

Statistical information and maps for representation options

Attachment 4 to Report 12.72

Option 1 – status quo

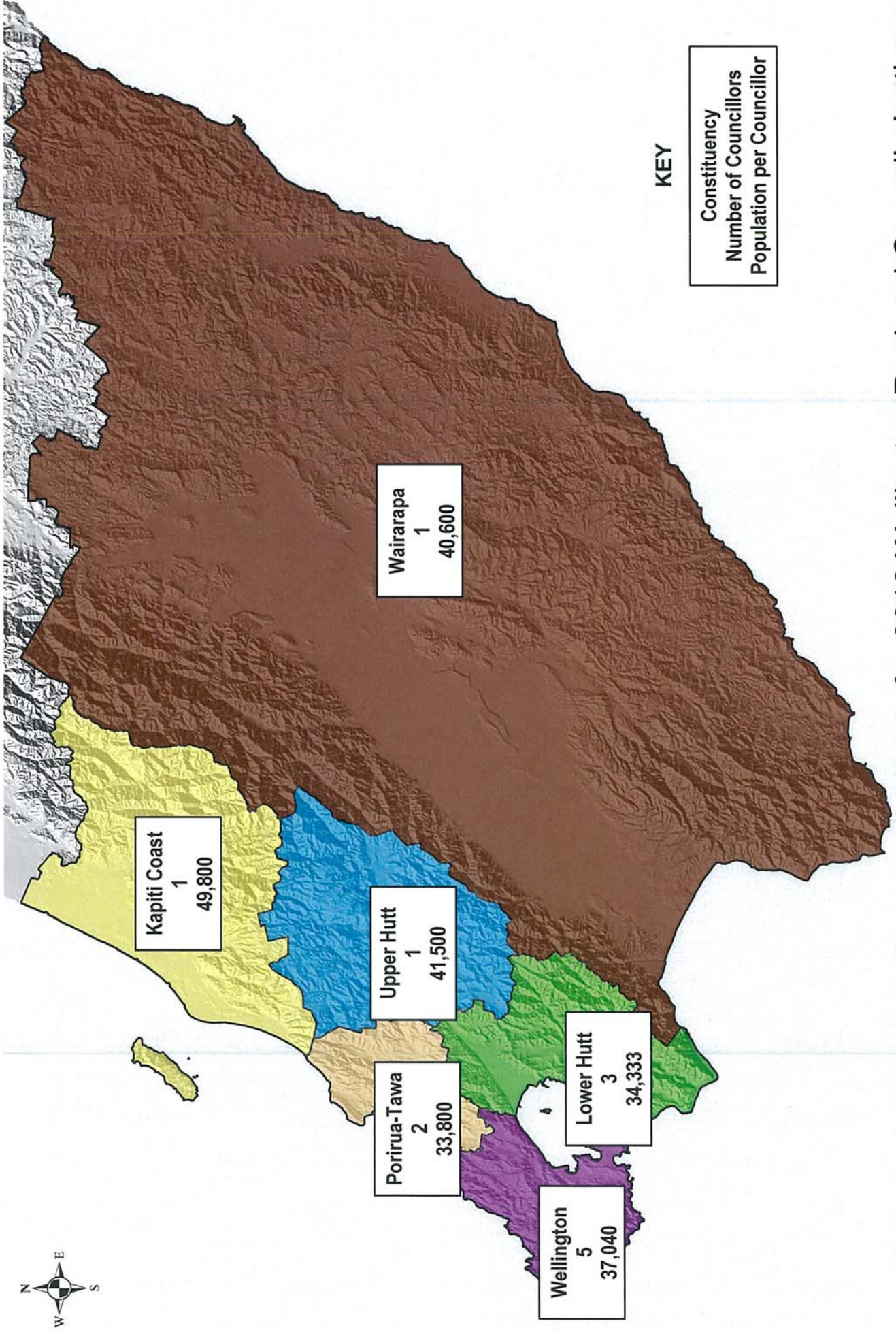
Applying the 30 June 2011 estimated resident population to the current constituencies and membership produces the following information:

Constituencies	Population	Percentage of region's population (%)	Number of councillors per constituency	Population per councillor	Deviation from the region average population per councillor (37,515)	Percentage deviation from the region average population per councillor (%)
Kapiti Coast	49,800	10.21	1	49,800	+12,285	+32.75
Porirua-Tawa	67,600	13.86	2	33,800	-3,715	-9.90
Wellington	185,200	37.97	5	37,040	-475	-1.27
Lower Hutt	103,000	21.12	3	34,333	-3,182	-8.48
Upper Hutt	41,500	8.51	1	41,500	+3,985	+10.62
Wairarapa	40,600	8.33	1	40,600	+3,085	+8.22
TOTAL	487,700	100.00	13	37,515		

