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## Canadian Census and Election Data 1908-1968

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**ICPSR 0039** 

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#### INTRODUCTION AND DATA DESCRIPTION

These data were collected in conjunction with researcher's doctoral dissertation entitled Regionalism in Canadian Voting Behaviour, 1908-1968 prepared for the Department of Political Science, Yale University. For examples of the use of the data see also Donald E. Blake, "The Measurement and Impact of Regionalism in Canadian Voting Behaviour," a paper presented to the 1971 annual meeting of the Canadian Political Science Association, St. John's, Newfoundland; and, "The Measurement of Regionalism in Canadian Voting Patterns," Canadian Journal of Political Science, V (March 1972), 55-81.

For assistance in collection of the data the writer is indebted to David Seidman, Gordon Galbraith, J. A. Lovink, and John Meisel.

The researcher assumes no responsibility for the accurancy of the data.

Election results for 1908-1917 were taken from the <u>Canadian Parliamentary</u>

<u>Guide</u>, for 1921-1958 from Howard Scarrow, <u>Canada Votes</u>, and for 1962-1968

from the <u>Report of the Chief Electoral Officer</u>. Some inaccuracies discovered in Scarrow's compilation were corrected by referring to the <u>Report of the</u>

<u>Chief Electoral Officer for the relevant election</u>.

Census data were taken from the <u>Census of Canada</u> in 1911, 1921, and 1961 in which certain demographic characteristics were reported by federal constituency. Census characteristics by electoral district for the election of 1949 were estimated from the 1951 <u>Census of Canada</u>. For details on the estimation procedure see the codebook for File 3.

The data set consists of seven files with the following contents.

- File 1: Federal election results for 1908 and 1911 with demographic information from the 1911 Census, five cards per constituency. 1085 card images. N = 217
- File 2: Federal election results for 1917 and 1921 with demographic information from the 1921 census, four cards per constituency. 916 card images. N=229
- File 3: Federal election results for 1949 with demographic information from the 1951 census, four cards per constituency. 1036 card images. N=259

- File 4: Federal election results for 1953, 1957, 1958, 1962, 1963, and 1965 with demographic information from the 1961 census, thirteen cards per constituency. 3393 card images. N= 261
- File 5: Election results for 1968, one card per constituency. 262 card images. N = 262
- File 6: Election results for 1925, 1926 and 1930, three cards per constituency. 720 card images. N = 240
- File 7: Election results for 1935, 1940, and 1945, three cards per constituency. 726 card images. N = 242

#### FILE 1: 1908-1911 FEDERAL ELECTIONS, 1911 CENSUS

Note: No decimals have been punched. Where appropriate the F-type format for the variable is indicated. Some extraneous data is included in the data set but all relevant variables are described below.

<u>Column</u>	Variable Description
	CARD 1 - 1908 Election Results
1	ignore
2-3	Constituency number. Each province's constituencies are numbered separately and are in alphabetical order within provinces.
4–5	Province number. Numbered 02-10: PEI, NS, NB Quebec, Ontario, Manitoba, Saskatchewan, Alberta, B. C.
8-11 12-15 16-19 20-23 28-31	Per cent Conservative* F4.1 " " Liberal " " " Socialist " " " Labour " " " Independent or Other "
38-39 43-48 75-80	Last two digits of election year Total valid votes cast Abbreviated constituency name

\*Acclamations designated by 100% for one party and -9999 in valid vote field.

