

## Election indices

The figures below represent the values of three indices:

- (i) the least squares index (LSq), which measures disproportionality between the distributions of votes and of seats;
- (ii) the effective number of parties at the electoral level ( $\text{Eff } N_v$ , also termed ENEP);
- (iii) the effective number of parties at the parliamentary or legislative level ( $\text{Eff } N_s$ , also termed ENPP).

The  $N$  of seats refers to the number given in the sources used and is the number on which the calculations were based (though see point (i) below).

These indices were originally outlined in

Markku Laakso and Rein Taagepera, ‘“Effective” number of parties: a measure with application to west Europe’, *Comparative Political Studies* 12:1 (1979), pp. 3–27 (effective number of parties), and

Michael Gallagher, ‘Proportionality, disproportionality and electoral systems’, *Electoral Studies* 10:1 (1991), pp. 33–51 (least squares index).

Details of these indices, and of how they have been calculated, can be found in Appendix B of:

**Michael Gallagher and Paul Mitchell (eds), *The Politics of Electoral Systems* paperback edition (Oxford and New York: Oxford University Press, 2008).**

For further details on this book, see :

<http://www.oup.com/uk/catalogue/?ci=9780199238675>

The main sources for the election results from which these indices are calculated are:

Thomas T. Mackie and Richard Rose, *The International Almanac of Electoral History*, 3rd ed (Basingstoke: Macmillan, 1991);

Annual Data Section in *European Journal of Political Research* since 1990;

Richard Rose and Neil Munro, *Elections and Parties in New European Democracies* (Washington: CQ Press, 2003);

Dieter Nohlen, Michael Krennerich and Bernhard Thibaut (eds), *Elections in Africa: a data handbook* (Oxford: Oxford University Press, 1999);

Dieter Nohlen, Florian Grotz and Christof Hartmann (eds), *Elections in Asia and the Pacific: a data handbook*, 2 vols (Oxford: Oxford University Press, 2001);

Dieter Nohlen (ed.), *Elections in the Americas: a data handbook*, 2 vols (Oxford: Oxford University Press, 2005);

and, for recent elections in particular, a range of internet sites, where possible official ones, a list of which is given in Appendix E of Gallagher and Mitchell (eds), *The Politics of Electoral Systems*. An additional and very useful site, not listed there, is the African Elections Database at

<http://africanelections.tripod.com/>

While any user of these sources must appreciate the time that has been spent in compiling them and the care taken to ensure accuracy, the main problems associated with sources (and, implicitly, the main appeals to those who compile election results) are:

(i) occasional logical inconsistency, i.e. the number of votes or seats for the listed parties does not add to the stated total, or a party with no votes is stated to have won seats. A list of corrections that need to be made to the Mackie and Rose figures can be found in Arend Lijphart, *Electoral Systems and Party Systems: A Study of Twenty-Seven Democracies, 1945–1990* (Oxford and New York: Oxford University Press, 1994), pp. 163–77. Generally, the approach adopted here has been the same as Lijphart's, i.e. when the reported number of total valid votes (or seats) does not equal the sum of the reported votes (or seats) for individual parties, the number used as the basis for calculations has been the sum of the parties' votes (or seats).

(ii) bunching of 'Others', i.e. small parties and independents not listed separately. In the calculation of indices, the greater the amount of disaggregation in the data, the better. Ideally, every party winning more than 0.1 per cent of the national vote, certainly 0.5 per cent, should be listed separately. The votes of Independents are very rarely disaggregated, so when they are a significant force (Japan, South Korea), there are problems in trying to compute indices given that each independent candidate should be treated as a separate 'party'. The approach taken here has been that outlined in Appendix B of Gallagher and Mitchell (eds), *The Politics of Electoral Systems* – except in the case of the figures for a few countries, such as Ireland, which are based on perfect data, i.e. on complete disaggregation down to the level of individual independent candidates.

(iii) very occasionally, the problem is the opposite of (ii), namely that results exist only in disaggregated form that no-one has yet taken the trouble to aggregate, as with Argentina or the constituency-level votes in Lithuania in 2004 and 2008. In Argentina, the different parties (or party names) and alliances in different provinces make it very difficult to identify reliable national-level vote figures.

The countries included here include the standard set that tend to feature in comparative politics analyses and, relatedly of course, are covered in the sources listed above. As many other countries as possible are also included for particular elections, dependent on the availability of reliable and adequately disaggregated results.

A complication that affects the calculation of  $\text{Eff } N_s$  in a few cases is that groups of parties may contest an election as a coalition in order to reap the benefits of size and then disaggregate after the election. For example, in Greece's 1958 election only five groupings contested the election and have recorded vote totals, but because two of these groupings were umbrellas, seat totals are recorded for nine different parties (Mackie and Rose, *International Almanac*, pp. 198–200). In the figures below,  $\text{Eff } N_s$  is based on seat totals for the same groups as are used for the calculation of  $\text{Eff } N_v$ , disregarding any post-election splitting of the groupings that contested the election together.

Conditions of use: there aren't any, but citations are always appreciated ...

<b>Albania</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
2001	8.12	3.18	2.60	140
2005	30.21	10.46	3.75	139
2009	7.60	3.18	2.60	140
See Notes.				

<b>Andorra</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
2001	9.97	3.28	2.70	28
2005	6.10	2.77	2.28	28
2009	8.41	2.94	2.40	28

<b>Angola</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
1992	3.95	2.46	2.24	220
2008	4.34	1.47	1.31	220

<b>Antigua &amp; Barbuda</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
1971	16.90	2.09	1.56	17
1976	18.54	2.04	1.97	17
1980	20.35	2.04	1.61	17
1984	24.97	1.94	1.12	17
1989	24.99	1.98	1.27	17
1994	12.85	2.05	1.97	17
1999	19.64	2.09	1.80	17
2004	17.19	2.07	1.80	17
2009	5.59	2.07	2.21	17

<b>Argentina</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
1951	25.17	1.97	1.21	149
2005	4.99	8.94	6.49	127

<b>Australia</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
1946	9.61	2.74	2.40	74
1949	7.53	2.64	2.62	121
1951	5.39	2.49	2.58	118
1954	2.88	2.46	2.47	114
1955	6.84	2.73	2.47	112
1958	11.05	2.97	2.59	122
1961	7.12	2.81	2.52	122
1963	9.00	2.79	2.66	122
1966	10.83	2.97	2.63	124
1969	6.95	2.84	2.61	125
1972	6.90	2.77	2.47	125

1974	5.96	2.66	2.52	127
1975	13.93	2.69	2.52	127
1977	14.93	3.11	2.46	124
1980	8.25	2.81	2.66	125
1983	10.31	2.67	2.24	125
1984	7.95	2.79	2.43	148
1987	10.42	2.90	2.28	148
1990	12.48	3.37	2.35	148
1993	8.12	2.91	2.39	147
1996	10.97	3.21	2.62	148
1998	10.87	3.44	2.48	148
2001	9.37	3.44	2.49	150
2004	8.60	3.17	2.44	150
2007	10.27	3.03	2.25	150

