1965 – 2011 CANADIAN ELECTION STUDY CUMULATIVE DATA FILE – CODEBOOK

This cumulative data file (CDF) includes the following CES years: 1965, 1968, 1974, 1979, 1980, 1984, 1988, 1993, 1997, 2000, 2004, 2006, 2008 and 2011. This document describes – for each variable contained in the CDF – the source variable(s) from each CES year and the manner in which they are recoded. For ease of reference, CDF variables are underlined and CES source variables are **in bold**.

This file is based on a larger cumulative data file prepared by Richard Johnston at the University of British Columbia. The present file differs from Johnston's file in that it includes only those variables utilized in analyses in Timothy Hicks, Alan M. Jacobs and J. Scott Matthews, "Inequality and Electoral Accoutnability: Class-biased Economic Voting in Comparative Perspective", which is forthcoming in *Journal of Politics*.

Note that the replication syntax for this paper adds to this file data from the 1972 Canadian Election Study, which was obtained from the Inter-university Consortium of Political and Social Research at the University of Michigan.

General Notes:

- The 1974 cross-section in the CDF was obtained from the 1974 CES, not the 1974-79-80 panel dataset (which only contains roughly half of the respondents interviewed in 1974). The 1979 and 1980 cross-sections in the CDF were obtained from the 1974-79-80 panel dataset.
- The 1993 cross-section in the CDF includes only respondents to the 1993 CES, not the 1992 Charlottetown Referendum survey.
- The 2004 cross-section in the CDF was obtained from the 2004 CES, not the 2004-06-08 panel dataset. The 2006 cross-section in the CDF was obtained from the 2004-06 panel dataset. The 2008 cross-section in the CDF was obtained from the 2004-06-08 panel dataset.
- Some respondents are interviewed in multiple CES years (i.e. 1974-79-80, 1992-93, and 2004-06-08) as part of panel surveys. Each CES year is treated as a separate cross-section.
- "Badlink" cases (i.e. cases in which the data collectors suspect that the pre-, post- and mailback components of a CES were not completed by the same respondent) were not deleted from the data set.

year

Description: This is the CES year in which the interview took place.

CES Year	Recodings (source category = CDF category)
1965	gen year=1965
1968	gen year=1968
1974	gen year=1974
1979	gen year=1979 if v1007==1 Note: This excludes the 17 respondents in the 1974-79-80 CES panel that were not interviewed in 1979. From the 1974-79-80 Codebook: "There are 17 cases which are exceptions to the general pattern that all respondents in this file were interviewed in the 1979 survey. Fourteen respondents appear in the 1980 cross-section sample only, and three respondents have valid data for 1974 and 1980 but are coded missing data for 1979 because the wrong person was interviewed in 1979."
1980	gen year=1980 if v2005==1
1984	gen year=1984
1988	gen year=1988
1993	gen year=1993 if rtype3==1
1997	gen year=1997
2000	gen year=2000
2004	gen year=2004
2006	gen year=2006 if recall06!=.
2008	gen year=2008 if survey_type040608>=10
2011	gen year = 2011

idnum

Description: This is the respondent identification number as assigned in each CES dataset.

CES Year	Source Variable Name(s)	Recodings (source category = CDF category)
1965	**v2**	gen idnum=v2
1968	**var003**	gen idnum=var003
1974	**v2**	gen idnum=v2
1979	**v1004**	gen idnum=v1004 if year==1979
1980	**v2001**	gen idnum=v2001 if year==1980
1984	**var001**	gen idnum=var001
1988	**idnum**	none
1993	**idnum**	none
1997	**idnum**	none
2000	**idnum**	none
2004	**idnum**	none
2006	**idnum06**	gen idnum=idnum06 if year==2006 [Note: I renamed the original 2004 idnum variable as idnum04 so as not to overwrite it here.]
2008	**ces08_idnum**	gen idnum=ces08_idnum
2011	**Idnum**	none

natlweight

Description: This is the national p-weight, as obtained from each CES dataset. When no such weight in contained in the CES dataset, the CDF variable is coded as 1 for all respondents in that CES year (i.e. all respondents are unweighted).

CES Year	Source Variable Name(s)	Source Variable Description	Source Variable Response Categories	Recodings (source category = CDF category)
1965	**v4**	Decimal weight variable to correct for "sampling deficiencies". See description on Page 29 of 1965 Codebook.	"All subjects living in constituency #049 (Algoma West, Ontario) thru #080 (Wentworth, Ontario) were weighted by a factor of one and one-third. Residents of #040 (Cartier, Quebec) thru #048 (Saint-Jacques, Quebec) (inclusive), #081 (York Centre, Ontario) thru #088 (Rosedale, Ontario), and all respondents from British Columbia were double weighted. The rest of the constituencies are unweighted."	gen natlweight=v4
1968	**caswgt**	No actual weights contained in source dataset. See Pages 11-15 in 1968 Codebook for discussion of sampling design.	All respondents coded as 1	gen natlweight=caswgt
1974	**v4**	National sample weight. This corrects for the oversampling of the Atlantic provinces. See Page 3 of the ICPSR study description for some details.	PEI = .125 NL, NS, NB = .5 QC, MB, SK, AB, BC = 1 ON = 1.25	gen natlweight=v4
1979		The dataset does not appear to contain a national weight for the full 1979 cross-section. The 1974-79-80 codebook suggests that this weight is contained in **v1006** and **v4001**. However, all values on both of these two variables are marked as missing. This is particularly worrisome given that the codebook says that weights must be used to obtain a valid national sample. For the moment, I code natlweight = 1.		gen natlweight=1 if year==1979

