Diffusion of Democracy Project

> ### Appendix Three:
> Data

Origin of Polities Data
revised 11/30/99

Data values: Independence date
Data values: Origin, Colonial power
Conceptual scheme and coding rules

Previous studies have suggested that former British colonies inherit unique pre-democratic political institutions and/or political culture. The length of the independence period has also been postulated as a source of stability in political forms. To test these (and related) ideas, date of independence and certain aspects of the origin of each polity was coded from CIA World Factbook (http://www.odci.gov/cia/publications/factbook/index.html)

Date of independence was coded verbatim; exceptions noted at bottom of file.
Origin and predecessor of polities was coded principally from parenthetical notes following independence date by investigators Ahearn (Asia), Belcak (Africa), Coyle (Europe), McLaughlin (MiddleEast) and Vazquez (Western Hemisphere), circa 11-16 November 1999. Original coding forms, which also include notes on religion, language, and ethnic groups (not further described herein or coded) are stored on the project web. Coding rules and questionable decisions were discussed and adopted at subsequent project meetings.

Rules were formulated to capture concepts related to the postulate that a nation's political institutions are, *inter alia*, a function of (1) the political institutions implanted immediately prior to and at the founding of the polity, and (2) the elapsed time since independence. The founding institutions are postulated to be those of the predecessor polity at the independence date. For most nations, the predecessor is a colonial master or an earlier polity from which the later one is derived. Specific coding rules follow. Time since independence will be modelled as a decay function, the form of which to be subsequently determined by empirical test of *a priori* parabolic assumption.

Specific coding rules
1. A polity originating prior to the period coded by the Polity III project (1800) is categorized as an ancien regime (99). If colonial effects decay parabolically as postulated, little relevant information is lost by ignoring earlier origins. As a practical matter, earlier origins are subject to wide interpretation and no codings are available for those predecessor polities. The predicted DEMO21 at founding for these nations is yet to be determined (possibilities are -10 to reflect prevailing autocracy or a neutral code or a dummy). Known exceptions: (1) US is coded as British colony and assigned UK's DEMO21 as of 1800; Liberia is coded as a "new polity" (98), but assigned US's DEMO21 of 1837 to reflect its special role.

2. A polity is coded as a colony of the power from which it received independence on the given date. The predecessor polity is that colonial master and the founding DEMO21 prediction is that of the colonial power on that date. Exceptions: see 3. below

3. If the final colonial period lasted 15 years or less, a prior colonial master or polity will be considered the predecessor.

4. A polity formed by a split of a predecessor polity is considered a new polity (90) (it is not coded as a colony), but its founding DEMO21 is that of the predecessor. An ex-colony is distinguished from a new polity only with difficulty. Generally, a colony (a) is clearly subordinate in power, (b) has political institutions imposed upon it, (c) is governed as an autonomous unit, and (d) was incorporated by force. Generally, a polity deriving from a split lacks two or more of these attributes. Specific cases: most of the former Soviet Republics are coded as ex-colonies, principally because they were acquired by conquest. Russia, Belarus, and Ukraine are coded as splits, having been part of the Russian Empire before 1800 and having substantial populations willingly part of the USSR. Those former parts of the Ottoman Empire predominantly Muslim were coded as splits; non-Muslims as ex-colonies.

5. A polity formed by a merger of predecessors may be treated as a new polity or a continuation of one of the old ones. Coding will follow the Polity III decision. If it is a continuation, the merger is treated as a non-event and the independence date and predecessor is inherited. If it is a new polity (91), it will be assigned the DEMO21 of the dominant predecessor, indicated by the new capital if no judgement of dominance can be made.

6. If the predecessor has a DEMO21 missing data code (interruption, interregnum, etc.) as of the independence date of the new polity, the assigned DEMO21 for the new polity is the most recent previous non-missing DEMO21 codeof the predecessor.

```
                                        Origin of Polities
                                    Colony becomes independent
                                    from:
                          Predecess     1 200  England
                          or            2 230  Spain
ICPSR Nation          Independence Date Origin  3 220  France
Demo21                                          4 235  Portugal
002  USA                   4 July      1776  1      –     5 002  United States
2                                                   6 211  Belgium
020  Canada                1 July      1867  1      7 210  Netherlands
3                                                   8 255  Germany
040  Cuba                 20 May       1902  2      9 640  Ottoman Emp
6                                                  10 365  USSR
041  Haiti                 1 January   1804  3      –    11 325  Italy
8                                                  12 365  Russian Empire
042  Dominican Republic   27 February  1844 90 041  –    13 300  Austro-Hungarian
3                                                  14 380  Sweden
051  Jamaica               6 August    1962  1          19 560  South Africa
10                                                 20 710  China
052  Trinidad             31 August    1962  1          22 900  Australia
10                                                 23 740  Japan
070  Mexico               16 September 1810  2      –    90     Created from split
10                                                 91     Created from merger
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090 Guatemala            15 September 1821   2        -4
091 Honduras             15 September 1821   2        -4
092 El Salvador          15 September 1821   2        -4
093 Nicaragua            15 September 1821   2        -4
094 Costa Rica           15 September 1821   2        -4
095 Panama                3 November  1903  90 100     0
100 Columbia             20 July      1810   2       -10
101 Venezuela             5 July      1811   2       -10
110 Guyana               26 May       1966   1        10
130 Ecuador              24 May       1822   2        -4
135 Peru                 28 July      1821   2        -4
140 Brazil                7 September 1822   4       -10
145 Bolivia               6 August    1825   2        -6
150 Paraguay             14 May       1811   2       -10
155 Chile                18 September 1810   2       -10
160 Argentina             9 July      1816   2        -9
165 Uruguay              25 August    1825   4        -3
200 United Kingdom                    1707  99
205 Ireland               6 December  1921   1         8
210 Netherlands                       1579  99
211 Belgium               4 October   1830  90 210    -6
212 Luxembourg                        1839  90 210    -6
220 France                             486  99
225 Switzerland           1 August    1291  99
230 Spain                             1492  99
235 Portugal                          1140  99
255 Germany/Prussia       4 October   1990  91 260    10
260 German Fed Republic               1949  90 255    -9
265 German Dem Republic               1949  90 255    -9
290 Poland               11 November  1918  12        -1
305 Austria              14 November  1918  90 300    -4
310 Hungary              17 November  1918  90 300    -4
315 Czechoslovakia       30 October   1918  13 300    -4
316 Czech Republic        1 January   1993  90 315     8
317 Slovakia              1 January   1993  90 315     8
325 Italy                17 March     1861  91 325    -7
339 Albania              28 November  1912  90 640    -1
343 Macedonia            17 September 1991  90 345    -1
344 Croatia              25 June      1991  90 345    -1
345 Yugoslavia/Serbia                 1882  90 345    -1
346 Bosnia-Herzegovina      April     1992  90 345    -1
349 Slovenia             25 June      1991  90 345    -1
350 Greece                            1829   9       -10
352 Cyprus               16 August    1960   1        10
355 Bulgaria              3 March     1878   9       -10
359 Moldova              27 August    1991  10         0
360 Rumania                           1881   9       -10
365 Russia               24 August    1991  90 365     0
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366 Estonia               6 September 1991 10       0
367 Latvia                6 September 1991 10       0
368 Lithuania             6 September 1991 10       0
369 Ukraine               1 December  1991 90 365   0
370 Belarus                          1991 90 365    0
371 Armenia                          1991 10        0
372 Georgia                          1991 10        0
373 Azerbaijan                       1991 10        0
375 Finland               6 December  1917 12      -1
380 Sweden                6 June      1523 99
385 Norway               26 October   1905 14
390 Denmark                          1849 14
395 Iceland                          1918 90 390
404 Guinea-Bissau        24 September 1973  4      -9
420 Gambia               18 February  1965  1      10
432 Mali                 22 September 1960  3       5
433 Senegal               4 April     1960  3       5
434 Benin                 1 August    1960  3       5
435 Mauritania           28 November  1960  3       5
436 Niger                 3 August    1960  3       5
437 Cote d'Ivoire         7 August    1960  3       5
438 Guinea                2 October   1958  3       5
439 Burkina Faso          5 August    1960  3       5
450 Liberia              26 July      1847 98 002  10
451 Sierra Leone         27 April     1961  1      10
452 Ghana                 6 March     1957  1      10
461 Togo                 27 April     1960  3       5
471 Cameroon              1 January   1960  3       5
475 Nigeria               1 October   1960  1      10
481 Gabon                17 August    1960  3       5
482 CenAfricanRep        13 August    1960  3       5
483 Chad                 11 August    1960  3       5
484 DemRepCongo          30 June      1960  6      10
490 Congo-Brazzaville    15 August    1960  3       5
500 Uganda                9 October   1962  1      10
501 Kenya                12 December  1963  1      10
510 Tanzania             26 April     1964  1      10
516 Burundi               1 July      1962  6      10
517 Rwanda                1 July      1962  6      10
520 Somalia               1 July      1960 11      10
530 Ethiopia                         -001 99
540 Angola               11 November  1975  4      -9
541 Mozambique           25 June      1975  4      -9
551 Zambia               24 October   1964  1      10
552 Zimbabwe             18 April     1980  1      10
553 Malawi                6 July      1964  1      10
560 South Africa         31 May       1910  1       8
565 Namibia              21 March     1990 19       5
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570 Lesotho                  4 October   1966    1       10
571 Botswana                30 September 1966    1       10
572 Swaziland                6 September 1968    1       10
580 Madagascar              26 June      1960    3        5
581 Comoros                  6 July      1975    3        8
590 Mauritius               12 March     1968    1       10
600 Morocco                  2 March     1956    3       10
615 Algeria                  5 July      1962    3        5
616 Tunisia                 20 March     1956    3       10
620 Libya                   24 December  1951   11       10
625 Sudan                    1 January   1956    1       10
630 Iran                                 1945   99
640 Turkey                  29 October   1923   90 640   -1
645 Iraq                     3 October   1932    1       10
651 Egypt                   28 February  1922    1       10
652 Syria                   17 April     1946    3        0
660 Lebanon                 22 November  1943    3        0
663 Jordan                  25 May       1946    1       10
666 Israel                  14 May       1948    1       10
670 Saudi Arabia            23 September 1932   90 640   -6
678 Yemen Arab Republic        November  1918   90 640   -1
679 Yemen                   22 May       1990   91 678
680 Yemen People's Rep      30 November  1967    1       10
690 Kuwait                  19 June      1961    1       10
692 Bahrain                 15 August    1971    1       10
696 United Arab Emirates     2 December  1971    1       10
698 Oman                                 1650    4
700 Afghanistan             19 August    1919    1        9
701 Turkmenistan            27 October   1991   10        0
702 Tajikistan               9 September 1991   10        0
703 Kyrgystan               31 August    1991   10        0
704 Uzbekistan              31 August    1991   10        0
705 Kazakhstan              16 December  1991   10        0
710 China                               -221   99
712 Mongolia                13 March     1921   20       -5
713 Taiwan                  12 August    1949   23        1
730 Korea                                1876   20       -6
731 DemPeoplesRepKorea       9 September 1948   23        1
732 Republic of Korea       15 August    1945   23        1
740 Japan                                -660   99
750 India                   15 August    1947    1       10
760 Bhutan                   8 August    1949    1       10
770 Pakistan                14 August    1947    1       10
771 Bangladesh              16 December  1971   90 770    3
775 Myanmar (Burma)          4 January   1948    1       10
780 Sri Lanka (Ceylon)       4 February  1948    1       10
790 Nepal                                1768   99
800 Thailand                             1238   99
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811 Cambodia (Kampuchea) 9 November  1953  3       10
812 Laos                19 July      1949  3       10
816 DemRepVietnam        2 September 1945  3       -9
817 RepublicVietnam      2 September 1945  3       -9
820 Malaysia            31 August    1957  1       10
830 Singapore            9 August    1965  1       10
840 Philippines          4 July      1946  5       10
850 Indonesia           17 August    1945  7       10
900 Australia            1 January    1901  1        9
910 Papua New Guinea    16 September 1975  22      10
920 New Zealand         26 September 1907  1        9
950 Fiji                10 October    1970  1       10
999 Maldives            26 July      1965  1       10
999 Cape Verde           5 July      1975  4       -9
999 Djibouti            27 June      1977  3        8
999 Equitorial Guinea   12 October    1968  2       -7
999 Eritrea             24 May       1993  (from Ethiopia)999
999 Sao Tome            12 July      1975  4       -9
```