<b>Austria</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
1945	2.65	2.22	2.09	165
1949	3.05	2.78	2.54	165
1953	3.99	2.76	2.47	165
1956	4.02	2.48	2.22	165
1959	4.39	2.48	2.20	165
1962	3.98	2.46	2.20	165
1966	3.81	2.39	2.14	165
1970	2.99	2.29	2.12	165
1971	1.19	2.28	2.21	183
1975	1.04	2.26	2.21	183
1979	0.93	2.27	2.22	183
1983	2.44	2.40	2.26	183
1986	0.93	2.72	2.63	183
1990	2.07	3.16	2.99	183
1994	1.03	3.87	3.73	183
1995	1.03	3.59	3.49	183
1999	3.53	3.82	3.41	183
2002	1.33	3.02	2.88	183
2006	2.80	3.71	3.38	183
2008	2.92	4.79	4.24	183

<b>Bahamas</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
1972	13.89	1.99	1.63	38
1977	22.58	2.52	1.45	38
1982	16.63	2.03	1.61	43
1987	10.20	2.11	1.97	49
1992	12.20	1.98	1.79	49
1997	27.10	1.97	1.34	40
2002	22.24	2.30	1.79	40
2007	5.03	2.13	1.97	41

<b>Barbados</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
1971	17.50	1.96	1.60	24
1976	17.72	2.03	1.70	24
1981	10.42	2.02	1.87	27
1986	29.35	1.94	1.25	27
1991	12.47	2.29	1.85	28
1994	16.75	2.52	1.84	28
1999	27.96	1.84	1.15	28
2003	20.81	1.98	1.56	30
2008	13.33	2.00	1.80	30

<b>Belgium</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
1946	3.04	3.21	2.91	202
1949	4.89	3.25	2.75	212
1950	3.23	2.71	2.49	212
1954	3.61	2.97	2.63	212
1958	3.37	2.72	2.45	212
1961	4.12	3.08	2.69	212
1965	2.45	3.97	3.59	212
1968	3.50	5.31	4.97	212
1971	2.42	5.87	5.45	212
1974	1.93	6.13	5.76	212
1977	2.52	5.69	5.24	212
1978	2.81	7.50	6.80	212
1981	4.17	9.01	7.62	212
1985	3.31	8.15	7.00	212
1987	3.24	8.14	7.13	212
1991	3.49	9.81	8.41	212
1995	3.04	9.47	8.03	150
1999	2.99	10.28	9.05	150
2003	5.16	8.84	7.03	150
2007	3.37	9.04	7.91	150

<b>Belize</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
1979	19.68	2.00	1.67	18
1984	20.02	2.06	1.60	28
1989	2.65	2.00	1.99	28
1993	6.43	2.00	1.98	29
1998	29.53	1.96	1.23	29
2003	22.10	2.04	1.58	29
2008	22.69	2.03	1.45	31

<b>Benin</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
1991	3.39	9.76	8.83	64

<b>Bermuda</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
1989	7.50	2.53	2.12	40
1993	4.24	2.15	1.98	40
1998	10.00	2.05	1.83	40
2003	9.28	2.01	1.91	36
2007	8.55	2.00	1.91	36

<b>Bhutan</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
2008	26.63	1.79	1.14	47

<b>Bolivia</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
1966	12.49	2.07	1.47	102
1979	4.66	3.51	3.29	117
1980	5.16	4.35	4.13	130
1985	3.16	4.58	4.31	130
1989	6.94	5.00	3.92	130
1993	6.43	4.67	3.71	130
1997	3.16	5.92	5.50	130
2002	5.33	5.77	4.96	130
2005	4.00	2.62	2.36	130

<b>Botswana</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
1965	8.38	1.50	1.21	31
1969	7.46	1.99	1.62	31
1974	6.74	1.65	1.39	32
1979	12.50	1.69	1.21	32
1984	14.13	1.96	1.35	34
1989	22.86	2.02	1.19	34
1994	11.50	2.34	1.78	40
1999	20.89	2.44	1.42	40
2004	21.30	2.74	1.56	57
2009	21.69	2.71	1.56	57

<b>Brazil</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
1990	4.60	9.80	8.68	502
1994	4.41	8.52	8.16	513
1998	3.19	8.14	7.14	524
2002	3.07	9.28	8.47	513
2006	3.00	10.62	9.32	513

<b>Bulgaria</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
<i>1990 SMD</i>	9.99	2.89	2.24	200
<i>1990 list</i>	1.40	2.75	2.59	200
1990 overall	5.37	2.82	2.42	400

1991	12.50	4.19	2.41	240
1994	7.78	3.85	2.73	240
1997	3.94	3.00	2.52	240
2001	7.82	3.91	2.92	240
2005	3.97	5.80	4.80	240
2009	7.00	4.40	3.34	240

<b>Cabo Verde</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
1995	7.00	2.13	1.76	72
2001	5.51	2.41	2.07	72
2006	4.19	2.14	2.05	72

<b>Canada</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
1945	8.10	3.71	2.85	245
1949	20.62	2.83	1.75	262
1953	14.05	2.86	2.13	261
1957	2.91	2.99	2.84	263
1958	21.15	2.44	1.54	265
1962	6.43	3.23	2.84	265
1963	7.45	3.19	2.65	265
1965	10.19	3.31	2.59	265
1968	11.58	2.97	2.33	264
1972	6.26	3.25	2.84	264
1974	9.86	2.96	2.38	264
1979	10.41	3.09	2.45	282
1980	8.72	2.93	2.39	282
1984	20.91	2.74	1.69	282
1988	11.33	3.04	2.33	295
1993	17.67	3.93	2.35	295
1997	13.26	4.09	2.98	301
2000	13.56	3.77	2.54	301
2004	9.81	3.78	3.03	308
2006	8.61	3.75	3.22	308
2008	10.09	3.87	3.15	308

<b>Chile</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
1945	6.30	6.64	5.25	147
1949	3.99	7.07	6.02	147
1953	9.58	11.89	9.01	147
1957	12.63	8.60	6.76	147
1961	9.51	6.44	5.89	147
1965	9.37	4.06	2.80	147
1969	5.82	4.92	4.08	150
1973	3.45	5.10	4.45	150
1989	6.52	7.79	5.31	120
1993	7.37	6.76	4.97	120

1997	8.45	7.29	5.40	120
2001	5.08	6.56	5.94	120
2005	6.82	6.61	5.60	120

<b>Costa Rica</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
1953	10.24	2.38	1.96	45
1958	3.52	3.57	3.21	45
1962	2.30	2.71	2.64	57
1966	3.01	2.33	2.14	57
1970	5.13	2.56	2.15	57
1974	9.15	4.01	3.13	57
1978	5.47	2.88	2.38	57
1982	3.22	2.53	2.27	57
1986	3.25	2.48	2.21	57
1990	4.10	2.56	2.21	57
1994	4.78	2.73	2.30	57
1998	6.28	3.37	2.56	57
2002	4.53	4.52	3.68	57
2006	7.53	4.62	3.23	57

<b>Croatia</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
2000	5.65	5.50	4.01	151
2003	9.60	5.93	3.56	152
2007	7.58	4.23	3.07	153

<b>Cyprus</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
2001	1.59	3.76	3.64	56
2006	2.42	4.29	3.90	56

<b>Czechia</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
1990	11.54	3.50	2.22	200
1992	8.57	7.31	4.80	200
1996	5.55	5.33	4.15	200
1998	5.70	4.69	3.71	200
2002	5.73	4.82	3.67	200
2006	5.72	3.91	3.10	200

<b>Denmark</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
1945	1.82	4.57	4.48	148
1947	4.24	3.80	3.56	148
1950	0.38	4.01	3.99	149
1953 Apr	0.81	3.92	3.84	149
1953 Sep	2.16	3.81	3.63	175
1957	1.81	3.91	3.76	175