		Note: The dataset does contain a weight variable for the 1974-79 *panel* component.		
1980		The dataset does not appear to contain a national weight for the full 1980 cross-section. The 1974-79-80 codebook suggests that this weight is contained in **v2004** and **v4007**. However, all values on both of these two variables are marked as missing. This is particularly worrisome given that the codebook says that weights must be used to obtain a valid national sample. For the moment, I code natlweight = 1. Note: The dataset does contain regional weight variables (i.e. Maritime, Atlantic, Prairie, and Western) for the 1980 cross-section as well as weights for the various panel components (i.e. 1974-1979-1980, 1979-1980, and 1974-1980).		gen natlweight=1 if year==1980
1984	**wtfactor**	From Page 5 of 1984 Codebook: "To allow for better regional analysis, the sample selection was disproportionate in favour of the less populated regions. A weight scheme was added to restore the sample to the correct overall regional proportions. At the same time, data were computed for an age within sex within region within community size matrix and compared with Statistics Canada data in the same format. Adjustment weighting was applied to bring the data in line with the most recent Statistics Canada information available. Therefore, the weight variable WTFACTOR (see record 13: col. 30-36) should be used to obtain a national sample."	Range: .038 to 6.4	gen natlweight=wtfactor
1988	**wt1**	From Page 6 of the Technical Document:	Range: .0558652 to 4.67641	gen natlweight=wt1

		"WT1: National Weight Including Over Sample, adjusts for unequal probability of selection at the household level, includes over sample completions and corrects for disproportionate distribution among the Provinces"		
1993	**cpsnwgt1**	Campaign-Period National Weight Number 1: "the first national weight combines the household weight and province weight for all ten Canadian provinces" (Technical Document, p.14)	Range: 0 to 5.088251	gen natlweight=cpsnwgt1 if year==1993
1997	**cpsnwgt1**	Campaign-Period National Weight Number 1: "the first national weight combines the household weight and province weight for all ten provinces and two territories" (Technical Document, p.12)	Range: .022297 to 5.336812	gen natlweight=cpsnwgt1
2000	**cesnwgt**	"CESNWGT (National Weight) is the product of the household weight and the provincial weight and should be used with the National Sample when national estimates are required" (Technical Document, p. 8).	Range: .1670167 to 5.568815	gen natlweight=cesnwgt
2004	**cesnwgt**	"CESNWGT (National Weight) is the product of the household weight and the provincial weight and should be used with the National Sample when national estimates are required" (Technical Document, p. 9).	Range: .0843964 to 4.217296	gen natlweight=cesnwgt
2006	**cesnwgt0** [Note: a separate household weight is also available for the RDD cases only in the 2006 sample.]	Same method as 2004.	Range: .1010349 to 7.198905	gen natlweight=cesnwgt0
2008	**ces08_natwgt**	2008 Technical Document not available. ces08_natwgt is the product of ces08_hhwgt (the 2008 household weight) and ces08_provwgt (the 2008 provincial weight).	Range: .0714965 to 6.064607	gen natlweight = ces08_natwgt

		Note: ces08_natwgt is only available for 3257 of the 4495 cases in the 2008 CES – i.e. only for the 2008 CPS, which consisted entirely of a fresh RDD sample (the panel component starts with the 2008 PES).		
2011	**wgtsamp**	Technical document not available so it is not exactly clear how the variable is calculated. The provincial means do not seem to reflect weighting for sampling of small and large provinces, but it does seem to be more than just household weighting since. Note: wgtsamp is available for only 3458 of the 4308 cases in 2011. Panel cases are not weighted as in 2008 and were coded as 1.	Range: 0.5 to 3.99	gen natlweight = wgtsamp replace natlweight=1 if panel==1

income

Description: This is the respondent's family income. In the CDF, income is coded in terciles.

CDF Variable Label:
1 bottom third
2 middle third
3 top third
. missing

Note: Tercile ranges were obtained from the *unweighted* income distribution.

CES Year	Source Variable Name(s)	Source Variable Question Wording	Source Variable Response Categories	Recodings (source category = CDF category)
1965	**v336**	Into which of the groups on this card did the total income for	1 under $1,000 2 $1,000-$1,999 3 $2,000-$2,999	gen income=v336 recode income 1/4=1 5/6=2 7/11=3 .=.

		your family fall last year (before taxes)?	4 $3,000-$3,999 5 $4,000-$4,999 6 $5,000-$5,999 7 $6,000-$6,999 8 $7,000-$7,999 9 $8,000-$9,999 10 $10,000-$14,999 11 $15,000 or over . missing (DK, Refused)	
1968	**var404 and var405**	Into which of the groups on this card did the total income for your family fall last year (before taxes)?	var404: 0 10000 14999 1 under 1000 2 1000 1999 3 2000 2999 4 3000 3999 5 4000 4999 6 5000 5999 7 6000 6999 8 7000 7999 9 8000 9999 var405: 0 1 15000 or over 2 refused	First, I combined var404 and var405: gen income=var404 recode income 0=10 replace income=11 if var405==1 replace income=. if var405==2 Then, I recoded the result into terciles: recode income 1/4=1 5/7=2 8/11=3 .=.
1974	**v479**	In which of these groups does the approximate income of the family fall -- that is, the income or earnings of all the	1 less than $3,000 per year 2 $3,000 - $4,999 per year 3 $5,000 - $7,499 per year 4 $7,500 - $9,999 per year 5 $10,000 - $14,999 per year 6 $15,000 - $16,999 per year	gen income=v479 recode income 1/3=1 4/5=2 6/8=3

		family members living here added together?	7 $17,000 - $19,999 per year 8 $20,000 or more per year . missing (includes DK and Refused)	
1979	**v1516**	In which of these groups does the approximate income of the family fall--that is, the income or earnings of all the family members living here added together?	1 less than $7500 per year 2 $7500 - $9999 per year 3 $10000 - $14999 per year 4 $15000 - $16999 per year 5 $17000 - $19999 per year 6 $20000 - $24999 per year 7 $25000 - $29999 per year 8 $30000 or more per year . missing (refused, no estimate, dk, no 1979 interview)	gen income=v1516 if year==1979 recode income 1/3=1 4/6=2 7/8=3
1980	Note: Income was not asked in the 1980 questionnaire. Consequently, I use: **v1516** for respondents interviewed in 1979 (n=1731), and **v478** for respondents interviewed in 1974 but not in 1979 (n=3). The 14 respondents who were interviewed only in 1980 – and thus were			gen income=v1516 if panel747980==3 | panel747980==4 recode income 1/3=1 4/6=2 7/8=3 if panel747980==3 | panel747980==4 replace income=v478 if panel747980==2 recode income 1/3=1 4/5=2 6/8=3 if panel747980==2 replace income=. if panel747980==5