Exceptions to general coding procedures: Date of independence

```
255 Germany/Prussia: the relevant date is not Factbook's 18 January 1871
because that polity ended before the time period of our study. The current
Germany (255) was born 4October 1990. The predecessor state is the Federal
Republic.

305 Austria: Factbook gives 1156, but Polity III gives 1918.
310 Hungary: Factbook gives 1001, but Polity III gives 29 May 1867. Since P3
lists both 300 (Austria-Hungary) and 310 with identical scores from 1867 to
1918, our study codes the origin with the 1918 date that coincides with the
demise of 300.

630 Iran: Factbook gives 1979, but P3 lists 630 Iran/Persia as existing from
1800. P3 is more consistent with other codings.

713 Taiwan: Factbook gives 1911 (Chinese nationalist revolution), but P3 uses
1949. Japan exerted colonial power for first half of 20th century.
```

Exceptions to general coding procedures: Predecessor states

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325 Italy P3 codes Italy/Sardinia from 1815, so 325 is both polity and
predecessor polity.
```

Appendix Three:
  Data   **Contiguity Data**

        The following pages reproduce the data used to compute the average level of democracy among
contiguous neighbors. It is derived from multiple sources, including original coding by project investigators.
The data itself, together with various codes and other formatting information are contained in a project
QPRO file, /Diffuse/ContiguityData.wb3.

        The following SPSS command file was used to create a system file later integrated into the project
system file (XDEMOCRACY2).

```
TITLE   "[CREATE.CONTIGUITY] Create SPSS file of CONTIGUITY data for Diffusion"
FILE HANDLE   raw     / name='ContiguityData.upload.txt'
FILE HANDLE   xfile   / name='xdemocracy'
FILE HANDLE   xcontig / name='x.contiguity'
SET Length = 999999
SET Undefined = NOWARN
SET MxWarns = 999999


COMMENT The ContiguityData began as a QPRO file, saved as text and edited
COMMENT It contains only one set of contiguous nations for each entry,
COMMENT so it must be read 49 times, once for each year

INPUT PROGRAM
DATA LIST FILE = raw FIXED / nat1 1-3 ICPSR 25-27
LOOP #I = 1 to 49
COMPUTE DATE = 1945 + #I
END CASE
REREAD
DATA LIST FILE = raw FIXED / nat1 1-3 ICPSR 25-27
END LOOP
END INPUT PROGRAM


FORMATS date(f4.0)
select if (nat1 ne 999 and ICPSR ne 999)
sort cases ICPSR DATE


COMMENT Note that *NOW* NAT1 is the nation and ICPSR is all of its neighbors
COMMENT Now, match each neighbor with its democracy variable
MATCH FILES FILE=* / TABLE = xfile
```