If these constituencies were retained but the total membership of the Council was changed then the situation would be as follows:

Constituencies	10 members		11 members		12 members		14 members	
	Number of councillors per constituency	Percentage deviation from the region average population per councillor (48,770)	Number of councillors per constituency	Percentage deviation from the region average population per councillor (44,336)	Number of councillors per constituency	Percentage deviation from the region average population per councillor (40,642)	Number of councillors per constituency	Percentage deviation from the region average population per councillor (34,836)
Kapiti Coast	1	+2.11	1	+12.32	1	+22.53	2	-28.52
Porirua-Tawa	1	+38.61	2	-23.76	2	-16.83	2	-2.97
Wellington	4	-5.06	4	+4.43	5	-8.86	5	+6.33
Lower Hutt	2	+5.60	2	+16.16	2	+26.72	3	-1.44
Upper Hutt	1	-14.91	1	-6.40	1	+2.11	1	+19.13
Wairarapa	1	-16.75	1	-8.43	1	+0.10	1	+16.55

Within this option a Council of 13 members achieves the highest level of compliance with the +/-10% rule.



Proposed representation arrangements for 2013 Wellington Regional Council elections
 Option 1 - Status Quo (13 Councillors)

Option 2 – Modified status quo (Constituencies based on territorial authority boundaries)¹

Under this option the area of the Tawa Community (population: 14,900) would revert to falling within the Wellington Constituency.

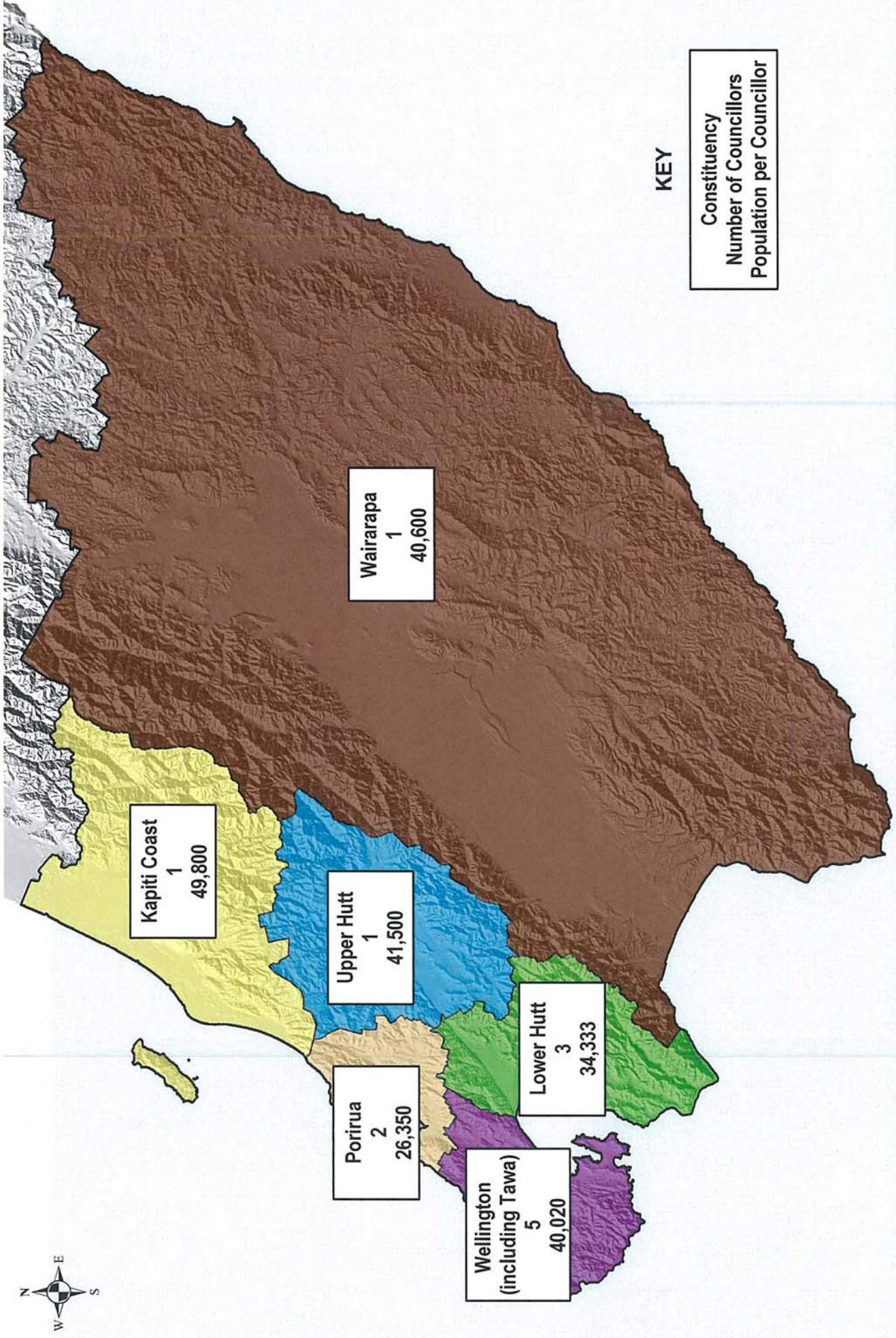
Constituencies	Population	Percentage of region's population (%)	Number of councillors per constituency	Population per councillor	Deviation from the region average population per councillor (37,515)	Percentage deviation from the region average population per councillor (%)
Kapiti Coast	49,800	10.21	1	49,800	+12,285	+32.75
Porirua	52,700	10.81	2	26,350	-11,165	-29.76
Wellington	200,100	41.02	5	40,020	+2,505	+6.68
Lower Hutt	103,000	21.12	3	34,333	-3,182	-8.48
Upper Hutt	41,500	8.51	1	41,500	+3,985	+10.62
Wairarapa	40,600	8.33	1	40,600	+3,085	+8.22
TOTAL	487,700	100.00	13	37,515		