	not asked about their income – are coded as missing.			
1984	**var442 and var443**	var442: In which of these letter groups did the total income of the family in 1983 fall--that is, the income of all the family members living here, added together, from all sources and before taxes? var443: if "don't know" or "refused", give best estimate	var442: 1 Nothing 2 Under $5000 3 $5000 - $9999 4 $10000 - $14999 5 $15000 - $19000 6 $20000 - $24999 7 $25000 - $29999 8 $30000 - $39999 9 $40000 - $49999 10 $50000 - $99999 11 $100000 and Over 97 Don't Know 98 Refused var443: 1 nothing 2 under $5,000 3 $5,000-$9,999 4 $10,000-$14,999 5 $15,000-$19,999 6 $20,000-$24,999 7 $25,000-$29,999 8 $30,000-$39,999 9 $40,000-$49,999 10 $50,000-$99,999 11 $100,000 & over 96 unable to estimate	gen income=var442 replace income=var443 if var442==97 | var442==98 recode income 96=. recode income 1/5=1 6/7=2 8/11=3 .=.

			97 dont know 98 refused 99 na	
1988	**n19**	How much income did you and other members of your family living with you receive IN TOTAL, before deductions, in the last 12 months, not just from wages but from all sources, including pensions, unemployment insurance, interest from savings, and rental income. We don't need the exact figure, just a broad category. Was it ...	1 <$10,000 2 $10,000-$19,000 3 $20,000-$29,000 4 $30,000-$39,000 5 $40,000-$49,000 6 $50,000-$59,000 7 $60,000-$69,000 8 $70,000-$79,000 9 $80,000 or more 98 d.k. 99 refused . missing	gen income=n19 recode income 98 99 .=. recode income 1/2=1 3/4=2 5/9=3
1993	**cpso18 and cpso18a**	cpso18: Could you please tell me your total household income, be sure to include income FROM ALL SOURCES such as savings, pensions, rent, as well as wages, TO THE NEAREST THOUSAND	cpso18: Actual income in 000s: 1-997 998 d.k. 999 refused cpso18a: 1 <$20,000 2 $20,000-$29,000 3 $30,000-$39,000 4 $40,000-$49,000 5 $50,000-$59,000	gen income=cpso18 if year==1993 recode income 998 999 = . recode income 1/19=1 20/29=2 30/39=3 40/49=4 50/59=5 60/69=6 70/79=7 80/89=8 90/100=9 101/997=10 replace income=cpso18a if income==. recode income 98 99 . = . recode income 1/2=1 3/5=2 6/10=3 [Note: I combine the two income questions by (1) collapsing the more specific responses to the first question into the broader categories of the second question, and then (2) further collapsing the

		DOLLARS, what was your TOTAL HOUSEHOLD INCOME before taxes and other deductions for 1992? cpso18a: We don't need the exact amount; could tell me which of these broad categories it falls into...	6 $60,000-$69,000 7 $70,000-$79,000 8 $80,000-$89,000 9 $90,000-100,000 10 $100,000+ 98 d.k. 99 refused . missing	income categories into terciles as per the desired coding of income].
1997	**cpsm16 and cpsm16a**	cpsm16: Could you please tell me your total household income, be sure to include income FROM ALL SOURCES such as savings, pensions, rent, as well as wages, TO THE NEAREST THOUSAND DOLLARS, what was your TOTAL HOUSEHOLD INCOME before taxes and other deductions for 1996?	cpsm16: Actual income in 000s: 1-997 998 d.k. 999 refused . missing cpsm16a: 1 <$20,000 2 $20,000-$29,999 3 $30,000-$39,999 4 $40,000-$49,999 5 $50,000-$59,999 6 $60,000-$69,999 7 $70,000-$79,999 8 $80,000-$89,999 9 $90,000-$100,000 10 >100,000 98 d.k.	gen income=cpsm16 recode income 998 999 . = . recode income 1/19=1 20/29=2 30/39=3 40/49=4 50/59=5 60/69=6 70/79=7 80/89=8 90/100=9 101/997=10 replace income=cpsm16a if income==. recode income 98 99 . = . recode income 1/2=1 3/5=2 6/10=3 [Note: I combine the two income questions by (1) collapsing the more specific responses to the first question into the broader categories of the second question, and then (2) further collapsing the income categories into terciles as per the desired coding of income].

		cpso16a: We don't need the exact amount; could tell me which of these broad categories it falls into...	99 refused . missing	
2000	**cpsm16 and cpsm16a**	cpsm16: Could you please tell me your total household income, be sure to include income FROM ALL SOURCES such as savings, pensions, rent, as well as wages, TO THE NEAREST THOUSAND DOLLARS, what was your TOTAL HOUSEHOLD INCOME before taxes and other deductions for 1999? cpsm16a: We don't need the exact amount; could tell me which of these broad categories it falls into...	cpsm16: Actual income in 000s: 1-997 998 don't know 999 refused . missing cpsm16a: 1 less than $20,000 2 $20,000-$29,999 3 $30,000-$39,999 4 $40,000-$49,999 5 $50,000-$59,999 6 $60,000-$69,999 7 $70,000-$79,999 8 $80,000-$89,999 9 $90,000-$100,000 10 more than $100,000 98 (don't know?) 99 (refused?) 998 don't know 999 refused . missing	gen income=cpsm16 recode income 998 999 . = . recode income 1/19=1 20/29=2 30/39=3 40/49=4 50/59=5 60/69=6 70/79=7 80/89=8 90/100=9 101/997=10 replace income=cpsm16a if income==. recode income 98 99 998 999 . = . recode income 1/2=1 3/5=2 6/10=3 [Note: I combine the two income questions by (1) collapsing the more specific responses to the first question into the broader categories of the second question, and then (2) further collapsing the income categories into terciles as per the desired coding of income].
2004	**cps_s18**	And now your last	1 less than $20,000	gen income=cps_s18