```
       / BY ICPSR DATE / map
       /KEEP = NAT1 ICPSR DATE DEMO21
```

condescriptive /all

COMMENT For each NAT1 compute the average democracy value of its neighbors
AGGREGATE   OUTFILE = * / BREAK= nat1 DATE
       / numcont = nu(demo21) / vnumcont = numiss(demo21)
       / democont = mean(demo21) / ICPSR = first(nat1)
COMMENT Note that in the new file ICPSR is again the nation, not neighbor

execute
xsave outfile = xcontig
execute

finish

Appendix Three: Data

				140	BRAZIL	165	URUGUAY
2	UNITED.STATES	20	CANADA	140	BRAZIL	999	SURINAME
2	UNITED.STATES	70	MEXICO	140	BRAZIL	999	FRENCH.GUIANA
20	CANADA	2	UNITED.STATES	145	BOLIVIA	135	PERU
41	HAITI	42	DOMINICAN.RP	145	BOLIVIA	140	BRAZIL
42	DOMINICAN.RP	41	HAITI	145	BOLIVIA	150	PARAGUAY
52	TRINIDAD.TBG	101	VENEZUELA	145	BOLIVIA	155	CHILE
70	MEXICO	2	UNITED.STATES	145	BOLIVIA	160	ARGENTINA
70	MEXICO	90	GUATEMALA	150	PARAGUAY	140	BRAZIL
70	MEXICO	999	BELIZE	150	PARAGUAY	145	BOLIVIA
90	GUATEMALA	70	MEXICO	150	PARAGUAY	160	ARGENTINA
90	GUATEMALA	91	HONDURAS	155	CHILE	135	PERU
90	GUATEMALA	92	EL.SALVADOR	155	CHILE	145	BOLIVIA
91	HONDURAS	90	GUATEMALA	155	CHILE	160	ARGENTINA
91	HONDURAS	93	NICARAGUA	160	ARGENTINA	140	BRAZIL
92	EL.SALVADOR	90	GUATEMALA	160	ARGENTINA	145	BOLIVIA
92	EL.SALVADOR	93	NICARAGUA	160	ARGENTINA	150	PARAGUAY
93	NICARAGUA	91	HONDURAS	160	ARGENTINA	155	CHILE
93	NICARAGUA	92	EL.SALVADOR	160	ARGENTINA	165	URUGUAY
93	NICARAGUA	94	COSTA.RICA	165	URUGUAY	140	BRAZIL
94	COSTA.RICA	93	NICARAGUA	165	URUGUAY	160	ARGENTINA
94	COSTA.RICA	95	PANAMA	200	UK	205	IRELAND
95	PANAMA	94	COSTA.RICA	205	IRELAND	200	UK
95	PANAMA	100	COLOMBIA	210	NETHERLANDS	211	BELGIUM-LUX.
100	COLOMBIA	95	PANAMA	210	NETHERLANDS	260	GERMANY
100	COLOMBIA	101	VENEZUELA	211	BELGIUM-LUX.	210	NETHERLANDS
100	COLOMBIA	130	ECUADOR	211	BELGIUM-LUX.	220	FRANCE
100	COLOMBIA	140	BRAZIL	211	BELGIUM-LUX.	260	GERMANY
101	VENEZUELA	52	TRINIDAD.TBG	212	LUXEMBOURG	211	BELGIUM-LUX.
101	VENEZUELA	100	COLOMBIA	212	LUXEMBOURG	220	FRANCE
101	VENEZUELA	110	GUYANA	212	LUXEMBOURG	255	PORTUGAL
101	VENEZUELA	140	BRAZIL	220	FRANCE	211	BELGIUM-LUX.
110	GUYANA	101	VENEZUELA	220	FRANCE	225	SWITZERLAND
110	GUYANA	140	BRAZIL	220	FRANCE	230	SPAIN
110	GUYANA	999	SURINAME	220	FRANCE	260	GERMANY
130	ECUADOR	100	COLOMBIA	220	FRANCE	325	ITALY
130	ECUADOR	135	PERU	225	SWITZERLAND	220	FRANCE
130	ECUADOR	135	PERU	225	SWITZERLAND	260	GERMANY
135	PERU	130	ECUADOR	225	SWITZERLAND	305	AUSTRIA
135	PERU	130	ECUADOR	225	SWITZERLAND	325	ITALY
135	PERU	140	BRAZIL	230	SPAIN	220	FRANCE
135	PERU	145	BOLIVIA	230	SPAIN	235	PORTUGAL
135	PERU	155	CHILE	235	PORTUGAL	230	SPAIN
140	BRAZIL	100	COLOMBIA	260	GERMANY	210	NETHERLANDS
140	BRAZIL	101	VENEZUELA	260	GERMANY	211	BELGIUM-LUX.
140	BRAZIL	110	GUYANA	260	GERMANY	220	FRANCE
140	BRAZIL	135	PERU	260	GERMANY	225	SWITZERLAND
140	BRAZIL	145	BOLIVIA	260	GERMANY	265	FM.GERMAN.DM.RP
140	BRAZIL	150	PARAGUAY	260	GERMANY	305	AUSTRIA
140	BRAZIL	160	ARGENTINA	260	GERMANY	315	CZECHOSLOVAKIA

260	GERMANY	390	DENMARK	349	SLOVENIA	305	AUSTRIA
265	FM.GERMAN.DM.RP	260	GERMANY	349	SLOVENIA	310	HUNGARY
265	FM.GERMAN.DM.RP	290	POLAND	349	SLOVENIA	325	ITALY
265	FM.GERMAN.DM.RP	315	CZECHOSLOVAKIA	349	SLOVENIA	344	CROATIA
290	POLAND	265	FM.GERMAN.DM.RP	350	GREECE	339	ALBANIA
290	POLAND	315	CZECHOSLOVAKIA	350	GREECE	345	FM.YUGOSLAVIA
290	POLAND	365	FM.USSR	350	GREECE	355	BULGARIA
305	AUSTRIA	225	SWITZERLAND	350	GREECE	640	TURKEY
305	AUSTRIA	260	GERMANY	355	BULGARIA	345	FM.YUGOSLAVIA
305	AUSTRIA	325	ITALY	355	BULGARIA	350	GREECE
305	AUSTRIA	345	FM.YUGOSLAVIA	355	BULGARIA	360	ROMANIA
310	HUNGARY	315	CZECHOSLOVAKIA	355	BULGARIA	640	TURKEY
310	HUNGARY	360	ROMANIA	359	MOLDOVA	360	ROMANIA
310	HUNGARY	365	FM.USSR	359	MOLDOVA	369	UKRAINE
315	CZECHOSLOVAKIA	260	GERMANY	360	ROMANIA	310	HUNGARY
315	CZECHOSLOVAKIA	265	FM.GERMAN.DM.RP	360	ROMANIA	345	FM.YUGOSLAVIA
315	CZECHOSLOVAKIA	290	POLAND	360	ROMANIA	355	BULGARIA
315	CZECHOSLOVAKIA	310	HUNGARY	360	ROMANIA	365	FM.USSR
315	CZECHOSLOVAKIA	365	FM.USSR	365	FM.USSR	290	POLAND
315	CZECHOSLOVAKIA	385	NORWAY	365	FM.USSR	310	HUNGARY
316	CZECH.REPUBLIC	255	PORTUGAL	365	FM.USSR	315	CZECHOSLOVAKIA
316	CZECH.REPUBLIC	290	POLAND	365	FM.USSR	360	ROMANIA
316	CZECH.REPUBLIC	305	AUSTRIA	365	FM.USSR	375	FINLAND
316	CZECH.REPUBLIC	317	SLOVAKIA	365	FM.USSR	640	TURKEY
317	SLOVAKIA	290	POLAND	365	FM.USSR	700	AFGHANISTAN
317	SLOVAKIA	305	AUSTRIA	365	FM.USSR	710	CHINA
317	SLOVAKIA	310	HUNGARY	365	FM.USSR	712	MONGOLIA
317	SLOVAKIA	316	CZECH.REPUBLIC	366	ESTONIA	365	FM.USSR
317	SLOVAKIA	369	UKRAINE	366	ESTONIA	367	LATVIA
325	ITALY	220	FRANCE	367	LATVIA	366	ESTONIA
325	ITALY	225	SWITZERLAND	367	LATVIA	368	LITHUANIA
325	ITALY	305	AUSTRIA	367	LATVIA	370	BELARUS
325	ITALY	345	FM.YUGOSLAVIA	368	LITHUANIA	290	POLAND
339	ALBANIA	345	FM.YUGOSLAVIA	368	LITHUANIA	365	FM.USSR
339	ALBANIA	350	GREECE	368	LITHUANIA	367	LATVIA
343	MACEDONIA	339	ALBANIA	368	LITHUANIA	370	BELARUS
343	MACEDONIA	345	FM.YUGOSLAVIA	369	UKRAINE	317	SLOVAKIA
343	MACEDONIA	350	GREECE	369	UKRAINE	359	MOLDOVA
343	MACEDONIA	355	BULGARIA	369	UKRAINE	360	ROMANIA
344	CROATIA	310	HUNGARY	369	UKRAINE	365	FM.USSR
344	CROATIA	345	FM.YUGOSLAVIA	369	UKRAINE	370	BELARUS
344	CROATIA	346	BOSNIA	370	BELARUS	365	FM.USSR
344	CROATIA	349	SLOVENIA	370	BELARUS	367	LATVIA
345	FM.YUGOSLAVIA	305	AUSTRIA	370	BELARUS	368	LITHUANIA
345	FM.YUGOSLAVIA	325	ITALY	370	BELARUS	369	UKRAINE
345	FM.YUGOSLAVIA	339	ALBANIA	371	ARMENIA	372	GEORGIA
345	FM.YUGOSLAVIA	350	GREECE	371	ARMENIA	373	AZERBAIJAN
345	FM.YUGOSLAVIA	355	BULGARIA	371	ARMENIA	630	IRAN
345	FM.YUGOSLAVIA	360	ROMANIA	371	ARMENIA	640	TURKEY
346	BOSNIA	344	CROATIA	372	GEORGIA	365	FM.USSR
346	BOSNIA	345	FM.YUGOSLAVIA	372	GEORGIA	371	ARMENIA

372	GEORGIA	373	AZERBAIJAN	437	COTE.D'IVOIRE	439	BURKINA.FASO
372	GEORGIA	640	TURKEY	437	COTE.D'IVOIRE	450	LIBERIA
373	AZERBAIJAN	365	FM.USSR	437	COTE.D'IVOIRE	452	GHANA
373	AZERBAIJAN	371	ARMENIA	438	GUINEA	404	GUINEA-BISSAU
373	AZERBAIJAN	372	GEORGIA	438	GUINEA	432	MALI
373	AZERBAIJAN	630	IRAN	438	GUINEA	433	SENEGAL
373	AZERBAIJAN	640	TURKEY	438	GUINEA	437	COTE.D'IVOIRE
375	FINLAND	365	FM.USSR	438	GUINEA	450	LIBERIA
375	FINLAND	380	SWEDEN	438	GUINEA	451	SIERRA.LEONE
375	FINLAND	385	NORWAY	439	BURKINA.FASO	432	MALI
380	SWEDEN	375	FINLAND	439	BURKINA.FASO	434	BENIN
380	SWEDEN	385	NORWAY	439	BURKINA.FASO	436	NIGER
380	SWEDEN	390	DENMARK	439	BURKINA.FASO	437	COTE.D'IVOIRE
385	NORWAY	315	CZECHOSLOVAKIA	439	BURKINA.FASO	452	GHANA
385	NORWAY	375	FINLAND	439	BURKINA.FASO	461	TOGO
385	NORWAY	380	SWEDEN	450	LIBERIA	437	COTE.D'IVOIRE
390	DENMARK	260	GERMANY	450	LIBERIA	438	GUINEA
390	DENMARK	380	SWEDEN	450	LIBERIA	451	SIERRA.LEONE
404	GUINEA-BISSAU	433	SENEGAL	451	SIERRA.LEONE	438	GUINEA
404	GUINEA-BISSAU	438	GUINEA	451	SIERRA.LEONE	450	LIBERIA
420	GAMBIA	433	SENEGAL	452	GHANA	437	COTE.D'IVOIRE
432	MALI	433	SENEGAL	452	GHANA	439	BURKINA.FASO
432	MALI	435	MAURITANIA	452	GHANA	461	TOGO
432	MALI	436	NIGER	461	TOGO	434	BENIN
432	MALI	437	COTE.D'IVOIRE	461	TOGO	434	BENIN
432	MALI	438	GUINEA	461	TOGO	439	BURKINA.FASO
432	MALI	439	BURKINA.FASO	461	TOGO	452	GHANA
432	MALI	615	ALGERIA	471	CAMEROON	475	NIGERIA
433	SENEGAL	404	GUINEA-BISSAU	471	CAMEROON	481	GABON
433	SENEGAL	420	GAMBIA	471	CAMEROON	482	CENTRAL.AFR.REP
433	SENEGAL	432	MALI	471	CAMEROON	483	CHAD
433	SENEGAL	435	MAURITANIA	471	CAMEROON	484	CONGO
433	SENEGAL	438	GUINEA	471	CAMEROON	999	EQ.GUINEA
434	BENIN	436	NIGER	475	NIGERIA	434	BENIN
