

Council Areas in Scotland and District Council Areas in Northern Ireland are equivalent to Unitary Authorities in England and Wales, but are shown separately.

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STV FOR WESTMINSTER

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INTRODUCTION

This paper presents a schedule for electing the UK Parliament by Single Transferable Vote from multi-member constituencies.

The constituencies, mostly electing 4 or 5 MPs, are based on local authority areas. The rules used to define constituencies are given in the next section, followed by a schedule of the 118 resulting constituencies, electing 512 MPs. A map of the constituencies is on the cover.

Some outline statistics, including a comparison of variability in the number of electors per MP with that under the present system, are given in an appendix.

RULES

The proposed scheme is derived using the following rules:

- 1. Constituencies preferably elect either 4 or 5 MPs; where the other rules make this difficult, either 3 or 6 is allowed.
- 2. Constituencies are assigned one MP for every 100,000 electors or part thereof; thus a constituency with between 400,001 and 500,000 electors is assigned 5 MPs.
- 3. Constituencies are based on Local Authority areas. No unitary or district Local Authorities are split¹. Ceremonial counties in England, preserved counties in Wales, and metropolitan authorities in England are sub-divided only if their entitlement exceeds 6 MPs, in all cases respecting district and unitary authority boundaries within them².
- 4. Exceptions to Rules 1 and 2: in line with current practice, some allowance is made for sparsely-populated and isolated areas. Smaller numbers of MPs (generally 2 or 3, but in exceptional cases³ just 1) are allowed in sparsely populated areas; and the ceiling on the number of electors per MP is reduced to 90,000 for areas where the population density is less than 150/sq km, and 80,000 where it is less than 30/sq km.

¹With one exception, Birmingham, which is subdivided because its entitlement exceeds 6 MPs.

 $^{^{2}}$ The one case, Stockton-on-Tees, where a district is split between two ceremonial counties has been dealt with by using the Tees Valley area as a constituency

³The Western Isles, Northern Isles, and Argyll and Bute.

Schedule of constituencies

Note: (*) and (**) indicate constituencies with low or very low population density for which the ceiling on electors/MP is reduced to 90,000 and 80,000 respectively (see Rule 4).

1 Teesside LAs: Darlington, Hartlepool, Midd			(electors/MP 98914) d, Stockton-on-Tees
2 Durham LAs: Durham	electorate 393603 ,	seats 4	(electors/MP 98401) $$
3 Northumberland LAs: Northumberland	electorate 246058 ,	seats 3	(electors/MP 82019) (*)
4 North Tyne LAs: Newcastle upon Tyne, North	electorate 344494 , Tyneside	seats 4	(electors/MP 86124)
5 South Tyne LAs: Gateshead, South Tyneside, S	electorate 475132 , Sunderland	seats 5	(electors/MP 95026) $$
6 N Lancashire LAs: Lancaster, Preston, Ribble V	electorate 336374 , alley, Wyre	seats 4	(electors/MP 84094)
7 SW Lancashire LAs: Blackpool, Chorley, Fylde, So	electorate 422075 , outh Ribble, West Lan		(electors/MP 84415) $$
8 SE Lancashire LAs: Blackburn with Darwen, Bur			(electors/MP 86330) dale
9 Cumbria	1	. –	
LAs: Cumbria	electorate 390857 ,	seats 5	(electors/MP 78171) (*)
LAs: Cumbria 10 Bury, Rochdale & Oldham	electorate 456430,	seats 5	
LAs: Cumbria 10 Bury, Rochdale & Oldham LAs: Bury, Oldham, Rochdale 11 Stockport & Tameside	electorate 456430,	seats 5	(electors/MP 91286)
LAs: Cumbria 10 Bury, Rochdale & Oldham LAs: Bury, Oldham, Rochdale 11 Stockport & Tameside LAs: Stockport, Tameside 12 Manchester	electorate 456430 , electorate 381825 ,	seats 5 seats 4	(electors/MP 91286) (electors/MP 95456)