		year's total household income before taxes. That includes income FROM ALL SOURCES such as savings, pensions, rent, as well as wages. Was it. . .	2 $20,000-$29,999 3 $30,000-$39,999 4 $40,000-$49,999 5 $50,000-$59,999 6 $60,000-$69,999 7 $70,000-$79,999 8 $80,000-$89,999 9 $90,000-$99,999 10 more than $100,000 98 don't know 99 refused	recode income 98 99 = . recode income 1/2=1 3/5=2 6/10=3
2006	**cps_s180**	And now your total household income before taxes for 2005. That includes income FROM ALL SOURCES such as savings, pensions, rent, as well as wages. Was it….	1 less than $20,000 2 $20,000-$29,999 3 $30,000-$39,999 4 $40,000-$49,999 5 $50,000-$59,999 6 $60,000-$69,999 7 $70,000-$79,999 8 $80,000-$89,999 9 $90,000-$99,999 10 more than $100,000 98 don't know 99 refused	gen income=cps_s180 recode income 98 99 = . recode income 1/3=1 4/6=2 7/10=3
2008	**ces08_cps_s18a, ces08_cps_s18b, ces08_pes_s9a, and ces08_pes_s9a** [Note: **ces08_cps_s18a** and **ces08_cps_s18b** record income for the	ces08_cps_s18a: Could you please tell me your total household income before taxes for the year ending December 31, 2007? Be sure to include income	ces08_cps_s18a: 0 less than $1,000 998 don't know 999 refused . missing ces08_cps_s18b: 1...less than $20,000	gen incomerdd=ces08_cps_s18a recode incomerdd 998 999 . = . recode incomerdd 0=1 1/19=1 20/29=2 30/39=3 40/49=4 50/59=5 60/69=6 70/79=7 80/89=8 90/99=9 100/109=10 110/120=11 121/800=12 replace incomerdd= ces08_cps_s18b if incomerdd==. recode incomerdd 98 99 998 999 . = .

	2008 CPS respondents (all RDD). **ces08_pes_s9a** and **ces08_pes_s9b** record income for the 2008 panel component.]	FROM ALL SOURCES such as savings, pensions, rent, as well as wages, TO THE NEAREST THOUSAND DOLLARS, what was your TOTAL HOUSEHOLD INCOME? ces08_cps_s18b: We don't need the exact amount; could you tell me which of these broad categories it falls into... ces08_pes_s9a: Could you please tell me your total household income before taxes? Be sure to include income FROM ALL SOURCES such as savings, pensions, rent, as well as wages, TO THE NEAREST THOUSAND DOLLARS. What	2...between $20,000 and $30,000($29,999.99) 3...between $30,000 and $40,000 4...between $40,000 and $50,000 5...between $50,000 and $60,000 6...between $60,000 and $70,000 7...between $70,000 and $80,000 8...between $80,000 and $90,000 9...between $90,000 and $100,000 10...between $100,000 and $110,00 11...between $110,000 and $120,000, or 12...more than $120,000 98 don’t know 99 refused . missing ces08_pes_s9a: 0 less than $1,000 998 don't know 999 refused . missing ces08_pes_s9b: 1 less than $20,000 2 $20,000-$29,999 3 $30,000-$39,999 4 $40,000-$49,999 5 $50,000-$59,999 6 $60,000-$69,999	gen incomepanel=ces08_pes_s9a recode incomepanel 998 999 . = . recode incomepanel 0=1 1/19=1 20/29=2 30/39=3 40/49=4 50/59=5 60/69=6 70/79=7 80/89=8 90/99=9 100/109=10 110/120=11 121/800=12 replace incomepanel= ces08_pes_s9b if incomepanel==. recode incomepanel 98 99 998 999 . = . gen income=incomerdd replace income=incomepanel if incomerdd==. recode income 1/4=1 5/8=2 9/12=3 drop incomerdd incomepanel [Note: I combine each pair of income questions by collapsing the more specific responses to the first question into the broader categories of the second question. I then combine the results from each pair into a single variable and, finally, recode the result into terciles as per the desired coding of income].

		was your TOTAL HOUSEHOLD INCOME? ces08_pes_s9b: We don't need the exact amount; could you tell me which of these broad categories it falls into...	7 $70,000-$79,999 8 $80,000-$89,999 9 $90,000-$99,999 10 $100,000-$109,999 11 $110,000-$119,999 12 more than $120,000 98 don't know 99 refused . missing	
2011	ces11_93	CES11_92: Could you please tell me your total household income before taxes for the year 2010? Be sure to include income FROM ALL SOURCES TO THE NEAREST THOUSAND DOLLARS. What was your TOTAL HOUSEHOLD INCOME? CES11_93: We don't need the exact amount; does it fall into one of these broad categories?	CES11_92 , value in '000 of dollars. 0 <1000 998 don't know 999 refused 1 less than $30,000 2 between $30,000 and $60,000 3 between $60,000 and $90,000 4 between $90,000 and $110,000 5 more than $110,000	Note: I first collapsed ces11_92 into three different variables. - Gen income1=0. Replace income1=1 if ces11_92<=49 - Gen income2=0. Replace income2=1 if ces11_92>=50 & ces11_92<=89 - Gen income3=0. Replace income3=1 if ces11_92>=89 &ces11_92<=900 gen income=. Replace income=1 if income1==1 | ces11_93<=2 Replace income=2 if income2==1 | ces11_93==3 Replace income=3 if income3==1 | ces11_93==4 | ces11_93==5

fedvote

Description: This is the party that the respondent voted for in the last federal election.