434	BENIN	439	BURKINA.FASO	475	NIGERIA	436	NIGER
434	BENIN	461	TOGO	475	NIGERIA	471	CAMEROON
434	BENIN	461	TOGO	475	NIGERIA	483	CHAD
434	BENIN	475	NIGERIA	481	GABON	471	CAMEROON
435	MAURITANIA	432	MALI	481	GABON	484	CONGO
435	MAURITANIA	433	SENEGAL	481	GABON	999	EQ.GUINEA
435	MAURITANIA	615	ALGERIA	482	CENTRAL.AFR.REP	471	CAMEROON
435	MAURITANIA	999	WESTERN.SAHARA	482	CENTRAL.AFR.REP	483	CHAD
436	NIGER	432	MALI	482	CENTRAL.AFR.REP	484	CONGO
436	NIGER	434	BENIN	482	CENTRAL.AFR.REP	490	ZAIRE
436	NIGER	439	BURKINA.FASO	482	CENTRAL.AFR.REP	625	SUDAN
436	NIGER	475	NIGERIA	483	CHAD	436	NIGER
436	NIGER	483	CHAD	483	CHAD	471	CAMEROON
436	NIGER	615	ALGERIA	483	CHAD	475	NIGERIA
436	NIGER	620	LIBY.ARAB.JM	483	CHAD	482	CENTRAL.AFR.REP
437	COTE.D'IVOIRE 432	MALI		483	CHAD	620	LIBY.ARAB.JM
437	COTE.D'IVOIRE 438	GUINEA		483	CHAD	625	SUDAN

483	CHAD	625	SUDAN	565	NAMIBIA	560	SOUTH.AFRICA
484	CONGO	471	CAMEROON	565	NAMIBIA	571	BOTSWANA
484	CONGO	481	GABON	570	LESOTHO	560	SOUTH.AFRICA
484	CONGO	482	CENTRAL.AFR.REP	571	BOTSWANA	552	ZIMBABWE
484	CONGO	490	ZAIRE	571	BOTSWANA	560	SOUTH.AFRICA
490	ZAIRE	482	CENTRAL.AFR.REP	571	BOTSWANA	565	NAMIBIA
490	ZAIRE	484	CONGO	572	SWAZILAND	541	MOZAMBIQUE
490	ZAIRE	500	UGANDA	572	SWAZILAND	560	SOUTH.AFRICA
490	ZAIRE	516	BURUNDI	600	MOROCCO	615	ALGERIA
490	ZAIRE	517	RWANDA	600	MOROCCO	999	WESTERN.SAHARA
490	ZAIRE	540	ANGOLA	615	ALGERIA	432	MALI
490	ZAIRE	551	ZAMBIA	615	ALGERIA	435	MAURITANIA
490	ZAIRE	625	SUDAN	615	ALGERIA	436	NIGER
500	UGANDA	490	ZAIRE	615	ALGERIA	600	MOROCCO
500	UGANDA	501	KENYA	615	ALGERIA	616	TUNISIA
500	UGANDA	517	RWANDA	615	ALGERIA	620	LIBY.ARAB.JM
500	UGANDA	625	SUDAN	615	ALGERIA	999	WESTERN.SAHARA
501	KENYA	500	UGANDA	616	TUNISIA	615	ALGERIA
501	KENYA	520	SOMALIA	616	TUNISIA	620	LIBY.ARAB.JM
501	KENYA	530	ETHIOPIA	620	LIBY.ARAB.JM	436	NIGER
501	KENYA	625	SUDAN	620	LIBY.ARAB.JM	483	CHAD
516	BURUNDI	490	ZAIRE	620	LIBY.ARAB.JM	615	ALGERIA
517	RWANDA	490	ZAIRE	620	LIBY.ARAB.JM	616	TUNISIA
517	RWANDA	500	UGANDA	620	LIBY.ARAB.JM	625	SUDAN
520	SOMALIA	501	KENYA	620	LIBY.ARAB.JM	650	EGYPT
520	SOMALIA	530	ETHIOPIA	625	SUDAN	482	CENTRAL.AFR.REP
530	ETHIOPIA	501	KENYA	625	SUDAN	483	CHAD
530	ETHIOPIA	520	SOMALIA	625	SUDAN	483	CHAD
530	ETHIOPIA	625	SUDAN	625	SUDAN	490	ZAIRE
530	ETHIOPIA	999	DJIBOUTI	625	SUDAN	500	UGANDA
540	ANGOLA	490	ZAIRE	625	SUDAN	501	KENYA
540	ANGOLA	551	ZAMBIA	625	SUDAN	530	ETHIOPIA
541	MOZAMBIQUE	551	ZAMBIA	625	SUDAN	620	LIBY.ARAB.JM
541	MOZAMBIQUE	552	ZIMBABWE	625	SUDAN	650	EGYPT
541	MOZAMBIQUE	553	MALAWI	630	IRAN	640	TURKEY
541	MOZAMBIQUE	560	SOUTH.AFRICA	630	IRAN	645	IRAQ
551	ZAMBIA	490	ZAIRE	630	IRAN	645	IRAQ
551	ZAMBIA	540	ANGOLA	630	IRAN	700	AFGHANISTAN
551	ZAMBIA	541	MOZAMBIQUE	630	IRAN	770	PAKISTAN
551	ZAMBIA	552	ZIMBABWE	640	TURKEY	350	GREECE
551	ZAMBIA	553	MALAWI	640	TURKEY	355	BULGARIA
552	ZIMBABWE	541	MOZAMBIQUE	640	TURKEY	365	FM.USSR
552	ZIMBABWE	551	ZAMBIA	640	TURKEY	630	IRAN
552	ZIMBABWE	560	SOUTH.AFRICA	640	TURKEY	645	IRAQ
553	MALAWI	541	MOZAMBIQUE	640	TURKEY	652	SYRN.ARAB.RP
553	MALAWI	551	ZAMBIA	640	TURKEY	660	LEBANON
560	SOUTH.AFRICA	541	MOZAMBIQUE	645	IRAQ	630	IRAN
560	SOUTH.AFRICA	552	ZIMBABWE	645	IRAQ	630	IRAN
565	NAMIBIA	540	ANGOLA	645	IRAQ	640	TURKEY
565	NAMIBIA	551	ZAMBIA	645	IRAQ	652	SYRN.ARAB.RP
565	NAMIBIA	552	ZIMBABWE	645	IRAQ	663	JORDAN

645	IRAQ		670	SAUDI.ARABIA	701	TURKMENISTAN	704	UZBEKISTAN
645	IRAQ		690	KUWAIT	701	TURKMENISTAN	705	KAZAKHSTAN
650	EGYPT		620	LIBY.ARAB.JM	702	TAJIKISTAN	700	AFGHANISTAN
650	EGYPT		625	SUDAN	702	TAJIKISTAN	703	KYRGYZSTAN
650	EGYPT		663	JORDAN	702	TAJIKISTAN	704	UZBEKISTAN
650	EGYPT		666	ISRAEL	702	TAJIKISTAN	710	CHINA
650	EGYPT		670	SAUDI.ARABIA	703	KYRGYZSTAN	702	TAJIKISTAN
652	SYRN.ARAB.RP	640	TURKEY		703	KYRGYZSTAN	704	UZBEKISTAN
652	SYRN.ARAB.RP	645	IRAQ		703	KYRGYZSTAN	705	KAZAKHSTAN
652	SYRN.ARAB.RP	660	LEBANON		703	KYRGYZSTAN	710	CHINA
652	SYRN.ARAB.RP	663	JORDAN		704	UZBEKISTAN	700	AFGHANISTAN
652	SYRN.ARAB.RP	666	ISRAEL		704	UZBEKISTAN	701	TURKMENISTAN
660	LEBANON		640	TURKEY	704	UZBEKISTAN	702	TAJIKISTAN
660	LEBANON		652	SYRN.ARAB.RP	704	UZBEKISTAN	703	KYRGYZSTAN
660	LEBANON		666	ISRAEL	704	UZBEKISTAN	705	KAZAKHSTAN
663	JORDAN		645	IRAQ	705	KAZAKHSTAN	365	FM.USSR
663	JORDAN		650	EGYPT	705	KAZAKHSTAN	701	TURKMENISTAN
663	JORDAN		652	SYRN.ARAB.RP	705	KAZAKHSTAN	703	KYRGYZSTAN
663	JORDAN		666	ISRAEL	705	KAZAKHSTAN	704	UZBEKISTAN
663	JORDAN		670	SAUDI.ARABIA	705	KAZAKHSTAN	710	CHINA
666	ISRAEL		650	EGYPT	710	CHINA	365	FM.USSR
666	ISRAEL		652	SYRN.ARAB.RP	710	CHINA	700	AFGHANISTAN
666	ISRAEL		660	LEBANON	710	CHINA	712	MONGOLIA
666	ISRAEL		663	JORDAN	710	CHINA	732	KOREA.D.P.RP
670	SAUDI.ARABIA	645	IRAQ	710	CHINA	760	BHUTAN
670	SAUDI.ARABIA	650	EGYPT	710	CHINA	770	PAKISTAN
670	SAUDI.ARABIA	663	JORDAN	710	CHINA	775	MYANMAR
670	SAUDI.ARABIA	679	YEMEN	710	CHINA	790	NEPAL
670	SAUDI.ARABIA	690	KUWAIT	710	CHINA	812	LAOS.P.DEM.R
670	SAUDI.ARABIA	692	BAHRAIN	710	CHINA	816	VIETNAM
670	SAUDI.ARABIA	696	UNTD.ARAB.EM	712	MONGOLIA	365	FM.USSR
670	SAUDI.ARABIA	698	OMAN	712	MONGOLIA	710	CHINA
670	SAUDI.ARABIA	999	QATAR	730	KOREA	710	CHINA
679	YEMEN		670	SAUDI.ARABIA	732	KOREA.D.P.RP	710	CHINA
679	YEMEN		698	OMAN	740	JAPAN 998		insular
690	KUWAIT		645	IRAQ	750	INDIA	760	BHUTAN
690	KUWAIT		670	SAUDI.ARABIA	750	INDIA	770	PAKISTAN
692	BAHRAIN		670	SAUDI.ARABIA	750	INDIA	771	BANGLADESH
692	BAHRAIN		999	QATAR	750	INDIA	775	MYANMAR
696	UNTD.ARAB.EM	670	SAUDI.ARABIA	750	INDIA	790	NEPAL
696	UNTD.ARAB.EM	698	OMAN	760	BHUTAN	710	CHINA
696	UNTD.ARAB.EM	999	QATAR	760	BHUTAN	750	INDIA
698	OMAN		670	SAUDI.ARABIA	770	PAKISTAN	630	IRAN
698	OMAN		679	YEMEN	770	PAKISTAN	700	AFGHANISTAN
698	OMAN		696	UNTD.ARAB.EM	770	PAKISTAN	710	CHINA
700	AFGHANISTAN	365	FM.USSR	770	PAKISTAN	750	INDIA
700	AFGHANISTAN	630	IRAN	771	BANGLADESH	750	INDIA
700	AFGHANISTAN	710	CHINA	771	BANGLADESH	775	MYANMAR
700	AFGHANISTAN	770	PAKISTAN	775	MYANMAR	710	CHINA
701	TURKMENISTAN	630	IRAN	775	MYANMAR	750	INDIA
701	TURKMENISTAN	700	AFGHANISTAN	775	MYANMAR	771	BANGLADESH

775	MYANMAR	800	THAILAND
775	MYANMAR	812	LAOS.P.DEM.R
790	NEPAL	710	CHINA
790	NEPAL	750	INDIA
800	THAILAND	775	MYANMAR
800	THAILAND	812	LAOS.P.DEM.R
800	THAILAND	820	MALAYSIA
811	CAMBODIA	800	THAILAND
811	CAMBODIA	812	LAOS.P.DEM.R
811	CAMBODIA	817	REP.VIETNAM
812	LAOS.P.DEM.R	710	CHINA
812	LAOS.P.DEM.R	775	MYANMAR
812	LAOS.P.DEM.R	800	THAILAND
812	LAOS.P.DEM.R	816	VIETNAM
816	VIETNAM	710	CHINA
816	VIETNAM	812	LAOS.P.DEM.R
817	REP.VIETNAM	710	CHINA
817	REP.VIETNAM	811	CAMBODIA
817	REP.VIETNAM	812	LAOS.P.DEM.R
820	MALAYSIA	800	THAILAND
820	MALAYSIA	830	SINGAPORE
830	SINGAPORE	820	MALAYSIA
850	INDONESIA	910	PAPUA.N.GUINEA
910	PAPUA.N.GUINEA	850	INDONESIA
999	BELIZE	70	MEXICO
999	SURINAME	110	GUYANA
999	SURINAME	140	BRAZIL
999	FRENCH.GUIANA	140	BRAZIL
999	WESTERN.SAHARA	435	MAURITANIA
999	EQ.GUINEA	471	CAMEROON
999	EQ.GUINEA	481	GABON
999	DJIBOUTI	530	ETHIOPIA
999	WESTERN.SAHARA	600	MOROCCO
999	WESTERN.SAHARA	615	ALGERIA
999	QATAR	670	SAUDI.ARABIA
999	QATAR	692	BAHRAIN
999	QATAR	696	UNTD.ARAB.EM
999	FRENCH.GUIANA	999	SURINAME
999	SURINAME	999	FRENCH.GUIANA

Appendix Three:
  Data

Diffusion via Trade

Several measures were created of the extent of democracy found among each nation's trade partners. All are weighted by the percentage of a nation's trade with each partner. The following SPSS command file was used to create these measures, but it also integrates several files, including ContiguityData and PolityOriginsData.