If these constituencies were applied but the total membership of the Council were altered then the situation would be as follows:

Constituencies	10 members		11 members		12 members		14 members	
	Number of councillors per constituency	Percentage deviation from the region average population per councillor (48,770)	Number of councillors per constituency	Percentage deviation from the region average population per councillor (44,336)	Number of councillors per constituency	Percentage deviation from the region average population per councillor (40,642)	Number of councillors per constituency	Percentage deviation from the region average population per councillor (34,836)
Kapiti Coast	1	+2.11	1	+12.32	1	+22.53	1	+42.96
Porirua	1	+8.06	1	+18.87	1	+29.67	2	-24.36
Wellington	4	+2.57	5	-9.73	5	-1.53	6	-4.27
Lower Hutt	2	+5.60	2	+16.16	3	-15.52	3	-1.44
Upper Hutt	1	-14.91	1	-6.40	1	+2.11	1	+19.13
Wairarapa	1	-16.75	1	-8.43	1	-0.10	1	+16.55

Overall, while this scenario provides generally similar representation of communities of interest it exhibits a low level of compliance with the +/- 10% rule, when compared with Option 1.

¹ The Wairarapa Constituency includes that part of the Taranua District that falls within the Wellington region.



Proposed representation arrangements for 2013 Wellington Regional Council elections
 Option 2- Modified Status Quo (13 Councillors)