15 Sefton, Knowsley & St Helens LAs: Knowsley, St Helens, Sefton	electorate 456494 ,	seats 5	(electors/MP 91299)
16 Liverpool & Wirral LAs: Liverpool, Wirral	electorate 559862 ,	seats 6	(electors/MP 93310) $$
17 W Cheshire & Halton LAs: Halton, Cheshire West and C		seats 4	(electors/MP 85261)
18 E Cheshire & Warrington LAs: Warrington, Cheshire East	electorate 437280 ,	seats 5	(electors/MP 87456)
19 NE Yorkshire LAs: Hambleton, Richmondshire, I	electorate 232435 , Ryedale, Scarborough	seats 3	(electors/MP 77478) (*)
20 York & NW Yorkshire LAs: Craven, Harrogate, York, Sel		seats 5	(electors/MP 74228) (*)
21 Hull & East Riding LAs: East Riding of Yorkshire, Kin		seats 5	(electors/MP 88850)
22 N & NE Lincolnshire LAs: North East Lincolnshire, Nor	electorate 240422 , th Lincolnshire	seats 3	(electors/MP 80141) $$
23 Bradford LAs: Bradford	electorate 328197 ,	seats 4	(electors/MP 82049)
24 Leeds LAs: Leeds	electorate 536788 ,	seats 6	(electors/MP 89465)
25 Calderdale & Kirklees LAs: Calderdale, Kirklees	electorate 443581 ,	seats 5	(electors/MP 88716)
26 Wakefield LAs: Wakefield	electorate 249948 ,	seats 3	(electors/MP 83316)
27 Barnsley & Doncaster LAs: Barnsley, Doncaster	electorate 389653 ,	seats 4	(electors/MP 97413) $$
28 Sheffield & Rotherham LAs: Sheffield, Rotherham	electorate 555197 ,	seats 6	(electors/MP 92533)
29 N Derbyshire LAs: Amber Valley, Bolsover, Ches North East Derbyshire			(electors/MP 88089) Peak,
30 S Derbyshire LAs: Derby, Erewash, South Derby	electorate 326364 , vshire	seats 4	(electors/MP 81591)

31 N Nottinghamshire LAs: Ashfield, Bassetlaw, Mansfiel			(electors/MP 84378)
32 S Nottinghamshire LAs: Nottingham, Broxtowe, Gedl		seats 5	(electors/MP 87412)
33 Lincolnshire LAs: Lincolnshire	electorate 532134 ,	seats 6	(electors/MP 88689) (*)
34 W Leicestershire LAs: Blaby, Charnwood, Hinckley			(electors/MP 88706) cestershire
35 E Leicestershire & Rutland LAs: Leicester, Rutland, Harborou	,		
36 Northamptonshire LAs: Northamptonshire	electorate 498197 ,	seats 5	(electors/MP 99639)
37 N Staffordshire LAs: Stoke-on-Trent, Newcastle-ur			(electors/MP 90134) ands
38 S Staffordshire LAs: Cannock Chase, East Staffor			(electors/MP 94947) shire, Stafford, Tamworth
39 Shropshire LAs: Telford and Wrekin, Shropsh)	seats 4	(electors/MP 87141) $$
40 Herefordshire LAs: Herefordshire	electorate 135998 ,	seats 2	(electors/MP 67999) (*)
41 Worcestershire LAs: Worcestershire	electorate 432784 ,	seats 5	(electors/MP 86557)
42 Wolverhampton & Walsall LAs: Walsall, Wolverhampton	electorate 358743 ,	seats 4	(electors/MP 89686)
43 Dudley & Sandwell LAs: Dudley, Sandwell	electorate 458263 ,	seats 5	(electors/MP 91653)
44 Birmingham N LAs: The 20 Council wards compr constituencies of Birmingham Ladywood, Birmingham Pern	n Erdington, Birmingh	owing the nam Hodg	,

45 Birmingham S electorate 360826 , seats 4 (electors/MP 90206) LAs: The 20 Council wards comprising Birmingham Edgbaston, Birmingham Hall Green, Birmingham Northfield, Birmingham Selly Oak and Birmingham Yardley