1960	2.07	3.81	3.59	175
1964	1.89	3.75	3.50	175
1966	1.80	4.23	3.96	175
1968	1.87	4.56	4.23	175
1971	3.45	4.52	3.94	175
1973	1.20	7.11	6.86	175
1975	1.42	5.59	5.41	175
1977	0.41	5.23	5.17	175
1979	1.49	4.99	4.83	175
1981	1.57	5.76	5.47	175
1984	1.38	5.24	5.04	175
1987	2.11	5.82	5.31	175
1988	2.34	5.83	5.31	175
1990	2.62	4.85	4.36	175
1994	1.57	4.76	4.54	175
1998	0.42	4.73	4.71	175
2001	1.58	4.69	4.48	175
2005	1.76	5.19	4.89	175
2007	0.72	5.41	5.33	175

<b>Dominica</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
1980	26.06	2.96	1.49	21
1985	15.19	2.11	1.76	21
1990	3.97	2.69	2.55	21
1995	15.88	2.99	2.58	21
2000	4.41	2.56	2.38	21
2005	6.31	2.16	2.11	21

**East Timor**

see Timor Leste

<b>El Salvador</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
1964	3.25	2.28	2.15	52
1966	5.40	2.54	2.25	52
1968	5.95	2.39	2.44	52
1970	6.27	2.29	1.91	52
1972	7.68	1.96	1.69	52
1978	2.31	1.21	1.16	54
1985	10.45	2.69	2.56	60
1988	4.87	2.75	2.41	60
1991	3.88	3.34	3.01	84
1994	4.70	3.48	3.06	84
1997	4.57	3.95	4.03	84
2000	5.48	3.68	3.49	84
2003	5.39	4.09	3.54	84
2006	1.62	3.03	3.04	84
2009	3.35	2.92	2.94	84

<b>Estonia</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
1992	7.23	8.84	5.90	101
1995	7.34	5.93	4.15	101
1999	4.57	6.88	5.50	101
2003	3.50	5.42	4.67	101
2007	3.43	5.02	4.37	101

<b>Faeroe Islands</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
1998	3.59	5.25	4.70	32
2002	1.99	4.67	4.49	32
2004	3.49	5.03	4.74	32
2008	1.73	5.31	5.16	33

<b>Fiji</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
1972	4.32	2.18	1.86	52
1977 Apr	4.22	2.38	2.16	52
1977 Sep	16.10	2.69	1.86	52
1982	2.58	2.27	2.13	52
1987	5.49	2.14	1.99	52
1992	8.27	3.90	3.75	70
1994	10.76	4.23	3.23	70
1999	19.26	5.32	3.21	71
2001	15.76	4.66	2.81	71
2006	7.52	2.80	2.23	71

<b>Finland</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
1945	2.72	5.10	4.77	200
1948	3.05	4.89	4.54	200
1951	1.74	4.97	4.78	200
1954	2.15	4.97	4.71	200
1958	2.18	5.20	4.87	200
1962	4.13	5.85	5.09	200
1966	2.93	5.22	4.96	200
1970	2.90	6.16	5.58	200
1972	2.33	5.95	5.51	200
1975	3.22	5.89	5.31	200
1979	2.68	5.75	5.21	200
1983	2.19	5.44	5.14	200
1987	4.98	6.13	4.93	200
1991	3.24	6.03	5.23	200
1995	3.81	5.82	4.88	200
1999	3.24	5.93	5.15	200
2003	3.16	5.65	4.93	200
2007	3.20	5.88	5.13	200

<b>France</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
1945	4.15	4.62	4.20	522
1946 Jun	3.76	4.52	4.16	522
1946 Nov	3.05	4.65	4.32	544
1951	7.69	5.42	5.93	544
1956	3.27	6.09	5.73	544
1958	21.22	6.09	3.45	465
1962	14.99	4.93	3.43	465
1967	10.03	4.56	3.76	470
1968	19.21	4.31	2.49	470
1973	11.01	5.68	4.52	473
1978	6.57	5.08	4.20	474
1981	16.04	4.13	2.68	474
1986	7.23	4.65	3.90	556
1988	11.84	4.40	3.07	555
1993	25.25	6.89	2.86	577
1997	17.69	6.56	3.54	577
2002	21.95	5.22	2.26	576
2007	13.58	4.32	2.49	577

<b>Germany</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
1919	2.71	4.31	4.10	421
1920	1.19	6.72	6.42	459
1924 May	1.14	7.59	7.10	472
1924 Dec	0.81	6.51	6.24	493
1928	1.54	6.69	6.14	491
1930	0.87	7.26	7.09	577
1932 Jul	0.71	4.40	4.29	608
1932 Nov	0.82	4.94	4.79	584
1933	0.81	3.83	3.72	647
1949	3.85	5.70	4.65 (4.01)	402
1953	3.67	4.21	3.63 (2.79)	487
1957	4.69	3.59	3.07 (2.39)	497
1961	3.43	3.50	3.11 (2.51)	499
1965	2.31	3.15	2.93 (2.38)	496
1969	3.92	3.03	2.71 (2.24)	496
1972	0.67	2.85	2.79 (2.34)	496
1976	0.59	2.91	2.85 (2.31)	496
1980	1.41	3.10	2.96 (2.44)	497
1983	0.50	3.22	3.16 (2.51)	498
1987	0.76	3.56	3.47 (2.80)	497
1990	4.63	3.75	3.17 (2.65)	662
1994	2.22	3.75	3.45 (2.91)	672
1998	3.15	3.78	3.31 (2.91)	667
2002	4.61	4.09	3.38 (2.80)	603
2005	2.16	4.46	4.05 (3.44)	614
2009	3.40	5.58	4.83 (3.97)	622

See Notes.

<b>Gibraltar</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
2000	5.61	1.98	1.99	15
2003	7.81	2.33	1.99	15
2007	7.87	2.21	1.94	17

<b>Greece</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
1946	1.54	2.73	2.60	354
1950	7.12	7.99	5.72	250
1951	9.48	4.15	3.05	258
1952	27.27	2.71	1.41	300
1956	6.69	2.19	2.05	300
1958	13.88	3.52	2.44	300
1961	7.27	2.55	2.17	300
1963	5.98	2.83	2.42	300
1964	4.39	2.40	2.19	300
1974	15.79	2.74	1.72	300
1977	13.58	3.73	2.35	300
1981	8.40	2.69	2.09	300
1985	7.08	2.58	2.15	300
1989 Jun	4.37	2.73	2.40	300
1989 Nov	3.94	2.56	2.32	300
1990	3.97	2.63	2.37	300
1993	7.57	2.63	2.17	300
1996	9.45	3.07	2.36	300
2000	6.78	2.64	2.21	300
2004	7.37	2.66	2.19	300
2007	6.99	3.02	2.62	300
2009	7.29	3.16	2.59	300

<b>Greenland</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
2002	3.43	4.44	4.01	31
2005	1.40	4.25	4.09	31
2009	2.26	3.38	3.17	31

<b>Grenada</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
1962	6.13	2.00	1.92	10
1967	15.42	1.98	1.72	10
1972	27.86	1.94	1.30	15
1976	7.47	2.07	1.92	15
1984	32.28	2.11	1.14	15
1990	9.71	3.85	3.08	15
1995	18.32	3.65	2.42	15
1999	33.10	2.16	1.00	15

2003	4.35	2.30	1.99	15
2008	21.74	2.03	1.64	15

<b>Guinea-Bissau</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
1994	12.85	3.51	2.28	100

<b>Guyana</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
1964	1.12	2.57	2.53	53
1968	0.76	2.22	2.20	53
1980	0.79	1.56	1.57	53
1985	0.97	1.55	1.53	53
1992	1.17	2.15	2.14	53
1997	1.12	2.13	2.12	53
2001	1.15	2.19	2.23	65
2006	1.08	2.37	2.34	65

See Notes.