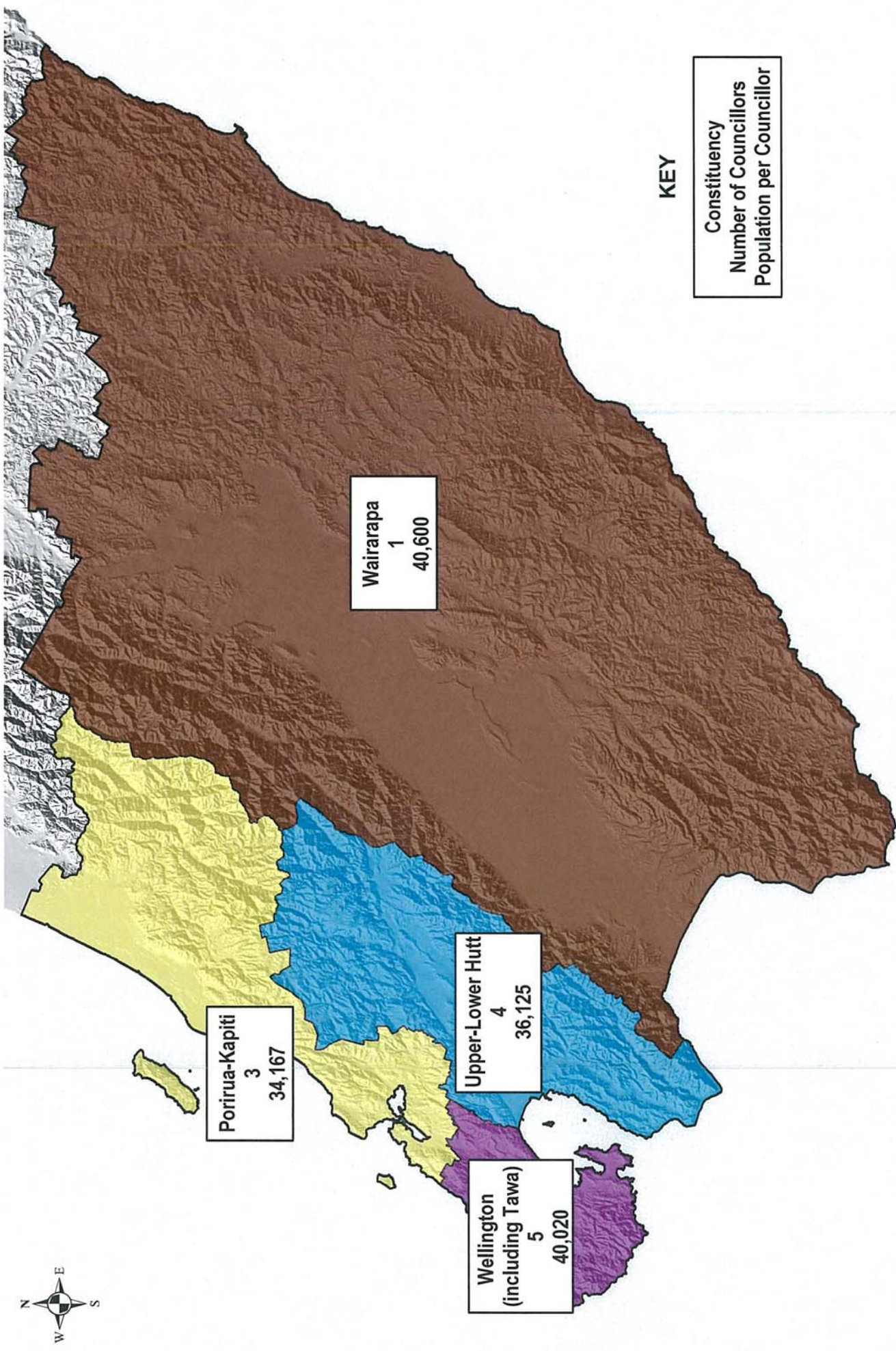
Option 3 –merged constituency model

Constituencies	Population	Percentage of region's population (%)	Number of councillors per constituency	Population per councillor	Deviation from the region average population per councillor (37,515)	Percentage deviation from the region average population per councillor (%)
Porirua - Kapiti	102,500	21.02	3	34,167	-3,348	-8.92
Wellington	200,100	41.02	5	40,020	+2,505	+6.68
Hutt Valley	144,500	29.63	4	36,125	-1,390	-3.71
Wairarapa	40,600	8.33	1	40,600	+3,085	+8.22
TOTAL	487,700	100.00	13	37,515		

The application of this model to alternative total membership numbers provides the following information:

Constituencies	10 members		11 members		12 members		14 members	
	Number of councillors per constituency	Percentage deviation from the region average population per councillor (48,770)	Number of councillors per constituency	Percentage deviation from the region average population per councillor (44,336)	Number of councillors per constituency	Percentage deviation from the region average population per councillor (40,642)	Number of councillors per constituency	Percentage deviation from the region average population per councillor (34,836)
Porirua - Kapiti	2	+5.09	2	+15.59	2	+26.10	3	-1.92
Wellington	4	+2.57	5	-9.73	5	-1.53	6	-4.27
Hutt Valley	3	-1.24	3	+8.64	4	-11.11	4	+3.70
Wairarapa	1	-16.75	1	-8.43	1	0.10	1	+16.55

The alternative total membership examples do not achieve compliance with the +/- 10% rule.



Proposed representation arrangements for 2013 Wellington Regional Council elections
 Option 3 - Merged Constituency Scenario (13 Councillors)

Option 4 – modified merged constituency model (with Tawa included in the same constituency as Porirua and Kapiti Coast)

This option is similar to Option 3, with the exception that Tawa is included in the same constituency as Porirua and Kapiti Coast.

