



Electoral Geography Files
for Canada

Technical Guide

November 2024

Introduction

The digital Electoral Geography files provided are made available from Elections Canada. It contains the digital files for Canada's federal electoral districts under the 2023 Representation Orders.

Content

Electoral Geography Data Layers	Description File Format ESRI Shape
FED_CA_2023_EN	Federal Electoral District boundaries

Database Specifications

General

ArcGIS file format:	Version 10 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

FEDERAL ELECTORAL DISTRICT BOUNDARIES

Layer Name:	FED_CA_2023_EN
Layer Feature Description:	Federal Electoral Districts for Canada
Layer Feature type(s):	Polygons

Business Table Description

Table Name:	<i>FED_CA_2023_EN</i>
Table Description:	Table containing the Federal Electoral District polygon attributes
Table Location	DBF
Related Table(s)	None

Table Definition

FIELD NAME	DATA TYPE
FED_NUM	LONG
ED_NAMEE	STRING(100)
ED_NAMEF	STRING(100)
REP_ORDER	STRING(4)

Attribute Definition

FIELD NAME	Description
FED_NUM	Unique number that identifies a Federal Electoral District
ED_NAMEE	Official English name for the Federal Electoral District
ED_NAMEF	Official French name for the Federal Electoral District
REP_ORDER	Year associated with representation order(s)