<b>Honduras</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
1971	2.62	1.99	2.00	64
1980	2.40	2.16	2.17	71
1981	0.91	2.15	2.17	82
1985	1.34	2.14	2.12	134
1989	2.62	2.13	2.00	128
1993	2.13	2.14	2.03	128
1997	3.73	2.37	2.15	133
2001	2.41	2.58	2.41	128
2005	4.08	2.69	2.37	128

See Notes.

<b>Hungary</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
<i>1990 SMD</i>	<i>30.37</i>	<i>7.36</i>	<i>2.15</i>	<i>176</i>
<i>1990 list</i>		<i>6.71</i>		<i>152</i>
1990 overall	13.75	7.05	3.77	386
<i>1994 SMD</i>	<i>39.95</i>	<i>5.99</i>	<i>1.38</i>	<i>176</i>
<i>1994 list</i>		<i>5.50</i>		<i>152</i>
1994 overall	16.18	5.74	2.90	386
<i>1998 SMD</i>	<i>23.15</i>	<i>5.73</i>	<i>2.70</i>	<i>176</i>
<i>1998 list</i>		<i>4.65</i>		<i>152</i>
1998 overall	10.88	5.18	3.45	386
<i>2002 SMD</i>	<i>12.15</i>	<i>3.05</i>	<i>2.05</i>	<i>176</i>
<i>2002 list</i>		<i>2.84</i>		<i>152</i>
2002 overall	8.20	2.94	2.21	386
<i>2006 SMD</i>	<i>12.13</i>	<i>2.89</i>	<i>2.17</i>	<i>176</i>
<i>2006 list</i>	<i>6.69</i>	<i>2.70</i>	<i>2.17</i>	<i>152</i>
2006 overall	5.13	2.80	2.40	386

See Notes.

<b>Iceland</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
1946	1.61	3.59	3.61	52
1949	6.75	3.55	3.47	52
1953	8.00	4.15	3.44	52
1956	13.57	3.62	3.48	52
1959 Jun	7.55	3.40	3.20	52
1959 Oct	3.07	3.65	3.44	60
1963	2.80	3.37	3.33	60
1967	2.34	3.77	3.54	60
1971	2.67	4.10	3.85	60
1974	2.78	3.47	3.38	60
1978	3.39	4.21	3.85	60
1979	2.67	3.89	3.79	60
1983	3.72	4.26	4.06	60
1987	2.31	5.77	5.34	63
1991	2.79	4.23	3.78	63
1995	1.98	4.30	3.95	63
1999	1.06	3.55	3.45	63
2003	1.85	3.94	3.71	63
2007	3.49	4.06	3.62	63
2009	2.58	4.55	4.18	63

<b>India</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
2004	4.53	7.59	6.52	543
2009	7.83	7.74	5.01	543

<b>Indonesia</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
1955	1.54	6.36	6.41	257
2004	4.45	8.55	7.07	550
2009	6.84	9.59	6.13	560

<b>Iraq</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
2005	4.40	4.03	3.45	275

<b>Ireland</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
1922	5.54	4.03	3.39	90
1923	3.25	3.95	3.55	150
1927 Jun	3.94	5.73	4.85	152
1927 Sept	3.29	3.49	3.09	149
1932	3.97	3.04	2.65	149
1933	2.08	2.84	2.68	149
1937	3.33	2.97	2.64	137

1938	3.20	2.56	2.41	131
1943	5.29	3.80	3.24	137
1944	5.18	3.33	2.83	134
1948	5.59	4.10	3.66	146
1951	2.60	3.37	3.26	146
1954	2.35	3.25	3.01	146
1957	4.40	3.16	2.72	146
1961	4.46	3.23	2.78	143
1965	2.17	2.72	2.61	143
1969	5.38	2.83	2.46	143
1973	2.40	2.81	2.59	143
1977	4.91	2.75	2.36	147
1981	2.73	2.87	2.62	165
1982 Feb	1.69	2.69	2.53	165
1982 Nov	2.74	2.72	2.52	165
1987	5.14	3.47	2.89	165
1989	3.85	3.38	2.94	165
1992	3.10	3.94	3.46	165
1997	6.55	4.03	3.00	166
2002	6.62	4.13	3.38	165
2007	5.85	3.77	3.03	165

See Notes.

**Ireland EP elections**

	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
1979	10.15	3.84	3.81	15
1984	13.93	3.67	2.23	15
1989	9.55	5.56	3.95	15
1994	11.80	4.82	3.17	15
1999	7.79	4.34	3.81	15
2004	9.77	5.14	3.76	13
2009	13.38	5.48	4.00	12

**Israel**

	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
1949	2.62	5.38	4.73	120
1951	0.70	5.10	5.02	120
1955	1.26	6.31	5.96	120
1959	1.12	5.17	4.89	120
1961	0.64	5.49	5.35	120
1965	0.84	4.91	4.71	120
1969	0.72	3.63	3.56	120
1973	2.86	3.83	3.35	120
1977	2.69	5.03	4.37	120
1981	2.98	3.59	3.13	120
1984	2.17	4.31	3.86	120
1988	2.53	5.03	4.38	120
1992	2.22	4.93	4.39	120
1996	1.65	6.15	5.61	120

1999	2.22	10.07	8.69	120
2003	2.53	7.05	6.17	120
2006	2.49	8.98	7.84	120
2009	1.61	7.37	6.77	120

<b>Italy</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
1946	1.60	4.68	4.39	556
1948	3.64	2.95	2.57	574
1953	3.68	4.18	3.54	590
1958	2.74	3.87	3.45	596
1963	2.58	4.16	3.74	630
1968	2.66	3.94	3.53	630
1972	3.25	4.08	3.55	630
1976	2.75	3.53	3.16	630
1979	2.69	3.91	3.47	630
1983	2.57	4.52	4.02	630
1987	2.52	4.62	4.07	630
1992	2.51	6.63	5.71	630
1994	7.81*	7.58*	7.67	630
1996	6.91*	7.17*	6.09	630
2001	10.22*	6.32*	5.30	630
2006	3.61	5.69	5.06	629
2008	5.73	3.82	3.07	617

\* refers to list votes and seats only

See Notes.