```
TITLE "[DOT.TO.DIFFUSION] data.dot.x.by.dyadyear ->xdemocracy2"

COMMENT Trims IMF Direction of Trade data to 1970 & 1989 data only
COMMENT Inserts ICPSR nation codes for COUNTRY and PARTNER
COMMENT Inserts 3 democracy variables (from POLITY) for COUNTRY and PARTNER
COMMENT Computes 6 measures of the democracy of trade partners
COMMENT Also adds PolityOrigins and TradeDiffusion data


FILE HANDLE   diffbdy   / name='data.x.diffusion.1970and1989.by.dyadyear'
FILE HANDLE   dot       / name='data.dot.x.by.dyadyear'
FILE HANDLE   ncodes    / name='xcodes.dot'
FILE HANDLE   xpolity   / name = 'xpolity'
FILE HANDLE   pad2      / name = 'pad2.txt'
FILE HANDLE   aggfile  / name = 'data.x.diffuse.agg'
FILE HANDLE   sums      / name = 'data.oecd_total.diffuse.asc'
FILE HANDLE   diffbnat / name = 'data.x.diffusion.1970and1989.by.nationyear'
FILE HANDLE   forshaz  / name = 'data.diffuse.dem.1989.forshaz'
FILE HANDLE   xdem1    / name = '../diffuse/xdem1'
FILE HANDLE   xdem2    / name = '../diffuse/xdem2'
FILE HANDLE   contig  / name = '../diffuse/x.contiguity'
FILE HANDLE   xorigins / name = '../diffuse/data.x.origins'
SET  MXWARNS = 99999999
SET  UNDEFINED = NOWARN
SET LENGTH = 999999

COMMENT First, Create a system file to pad out missing entries in DOT
DATA LIST     FILE = pad2 fixed RECORDS = 1
  /1 COUNTRY 1-3 PARTNER 4-6 DATE 7-10 EXPORT 11-20 IMPORT 21-30
XSAVE OUTFILE = scratch

