



Digital Federal Electoral District
Boundary Files

Technical Guide

December 2005

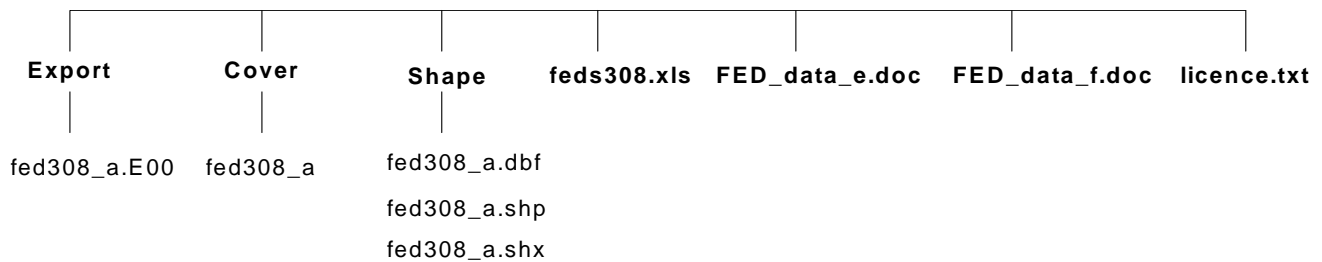
Introduction

The digital federal electoral district boundary files provided on the CD-ROM are made available from Elections Canada. The CD-ROM contains the digital federal electoral districts under the Representation Order of 2003. The files do not include the underlying geographic base map information (National Geographic Database. e.g.: roads, hydrography, etc.).

CD-ROM Content

Directory	Description
Cover	Directory containing digital data in Arc/Info Cover format.
Export	Directory containing digital data in Arc/Info Export format.
Shape	Directory containing digital data in ESRI Shape format.
FED_data_e.doc	User guide (CD-ROM content and description). (English)
FED_data_f.doc	User guide (CD-ROM content and description). (French)
feds308.xls	List of federal electoral district codes and names.
licence.txt	Limited data product licence agreement.

CD-ROM Directory Structure



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:	0.001
Dangle:	0.000

Schema details

Federal Electoral Districts

Layer Name:	FED308_A
Layer Description:	Federal Electoral District boundaries
Layer Feature Type(s):	Polygons

Layer Feature Type(s)

Type	Present	Subclass Name
POINT	N	NA
LINE	N	NA
POLY	Y	NA
NODE	N	NA
ROUTE	N	
REGION	N	
ANNOTATION	N	

Table Descriptions

Table Name:	FED308_A.PAT
Table Description:	Table containing the FED polygon attributes
Table Location:	INFO directory
Related Table(s):	None

Table Definition

COLUMN	ITEM NAME	WIDT H	OUTPUT	TYPE	N.DEC	ALTER NAME	INDEXED
1	AREA	8	18	F	5		-
9	PERIMETER	8	18	F	5		-
17	FED308_A#	4	5	B			-
21	FED308_A-ID	4	5	B			-
25	FED_NUM	4	10	B			-
29	ED_NAMEE	100	100	C			-
79	ED_NAMEF	100	100	C			-

Attribute Definition

ITEM NAME	DESCRIPTION
FED_NUM	Federal electoral district number (e.g. 35061).
ED_NAMEE	Federal electoral district name - English
ED_NAMEF	Federal electoral district name - French