<b>Jamaica</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
1949	7.83	2.69	2.23	32
1955	5.73	2.45	1.97	32
1959	9.23	2.01	1.85	45
1962	7.11	2.06	1.95	45
1967	11.48	2.01	1.89	53
1972	13.34	1.98	1.73	53
1976	21.57	1.96	1.51	60
1980	26.08	1.94	1.34	60
1989	18.36	1.97	1.60	60
1993	26.40	1.94	1.30	60
1997	27.08	2.15	1.34	60
2002	5.82	2.02	1.95	60
2007	4.82	2.00	1.98	60

<b>Japan</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
1946	5.10	7.78	5.76	464
1947	3.95	4.74	4.02	466
1949	9.53	4.05	2.77	466
1952	3.45	3.49	3.06	466

1953	3.73	4.39	3.86	466
1955	4.13	4.03	3.67	467
1958	3.58	2.26	1.98	467
1960	6.23	2.41	2.00	467
1963	5.15	2.56	2.15	467
1967	6.46	3.06	2.41	486
1969	9.02	3.39	2.50	486
1972	7.00	3.44	2.67	491
1976	7.44	4.07	3.18	511
1979	4.00	3.79	3.30	511
1980	6.59	3.45	2.74	511
1983	4.27	3.67	3.24	511
1986	7.22	3.38	2.58	512
1990	6.73	3.48	2.71	512
1993	6.36	5.29	4.20	511
<i>1996 SMD</i>	<i>15.82</i>	<i>3.89</i>	<i>2.36</i>	<i>300</i>
<i>1996 list</i>	<i>2.96</i>	<i>4.28</i>	<i>3.84</i>	<i>200</i>
1996 overall	10.67	4.12	2.94	500
<i>2000 SMD</i>	<i>15.57</i>	<i>3.77</i>	<i>2.36</i>	<i>300</i>
<i>2000 list</i>	<i>2.49</i>	<i>5.15</i>	<i>4.72</i>	<i>180</i>
2000 overall	11.49	4.56	3.17	480
<i>2003 SMD</i>	<i>10.64</i>	<i>2.99</i>	<i>2.29</i>	<i>300</i>
<i>2003 list</i>	<i>4.01</i>	<i>3.42</i>	<i>3.03</i>	<i>180</i>
2003 overall	8.52	3.26	2.59	480
<i>2005 SMD</i>	<i>23.00</i>	<i>2.73</i>	<i>1.77</i>	<i>300</i>
<i>2005 list</i>	<i>4.65</i>	<i>3.72</i>	<i>3.15</i>	<i>180</i>
2005 overall	15.63	3.22	2.27	480
<i>2009 SMD</i>	<i>22.47</i>	<i>2.65</i>	<i>1.70</i>	<i>300</i>
<i>2009 list</i>	<i>5.85</i>	<i>3.66</i>	<i>2.91</i>	<i>180</i>
2009 overall	15.11	3.15	2.10	480
See Notes.				

<b>Korea, South</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
2000	8.91	3.43	2.39	273
2004	12.11	3.36	2.36	299

<b>Kosova</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
2001	1.02	3.24	3.22	100
2004	1.78	3.32	3.08	100
See Notes.				

<b>Latvia</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
1993	4.14	6.21	5.05	100
1995	5.18	9.62	7.59	100
1998	4.66	6.94	5.49	100
2002	7.28	6.78	5.02	100

2006	4.77	7.49	6.00	100
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<b>Lesotho</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
1965	14.18	2.79	2.14	60
1970	8.70	2.32	1.97	60
1993	23.99	1.64	1.00	65
1998	32.46	2.27	1.03	79
2002	8.17	2.78	2.16	118
2007	—	—	3.15	120

See Notes.

<b>Liechtenstein</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
2005	1.54	2.50	2.47	25
2009	7.41	2.36	2.15	25

<b>Lithuania</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
<i>1992 SMD</i>	<i>13.55</i>	<i>5.59</i>	<i>3.08</i>	<i>71</i>
<i>1992 list</i>	<i>7.02</i>	<i>3.83</i>	<i>2.86</i>	<i>70</i>
1992 overall	9.61	4.62	2.99	141
<i>1996 SMD</i>	<i>19.29</i>	<i>7.81</i>	<i>3.24</i>	<i>69</i>
<i>1996 list</i>	<i>14.22</i>	<i>7.16</i>	<i>3.40</i>	<i>70</i>
1996 overall	15.17	7.52	3.41	139
<i>2000 SMD</i>	<i>12.30</i>	<i>9.38</i>	<i>5.00</i>	<i>71</i>
<i>2000 list</i>	<i>10.52</i>	<i>5.59</i>	<i>3.43</i>	<i>70</i>
2000 overall	10.42	7.22	4.22	141
<i>2004 SMD</i>			<i>5.81</i>	<i>71</i>
<i>2004 list</i>	<i>4.40</i>	<i>5.78</i>	<i>4.82</i>	<i>70</i>
2004 overall	5.03*	5.78*	5.46	141
<i>2008 SMD</i>			<i>4.80</i>	<i>71</i>
<i>2008 list</i>	<i>8.43</i>	<i>8.90</i>	<i>5.92</i>	<i>70</i>
2008 overall	11.14*	8.90*	5.78	141

\* See Notes.

<b>Luxembourg</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
1945	3.56	3.34	3.05	51
1948/51	1.32	3.16	3.07	52
1954	3.95	3.00	2.68	52
1959	1.59	3.26	3.14	52
1964	3.54	3.51	3.17	56
1968	2.21	3.50	3.40	56
1974	1.83	4.27	4.05	59
1979	5.17	4.17	3.46	59
1984	2.99	3.56	3.23	64
1989	5.03	4.65	3.77	60
1994	4.67	4.71	3.90	60

1999	3.22	4.71	4.34	60
2004	3.36	4.26	3.81	60
2009	4.22	4.25	3.63	60

<b>Macedonia</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
1998	15.12	5.04	3.09	120
2002	8.15	4.13	2.81	120
2006	5.16	5.29	4.06	120

See Notes.

<b>Malaysia</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
2008	8.35	5.60	5.43	222

<b>Malta</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
1945	11.61	1.74	1.22	10
1947	3.06	2.42	2.45	40
1950	3.97	4.21	3.96	40
1951	2.29	3.39	3.29	40
1953	6.87	2.78	2.31	40
1955	2.74	2.06	1.96	40
1962	6.30	3.22	2.74	50
1966	7.29	2.39	1.97	50
1971	1.06	2.04	2.00	55
1976	0.77	2.00	2.00	65
1981	3.23	2.00	2.00	65
1987	0.34	2.01	2.00	69
1992	1.52	2.06	2.00	65
1996	1.37	2.06	2.00	69
1998	1.77	2.04	1.99	65
2003	1.81	2.02	1.99	65
2008	1.44	2.08	2.00	69

<b>Mexico</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
<i>1997 SMD</i>	<i>12.39</i>	<i>3.42</i>	<i>2.48</i>	<i>300</i>
<i>1997 list</i>	<i>2.59</i>	<i>3.42</i>	<i>3.34</i>	<i>199</i>
1997 overall	6.77	3.42	2.85	499
<i>2000 SMD</i>	<i>10.50</i>	<i>3.00</i>	<i>2.35</i>	<i>300</i>
<i>2000 list</i>	<i>2.36</i>	<i>3.00</i>	<i>2.78</i>	<i>200</i>
2000 overall	6.70	3.00	2.54	500
<i>2003 SMD</i>	<i>9.86</i>	<i>3.19</i>	<i>2.47</i>	<i>298</i>
<i>2003 list</i>	<i>4.42</i>	<i>3.19</i>	<i>3.12</i>	<i>198</i>
2003 overall	4.74	3.19	2.76	496
<i>2006 SMD</i>	<i>10.44</i>	<i>3.42</i>	<i>2.76</i>	<i>300</i>
<i>2006 list</i>	<i>0.37</i>	<i>3.42</i>	<i>3.38</i>	<i>200</i>
2006 overall	6.34	3.42	3.03	500