COMMENT Now read Direction of Trade file
ADD FILES /FILE = * / RENAME = (COUNTRY PARTNER = CO_IMF PA_IMF)
```

```
       /FILE = dot / RENAME = (COUNTRY PARTNER = CO_IMF PA_IMF)


SORT CASES by CO_IMF PA_IMF DATE
DISPLAY DICTIONARY
COMMENT Include only those dyads whose COUNTRY is in the analysis set
COMMENT Include only those years in the sample range
comment SELECT IF(ANY(CO_IMF,243,273,258,268,253,283,233,299,248,293,223,218,
comment e.g. JAIR        288,228,298,132,184,686,186,469,534,564,524,578,566))
SELECT IF(DATE ge 1950 and DATE le 1994)


COMMENT For each COUNTRY, look up the ICPSR code corresponding to its IMF code
COMMENT This requires matching IMF codes with the master code file
MATCH FILES FILE = * / TABLE = ncodes
            / RENAME = (IMF ICPSR ASHORT = CO_IMF CO_ICPSR CO_ALPHA)
            / BY CO_IMF / map
            / DROP = in41 in76 wbacode name
CONDESCRIPTIVE all


COMMENT For each PARTNER, look up the ICPSR code corresponding to its IMF code
COMMENT This requires a re-sort and another match with the master code file
SORT CASES by PA_IMF DATE
MATCH FILES FILE = * / TABLE = ncodes
            / RENAME = (IMF ICPSR ASHORT = PA_IMF PA_ICPSR PA_ALPHA)
            / BY PA_IMF / map
            / DROP = in41 in76 wbacode name


COMMENT With the ICPSR code of each PARTNER,look up its 3 POLITY variables
COMMENT This requires a match with the Polity dataset
SORT CASES BY PA_ICPSR DATE
MATCH FILES FILE=* / TABLE = xpolity
        / RENAME = (icpsr demo aut d_a = pa_icpsr pa_dem pa_aut pa_demau)
           / BY PA_ICPSR DATE / map
CONDESCRIPTIVE all


COMMENT With the ICPSR code of each COUNTRY, look up its 3 POLITY variables
COMMENT Re-sort and re-match
SORT CASES by CO_ICPSR DATE PA_IMF
MATCH FILES FILE=* / TABLE = XPOLITY
        / RENAME = (icpsr demo aut d_a = co_icpsr co_dem CO_aut co_DEMAU)
           / BY CO_ICPSR DATE / map
```

COMMENT Save a trimmed data set organized by dyad-year, if neccesary to validate accuracy
comment XSAVE OUTFILE = diffbdy
CONDESCRIPTIVE all

COMMENT Remove cases for COUNTRY without ICPSR code
SELECT IF (CO_ICPSR GE 1)
CONDESCRIPTIVE all
EXECUTE

COMMENT Set missing data codes for 21 point democracy scale
IF (CO_DEM lt 0) CO_DEMAU = CO_DEM
IF (PA_DEM lt 0) PA_DEMAU = PA_DEM
RECODE CO_DEMAU PA_DEMAU (SYSMIS = -99)
MISSING VALUES CO_DEMAU PA_DEMAU (LOWEST THRU -20)

COMMENT Compute dyadyear-specific (unitary) variables for later aggregation
COMMENT to nation-year. Measures are "coverage estimates" and four
COMMENT versions of the extent of democracy in the trade PARTNER
COMPUTE EXOVER7 = (PA_DEMAU ge 7) * EXPORT
COMPUTE IMOVER7 = (PA_DEMAU ge 7) * IMPORT
COMPUTE Dness =   (PA_DEMAU + 10) / 20
COMPUTE EXDness = Dness * EXPORT
COMPUTE IMDness = Dness * IMPORT
COMPUTE VALDEMEX= (PA_DEMAU ge -10) * EXPORT
COMPUTE VALDEMIM= (PA_DEMAU ge -10) * IMPORT

COMMENT Output World totals and OECD totals for by.nation.years files
COMMENT by writing only those cases where PARTNER is OECD and WORLD
COMMENT The output file is nation-year organized for later inclusion
COMMENT in the Diffusion file as an element of coverage estimates and
COMMENT democracy of trade partners (OECD)
SORT CASES by CO_ICPSR DATE PA_IMF
TEMPORARY
SELECT IF (PA_imf=001 or PA_imf=110)
WRITE OUTFILE= sums table
   / co_icpsr co_imf co_alpha co_demau date pa_imf export import
CONDESCRIPTIVE all

COMMENT After TEMPORARY exclusion of all but two aggregates, return to file
COMMENT Now, exclude partner codes which are aggregates
COMMENT Aggregate dyad-years into nation-years with "partner demo" variables

```
SELECT IF (ANY(PA_imf,001,110,200,605,505,170,405,205,998,999,201,910,980) eq 0)
AGGREGATE   OUTFILE = aggfile  / BREAK= CO_ICPSR DATE
   / sumexp = sum(export) / sumimp = sum(import)
   / valexp = sum(valdemex)  / valimp = sum(valdemim)
   / over7exp = sum(exover7)  / over7imp = sum(imover7)
   / dnessexp = sum(exdness)  / dnessimp = sum(imdness)
CONDESCRIPTIVE all


COMMENT Now, begin building nation-year file
COMMENT Read each two-record dyad case as a single nation case from the
COMMENT file created from the dyadic records of PARTNER = OECD and TOTAL
DATA LIST     FILE = sums fixed RECORDS = 2
   /1 CO_ICPSR 1-3 CO_IMF 4-6 CO_ALPHA 7-9(A) CO_DEMAU 10-13  DATE 14-17
            recno1 18-20 totexp  21-30 totimp  31-40
   /2 cotemp 1-3   recno2 18-20 oecdexp 21-30 oecdimp 31-40
VARIABLE LABELS CO_DEMAU 'Democracy (21 point scale)'
    /TOTEXP   'Total exports from PARTNER 1 dyadic record'
    /TOTIMP   'Total imports from PARTNER 1 dyadic record'
    /OECDEXP  'Exports to OECD countries'
    /OECDIMP  'Imports from OECD countries'


COMMENT Seek missing OECD or TOTAL records
DO IF(recno1 eq recno2)
print /all
END IF


COMMENT Merge aggregated file with other coverage and democratic vars
MATCH FILES FILE = * / FILE = aggfile / BY= CO_ICPSR DATE /map
          /drop = recno1 recno2 cotemp


COMMENT Compute Final coverage estimates and democratic partner measures
COMMENT Variable definitions below
missing values sumexp sumimp totexp totimp oecdexp oecdimp
   valexp valimp dnessexp dnessimp over7exp over7imp (0)
missing values co_demau (lowest thru -20)
COMPUTE EXPCOV = sumexp / totexp
COMPUTE IMPCOV = sumimp / totimp
COMPUTE demexcov = valexp / sumexp
compute demimcov = valimp / sumimp
compute pe_oecd  = oecdexp / totexp
compute pe_dness = dnessexp / totexp
```

```
compute pe_over  = over7exp / totexp
compute pi_oecd  = oecdimp /  totimp
compute pi_dness = dnessimp / totimp
compute pi_over  = over7imp / totimp
COMPUTE DTRADE   = MEAN(pe_dness,pe_over,pi_dness,pi_over)
formats date (f5.0) expcov to dtrade (f8.3)
VARIABLE LABELS EXPCOV   'Percentage of export total identified by partner'
        / IMPCOV   'Percentage of import total identified by partner'
        / DEMEXCOV '% of identified export partners w valid dem code'
        / DEMIMCOV '% if identified import partners w valid dem code'
        / PE_OECD  '% of exports to OECD'
        / PI_OECD  '% of imports to OECD'
        / PE_DNESS 'Weighted avg democracy score of export partners'
        / PI_DNESS 'Weighted avg democracy score of import partners'
        / PE_OVER  '% of exports to coherent democracies (7+)'
        / PI_OVER  '% of imports from coherent democracies (7+)'
        / DTRADE   'Summary measure of democracy of trade partners'

CONDESCRIPTIVE all
pearson corr pe_oecd to dtrade
statistics  1

sort cases by co_icpsr date
COMPUTE icpsr = co_icpsr
COMMENT Save a nation-year organized file with all variables
XSAVE OUTFILE = diffbnat

COMMENT List coverage variables
LIST VARIABLES= CO_ICPSR CO_ALPHA DATE EXPCOV IMPCOV DEMEXCOV DEMIMCOV
comment BREAKDOWN  tables = pe_oecd to pi_over by date co_icpsr
COMMENT List democratic trade variables
LIST VARIABLES= CO_ICPSR CO_ALPHA DATE pe_oecd to dtrade
execute

COMMENT Combine this file with previous version of democracy-trade file
COMMENT as well as the contiguity file
MATCH FILES FILE = * / FILE = xdem1 / FILE = contig /BY= ICPSR DATE /map