CARD 2 - 1911 Election Results

Same format as card 1

#### CARD 3 - Population Change

1	Card number
2-5	As for card l
6-11	Population in 1911
12-19	Density of population F8.2
20-23	Per cent change in population
	from 1901-1911 F4.1

#### CARD 4 - Ethnic Origin

1	Card number
2-5	As for card 1
6-53	Ethnic group percentages in 12 four column
	fields (F4.1) in the following order: British,
	French, German, Austro-Hungarian, Bulgarian,
	Dutch, Native Indian, Italian, Jewish, Polish,
	Russian, Scandinavian

#### 1908-1911 continued:

Column	Variable Description
	CARD 5 - Religion
1	Card number
2-5	As for card 1
6-41	Religious group percentages in 9 four column fields (F4.1) in the following order: Anglican, Baptist, Congregationalist, Greek Church, Lutheran, Mennonite, Methodist, Presbyterian, Roman Catholic.

FILE 2: 1917-1921 FEDERAL ELECTIONS, 1921 CENSUS

Note: See description of File 1.

Column	Variable Description
2-3	CARD 1 - 1917 Election  Constituency number. Each province's constituencies are numbered separately and are in the order given by Scarrow.
4-5	Province number. 02-10 from PEI to BC.
8-11 12-15 16-19 20-23	Per cent Government* F4.1 " " Opposition " " " Socialist " " " Labour "
28-31	" " Independent or Other "
37-38	Last two digits of election year
43-48	Total valid votes cast
75-80	Abbreviated constituency name

\*Acclamations for both 1917 and 1921 designated by 100% for one party and -9999 in valid vote field.

#### CARD 2 - 1921 Election

2-5	As for card 1	
8-11 12-15 16-19	Per cent Conservative " " Liberal " " Progressive	F4.1
28-31	" " Independent or Other	11
38-39	Last two digits of election year	
43-80	As for card 1	

#### 1917-1921 continued

Column	Variable Description
	CARD 3 - Ethnic Origins
1	Card number (this card numbered 4; there
2-5	is no card numbered 3) As for card 1
6-61	Ethnic group percentages in 14 four column fields (F4.1) in the following order: British, French, Austrian, Danish, Dutch, Finnish, German, Icelandic, Italian, Norwegian, Polish, Russian, Swedish, Ukrainian.
	CARD 4 - Religion
1	Card number (this card is numbered 5)
2-5	As for card 1
6–45	Religious group percentages in 10 four column fields (F4.1) in the following order: Anglican, Baptist, Congregationalist, Greek Church, Jewish, Lutheran, Mennonite, Methodist, Presbyterian, Roman Catholic

#### FILE 3: 1949 FEDERAL ELECTION, 1951 CENSUS

Note: Decimals have been punched for cards 2 and 3, but not for cards 1 and 4. In both cases, where relevant, the F-type format for the variable is indicated.

Column	Variable Description
	CARD 1 - 1949 Election
2-3	Constituency number. Each province's constituencies are numbered separately and are in the order given by Scarrow.
4-5	Province number. 01-10 Nfld. to B. C.
8-11 12-15 16-19 20-23	Per cent Conservative* F4.1 " " Liberal " " " CCF " " " Social Credit "
28-31	" " Independent or Other "
38-39	Last two digits of election year
43-48	Total valid votes cast

Variable Description

1949 Election continued:

Column

75-80	Abb	reviated constituency name
valid	*Acclamations are d vote field.	esignated by 100% for one party and -9999 in
	CARD 2 - Rel	igion
1 2-5 6-13		Card number As for card 1 Constituency population 1951
14-68		Religious group percentages (estimated in 11 five column fields (F5.2) in the following order: Anglican, Baptist, Greek Orthodox, Jewish, Lutheran, Mennonite, Presbyterian, Roman Catholic, United Church, Greek Catholic, Other.
69-74		Percentage of constituency for which ethnic and religious characteristics estimated (F6.2). This is a rough indication of estimation error.
1-13	CARD 3 - Eth	nic Origin As for card 2
14-68		Ethnic group percentages (estimated) in 11 five column fields (F5.2) in the following order: British, French, German, Italian, Jewish, Netherlands, Polish, Russian, Scandinavian, Ukrainian, Other.
	CARD 4 - Occ	cupation of Male Labour Force over Age 14
1-5		As for card 2
6-14		Male labour force over age 14 (estimated)
15-69		Occupational group percentages (estimated) in 11 five column fields (F5.1) in the