2009 SMD	17.30	3.77	2.23	300
2009 list	0.94	3.77	3.68	200
2009 overall	10.46	3.77	2.75	500

<b>Moldova</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
1994	9.49	3.95	2.62	104
1998	10.28	5.78	3.43	101
2001	16.34	3.52	1.85	101
2005	9.13	3.27	2.31	101
2009 Apr	8.64	3.43	2.45	101
2009 Jul	2.94	3.70	3.32	101

<b>Montenegro</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
2002	4.20	2.84	2.57	77
2006	2.39	3.36	3.16	81
2009	6.64	3.19	2.47	81

<b>Myanmar</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
1990	22.13	2.37	1.52	485

<b>Namibia</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
1989	0.93	2.41	2.41	72
1994	0.74	1.69	1.71	72
1999	0.69	1.67	1.66	72
2004	0.94	1.69	1.68	72

<b>Netherlands</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
1946	1.10	4.68	4.47	100
1948	1.27	4.98	4.68	100
1952	1.56	5.00	4.65	100
1956	0.98	4.26	4.07	150
1959	1.64	4.47	4.15	150
1963	1.30	4.80	4.51	150
1967	1.60	6.23	5.71	150
1971	1.73	7.09	6.40	150
1972	1.19	6.84	6.42	150
1977	1.52	3.96	3.70	150
1981	1.30	4.56	4.29	150
1982	1.16	4.24	4.01	150
1986	1.67	3.77	3.49	150
1989	0.90	3.90	3.75	150
1994	1.08	5.72	5.42	150
1998	1.28	5.15	4.81	150
2002	0.88	6.04	5.79	150

2003	1.05	4.99	4.74	150
2006	1.03	5.80	5.54	150

<b>New Zealand</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
1946	1.09	2.01	2.00	80
1949	5.18	2.03	1.96	80
1951	8.41	1.99	1.88	80
1954	11.57	2.48	1.97	80
1957	6.38	2.30	2.00	80
1960	9.31	2.37	1.96	80
1963	8.60	2.39	1.97	80
1966	12.44	2.61	2.02	80
1969	8.87	2.45	1.99	84
1972	12.06	2.43	1.87	87
1975	12.93	2.56	1.87	87
1978	15.55	2.87	2.01	92
1981	16.63	2.90	2.08	92
1984	15.40	2.99	1.98	95
1987	8.89	2.34	1.94	97
1990	17.24	2.77	1.74	97
1993	18.19	3.52	2.16	99
1996	3.43	4.27	3.76	120
1999	2.97	3.86	3.45	120
2002	2.37	4.17	3.76	120
2005	1.13	3.04	2.98	121
2008	3.84	3.07	2.78	122

<b>Nicaragua</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
1990	1.79	2.19	2.05	92
<i>1996 natnl lists</i>		2.87		22
<i>1996 deptal lists</i>		2.93		70
1996 overall	2.34	2.90	2.74	92
<i>2001 natnl lists</i>		2.16		22
<i>2001 deptal lists</i>		2.20		70
2001 overall	3.18	2.18	2.04	92
2006			3.14	90

<b>Northern Ireland</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
1945	16.60	3.27	2.25	52
1949	10.81	2.12	1.86	52
1953	20.36	3.83	1.80	52
1958	20.53	4.08	1.88	52
1962	17.44	3.05	2.15	52
1965	15.58	2.49	1.95	52
1969	14.29	6.19	3.48	52

1973	3.68	5.98	5.19	78
1975	4.57	5.65	5.62	78
1982	5.86	5.07	4.23	78
1996	3.89	5.85	5.31	110
1998	3.66	6.06	5.41	108
2003	2.88	4.91	4.54	108
2007	3.12	4.81	4.30	108
See Notes.				

<b>Norway</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
1945	7.83	4.11	3.18	150
1949	9.23	3.62	2.67	150
1953	4.07	3.52	3.09	150
1957	3.64	3.35	2.99	150
1961	3.06	3.50	3.22	150
1965	4.23	3.82	3.51	150
1969	3.81	3.52	3.18	150
1973	5.03	5.01	4.14	155
1977	5.93	3.76	2.97	155
1981	4.94	3.87	3.19	155
1985	4.75	3.63	3.09	157
1989	3.67	4.84	4.23	165
1993	3.95	4.73	4.04	165
1997	3.44	4.94	4.36	165
2001	3.22	6.19	5.35	165
2005	2.67	5.11	4.56	169
2009	3.01	4.55	4.07	169

<b>Palestine</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
1996	9.96*	2.68*	2.31	132

\* based on list votes only

<b>Paraguay</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
1989	8.46	1.68	1.89	72
1993	6.27	2.81	2.45	80
1998	3.46	2.07	1.94	80
2003	8.50	4.23	3.18	80
2008	5.81	4.36	3.43	80

<b>Peru</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
1995	3.49	3.42	2.91	120
2000	1.39	4.00	3.80	120
2001	8.95	6.60	4.37	120
2006	13.95	7.31	3.78	120

<b>Poland</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
1991	3.62	13.82	10.86	460
1993	17.81	9.81	3.88	460
1997	10.63	4.59	2.95	460
2001	6.33	4.50	3.60	460
2005	6.97	5.86	4.26	460
2007	4.67	3.32	2.82	460

<b>Portugal</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
1975	5.70	3.66	2.93	247
1976	3.68	3.99	3.43	259
1979	3.74	3.00	2.61	246
1980	3.93	2.89	2.50	246
1983	3.04	3.73	3.34	246
1985	3.63	4.78	4.19	246
1987	6.12	2.98	2.37	246
1991	6.09	2.79	2.23	230
1995	4.60	2.97	2.55	230
1999	4.90	3.13	2.61	230
2002	4.64	3.03	2.50	226
2005	5.75	3.13	2.56	230
2009	5.63	3.83	3.13	230

<b>Romania</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
1990	0.90	2.21	2.20	396
1992	6.81	6.96	4.78	341
1996	6.34	6.09	4.31	343
2000	8.56	5.25	3.56	346
2004	3.74	3.90	3.36	332
2008	3.32	3.93	3.60	334

<b>Russia</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
<i>1995 SMD</i>	9.95	26.20	11.59	225
<i>1995 list</i>	20.11	10.06	3.31	225
1995 overall	12.97	15.42	6.14	450
<i>1999 SMD</i>	6.19	24.31	14.30	216
<i>1999 list</i>	5.57	6.10	4.57	225
1999 overall	5.05	11.24	7.96	441
<i>2003 SMD</i>	14.86	9.85	4.42	222
<i>2003 list</i>	12.11	4.75	2.79	225
2003 overall	12.01	6.61	3.60	447
2007	4.33	2.22	1.92	450

**St Kitts &**

<b>Nevis</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
1971	26.71	2.48	1.59	9
1975	16.96	2.26	1.53	9
1980	5.91	2.56	2.79	9
1984	20.95	2.45	2.47	11
1989	15.94	2.77	2.69	11
1993	7.92	3.08	3.27	11
1995	22.04	2.64	2.20	11
2000	28.46	2.60	1.75	11
2004	19.68	2.70	2.20	11

<b>St Lucia</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
1974	4.74	2.07	1.94	17
1979	14.38	1.97	1.71	17
1982	24.07	2.40	1.44	17
1987 Apr 6	9.03	2.32	1.99	17
1987 Apr 30	6.15	2.21	1.99	17
1992	7.96	1.97	1.84	17
1997	31.56	1.92	1.12	17
2001	23.66	2.18	1.41	17
2006	13.12	2.01	1.84	17

<b>St Vincent and the Grenadines</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
1961	16.04	2.12	1.80	9
1966	6.47	2.00	1.98	9
1967	12.89	1.99	1.80	9
1972	4.48	2.17	2.32	13
1974	8.43	1.92	1.61	13
1979	25.20	2.57	1.35	13
1984	14.99	2.28	1.74	13
1989	32.10	1.88	1.00	15
1994	21.21	2.43	1.51	15
1998	7.98	1.99	1.99	15
2001	22.32	2.05	1.47	15
2005	24.71	1.98	1.47	15

See Notes.