COMMENT Combine resulting file with origins data
MATCH FILES FILE = * / TABLE = xorigins / by ICPSR
XSAVE OUTFILE = xdem2
```

display dictionary
condescriptive all

execute
finish

Appendix Three:
Data

Country Data
Religion, Ethnicity and Language

002   USA
>   white 83.5%, black 12.4%, Asian 3.3%, Amerindian 0.8% (1992)
>   Protestant 56%, Roman Catholic 28%, Jewish 2%, other 4%, none 10%
>   English, Spanish (spoken by a sizable minority)

040 Cuba
>   mulatto 51%, white 37%, black 11%, Chinese 1%
>   85% Roman Catholic prior to CASTRO; Protestants, Jehovah's Witnesses, Jews, Santeria
>   Spanish

094 Costa Rica
>   white (including mestizo) 96%, black 2%, Amerindian 1%, Chinese 1%
>   Roman Catholic 95%
>   Spanish (official), English spoken around Puerto Limon

020 Canada
>   british isles origin 40%, french 27%, other european 20%, Amerindian 1.5, Asian 11.5
>   Roman Catholic 45%, United Church 12%, Anglican 8%
>   English, French

041 Haiti
>   black 95%, mulatto 5%
>   Roman Catholic 80%, Protestant 16%
>   French, Creole

042 Dominican Republic
>   white 16%, black 11%, mixed 73%
>   Roman Catholic 95%
>   Spanish

051 Jamaica
>   black 90.4%,
>   Protestant 61.3%, Roman Catholic 4%, Spiritual Cults 34.7%
>   English, Creole

052 Trinidad
>   black 40%, East Indian 40.3%, white 1%, mixed 14%
>   Roman Catholic 32.2%, Hindu 24.3%, Anglican 14.4%, Protestant 14%, Muslim 6%
>   English, Hindu, French, Spanish

070 Mexico
>   mestizo 60%, Amerindian 30%, white 9%
>   Roman Catholic 89%, Protestant 6%
>   Spanish, Indigenous Languages

089 United Provinces of Central America
    not available
090 Guatemala
    mestizo 56%, Amerindian 44%
    Roman Catholic, Protestant, Mayan
    Spanish, Amerindian 40%
091 Honduras
    mestizo 90%, Amerindian 7%, black 2%, white 1%
    Roman Catholic 97%, Protestant
    Spanish, Amerindian
092 El Salvador
    mestizo 94%, Amerindian 5%, white 1%
    Roman Catholic 75%
    Spanish, Nahua
093 Nicaragua
    mestizo 69%, white 17%, black 9%, Amerindian 5%
    Roman Catholic 95%, Protestant 5%
    Spanish
095 Panama
    mestizo 70%, Amerindian 14%, white 10%
    Roman Catholic 85%, Protestant 15%
    Spanish, English
099 Gran Colombia
    not available
100 Columbia
    mestizo 58%, white 20%, mulatto 14%, black 4%, Amerindian-black 3%
    Roman Catholic 95%
    Spanish
101 Venezuela
    Spanish, Italian, Portuguese, Arab, German, African, Indigenous People
    Roman Catholic 96%, Protestant 2%
    Spanish, indigenous dialects
110 Guyana
    East-Indian 49%, black 32%, mixed 12%, Amerindian 6%, White and Chinese 1%
    Christian 57%, Hindu 33%, Muslim 9%
    English, Amerindian dialects
130 Ecuador
    mestizo 55%, Amerindian 25%, Spanish 10%, black 10%
    Roman Catholic 95%
    Spanish, Quechua
135 Peru

Amerindian 45%, mestizo 37%, white 15%
Roman Catholic
Spanish, Quechua, Aymara
140 Brazil
 white 55%, white-black 38%, black 6%
 Roman Catholic 70%
 Portuguese, Spanish, English, French
145 Bolivia
 Quechua 30, Aymara 25, mestizo 30%, white 15%
 Roman Catholic 95%, Protestant
 Spanish, Quechua, Aymara
150 Paraguay
 mestizo 95%, white-Amerindian 5%
 Roman Catholic 90%
 Spanish, Guarani
155 Chile
 white/white Amerindian 95%, Amerindian 3%
 Roman Catholic 89%, Protestant 11%
 Spanish
160 Argentina
 white 85%, mestizo, Amerindian, nonwhite groups 15%
 Roman Catholic 90%, Protestant 2%, Jewish 2%, other 6%
 Spanish (official), English, Italian, German, French
165 Uruguay
 white 88%, mestizo 8%, black 4%
 Roman Catholic 66%, Protestant 2%, Jewish 2%
 Spanish, Portunol
600 Morocco
 Arab- Berber 99.1%, other 0.7%, Jewish 0.2%
 Muslim 98.7%, Christian 1.1%, Jewish 0.2%
 Arabic, Berber dialects, French
615 Algeria
 Arab-Berber 99% European less than 1%
 Sunni Muslim 99% Christian and Jewish 1%
 Arabic, French and Berber dialects
615 Tunisia
 Arab 98%, European 1 %, Jewish and other 1%
 Muslim 98%, Christian 1%, Jewish and other 1%
 Arab, French
620 Lybia
 Berber and Arab 97%, Greeks, Maltese, Italians, Egyptians, Pakistanis, Turks, Indians,

Tunisians
   Sunni Muslim 97%
   Arabic, Italian, English
625 Sudan
   Black 52% Arab 39%, Beja 6%, foreigners 2%, other 1%
   Sunni Muslim 70%, indigenous beliefs 25%, Christian 5%
   Arabic, Nubian, Tabedawie, diverse dialects of Nilotic, Nilo-Hsmitic, Sudanic
630 Iran
   Persian 51%, Azerbaijani 24%, Gilaki and Mazandarani 8%, Kurd 7%, Arab 3%, Lur 2%, Baloch
   2% Turkmen 2 % other 1%
   Shia Muslim 89%, Sunni Muslim 10%, Zoroastrain, Jewish, Christian, Bahai, 1%
   Persian and Persian dialeacts 58%, Turkic and Turkic dialects 26%, Kurdish 9%, Luri
   2%Balochi 1% Arabic 1%, Turkish 1%, other 2%
640 Turkey
   Turkish 85%, Kurdish 20%
   Muslim 99.8% (mostly Sunni),   other 0.2% Christian, Jewish
   Turkish, Kurdish, Arabic
645 Iraq
   Arab 75-80%, Kurdish 15-20%, Turkoman, Assyrian or other 3%
   Arabic, Kurdish, Assyrian, Armenian
651 Egypt
   Eastern Hamitic stock (Egyptians, Bedouins and Berbers)99%, Greek, Nubian, Armenian, other
  European 1%
    Muslim (mostly Sunni) 94% Coptic Christian and other 6%
   Arabic, English, French
652 Syria
   Arab 90.3%, Kurds, Armenians, other 9.7%
   Sunni Muslim 74%, Alawife Druze, other Muslim sects 16%, Christian 10%, Jewish tiny
communities
   Arabic,Kurdish, Armenian, Aramaic, Cirassian;   French and English somewhat understood
660 Lebanon
   Arabs 95%, Armenian 4%, other 1%
   Islam 70%, Christian 30% Judaism NEGL%
   Arabic, French, English, Armenian
663 Jordan
   Arab 98%, Circassian 1%, Armenian 1%
   Sunni Muslim 96%, Christian 4%
   Arabic, English
666 Israel
   Jewish 80.1%, Non Jewish(mostly Arab) 19.9%
   Judaism 80.1%, Islam 14.6%, Christian 2.1%, other 3.2%

Hebrew, Arabic, English
670 Saudi Arabia
Arab 90%, Afro-asian 10%
Muslim 100%
Arabic
678 Yemen Arab
679 Yemen
Arab predominantly, Afro-arab (west coast) South Asian (south), small European communities in metropolitan areas
Muslim including Shia and Sunni, small numbers of Jewish,Christian, Hindu groups
Arabic
680 Yemen People's Republic
690 Kuwait
Kuwaiti 45%, other Arab 35%, South Asian 9%, Iranian 4%, other 7%
Muslim 85% Christian, Hindu, Parsi, other   15%
Arabic, English
692 Bahrain
Bahraini 63%, Asian 13%, other Arab 10%, Irainian 8%, other 6%
Shia Muslim 75% , Sunni 25%
Arabic, English, Farsi, Urdu
696 United Arab Emirates
Emiri 19%, other Arab,Iranian 23%, South Asian 50%, other expatriates 8%
Muslim 96% (Shia 16%) Christian, Hindu, Other 4%
Arabic, Persian, English, Hindi, Urdu
698 Oman
Arab, Baluchi, South Asian, african
Ibadhi Muslim 75%, Muslim(Sunni,Shia) Hindu
Arabic, English, Baluchi, Urdu, Indian dialects
700 Afghanistan
Pashtun 38%, Tajik 25%, Uzbek 6%, Hazara 19%, minor ethnic groups
(including Armaks, Turkmen, Baloch, and others)
701 Turkmenistan   Turkmen 77%, Uzbek 9.2%, Russian 6.7%, Kazakh 2%, other 5.1%
702 Tajikistan
Tajik 64.9%, Uzbek 25%, Russian 3.5%, other 6.6%
703 Kyrgystan
Kirghiz 52.4%, Russian 18%, Uzbek 12.9%, Ukrainian 2.5%, German 2.4%,
other 11.8%
704 Uzbekistan
Uzbek 80%, Russian 5.5%, Tajik 5%, Kazakh 3%, Karakalpak 2.5%, Tator 1.5%, other 2.5%
705 Kazakhstan
Kazakh (Qazaq) 46%, Russian 34.7%, Ukrainian 4.9%, German 3.1%,

Uzbek 2.3%, Tatar 1.9%, other 7.1%

710 China
Han Chinese 91.9%, other 8.1%

712 Mongolia
Mongol 90%, Kazakh 4%, Chinese 2%, Russian 2%, others 2%

713 Taiwan
Taiwanese (including Hakka) 84%, mainland Chinese 14%, aborigine 2%

Korea

Democratic Peoples Republic of Korea
Racially homogeneous; there is a small Chinese community and a few ethnic
Japanese

Republic of Korea
homogeneous (except for about 20,000 Chinese)

740   Japan
Japanese 99.4%, other 0.6% (mostly Korean)

750   India
Indo-Aryan 72%, Dravidian 25%, Mongoloid and other 3%

760   Bhutan
Bhote 50%, ethnic Nepalese 35%, indigenous or migrant tribes 15%

770   Pakistan
Punjabi, Sindhi, Pashtun (Pathan), Baloch, Muhajir (immigrants from India and their descendants

771   Bangladesh
Bengali 98%, Biharis 250,000, tribals less than 1 million

775   Myanmar (Burma)
Burman 68%, Shan 9%, Karen 7%, Rakhine 4%, Chinese 3%, Mon 2%, Indian
2%, other 5%

780   Sri Lanka (Ceylon)
Sinhalese 74%, Tamil 18%, Moor 7%, Burgher, Malay, and Vedda 1%

790   Nepal
Newars, Indians, Tibetans, Gurungs, Magars, Tamangs, Bhotias, Rais, Limbus,
Sherpas

800   Thailand
Thai 75%, Chinese 14%, other 11%

811   Cambodia (Kampuchea)
Khmer 90%, Vietnamese 5%, Chinese 1%, other 4%

812   Laos
Lao Loum (lowland) 68%, Lao Theung (upland) 22%, Lao Soung (highland)
including the Hmong ("Meo") and the Yao (Mien) 9%, ethnic Vietnamese/Chinese 1%

Democratic Republic of Vietnam
Vietnamese 85%-90%, Chinese 3%, Muong, Tai, Meo, Khmer, Man, Cham

Republic of Vietnam

   Vietnamese 85%-90%, Chinese 3%, Muong, Tai, Meo, Khmer, Man, Cham
820   Malaysia
      Malay and other indigenous 58%, Chinese 26%, Indian 7%, others 9%
830   Singapore
      Chinese 76.4%, Malay 14.9%, Indian 6.4%, other 2.3%
840   Philippines
      Christian Malay 91.5%, Muslim Malay 4%, Chinese 1.5%, other 3%
850   Indonesia
      Javanese 45%, Sundanese 14%, Madurese 7.5%, coastal Malays 7.5%, other
900   Australia
      Caucasian 92%, Asian 7%, aboriginal and other 1%
910   Papua New Guinea
      Melanesian, Papuan, Negrito, Micronesian, Polynesian
920   New Zealand
      New Zealand European 74.5%, Maori 9.7%, other European 4.6%, Pacific
950   Fiji
      Fijian 51%, Indian 44%, European, other Pacific Islanders, overseas Chinese, and
      other 5%
339 Albania
      Albanian 95% Greeks 3% Other 2%
      Muslim 70% Albanian Orthodox 20% Roman Catholic 10%
      Albanian, Greek
305 Austria
      German 99.4% Croatian 0.3% Slovene 0.2% Other 0.1%
      Roman Catholic 78% Protestant 5% Other 17%
      German
211 Belgium
      Fleming 55% Walloon 33% Other 12%
      Roman Catholic 75% Protestant 25%
      Flemish 56%, French 32%, German 1%
346 Bosnia and Herzegovina
      Serb 40% Muslim 38% Croat 22%
      Muslim 40% Orthodox 31% Catholic 15% Protestant 4% Other 10%
      Croatian, Serbian, Bosnian
355 Bulgaria
      Bulgarian 85% Turk 9% Other 6%
      Bulgarian Orthodox 85% Muslim 13% Jewish 0.8% Roman Catholic 0.5% Uniate Catholic 0.2%
      Other 0.5%
      Bulgarian
344 Croatia
      Croat 78% Serb 12% Muslim 0.9% Hungarian 0.5% Slovenian 0.5% Other 8.1%

Catholic 76.5% Orthodox 11.1% Muslim 1.2% Protestant 0.4% Other 10.8%
Serbo-Croatian 96% Other 4%

352 Cyprus
Greek 78% Turkish 18% Other 4%
Greek Orthodox 78% Muslim 18% Other 4%
Greek, Turkish, English

316 Czech Republic
Czech 94.4% Slovak 3% Polish 0.6% German 0.5% Gypsy 0.3% Hungarian 0.2% Other 1%
Atheist 39.8% Roman Catholic 39.2% Protestant 4.6% Orthodox 3% Other 13.4%
Czech, Slovak

390 Denmark
Scandinavian, Eskimo, Faroese, German
Evangelical Lutheran 91% Other 9%
Danish, Faroese, German, Greenlandic

366 Estonia
Estonian 65.1% Russian 28.1% Ukranian 2.5% Byelorussian 1.5% Finn 1% Other 1.8%
Evangelical Lutheran, Russian Orthodox, Estonian Orthodox
NEED LANGUAGE

375 Finland
Finn 93% Swede 6% Lapp 0.11% Gypsy 0.12% Tatar 0.02%
Evangelical Lutheran 89% Greek Orthodox 1% None 9% Other 1%
Finnish 93.5% Swedish 6.3%

220 France
Celtic, Latin
Roman Catholic 90% Protestant 2% Jewish 1% Muslim 1% None 6%
French 100%

265 Germany
German 91.5% Turkish 2.4% Italian 0.7% Greek 0.4% Poles 0.4% Other 4.6%
Protestant 38% Roman Catholic 34% Muslim 1.7% Other 26.3%
German

350 Greece
Greek 98% Other 2%
Greek Orthodox 98% Muslim 1.3% Other 1.7%
Greek, English, French

310 Hungary
Hungarian 89.9% Gypsy 4% German 2.6% Serb 2% Slovak 0.8% Romanian 0.7%
Roman Catholic 67.5% Calvinist 20% Lutheran 5% Other 7.5%
Hungarian 98.2% Other 1.8%

395 Iceland
Norwegian, Celtic
Evangelical Lutheran 96% Other 3% None 1%

Icelandic
205 Ireland
Celtic, English
Roman Catholic 92% Anglican 3% Islamic 0.11% Other 4.75%
English, Gaelic
325 Italy
Italian
Roman Catholic 98% Other 2%
Italian, German, French, Slovene
368 Lithuania
Lithuanian 80.6% Russian 8.7% Polish 7% Byelorussian 1.6% Other 2.1%
Roman Catholic
Lithuanian, Polish, Russian
212 Luxembourg
Celtic, Portugese, Italian
Roman Catholic 97% Other 3%
Luxembourgian, German, French, English
343 Macedonia
Macedonian 66% Albanian 23% Turkish 4% Serb 2% Gypsies 3% Other 2%
Eastern Orthodox 67% Muslim 30% Other 3%
Macedonian 70% Albanian 21% Turkish 3% Serbo-Croatian 3% Other 3%
359 Moldova
Moldavian 64.5% Ukranian 13.8% Russian 13% Gaguaz 3.5% Jewish 1.5% Bulgarian 2% Other 1.7%
Eastern Orthodox 98.5% Jewish 1.5%
Moldovan, Russian, Gagauz
210 Netherlands
Dutch 94% Other 6%
Roman Catholic 34% Protestant 25% Muslim 3% Other 2% None 36%
Dutch
385 Norway
German, Lapps
Evangelical Lutheran 87.8% Other 3.8% None 3.2%
Norwegian
290 Poland
Polish 97.6% German 1.3% Ukranian 0.6% Byelorussian 0.5%
Roman Catholic 95% Other 5%
Polish
235 Portugal
None
Roman Catholic 97% Other 3%

Portugese
360 Rumania
>   Rumanian 89.1% Hungarian 8.9% German 0.4% Other 1.6%
>   Rumanian Orthodox 70% Roman Catholic 6% Protestant 6% None 18%
>   Rumanian, Hungarian, German
365 Russia
>   Russian 81.5% Tatar 3.5% Ukranian 3% Other 8.1%
>   Russian Orthodox, Muslim
>   Russian
317 Slovakia
>   Slovak 85.7% Hungarian 10.7% Other 3.6%
>   Roman Catholic 60.3% Atheist 9.7% Protestant 8.4% Orthodox 4.1% Other 17.5%
>   Slovak, Hungarian
349 Slovenia
>   Slovene 91% Croat 3% Serb 2% Muslim 1% Other 3%
>   Roman Catholic 70.8% Lutheran 1% Muslim 1% Atheist 4.3% Other 22.9%
>   Slovenian 91% Serbo-Croatian 6% Other 3%
230 Spain
>   None
>   Roman Catholic
>   Castillian Spanish 74% Catalan 17% Galician 7% Basque 2%
380 Sweden
>   None
>   Evangelical Lutheran 94% Roman Catholic 1.5% Pentecostal 1% Other 3.5%
>   Swedish
225 Switzerland
>   German 65% French 18% Italian 10% Other 7%
>   Roman Catholic 46.1% Protestant 40% None 8.9% Other 5%
>   German 63.7% French 19.2% Italian 7.6% Other 9.5%
640 Turkey
>   Turkish 80% Kurdish 20%
>   Muslim 99.8%
>   Turkish, Kurdish, Arabic
369 Ukraine