46 Coventry & Solihull LAs: Coventry, Solihull	electorate 371095 ,	seats 4	(electors/MP 92774) $$
47 Warwickshire LAs: Warwickshire	electorate 402971 ,	seats 5	(electors/MP 80594)
48 Cambridge & Peterborough LAs: Peterborough, Cambridgeshir		seats 6	(electors/MP 91862)
49 W Norfolk LAs: Breckland, King's Lynn and	electorate 288792 , West Norfolk, North N		(electors/MP 96264)
50 E Norfolk LAs: Broadland, Great Yarmouth,	electorate 355629 , Norwich, South Norfe		(electors/MP 88907)
51 Suffolk LAs: Suffolk	electorate 535170 ,	seats 6	(electors/MP 89195) $$
52 NW Essex LAs: Braintree, Chelmsford, Eppin	electorate 443807 , ag Forest, Harlow, Utt		(electors/MP 88761) $$
53 E Essex LAs: Southend-on-Sea, Colchester,	electorate 468976 , Maldon, Rochford, Te		(electors/MP 93795) $$
54 S Essex LAs: Thurrock, Basildon, Brentwo	,	seats 4	(electors/MP 89496)
55 E Hertfordshire LAs: Broxbourne, East Hertfordsh			(electors/MP 80538) age
56 W Hertfordshire LAs: Dacorum, Hertsmere, St Alba			(electors/MP 95738) wyn Hatfield
57 Bedfordshire LAs: Luton, Bedford, Central Bedf	electorate 433493 , fordshire	seats 5	(electors/MP 86699)
58 West End LAs: City of London, Hammersmit Camden	electorate 457329 , th and Fulham, Kensin		
59 East End LAs: Islington, Hackney, Newham,	electorate 578915 , Tower Hamlets	seats 6	(electors/MP 96486)
60 S Central London LAs: Southwark, Lambeth, Wands	electorate 568459 , worth	seats 6	(electors/MP 94743)

61 Ealing & Hounslow LAs: Ealing, Hounslow	electorate 368832 ,	seats 4	(electors/MP 92208)
62 Harrow & Hillingdon LAs: Harrow, Hillingdon	electorate 345993 ,	seats 4	(electors/MP 86498)
63 Brent & Barnet LAs: Barnet, Brent	electorate 389647 ,	seats 4	(electors/MP 97412) $$
64 N London LAs: Haringey, Enfield, Waltham	electorate 498805 , Forest	seats 5	(electors/MP 99761) $$
65 NE London LAs: Barking and Dagenham, Hav	electorate 481123 , ering, Redbridge	seats 5	(electors/MP 96225)
66 SE London LAs: Lewisham, Bexley, Greenwich	electorate 493498 ,	seats 5	(electors/MP 98700) $$
67 Croydon & Bromley LAs: Bromley, Croydon	electorate 467577 ,	seats 5	(electors/MP 93515) $$
68 SW London LAs: Kingston upon Thames, Mer			(electors/MP 99079) utton
69 Buckinghamshire LAs: Milton Keynes, Buckinghams	electorate 530091 , shire	seats 6	(electors/MP 88348)
70 N Kent LAs: Medway, Dartford, Gravesha	electorate 416332 , m, Swale	seats 5	(electors/MP 83266)
71 E Kent LAs: Ashford, Canterbury, Dover,		seats 5	(electors/MP 87892) $$
72 SW Kent LAs: Maidstone, Sevenoaks, Tonbr			(electors/MP 90820) ells
73 Brighton & East Sussex LAs: East Sussex, Brighton and H		seats 6	(electors/MP 96644)
74 West Sussex LAs: West Sussex	electorate 598470 ,	seats 6	(electors/MP 99745) $$
75 NE Hampshire LAs: Basingstoke and Deane, East			(electors/MP 84826) Vinchester
76 SE Hampshire LAs: Portsmouth, Fareham, Gospo	electorate 377422 , ort, Havant	seats 4	(electors/MP 94356) $$