<b>San Marino</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
1998	0.88	3.73	3.65	60
2001	0.85	3.55	3.52	60
2006	2.10	4.22	3.88	60

<b>Sao Tome e Principe</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
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1991	4.66	2.16	1.98	55
1994	5.81	3.20	2.70	55
1998	4.58	2.76	2.36	55
2002	4.55	2.76	2.36	55
2006	6.12	3.78	2.92	55

<b>Scotland</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
1999	7.55	4.36	3.34	129
2003	7.31	5.64	4.23	129
2007	6.99	4.71	3.41	129
See Notes.				

<b>Senegal</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
1978	1.12	1.43	1.39	100
1983	10.43	1.52	1.16	120
1988	12.77	1.75	1.32	120
1993	11.19	2.40	1.84	120
1998	12.40	3.22	2.10	140
2001	19.28	3.27	1.76	120
2007	13.54	2.04	1.31	150

<b>Serbia</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
2003	6.19	6.43	4.80	250
2007	4.87	5.56	4.55	250
2008	1.49	3.73	3.48	250

<b>Slovakia</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
1990	3.54	5.81	4.98	150
1992	11.15	5.36	3.19	150
1994	5.94	5.81	4.41	150
1998	2.90	5.33	4.75	150
2002	6.97	8.87	6.12	150
2006	5.53	6.11	4.81	150

<b>Slovenia</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
1990	2.94	9.00	8.21	80
1992	5.33	8.37	6.61	90
1996	3.59	6.32	5.53	90
2000	1.51	5.15	4.86	90
2004	4.79	6.02	4.90	90
2008	3.89	4.94	4.23	88

<b>South Africa</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
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1994	0.36	2.24	2.21	400
1999	0.28	2.17	2.15	400
2004	0.26	1.97	1.97	400
2009	0.30	2.13	2.12	400

<b>Spain</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
1977	10.05	4.30	2.91	350
1979	10.56	4.25	2.81	350
1982	8.02	3.19	2.34	350
1986	7.19	3.59	2.68	350
1989	9.35	4.13	2.85	350
1993	7.08	3.52	2.67	350
1996	5.36	3.21	2.72	350
2000	6.10	3.12	2.48	350
2004	4.25	3.00	2.53	350
2008	4.49	2.79	2.36	350

<b>Sri Lanka</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
2000	2.65	2.70	2.59	225
2001	3.86	2.79	2.76	225
2004	2.80	2.78	2.76	225

<b>Surinam</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
1967	12.27	5.60	3.43	39
1969	9.37	3.65	2.78	39
1973	6.45	2.45	1.97	39
1977	8.91	2.47	1.97	39
1987	8.42	1.35	1.59	51
1991	4.63	2.69	2.31	51
1996	6.75	3.62	2.98	51
2000	13.70	3.74	2.15	51
2005	7.38	3.92	3.20	51

<b>Sweden</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
1948	3.51	3.34	3.06	230
1952	2.19	3.27	3.09	230
1956	2.43	3.38	3.18	231
1958	2.16	3.31	3.17	231
1960	2.05	3.26	3.11	232
1964	2.27	3.43	3.25	233
1968	3.03	3.18	2.87	233
1970	1.61	3.48	3.32	350
1973	1.57	3.51	3.35	350
1976	1.23	3.57	3.45	349
1979	1.27	3.63	3.48	349

1982	2.40	3.39	3.13	349
1985	1.35	3.52	3.39	349
1988	2.45	3.92	3.67	349
1991	2.86	4.57	4.19	349
1994	1.18	3.65	3.50	349
1998	0.97	4.55	4.29	349
2002	1.52	4.51	4.23	349
2006	3.02	4.66	4.15	349

<b>Switzerland</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
1947	3.41	5.34	5.00	192
1951	2.46	5.09	4.84	192
1955	1.70	4.96	4.75	192
1959	1.97	5.04	4.77	194
1963	1.15	4.99	4.84	194
1967	1.47	5.56	5.22	193
1971	2.47	6.08	5.52	198
1975	3.09	5.80	5.01	200
1979	1.73	5.51	5.14	198
1983	2.94	6.04	5.31	200
1987	3.78	6.82	5.74	198
1991	2.60	7.38	6.70	200
1995	4.37	6.79	5.60	200
1999	3.17	5.87	5.16	200
2003	2.47	5.44	5.01	200
2007	2.56	5.61	4.97	200

<b>Taiwan</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
<i>2008 SMD</i>	22.79	2.31	1.60	79
<i>2008 list</i>	7.30	2.49	1.94	34
2008 overall	16.89	2.40	1.75	113

<b>Timor Leste</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
2007	4.48	5.40	4.37	65

<b>Togo</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
2007	16.46	3.33	2.02	81

<b>Trinidad and Tobago</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
1961	9.04	2.01	1.80	30
1966	12.13	2.50	1.80	36
1971	14.44	1.38	1.00	36
1976	9.75	2.65	1.91	36

1981	21.61	2.81	1.74	36
1986	24.57	1.84	1.18	36
1991	17.15	2.86	2.11	36
1995	1.65	2.23	2.23	36
2000	1.94	2.07	2.10	36
2001	3.16	2.15	2.00	36
2002	3.71	2.09	1.98	36
2007	20.81	2.84	1.87	41

<b>Turkey</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
2007	11.76	3.47	2.25	550

<b>Uganda</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
1961	9.07	2.41	2.13	82
1980	10.59	2.24	1.95	126

<b>Ukraine</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
2002	7.44	6.98	4.67	225
2006	8.56	5.17	3.38	450
2007	3.59	3.85	3.30	450

<b>United Kingdom</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
1945	11.62	2.72	2.12	637
1950	6.91	2.44	2.08	623
1951	2.61	2.13	2.06	621
1955	4.13	2.16	2.03	630
1959	7.30	2.28	1.99	630
1964	8.88	2.53	2.06	630
1966	8.44	2.42	2.02	630
1970	6.59	2.46	2.07	630
1974 Feb	15.47	3.13	2.25	635
1974 Oct	14.96	3.15	2.25	635
1979	11.58	2.87	2.15	635
1983	17.45	3.46	2.09	650
1987	14.95	3.33	2.17	650
1992	13.55	3.06	2.27	651
1997	16.51	3.22	2.13	659
2001	17.76	3.33	2.17	659
2005	16.73	3.59	2.46	646