CDF Variable Label:
0 none (i.e. R reports no when asked if voted)
1 liberal
2 conservative
3 ndp
4 reform
5 bloc
6 socred
7 other (includes votes for independent candidates)
. missing

Note: fedvote = . if (1) R provides a nonresponse when asked if he/she voted, or (2) R reports yes when asked if voted, but does not state a party when asked which party he/she voted for.

CES Year	Source Variable Name(s)	Source Variable Question Wording	Source Variable Response Categories	Recodings (source category = CDF category)
1965	**v262**	Separate wordings for QC and ROC. **v262** is a combination of two questions that asked: (1) if vote, and (2) if yes, for what party.	0 no did not vote in 1965 11 yes voted, conservative 12 yes voted, liberal 13 yes voted, ndp 14 yes voted, social credit 16 yes voted, other party 17 yes voted, refused which party 18 yes voted, dk which party	gen fedvote=v262 recode fedvote 0=0 11=2 12=1 13=3 14=6 16=7 17=. 18=. 19=. .=.

			19 yes voted, na which party . missing (Refused, DK if voted, NA)	
1968	**var179 and var180**	var179: Did you vote this time or did something keep you from voting? var180: IF VOTED, For which party did you vote?	var179: 1 yes-voted 2 no-did not vote var180: 0 no answer 2 lib 3 pc 4 ndp 5 creditiste 6 soc credit 7 independent 8 union nat 9 don't remember	gen fedvote=. replace fedvote=0 if var179==2 replace fedvote=. if var179==1 & var180==0 | var179==1 & var180==9 replace fedvote=var180 if var179==1 & var180>=2 & var180<=8 recode fedvote 2=1 3=2 4=3 5=6 6=6 7=7 8=7
1974	**v161 and v162**	v161: Did you vote this time, or did something happen to keep you from voting? v162: IF VOTED, For which party did you vote<in 1974 federal election>?	v161: 1 voted 2 did not vote . missing (dk, inap) v162: 1 liberal 2 progressive conservative 3 ndp 4 social credit 5 other 6 spoiled ballot . missing (refused, dk, inap)	gen fedvote=. replace fedvote=0 if v161==2 replace fedvote=. if v161==. | v161==1 & v162==6 | v161==1 & v162==. replace fedvote=v162 if v161==1 & v162>=1 & v162<=5 recode fedvote 1=1 2=2 3=3 4=6 5=7
1979	**v1233 and**	v1233: Did you vote this	v1233:	gen fedvote=. if year==1979

	v1234	time, or did something happen to keep you from voting? v1234: (IF VOTED) For which party did you vote?	1 voted 2 did not vote . missing (d.k., n.a., no 1979 interview) v1234: 1 liberal 2 progressive conservative 3 n.d.p. 4 social credit 5 other . missing (refused, d.k., inap.)	replace fedvote=0 if v1233==2 replace fedvote=. if v1233==. | v1233==1 & v1234==. replace fedvote=v1234 if v1233==1 & v1234>=1 & v1234<=5 recode fedvote 1=1 2=2 3=3 4=6 5=7
1980	**v2061 and v2062**	v2061: Did you vote this time, or did something happen to keep you from voting? v2062: (IF VOTED) For which party did you vote?	v2061: 1 voted 2 did not vote . missing (d.k., no 1980 interview) v2062: 1 liberal 2 progressive conservative 3 n.d.p. 4 social credit 5 other 6 voted as before . missing (spoiled ballot, d.k., inap., refused, no 1980 interview)	gen fedvote=. if year==1980 replace fedvote=0 if v2061==2 replace fedvote=. if v2061==. | v2061==1 & v2062==. replace fedvote=v2062 if v2061==1 & v2062>=1 & v2062<=6 recode fedvote 1=1 2=2 3=3 4=6 5=7 6=. [Note: I code Category 6 – "voted as before" – as missing because it is not clear how this R voted "before".]
1984	**var124 and var125**	var124: Did you vote this time, or did something	var124: 1 voted	gen fedvote=. replace fedvote=0 if var124==2

		happen to keep you away from voting? var125: (IF "VOTED") For which party did you vote?	2 did not vote . missing (dont know) var125: 1 liberal 2 p.c. 3 ndp 4 social credit 5 parti nationaliste 8 communist 9 green party 10 libertarian 11 pcc-commonwealth cdn 12 rhino 13 spoiled ballot 14 all others 15 conf. of region west 16 west. can. concept 20 independent/none . missing (refused and na)	replace fedvote=. if var124==. | var124==1 & var125==13 | var124==1 & var125==. replace fedvote=var125 if var124==1 & var125>=1 & var125<=12 | var124==1 & var125>=14 & var125<=20 recode fedvote 1=1 2=2 3=3 4=6 5/12=7 14/20=7
1988	**xb1 and xb2**	xb1:Did you vote in this election? xb2: IF VOTED, Which party did you vote for: the Conservative Party, the Liberal Party, the New Democratic Party, or another party?	xb1: 1 voted 5 did not vote 8 d.k. 9 refused . missing xb2: 1 conservative 2 liberal 3 ndp	gen fedvote=. replace fedvote=0 if xb1==5 replace fedvote=. if xb1>=8 | xb1==1 & xb2>=8 replace fedvote=xb2 if xb1==1 & xb2<=5 recode fedvote 1=2 2=1 3=3 4=4 5=7