\*Total service includes personal service and "other" service occupations. In some cases it proved impossible to estimate labour force characteristics; hence all data fields will be blank.

following order: Proprietary and Managerial, Professional, Clerical, Primary, Manufacturing and Mechanical, Construction, Transportation and Communication, Commercial and Financial, Total Service, Personal Service, Labourers.\*

#### 1949 Election continued:

#### Estimation Procedure

Constituency ethnic and religious distributions were built up from census subdivision information. In cases in which constituency boundaries cut subdivisions, groups were allocated between constituencies in proportion to the constituency population unaccounted for by the summing of whole subdivisions. For further details see works cited in the introduction to this codebook.

In the absence of subdivision information on occupation, constituency characteristics were estimated using census information provided for incorporated cities, towns, and villages with populations exceeding 1000. Rural parts of constituencies were assumed to have the same occupational distribution as the rural part of the census division in which they fell. For the census defined metropolitan areas, subdivision information was available. However, characteristics for cities like Hamilton were not disaggregated; hence no occupation estimates are given for constituencies there.

I would advise caution in using demographic variables in this election.

#### FILE 4: 1952-1965 FEDERAL ELECTIONS, 1961 CENSUS

NOTE: Decimals have been punched for cards 1-7. In all cases percentages are punched in five column fields (F5.1). Decimals have not been punched for the election percentages (cards 8-13). In all cases percentages are punched in four column fields (F4.1).

Column		Variable Description
	CARD 1 - Age	
1		Card Number (1-7 for census data)
2-3		Province 00-09 (Newfoundland, PEI, NS, NB, Quebec, Ontario, Manitoba, Saskatchewan, Alberta, BC)
4-5		Constituency Number (see introductory description)
6-12		Constituency Population
13-17		Percentage age 0-19
18-22		" 20-24
23-27		25-34
28-32		" 35-44
33-37		" 45–54
38-42		" 55-64
43-47		" 65-69
48-52		" 70 and over
53-57		Ignore this figure

1952-1965 Federal Elections, 1961 Census continued

Column		Variable Description
	CARD 2 - Ethnic Origin	
1-12	As for Ca	ard 1
13-17	Per cent	British
18-22	11	French
23-27	11	German
28-32	11	Italian
33-37	tt	Netherlands
38-42	"	Scandinavian
43-47	11	Other European (Jewish, Polish, Russian, Ukrainian, and Other)
48-52	ti	Asiatic
53-57	11	Native, other and not stated
	CARD 3 - Religion	
1-12	As for Ca	ard 1
13-17	Per cent	Anglican
18-22	11	Baptist
23-27	11	Jewish
28-32	11	Lutheran
33-37	u	Presbyterian
38-42	ti .	Roman Catholic
43-47	11	United Church
48-52	н	All other - Greek Orthodox, Mennonite, Pentecostal, Ukrainian (Greek) Catholic, and Other
53-57	Ignore t	his figure

### 1952-1965 Federal Elections, 1961 Census continued

Column	Variable Description
	CARD 4 - Education
1-5	As for Card 1
6-12	Number over age 4 not attending school (all percentages are based on this figure)
13-17	Percentage with no schooling or pre-grade 1
18-22	Percentage with elementary schooling
23-27	Percentage with 1 or 2 years of high school
28-32	Percentage with 3 or more years of high school
33-37	Percentage with any university
38	Ignore all subsequent figures
	CARD 5 - Income
1-5	As for Card 1
6-12	Number of male wage earners
13-17	Percentage earning under \$3000 per annum
18-22	Percentage earning \$3000-\$5999
23-27	Percentage earning \$6000-\$9999
28-32	Percentage earning \$10000 and over
33	Ignore all subsequent figures
	CARD 6 - Male Job Classifications
1-5	As for Card 1
6-12	Male labour force
13-17	Percentage in Managerial, Professional, and Technica
18-22	Percentage in Clerical and Sales
23-27	Percentage in Transportation, Communication, and Craftsmen
28-32	Percentage in Service, Recreation, and Unskilled Labour