*See also* Northern Ireland, Scotland, Wales

<b>United States (House)</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
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1946	2.27	2.04	1.98	435
1948	7.00	2.07	1.92	435
1950	3.96	2.06	2.00	435
1952	1.17	2.04	2.01	435
1954	0.58	2.01	1.99	435
1956	2.62	2.01	1.99	435
1958	8.33	1.98	1.84	437
1960	4.92	2.01	1.92	437
1962	7.42	2.01	1.93	435
1964	9.92	1.97	1.77	435
1966	5.69	2.03	1.96	435
1968	4.80	2.04	1.97	435
1970	3.62	2.03	1.94	435
1972	2.73	2.04	1.97	435
1974	7.90	2.00	1.80	435
1976	9.67	2.02	1.79	435
1978	9.15	2.04	1.86	435
1980	4.59	2.06	1.97	435
1982	5.71	2.02	1.89	435
1984	5.39	2.03	1.95	435
1986	4.02	2.01	1.93	435
1988	5.55	2.03	1.93	435
1990	7.89	2.08	1.91	435
1992	7.08	2.14	1.94	435
1994	1.31	2.08	2.00	435
1996	3.21	2.18	2.00	435
1998	2.71	2.21	2.01	435
2000	3.15	2.25	2.02	435
2002	2.00	2.15	2.00	435
2004	2.99	2.18	2.00	435
2006	1.57	2.10	1.99	435
2008	4.01	2.09	1.94	435

**United States****(Presidential electoral college)**

	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
1860	23.08	3.40	2.34	303
1948	9.44	2.22	2.18	531
1952	27.86	2.00	1.39	531
1956	28.35	1.98	1.32	531
1960	8.26	2.03	2.00	537
1964	29.05	1.92	1.21	538
1968	10.82	2.57	2.24	538
1972	35.29	1.96	1.07	538
1976	4.34	2.08	1.98	538
1980	36.57	2.32	1.20	538
1984	38.48	1.96	1.05	538
1988	25.33	2.03	1.49	538
1992	23.02	2.80	1.75	538

1996	17.99	2.41	1.71	538
2000	2.68	2.16	2.00	538
2004	2.06	2.05	1.99	538
2008	14.24	2.05	1.77	538

<b>Uruguay</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
1946	1.05	3.07	2.97	99
1950	1.11	2.65	2.55	99
1954	0.86	2.60	2.53	99
1958	1.65	2.55	2.41	99
1962	1.62	2.40	2.35	99
1966	1.41	2.44	2.33	99
1971	0.52	2.76	2.72	99
1984	0.39	2.95	2.92	99
1989	0.54	3.38	3.33	99
1999	0.60	3.12	3.07	99
2004	1.32	2.49	2.39	99
2009	1.10	2.75	2.65	99

<b>Wales</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
1999	8.61	3.82	3.03	60
2003	10.39	4.38	3.00	60
2007	11.36	5.08	3.33	60

See Notes.

<b>Zambia</b>	LSq	Eff N <sub>v</sub>	Eff N <sub>s</sub>	N seats
1964	14.88	1.80	1.74	75
1968	3.74	1.67	1.55	105
1991	8.54	1.63	1.38	150
1996	21.29	2.50	1.31	150
2001	16.01	5.49	3.00	150
2006	8.32	3.90	2.87	148

See Notes.

## Notes

### **Albania**

First two measures based on list votes. The highly disproportional outcome in 2005 results from the (deliberately) low list vote won by the two parties that together won virtually all of the SMD seats, thus converting the mixed compensatory electoral system into in effect a mixed parallel system. The electoral system was changed to a PR list system, with 12 regional constituencies, prior to the 2009 election.

### **Argentina**

Aggregated figures from elections more recent than 2005 are unavailable.

### **Germany**

For effective number of legislative parties ( $N_s$ ), the first column shows the number based on treating the CDU and CSU as separate parties. However, they form a single parliamentary party, and treating them as just one party at parliamentary level produces the  $N_s$  figures shown in parentheses.

### **Guyana**

2006 figures based on national PR-list votes and total seats.

### **Honduras**

1980 figures refer to the election of a Constitutional Assembly

### **Hungary**

176 seats are filled in single-member constituencies (districts) and 152 are filled in multi-member constituencies (districts). In addition, a further 58 seats are filled from national lists, based on votes not 'used' at the other two levels, which is why the seat totals for SMDs and lists do not add to the overall total.

### **Ireland**

N seats refers to contested seats only. The outgoing Ceann Comhairle (speaker) is automatically re-elected without contest, and has availed himself (no female holders of the office yet) of this option at every election bar that of 1997.

### **Italy**

In 1994, 1996 and 2001 the number of list seats was 155.

### **Japan**

Overall figures from 1996 onwards based on total votes (sum of list and SMD votes) and total seats.

### **Kosova (/Kosovo)**

Figures exclude the 20 'minority' seats, which do not appear to be awarded through votes. If those are included, the value of  $N_s$  rises: to 4.15 in 2001, 4.31 in 2004.

### **Lesotho**

Disproportionality and vote-fragmentation figures for 2007 are difficult to calculate meaningfully because of successful manipulation by the main parties of the mixed compensatory electoral system: the parties that won virtually all of the constituency seats did not run at all in the PR-list section of the election, thus freeing up their supporters to vote for allied parties, which duly won most of the list seats. This in effect converted the mixed compensatory electoral system into a mixed parallel system, as in Albania in 2005.

### **Lithuania**

For 1992–2000 results, based on total votes (sum of list votes and SMD votes) and total seats, which is how the indices should be calculated given that Lithuania uses a mixed parallel electoral system. For 2004 and 2008, though, asterisked figures calculated on the basis of list (regional) votes and total seats, because figures for SMD results are not available.

The detailed 2008 constituency results are available on the web at [http://www.vrk.lt/2008\\_seimo\\_rinkimai/output\\_en/rezultatai\\_vienmand\\_apygardose/r ezultatai\\_vienmand\\_apygardose1turas.html](http://www.vrk.lt/2008_seimo_rinkimai/output_en/rezultatai_vienmand_apygardose/r ezultatai_vienmand_apygardose1turas.html) but not in aggregated form.

### **Macedonia**

On the basis of PR-list votes and total seats.

### **Northern Ireland**

Figures for 1945–65 include uncontested seats won. Figures for 1945–62 include votes cast in University seats.

Figures for 1969 and 1973 need to be treated with some caution, since the largest party was fundamentally split, with pro- and anti-leadership candidates, alongside a number of independent candidates who were de facto supporters of the leadership. Figures are presented here for the groupings reported in Sydney Elliott, *Northern Ireland Parliamentary Election Results 1921–72* (Chichester: Political Reference Publications, 1973), and Ian McAllister, *The 1975 Northern Ireland Convention Election* (Glasgow: Survey Research Centre, University of Strathclyde, 1975), p. 15.

### **St Vincent and the Grenadines**

1998 figures based on results given in several sources that show a party (the ULP) winning a minority of the seats despite receiving 55 per cent of the votes while a party with 45 per cent of the votes (the NDP) won a majority of the seats. If the seat numbers have been attributed to the wrong parties in these sources, the correct value of LSq would be 1.31; the other indices would remain unaltered.

### **Scotland**

On the basis of list (regional) votes and total seats.

### **Wales**

On the basis of list (regional) votes and total seats.

### **Zambia**

2006 figures are based on the results in 148 of the 150 constituencies. In the other two constituencies (numbers 94 and 104) polling was postponed, and the results do not

appear in the official returns. The MMD won both seats and based on all 150 seats  $N_s$  is 2.84.

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