			4 reform 5 other 8 d.k. 9 refused	
1993	**pesa2 and pesa4**	pesa2: Did YOU vote in the election? pesa4: (IF VOTED) Which party did you vote for: the Conservative Party, the Liberal Party, the New Democratic Party, the [fill rc3], or another party?	pesa2: 1 yes 5 no 8 d.k. 9 refused . missing pesa4: 0 other 1 conservative 2 liberal 3 ndp 4 reform 5 bloc quebecois 97 none 98 d.k. 99 refused . missing	gen fedvote=. if year==1993 replace fedvote=. if pesa2>=8 | pesa2==1 & pesa4>=97 replace fedvote=pesa4 if pesa2==1 & pesa4<=5 recode fedvote 0=7 1=2 2=1 3=3 4=4 5=5 replace fedvote=0 if pesa2==5
1997	**pesa2a, pesa2b, and pesa4** [Note: **pesa2a** and **pesa2b** represent a split sample wording	pesa2a: Did YOU vote in the election? pesa2b: In a democracy, citizens have the right to vote. They also have the right not to. And some people who intend to vote end up not voting for one	pesa2a and pesa2b: 1 yes 5 no 8 d.k. 9 refused . missing pesa4: 0 other	gen votetemp=pesa2a replace votetemp=pesa2b if pesa2a==. gen fedvote=. if votetemp>=8 | votetemp==1 & pesa4>=97 replace fedvote=pesa4 if votetemp==1 & pesa4<=5 recode fedvote 0=7 1=1 2=2 3=3 4=4 5=5 replace fedvote=0 if votetemp==5 drop votetemp

	experiment.]	reason or another. What about you, did you vote in the election or not? pesa4: (IF VOTED) Which party did you vote for: the Liberal Party, the Conservative Party, the New Democratic Party, the [fill E001], or another party?	1 liberal 2 pc 3 ndp 4 reform 5 bloc quebecois 97 none 98 d.k. 99 refused . missing	
2000	**pesa2, pesa3a, and pesa3b**	pesa2: Did YOU vote in the election? pesa3a: [asked in Quebec only] Which party did you vote for: pesa3b: [asked everywhere except Quebec] Which party did you vote for	pesa2: 1 yes 5 no 8 don't know 9 refused . missing pesa3a and pesa4b: 0 other 1 liberal 2 conservative 3 ndp 4 alliance party 5 bloc quebecois 97 none 98 don't know 99 refused . missing	gen fedvote=pesa3a replace fedvote=pesa3b if province!=24 replace fedvote=. if pesa2>=8 | pesa2==1 & fedvote>=97 recode fedvote 0=7 1=1 2=2 3=3 4=4 5=5 replace fedvote=0 if pesa2==5
2004	**pes_a2a and pes_a3**	pes_a2a: Did YOU vote in the election?	pes_a2a: 1 yes 5 no	gen fedvote=pes_a3 replace fedvote=. if pes_a2a>=8 | pes_a2a==1 & fedvote==7 | pes_a2a==1 & fedvote>=97

		pes_a3: Which party did you vote for, the Liberals, Conservatives, NDP, [if PROV eq <24>] Bloc Quebecois [endif] or another party:	8 don't know 9 refused . missing pes_a3: 0 other [specify] 1 liberal (grits) 2 conservative (conservative party, new ...) 3 ndp 4 bloc quebecois 6 progressive conservative (tory, pcs, the old party) 7 r volunteers: spoiled ballot 8 green party 10 marijuana party 97 none of them 98 don't know 99 refused . missing	recode fedvote 0=7 1=1 2=2 3=3 4=5 6=7 8 10 = 7 replace fedvote=0 if pes_a2a==5 [Note: I code the old PCs as Other.]
2006	**pes_b106, pes_b4a0 and pes_b4b0** [Note: **pes_b4a0** and **pes_b4b0** represent a split sample wording experiment.]	pes_b106: Did YOU vote in the election? pes_b4a0: Which party did you vote for? The Liberal Party, the Conservative Party, the NDP (the New Democratic Party), [if PROV eq <24>] the Bloc Quebecois, [endif] or another party?	pes_b106: 1 yes 5 no 8 don't know 9 refused . missing pes_b4a0 and pes_b4b0: 0 other [not coded elsewhere] 1 liberal (grits)	gen fedvote=pes_b4a0 replace fedvote=pes_b4b0 if pes_b4a0==. replace fedvote=. if pes_b106>=8 | pes_b106==1 & fedvote>=96 recode fedvote 0=7 1=1 2=2 3=3 4=5 5=7 replace fedvote=0 if pes_b106==5

		pes_b4b0: The Liberal Party, the Conservative Party, the NDP (the New Democratic Party), the Green party, [if PROV eq <24>]the Bloc Quebecois[endif] or another party?	2 conservative (tory, pcs) 3 ndp (new democrats) 4 bloc quebecois (bq, pq, bloc) 5 green party (greens) 96 did not vote 97 none 98 don't know 99 refused . missing	
2008	**ces08_pes_b1 and ces08_pes_b4b**	ces08_pes_b1: Did YOU vote in the election? ces08_pes_b4b: Which party did you vote for? The Liberal Party, the Conservative Party, the NDP (the New Democratic Party), [if PROV eq <24>] the Bloc Quebecois, [endif] the Green party, or another party?	ces08_pes_b1: 1 yes 5 no 8 don't know 9 refused . missing ces08_pes_b4b: 0 other 1 liberal (grits) 2 conservative (tory, pcs) 3 ndp (new democrats) 4 bloc quebecois (bq, pq, bloc) 5 green party (greens) 98 don't know 99 refused . missing	gen fedvote= ces08_pes_b4b replace fedvote=. if ces08_pes_b1>=8 | ces08_pes_b1==1 & fedvote>=98 recode fedvote 0=7 1=1 2=2 3=3 4=5 5=7 replace fedvote=0 if ces08_pes_b1==5
2011	**pes11_3** **pes11_6**	pes11_3: Did you vote in the election?	pes11_3: 1 yes 5 no	gen fedvote=pes11_6 recode fedvote 0=7 1=1 2=2 3=3 4=5 5=7 replace fedvote = 0 if pes11_3==5

		Pes11_6: Which party did you vote for? The Liberal Party, the Conservative Party,the NDP (the New Democratic Party),[if PROV eq <24>] the Bloc Quebecois, the Green party, or another party?	8 don't know 9 refused pes11_6: 0 other 1 Liberal (Ignatieff, Grits) 2 Conservatives (Harper, Tories, PCs, Conservative Party of Canada) 3 NDP (Layton, New Democratic Party, New Democrats, Ndpers) [if PROV eq <24>] 4 Bloc Quebecois (BQ, PQ, Bloc, Parti Québécois) 5 Green Party (Greens) 7 did not vote 8 none 98 don't know 99 refused	replace fedvote =. if pes11_3>=8 | pes11_3==1 & pes11_6>=8 0 none 1 liberal 2 conservative 3 ndp 4 reform 5 bloc 7 other (includes votes for independent) . missing

pid

Description: This is the respondent's party identification.

