	Version 8 compliant
Precision:	DOUBLE PRECISION
Datum:	NAD83 CNT
Projection:	LAMBERT CONFORMAL
Spheroid:	GRS 1980
Units:	METERS

Projection Parameters

1st standard parallel:	49 0 0.000
2nd standard parallel:	77 0 0.000
Central meridian:	-91 52 0.000
Latitude of projection's origin:	63 23 26.430
False easting (meters):	6200000.00000
False northing (meters):	3000000.00000

Tolerance values

Fuzzy:	0.003
Dangle:	0.000

POLLING DIVISION BOUNDARIES

Layer Name:	PD_A
Layer Feature Description:	Polling Division Boundaries for a Federal Electoral District
Layer Feature type(s):	Polygons

Business Table Description

Table Name:	<i>PD_A</i>
Table Description:	Table containing the Polling Division Polygon attributes.
Table Location	DBF
Related Table(s)	None

Table Definition

ITEM NAME	DATA TYPE
PD_NUM	NUMBER(9)
PD_NBR_SFX	VARCHAR2(6)
PD_TYPE	VARCHAR2(1)
ADV_POLL	VARCHAR2(3)
FED_NUM	NUMBER(9)
EMRP_NAME	VARCHAR2(120)
POLL_NAME	VARCHAR2(100)
ST_ADR_NBR	VARCHAR2(6)
ST_ADR_N_1	VARCHAR2(1)
ST_NME	VARCHAR2(50)
ST_TYP_CDE	VARCHAR2(6)
ST_DRCTN_C	VARCHAR2(3)
FROM_STE_N	VARCHAR2(6)
TO_STE_NBR	VARCHAR2(6)
FROM_FLOOR	VARCHAR2(5)
TO_FLOOR	VARCHAR2(5)
BLDG_NAMEE	VARCHAR2(60)
BLDG_NAMEF	VARCHAR2(60)

Attribute Definition

ITEM NAME	Description
PD_NUM	Polling Division number.
PD_NBR_SFX	Polling Division suffix.
PD_TYPE	Type of the Polling Division. Value is "N" for Normal, "S" for Single Building Polling Division and "M" for Mobile Poll.
ADV_POLL	Number of the Advance Poll the Polling Division refers to.
FED_NUM	Federal Electoral District number.
EMRP_NAME	Concatenation of PD_NUM, "--" and PD_NBR_SFX.
POLL_NAME	Polling Division name.
ST_ADR_NBR	Street address number.
ST_ADR_N_1	Street address number suffix.
ST_NME	Street name.
ST_TYP_CDE	Street type code.
ST_DRCTN_C	Street direction code.
FROM_STE_N	From suite number.

TO_STE_NBR	To suite number.
FROM_FLOOR	From floor number.
TO_FLOOR	To floor number.
BLDG_NAMEE	Building name English
BLDG_NAMEF	Building name French