77 W Hampshire LAs: Southampton, Eastleigh, New	,	seats 5	(electors/MP 97575) $$
78 E Surrey LAs: Elmbridge, Epsom and Ewell			(electors/MP 91434) stead, Tandridge
79 W Surrey LAs: Guildford, Runnymede, Spelt			(electors/MP 89397) Woking
80 Isle of Wight LAs: Isle of Wight	electorate 110349 ,	seats 2	(electors/MP 55174) $$
81 Berkshire LAs: Berkshire	electorate 591581 ,	seats 6	(electors/MP 98597) $$
82 Oxfordshire LAs: Oxfordshire	electorate 471485 ,	seats 5	(electors/MP 94297) $$
83 Wiltshire LAs: Swindon, Wiltshire	electorate 491826 ,	seats 5	(electors/MP 98365)
84 Gloucestershire LAs: Gloucestershire	electorate 456176 ,	seats 5	(electors/MP 91235) $$
85 Bristol & S Gloucestershire LAs: Bristol, South Gloucestershire		seats 5	(electors/MP 98298)
86 Bath & N Somerset LAs: Bath and North East Somers	electorate 287367 , et, North Somerset	seats 3	(electors/MP 95789) $$
87 Somerset LAs: Somerset	electorate 406321 ,	seats 5	(electors/MP 81264)
88 Dorset LAs: Bournemouth, Poole, Dorset	electorate 566863 ,	seats 6	(electors/MP 94477)
89 N & E Devon LAs: East Devon, Exeter, Mid Dev	-		(electors/MP 82358) (*) st Devon
90 S Devon LAs: Plymouth, Torbay, South Har	,	seats 5	(electors/MP 91347) $$
91 Cornwall and Isles of Scilly LAs: Cornwall and Isles of Scilly	electorate 412872 ,	seats 5	(electors/MP 82574) (*)
92 Gwynedd LAs: Isle of Anglesey, Gwynedd	electorate 136437 ,	seats 2	(electors/MP 68218) (*)

93 Clwyd LAs: Conwy, Denbighshire, Flintsh	electorate 375464 , iire, Wrexham	seats 4	(electors/MP 93866)
94 Powys LAs: Powys	electorate 102689 ,	seats 2	(electors/MP 51344) (**)
95 Dyfed LAs: Ceredigion, Pembrokeshire, C	electorate 279972 , Carmarthenshire	seats 4	(electors/MP 69993) (*)
96 West Glamorgan LAs: Swansea, Neath Port Talbot	electorate 292946 ,	seats 3	(electors/MP 97649)
97 Mid Glamorgan LAs: Bridgend, Rhondda Cynon T	electorate 318965 , aff, Merthyr Tydfil	seats 4	(electors/MP 79741) $$
98 South Glamorgan LAs: Vale of Glamorgan, Cardiff	electorate 332608 ,	seats 4	(electors/MP 83152)
99 Gwent LAs: Caerphilly, Blaenau Gwent, T			(electors/MP 84538) ort
100 Northern Isles LAs: Orkney Islands, Shetland Isla	electorate 33431 , ands	seats 1	(electors/MP 33431) (**)
101 Eilean Siar LAs: Eilean Siar	electorate 21905 ,	seats 1	(electors/MP 21905) (**)
102 Highland LAs: Highland	electorate 171457 ,	seats 3	(electors/MP 57152) (**)
103 Grampian LAs: Aberdeen, Aberdeenshire, Mo		seats 5	(electors/MP 79982) (*)
104 Dundee & Angus LAs: Angus, Dundee	electorate 189690 ,	seats 3	(electors/MP 63230) (*)
105 Mid Scotland LAs: Clackmannanshire, Perth and	electorate 212507 , l Kinross, Stirling	seats 3	(electors/MP 70836) (*)
106 Argyll & Bute LAs: Argyll and Bute	electorate 68235 ,	seats 1	(electors/MP 68235) (**)
107 Fife LAs: Fife	electorate 279547 ,	seats 3	(electors/MP 93182)
108 Edinburgh LAs: Edinburgh	electorate 322118 ,	seats 4	(electors/MP 80530)