CDF Variable Label:
0 none
1 liberal
2 conservative
3 ndp

4 reform
5 bloc
6 socred
7 other
. missing

Note: Whenever possible, only "refused" responses in source variable are coded as missing in CDF variable. Whenever possible, "Don't Know" and other non-partisan responses (e.g. no party, independent, etc.) in source variable are coded as "none" in CDF variable.

CES Year	Source Variable Name(s)	Source Variable Question Wording	Source Variable Response Categories	Recodings (source category = CDF category)
1965	**v221**	Generally speaking, do you usually think of yourself as Conservative, Liberal, Social Credit, Creditiste, NDP, Union nationale or what? [level of government not specified]	10 Conservative 20 Liberal 30 NDP 40 Social Credit 50 Creditiste 60 Union Nationale 70 other party 80 no party . missing (DK, NA)	gen pid=v221 recode pid 10=2 20=1 30=3 40=6 50=6 60=7 70=7 80=0 .=.
1968	**var122**	Generally speaking, do you usually think of yourself as Liberal, Conservative, N.D.P., Creditiste, Social Credit, Union Nationale, or what?	0 refused 1 liberal 2 pc 3 ndp 4 creditiste 5 soc credit 6 lpp comm 7 union nationale 8 rin 9 msa 10 raill natl	gen pid=var122 recode pid 0=. 1=1 2=2 3=3 4=6 5=6 6/11=7 12=0 13=0

			11 other 12 no party indep vote 13 don't know	
1974	**v131**	Thinking of federal politics, do you usually think of yourself as a liberal, conservative, n.d.p., social credit, or what?	0 independent or none 1 liberal 2 progressive conservative 3 ndp 4 social credit 5 other . missing (refused, dk)	gen pid=v131 recode pid 0=0 1=1 2=2 3=3 4=6 5=7 .=.
1979	**v1192**	Thinking of federal politics, do you usually think of yourself as a liberal, conservative, n.d.p., social credit, or what?	0 none, independent 1 liberal 2 progressive conservative 3 n.d.p. 4 social credit 5 pc and lib 6 lib and n.d.p. 7 other . missing (refused, d.k., no 1979 interview)	gen pid=v1192 if year==1979 recode pid 0=0 1=1 2=2 3=3 4=6 5=. 6=. 7=7 .=. [Note: I code multiple PIDs – Categories 5 and 6 – as missing.]
1980	**v2043**	Thinking of federal politics, do you usually think of yourself as a liberal, conservative, n.d.p., social credit, or what?	0 independent, none 1 liberal 2 progressive conservative 3 n.d.p. 4 social credit 5 progressive conservative and liberal 6 liberal and n.d.p. 7 other . missing (refused, d.k., no 1980 interview)	gen pid=v2043 if year==1980 recode pid 0=0 1=1 2=2 3=3 4=6 5=. 6=. 7=7 .=. [Note: I code multiple PIDs – Categories 5 and 6 – as missing.]

1984	**var081**	Thinking of federal politics, do you usually think of yourself as a Liberal, Progressive Conservative, NDP or what?	1 liberal 2 p.c. 3 ndp 4 social credit 5 parti nationaliste 8 lib. & pc. 9 lib. & ndp. 10 pc. & ndp. 11 lib. & social credit 12 pc. & social credit 13 ndp. & social credit 14 lib. & parti nat'l 15 pc. & parti nat'l 16 ndp & parti nat'l 17 soci.cr. & parti nat 18 other combinations 19 other single mention 20 independent/none . missing (dont know, refused)	gen pid=var081 recode pid 1=1 2=2 3=3 4=6 5=7 8/18=. 19=7 20=0 .=. [Note: I code multiple PIDs – Categories 8 through 18 – as missing.]
1988	**i1**	Thinking of federal politics, do you usually think of yourself as a Liberal, Conservative, N.D.P, or none of these?	1 liberal 2 pc 3 ndp 4 none 8 d.k. 9 refused . missing	gen pid=i1 recode pid 1=1 2=2 3=3 4=0 8=0 9 . = .
1993	**cpsm1**	Thinking of federal politics, do you usually think of yourself as a Liberal, Conservative, N.D.P, [fill rc3] or none of these?	1 liberal 2 conservative 3 ndp 4 reform	gen pid=cpsm1 if year==1993 recode pid 1=1 2=2 3=3 4=4 5=5 6=7 7=0 8=0 9 . = .

			5 bloc quebecois 6 other 7 none of these 8 d.k. 9 refused . missing (not part of 1993 CES)	
1997	**cpsk1**	In federal politics, do you usually think of yourself as a Liberal, Conservative, N.D.P, [fill E001] or none of these?	0 none 1 liberal 2 pc 3 ndp 4 reform 5 bloc 6 other 98 d.k. 99 refused	gen pid=cpsk1 recode pid 0=0 1=1 2=2 3=3 4=4 5=5 6=7 98=0 99=.
2000	**cpsk1a and cpsk1b** [Note: These two variables represent a split sample question wording experiment.]	cpsk1a: In federal politics, do you usually think of yourself as a: cpsk1b: Generally speaking, in federal politics, do you usually think of yourself as a Liberal, Bloc Québécois, Alliance, Conservative, NDP (New Democratic Party), or do you usually think of yourself as not having a general preference?	cpsk1a: 0 none of these 1 liberal 2 bloc quebecois 3 alliance 4 conservative 5 ndp 97 other 98 don't know 99 refused . missing cpsk1b: 1 liberal 2 bloc quebecois	gen pid=cpsk1a replace pid=cpsk1b if cpsk1a==. recode pid 0=0 1=1 2=5 3=4 4=2 5=3 7=0 97=7 98=0 99 . = . [Note: I code the Alliance as Reform.]