>   Ukranian 73% Russian 22% Jewish 1% Other 4%
>   Ukranian Orthodox, Ukranian Catholic, Protestant, Jewish
>   Ukranian, Russian, Rumanian, Polish, Hungarian
200 United Kingdom
>   English 81.5% Scottish 9.6% Irish 2.4% Welsh 1.9% Ulster 18% Other 2.8%
>   Anglican, Roman Catholic, Muslim, Presbyterian, Methodist
>   English, Welsh, Gaelic

Algeria

      Arab-Berber 99%, European less than 1%

      Sunni Muslim (state religion) 99%, Christian and Jewish 1%

      Arabic (official), French, Berber dialects

Angola

      Ovimbundu 37%, Kimbundu 25%, Bakongo 13%, mestico (mixed European and Native African) 2%, European 1%, other 22%

      indigenous beliefs 47%, Roman Catholic 38%, Protestant 15% (1998 est.)

      Portuguese (official), Bantu and other African languages

Benin

      African 99% (42 ethnic groups, most important being Fon, Adja, Yoruba, Bariba), Europeans 5,500

      indigenous beliefs 70%, Muslim 15%, Christian 15%

      French (official), Fon and Yoruba (most common vernaculars in south), tribal languages (at least six major ones in north)

Botswana

      Batswana 95%, Kalanga, Basarwa, and Kgalagadi 4%, white 1%

      indigenous beliefs 50%, Christian 50%

      English (official), Setswana

Burkina Faso

      Mossi about 24%, Gurunsi, Senufo, Lobi, Bobo, Mande, Fulani

      indigenous beliefs 40%, Muslim 50%, Christian (mainly Roman Catholic) 10%

      French (official), tribal languages belonging to Sudanic family, spoken by 90% of the population

Burundi

      Hutu (Bantu) 85%, Tutsi (Hamitic) 14%, Twa (Pygmy) 1%, Europeans 3,000, South Asians 2,000

      Christian 67% (Roman Catholic 62%, Protestant 5%), indigenous beliefs 32%, Muslim 1%

      Kirundi (official), French (official), Swahili (along Lake Tanganyika and in the Bujumbura area)

Cameroon

      Cameroon Highlanders 31%, Equatorial Bantu 19%, Kirdi 11%, Fulani 10%, Northwestern Bantu 8%, Eastern Nigritic 7%, other African 13%, non-African less than 1%

      indigenous beliefs 51%, Christian 33%, Muslim 16%

      24 major African language groups, English (official), French (official)

Cape Verde

      Creole (mulatto) 71%, African 28%, European 1%

      Roman Catholic (infused with indigenous beliefs); Protestant (mostly Church of the Nazarene)

      Portuguese, Crioulo (a blend of creole Portuguese and West African words)

CAR

      Baya 34%, Banda 27%, Sara 10%, Mandjia 21%, Mboum 4%, M'Baka 4%, Europeans 6,500 (including 3,600 French)

      indigenous beliefs 24%, Protestant 25%, Roman Catholic 25%, Muslim 15%, other 11% note: animistic beliefs and practices strongly influence the Christian majority

French (official), Sangho (lingua franca and national language), Arabic, Hunsa, Swahili

Chad

Muslims (Arabs, Toubou, Hadjerai, Fulbe, Kotoko, Kanembou, Baguirmi, Boulala, Zaghawa, and Maba), non-Muslims (Sara, Ngambaye, Mbaye, Goulaye, Moundang, Moussei, Massa), nonindigenous 150,000 (of whom 1,000 are French)

Muslim 50%, Christian 25%, indigenous beliefs (mostly animism) 25%

French (official), Arabic (official), Sara and Sango (in south), more than 100 different languages and dialects

DROC

over 200 African ethnic groups of which the majority are Bantu; the four largest tribes—Mongo, Luba, Kongo (all Bantu), and the Mangbetu-Azande (Hamitic) make up about 45% of the population

Roman Catholic 50%, Protestant 20%, Kimbanguist 10%, Muslim 10%, other syncretic sects and traditional beliefs 10%

French (official), Lingala (a lingua franca trade language), Kingwana (a dialect of Kiswahili or Swahili), Kikongo, Tshiluba

Congo-Brazzaville

Kongo 48%, Sangha 20%, M'Bochi 12%, Teke 17%, Europeans NA%; note—Europeans estimated at 8,500, mostly French, before the 1997 civil war; may be half of that in 1998, following the widespread destruction of foreign businesses in 1997

Christian 50%, animist 48%, Muslim 2%

French (official), Lingala and Monokutuba (lingua franca trade languages), many local languages and dialects (of which Kikongo has the most users)

Cote d'Ivoire

Baoule 23%, Bete 18%, Senoufou 15%, Malinke 11%, Agni, Africans from other countries (mostly Burkinabe and Malians, about 3 million), non-Africans 130,000 to 330,000 (French 30,000 and Lebanese 100,000 to 300,000)

Muslim 60%, Christian 22%, indigenous 18% (some of these are also numbered among the Christians and Muslims)

French (official), 60 native dialects with Dioula the most widely spoken

Djibouti

Somali 60%, Afar 35%, French, Arab, Ethiopian, and Italian 5%

Muslim 94%, Christian 6%

French (official), Arabic (official), Somali, Afar

Equitorial Guinea

Bioko (primarily Bubi, some Fernandinos), Rio Muni (primarily Fang), Europeans less than 1,000, mostly Spanish

nominally Christian and predominantly Roman Catholic, pagan practices

Spanish (official), French (official), pidgin English, Fang, Bubi, Ibo

Eritrea

ethnic Tigrinya 50%, Tigre and Kunama 40%, Afar 4%, Saho (Red Sea coast dwellers) 3%

Muslim, Coptic Christian, Roman Catholic, Protestant

Afar, Amharic, Arabic, Tigre and Kunama, Tigrinya, minor ethnic group languages

Ethiopia

Oromo 40%, Amhara and Tigrean 32%, Sidamo 9%, Shankella 6%, Somali 6%, Afar 4%, Gurage 2%, other 1%

Muslim 45%-50%, Ethiopian Orthodox 35%-40%, animist 12%, other 3%-8%

Amharic, Tigrinya, Orominga, Guaraginga, Somali, Arabic, English (major foreign language taught in schools)

Gabon

Bantu tribes including four major tribal groupings (Fang, Eshira, Bapounou, Bateke), other Africans and Europeans 154,000, including 6,000 French and 11,000 persons of dual nationality

Christian 55%-75%, Muslim less than 1%, animist

French (official), Fang, Myene, Bateke, Bapounou/Eschira, Bandjabi

Gambia

African 99% (Mandinka 42%, Fula 18%, Wolof 16%, Jola 10%, Serahuli 9%, other 4%), non-African 1%

Muslim 90%, Christian 9%, indigenous beliefs 1%

English (official), Mandinka, Wolof, Fula, other indigenous vernaculars

Ghana

black African 99.8% (major tribes—Akan 44%, Moshi-Dagomba 16%, Ewe 13%, Ga 8%), European and other 0.2%

indigenous beliefs 38%, Muslim 30%, Christian 24%, other 8%

English (official), African languages (including Akan, Moshi-Dagomba, Ewe, and Ga)

Guinea

Peuhl 40%, Malinke 30%, Soussou 20%, smaller tribes 10%

Muslim 85%, Christian 8%, indigenous beliefs 7%

French (official), each tribe has its own language

Guinea-Bissau

African 99% (Balanta 30%, Fula 20%, Manjaca 14%, Mandinga 13%, Papel 7%), European and mulatto less than 1%

indigenous beliefs 50%, Muslim 45%, Christian 5%

Portuguese (official), Crioulo, African languages

Kenya

Kikuyu 22%, Luhya 14%, Luo 13%, Kalenjin 12%, Kamba 11%, Kisii 6%, Meru 6%, other African 15%, non-African (Asian, European, and Arab) 1%

Protestant 38%, Roman Catholic 28%, indigenous beliefs 26%, Muslim 7%, other 1%

English (official), Swahili (official), numerous indigenous languages

Lesotho

Sotho 99.7%, Europeans 1,600, Asians 800

Christian 80%, rest indigenous beliefs

Sesotho (southern Sotho), English (official), Zulu, Xhosa

Liberia
   indigenous African tribes 95% (including Kpelle, Bassa, Gio, Kru, Grebo, Mano, Krahn, Gola, Gbandi, Loma, Kissi, Vai, and Bella), Americo-Liberians 2.5%
   traditional 70%, Muslim 20%, Christian 10%
   English 20% (official), about 20 tribal languages, of which a few can be written and are used in correspondence

Madagascar
   Malayo-Indonesian (Merina and related Betsileo), Cotiers (mixed African, Malayo-Indonesian, and Arab ancestry—Betsimisaraka, Tsimihety, Antaisaka, Sakalava), French, Indian, Creole, Comoran
   indigenous beliefs 52%, Christian 41%, Muslim 7%
   French (official), Malagasy (official)

Malawi
   Chewa, Nyanja, Tumbuko, Yao, Lomwe, Sena, Tonga, Ngoni, Ngonde, Asian, European
   Protestant 55%, Roman Catholic 20%, Muslim 20%, traditional indigenous beliefs
   English (official), Chichewa (official), other languages important regionally

Mali
   Mande 50% (Bambara, Malinke, Sarakole), Peul 17%, Voltaic 12%, Songhai 6%, Tuareg and Moor 10%, other 5%
   Muslim 90%, indigenous beliefs 9%, Christian 1%
   French (official), Bambara 80%, numerous African languages

Mauritania
   mixed Maur/black 40%, Maur 30%, black 30%
   Muslim 100%
   Hasaniya Arabic (official), Pular, Soninke, Wolof (official), French

Morocco
   Arab-Berber 99.1%, other 0.7%, Jewish 0.2%
   Muslim 98.7%, Christian 1.1%, Jewish 0.2%
   Arabic (official), Berber dialects, French often the language of business, government, and diplomac

Mozambique
   indigenous tribal groups 99.66% (Shangaan, Chokwe, Manyika, Sena, Makua, and others), Europeans 0.06%, Euro-Africans 0.2%, Indians 0.08%
   indigenous beliefs 50%, Christian 30%, Muslim 20%
   Portuguese (official), indigenous dialects

Namibia
   black 86%, white 6.6%, mixed 7.4% note: about 50% of the population belong to the Ovambo tribe and 9% to the Kavangos tribe; other ethnic groups are: Herero7%, Damara 7%, Nama 5%, Caprivian 4%, Bushmen 3%, Baster 2%, Tswana 0.5%
   Christian 80% to 90% (Lutheran 50% at least, other Christian denominations 30%), native religions 10% to 20%

English 7% (official), Afrikaans common language of most of the population and about 60% of the white

Niger

Hausa 56%, Djerma 22%, Fula 8.5%, Tuareg 8%, Beri Beri (Kanouri) 4.3%, Arab, Toubou, and Gourmantche 1.2%, about 1,200 French expatriates

Muslim 80%, remainder indigenous beliefs and Christians

French (official), Hausa, Djerma

Nigeria

Hausa, Fulani, Yoruba, Ibo, Ijaw, Kanuri, Ibibio, Tiv

Muslim 50%, Christian 40%, indigenous beliefs 10%

English (official), Hausa, Yoruba, Ibo, Fulani

Rwanda

Hutu 80%, Tutsi 19%, Twa (Pygmoid) 1%

Roman Catholic 65%, Protestant 9%, Muslim 1%, indigenous beliefs and other 25%

Kinyarwanda (official) universal Bantu vernacular, French (official), English (official), Kiswahili (Swahili) used in commercial centers

Senegal

Wolof 43.3%, Pular 23.8%, Serer 14.7%, Diola 3.7%, Mandink 3%, Soninke 1.1%, European and Lebanese 1%, other 9.4%

Muslim 92%, indigenous beliefs 6%, Christian 2% (mostly Roman Catholic)

French (official), Wolof, Pulaar, Diola, Mandingo

Sierra Leone

20 native African tribes 90% (Temne 30%, Mende 30%, other 30%), Creole 10% (descendents of freed Jamaican slaves who were settled in the Freetown area in the late-eighteenth century), refugees from Liberia's recent civil war, small numbers of Europeans, Lebanese, Pakistanis, and Indians

Muslim 60%, indigenous beliefs 30%, Christian 10%

English (official, regular use limited to literate minority), Mende (principal vernacular in the south), Temne (principal vernacular in the north), Krio (English-based Creole, spoken by the descendents of freed Jamaican slaves who were settled in the Freetown area, a lingua franca and a first language for 10% of the population but understood by 95%)

Somalia

Somali 85%, Bantu, Arabs 30,000

Sunni Muslim

Somali (official), Arabic, Italian, English

South Africa

black 75.2%, white 13.6%, Colored 8.6%, Indian 2.6%

Christian 68% (includes most whites and Coloreds, about 60% of blacks and about 40% of Indians), Muslim 2%, Hindu 1.5% (60% of Indians), traditional and animistic 28.5%

11 official languages, including Afrikaans, English, Ndebele, Pedi, Sotho, Swazi, Tsonga, Tswana, Venda, Xhosa, Zulu

Swaziland
>   African 97%, European 3%
>   Christian 60%, indigenous beliefs 40%
>   English (official, government business conducted in English), siSwati (official)

Tanzania
>   mainland—native African 99% (of which 95% are Bantu consisting of more than 130 tribes), other 1% (consisting of Asian, European, and Arab); Zanzibar—Arab, native African, mixed Arab and native African
>   mainland—Christian 45%, Muslim 35%, indigenous beliefs 20; Zanzibar—more than 99% Muslim
>   Kiswahili or Swahili (official), Kiunguju (name for Swahili in Zanzibar), English (official, primary language of commerce, administration, and higher education), Arabic (widely spoken in Zanzibar), many local languages note: Kiswahili (Swahili) is the mother tongue of the Bantu people living in Zanzibar and nearby coastal Tanzania; although Kiswahili is Bantu in structure and origin, its vocabulary draws on a variety of sources, including Arabic and English, and it has become the lingua franca of central and eastern Africa; the first language of most people is one of the local languages

Togo
>   native African (37 tribes; largest and most important are Ewe, Mina, and Kabre) 99%, European and Syrian-Lebanese less than 1%
>   indigenous beliefs 70%, Christian 20%, Muslim 10%
>   French (official and the language of commerce), Ewe and Mina (the two major African languages in the south), Kabye (sometimes spelled Kabiye) and Dagomba (the two major African languages in the north)

Uganda
>   Baganda 17%, Karamojong 12%, Basogo 8%, Iteso 8%, Langi 6%, Rwanda 6%, Bagisu 5%, Acholi 4%, Lugbara 4%, Bunyoro 3%, Batobo 3%, non-African (European, Asian, Arab) 1%, other 23%
>   Roman Catholic 33%, Protestant 33%, Muslim 16%, indigenous beliefs 18%
>   English (official national language, taught in grade schools, used in courts of law and by most newspapers andsome radio broadcasts), Ganda or Luganda (most widely used of the Niger-Congo languages, preferred for native language publications and may be taught in school), other Niger-Congo languages, Nilo-Saharan languages, Swahili, Arabic

Zambia
>   African 98.7%, European 1.1%, other 0.2%
>   Christian 50%-75%, Muslim and Hindu 24%-49%, indigenous beliefs 1%
>   English (official), major vernaculars—Bemba, Kaonda, Lozi, Lunda, Luvale, Nyanja, Tonga, and about 70 other indigenous languages

Zimbabwe
>   African 98% (Shona 71%, Ndebele 16%, other 11%), white 1%, mixed and Asian 1%
>   syncretic (part Christian, part indigenous beliefs) 50%, Christian 25%, indigenous beliefs 24%,

Muslim and other 1%

English (official), Shona, Sindebele (the language of the Ndebele, sometimes called Ndebele), numerous but minor tribal dialects