1952-1965 Federal Elections, 1961 Census continued

Column	Variable Description
33-37	Percentage, Primary—farmers, loggers, fishermen, miners
38-42	Percentage not stated
43	Ignore all subsequent figures
	CARD 7 - Total Labour Force by Industry
1-5	As for card 1
6-12	Total Labour Force
13-17	Percentage in Agriculture
18-22	Percentage in Forestry
23-27	Percentage in Fishing
28-32	Percentage in Mining and Manufacturing
33-37	Percentage in Construction
38-42	Percentage of all other
43-47	Percentage not stated
48	Ignore all subsequent figures

#### CARDS 8 - 13 Election Data

The final 6 cards all have the same format. No card numbers are given, but the cards are identifiable by the last two digits of the election year given in columns 38-39. Decimal points are not punched, but the last digit in each party field is the first figure to the right of the decimal (i.e. F4.1)

2–3	Constituency Number
4–5	Province Number (Same order as for census data but beginning with 01 and ending with 10)
6-7	Per cent turnout (tens and hundreds digits only)
8-11	Per cent Conservative (decimal point not printed, i.e., read 999 as 99.9)
12-15	Per cent Liberal
16-19	Per cent CCF/NDP
20-23	Per cent Social Credit

1952-1965 Federal Elections, 1961 Census continued

Column	Variable Description
24-27	Per cent Creditiste
28-31	Per cent Independent or other
38-39	Last two digits of election year
43-48	Total valid votes cast (62-65 only)
50-54	Ignore this figure

FILE 5: 1968 FEDERAL ELECTION

Note: See note for File 6.

Column	Variable Description
2-3	Constituency number. Constituencies are numbered separately within each province in the order given by the Chief Electoral Officer.
4-5	Province number. 01-10 Nfld. to BC
6–7	Per cent turnout (ten's and hundreds digits only)
8-11 12-15	Per cent Conservative F4.1
16-19	" NDP
20-23	" " Social Credit "
24-27	" " Creditiste "
28-31	" " Independent or Other "
38-39	Last two digits of election year
43-48	Total valid votes cast
75-80	Abbreviated constituency name

#### FILE 6: 1925-1930 FEDERAL ELECTIONS

Column

Note: Decimals not punched. Where relevant the F-type format for the variables is indicated.

Variable Description

1	Card Number 1 - 1925 2 - 1926 3 - 1930
2-3	Constituency number. Constituencies are numbered separately within each province in the order given by Scarrow.

#### 1925-1930 Federal Elections continued

Column	Variable Description	
4-5	Province number. 02-10 PEI to BC.	
8-11 12-15 16-19 28-31	Per cent Conservative* " " Liberal " " Progressive " " Independent or Other	F4.1
38-39	Last two digits of election year	
43-48	Total valid votes cast	

\*Acclamations designated by 100% for one party and -9999 in valid vote field.

FILE 7: 1935-1945 FEDERAL ELECTIONS

Note: See note for File 5.

Column	Variable Description	
1	Card number 1 - 1935 2 - 1940 3 - 1945	
2-3	Constituency number. Constituencies are numbered separately within each province the order given by Scarrow.	
4–5	Province number. 02-10 PEI to BC	
8-11 12-15 16-19 20-23	Per cent Conservative* " " Liberal " " CCF " " Reconstruction in 1935 except in Alberta and Saskatche where = Socred. Social Credit i all other elections	
28-31	" " Independent or Other	***
38-39	Last two digits of election year	
43-48	Total valid votes cast	

\*Acclamations designated by 100% for one party and -9999 in valid vote field.