			3 alliance 4 conservative 5 ndp 7 no preference 98 don't know 99 refused	
2004	**cps_q1a and cps_q1b** [Note: These two variables represent a split sample question wording experiment.]	cps_q1a: [in QC] In federal politics, do you usually think of yourself as a: Liberal, Conservative, N.D.P, Bloc Québécois, or none of these? [in ROC] In federal politics, do you usually think of yourself as a: Liberal, Conservative, N.D.P, or none of these? cps_q1b: [in QC] In federal politics, do you usually think of yourself as a: Liberal, Conservative, N.D.P, Bloc Québécois, another party, or no party? [in ROC] In federal politics, do you usually think of yourself as a: Liberal, Conservative, N.D.P, another party, or no party?	cps_q1a: 0 none of these 1 liberal (grits) 2 conservative (new conservative party) 3 ndp 4 bloc quebecois 5 alliance 6 pc/progressive conservative/old conservative 8 green party 97 other [specify] 98 don't know 99 refused . missing (administered cps_q1b) cps_q1b: 0 no party 1 liberal (grits) 2 conservative 3 ndp 4 bloc quebecois 5 alliance	gen pid1a=cps_q1a recode pid1a 0=0 1=1 2=2 3=3 4=5 5/97=7 98=0 99 . = . gen pid1b=cps_q1b recode pid1b 0=0 1=1 2=2 3=3 4=5 5/10=7 98=0 99 . = . gen pid=pid1a replace pid=pid1b if pid1a==. drop pid1a pid1b [Note: In this instance, I code the Alliance and the old PCs as Other.]

			6 pc/progressive conservative/old conservative 8 green party 9 another party 10 marijuana party 98 don't know 99 refused . missing (administered cps_1a)	
2006	**cps_q1a0 and cps_q1b0** [Note: These two variables represent a split sample question wording experiment.]	cps_q1a0: [in QC] In federal politics, do you usually think of yourself as a: Liberal, Conservative, N.D.P, Bloc Québécois, or none of these? [in ROC] In federal politics, do you usually think of yourself as a: Liberal, Conservative, N.D.P, or none of these? cps_q1b0: [in QC] In federal politics, do you usually think of yourself as a: Liberal, Conservative, N.D.P, Bloc Québécois, another party, or no party? [in ROC] In federal politics, do you usually think of yourself as a: Liberal, Conservative, N.D.P, another party, or no party?	cps_q1a0: 0 other [not coded elsewhere] 1 liberal (grits) 2 conservative (tory, pcs) 3 ndp (new democrats) 4 bloc quebecois (bq, pq, bloc) 5 green party 97 none of these 98 don't know 99 refused . missing cps_q1b0: 0 other [not coded elsewhere] 1 liberal (grits) 2 conservative (tory, pcs) 3 ndp (new democrats) 4 bloc quebecois (bq, pq,	gen pid1a=cps_q1a0 recode pid1a 0=7 1=1 2=2 3=3 4=5 5=7 97=0 98=0 99 . = . gen pid1b=cps_q1b0 recode pid1b 0=7 1=1 2=2 3=3 4=5 5=7 9=7 97=0 98=0 99 . = . gen pid=pid1a replace pid=pid1b if pid1a==. drop pid1a pid1b

			bloc) 5 green party 9 another party 97 no party 98 don't know 99 refused . missing	
2008	**ces08_cps_q1a and ces08_pes_k1** Note: Since only the 2008 RDD component participated in the CPS, I must rely on the post-election PID question to code the panel component. Consequently, I use: **ces08_cps_q1a** for 2008 RDD respondents, and **ces08_pes_k1** for 2008 panel respondents.	ces08_cps_q1a: [if PROV eq <24>] In federal politics, do you usually think of yourself as a: Liberal, Conservative, N.D.P, Bloc Québécois, Green Party, or none of these? [else] In federal politics, do you usually think of yourself as a: Liberal, Conservative, N.D.P, Green Party, or none of these? [endif] ces08_pes_k1: [if PROV eq <24>] In federal politics, do you usually think of yourself as a Liberal, Conservative, N.D.P, Bloc Québécois, Green Party, or none of these? [else] In federal politics, do you usually think of yourself as a Liberal, Conservative, N.D.P, Green Party, or none of these? [endif]	ces08_cps_q1a: 0 other 1 liberal (grits) 2 conservative (tory, pcs) 3 ndp (new democrats) 4 bloc quebecois (bq, pq, bloc) 5 green party 97 none of these 98 don't know 99 refused . missing ces08_pes_k1: 0 other 1 liberal (grits) 2 conservative (tory, pcs) 3 ndp (new democrats) 4 bloc quebecois (bq, pq, bloc) 5 green party (greens) 97 none of these 98 don't know 99 refused	gen pid= ces08_cps_q1a if panel040608==0 replace pid= ces08_pes_k1 if panel040608==1 recode pid 0=7 1=1 2=2 3=3 4=5 5=7 97 98 = 0 99 . = .

			. missing	
2011	ces11_71	In federal politics, do you usually think of yourself as a: Liberal, Conservative, N.D.P, [if PROV eq <24>]Bloc Québécois,[endif] Green Party, or none of these?	0 other 1 liberal (grits) 2 conservative (tory, pcs) 3 ndp (new democrats) 4 bloc quebecois (bq, pq, bloc) 5 green party (greens) 6 none of these 8 don't know 9 refused . missing	gen pid=ces11_71 recode pid 4=5 6=0 0=7 9=. 8=0 5=7