109 SE Scotland LAs: East Lothian, Midlothian, Sc	electorate 224001 , cottish Borders	seats 3	(electors/MP 74667) (*)	
110 Dumfries & Galloway LAs: Dumfries and Galloway	electorate 116758 ,	seats 2	(electors/MP 58379) (**)	
111 Ayrshire LAs: East Ayrshire, North Ayrshin	electorate 291217 , ce, South Ayrshire	seats 4	(electors/MP 72804) (*)	
112 Glasgow LAs: Glasgow	electorate 428113 ,	seats 5	(electors/MP 85623)	
113 West of Scotland LAs: East Dunbartonshire, East R West Dunbartonshire	,		(electors/MP 98270) wshire,	
114 Lanarkshire LAs: North Lanarkshire, South La	electorate 494403 , narkshire	seats 5	(electors/MP 98881)	
115 Falkirk & West Lothian LAs: Falkirk, West Lothian	electorate 238775 ,	seats 3	(electors/MP 79592)	
 116 Northern Ireland NW electorate 350926 , seats 4 (electors/MP 87732) (*) LAs: Ballymoney, Coleraine, Cookstown, Derry, Dungannon, Fermanagh, Limavady, Magherafelt, Moyle, Omagh, Strabane 				
117 Belfast & Antrim LAs: Antrim, Ballymena, Belfast, Newtownabbey	,		(electors/MP 92145) ne, Lisburn,	
118 Northern Ireland SE electorate 344226 , seats 4 (electors/MP 86056) LAs: Ards, Armagh, Banbridge, Craigavon, Down, Newry and Mourne, North Down				

Sources of information

Thanks are due to the Office for National Statistics and the General Register Office for Scotland for providing the required non-standard statistics for England, Wales and Scotland, namely the numbers of UK parliamentary electors in each local authority area on the current Electoral Register (reference date 1 December 2008). The list of local authorities has been updated, to those current from 1 April 2009, using sources including the map from the Office of National Statistics.

Thanks are also due to the Northern Ireland Electoral Office, whose website provides numbers of UK parliamentary electors as at 1 October 2009, including a breakdown by local authority area. A revision of local authorities in Northern Ireland, reducing their number from 26 to 11, has been proposed, to come into use from 2011. Note that the three constituencies proposed here for Northern Ireland would need only very minor changes to fit with these new local authority areas.

UK Electoral Statistics 2008:

 $http://www.statistics.gov.uk/downloads/theme_other/UK_Electoral_Statistics_2008.xls$

Map of Local authorities in the UK from 1st April 2009:

http://www.statistics.gov.uk/geography/downloads/CTY_LAD_APR_2009_UK _MP.pdf

Boundary Commission for England: Fifth Periodical Report, 2007: http://www.official-documents.gov.uk/document/cm70/7032/7032.asp

Electoral Statistics - Scotland 1st December 2008:

http://www.gro-scotland.gov.uk/statistics/publications-and-data/electoral-statistics/

Electoral Office for Northern Ireland: 1 October 2009 Parliamentary Electorate: http://www.eoni.org.uk/october_2009_parliamentary_electorate_by_ward.pdf

Review of Local Government Boundaries in Northern Ireland (2008/2009): http://www.lgbc-ni.org/index/publications/final_recommendations.htm

APPENDIX: SUMMARY STATISTICS

The schedule and accompanying map show the result of applying the above rules, using data on the electoral registers current in 2009. It gives a Parliament of 512 MPs, just over 20% fewer than at present⁴, in 118 constituencies.

For England, roughly half the traditional (ceremonial) counties can be used as single constituencies. The larger counties and metropolitan areas are split into a number of constituencies, ranging up to 11 for Greater London, with each being a grouping of one or more district or unitary Local Authorities.⁵

For Wales, the eight ceremonial counties are each used as a single constituency, with number of MPs varying from 2 for the sparsely populated counties of Gwynedd and Powys up to 5 for Gwent. For Scotland, the 32 Councils are grouped into 16 constituencies. For Northern Ireland, the 26 Councils are grouped into 3 constituencies.

3

4

6

5

The distribution of the number of MPs per constituency is

 $1 \ 2$

Number



A comparison of the variability of electorate per MP for the present UK constituencies (FPTP, average 70,000) and the proposed scheme (STV, average 88,300). On a variety of standard statistical measures, the proposed scheme has significantly less variability.

 $^{^{4}}$ There are at present 646 MPs, to be increased to 650 at the next election.

⁵There are two exceptions: Teesside, which straddles the Durham/ North Yorkshire boundary, and Rutland, which is included with Leicestershire.