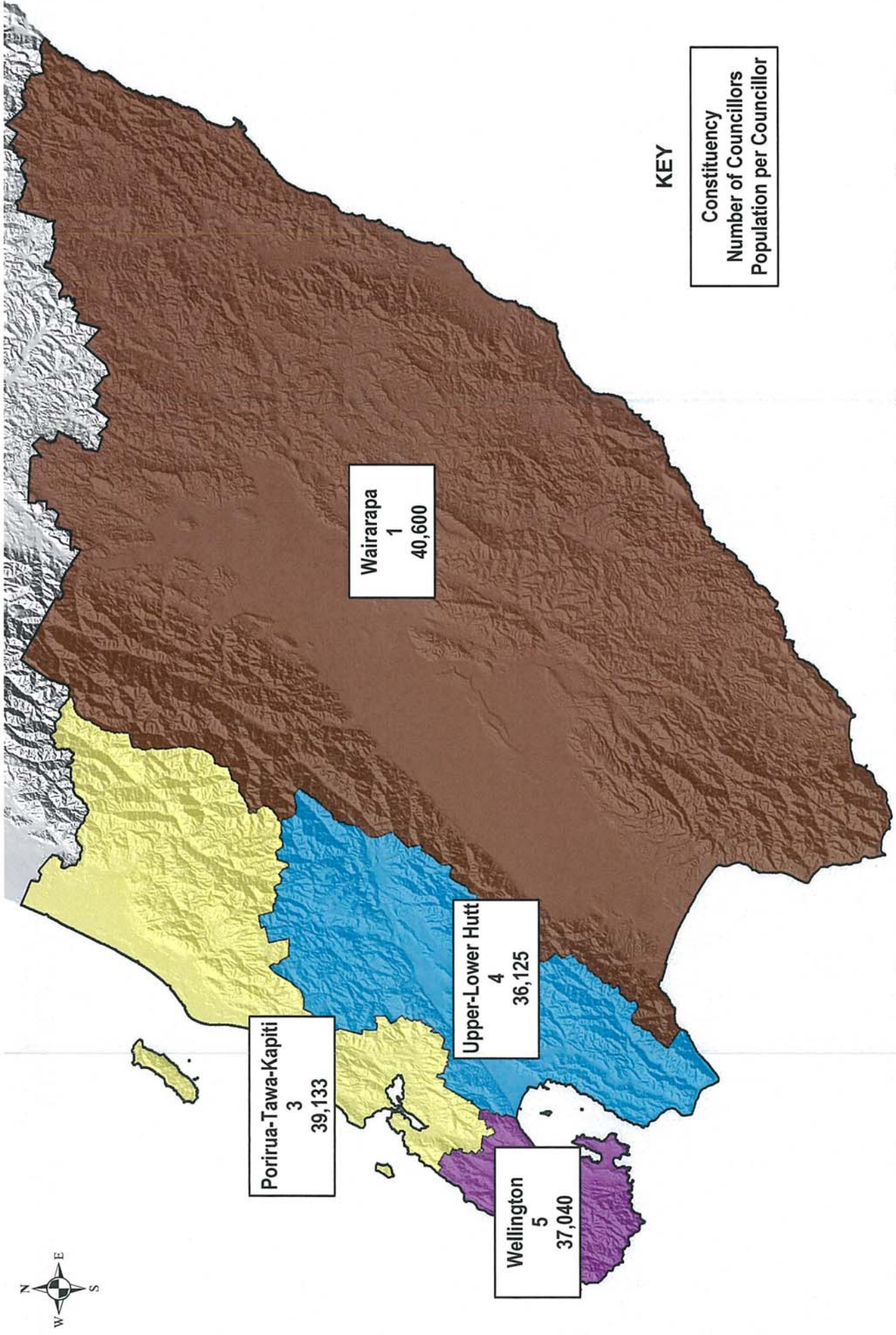
Constituencies	Population	Percentage of region's population (%)	Number of councillors per constituency	Population per councillor	Deviation from the region average population per councillor (37,515)	Percentage deviation from the region average population per councillor (%)
Porirua, Tawa and Kapiti	117,400	24.07	3	39,133	+1,618	+4.31
Wellington	185,200	37.97	5	37,040	-475	-1.27
Hutt Valley	144,500	29.63	4	36,125	-1,390	-3.71
Wairarapa	40,600	8.33	1	40,600	+3085	+8.22
TOTAL	487,700	100.00	13	37,515		

This 13 member proposal is fully compliant with the +/- 10% rule.

The application of this model to alternative total membership numbers provides the following information:

Constituencies	10 members		11 members		12 members		14 members	
	Number of councillors per constituency	Percentage deviation from the region average population per councillor (48,770)	Number of councillors per constituency	Percentage deviation from the region average population per councillor (44,336)	Number of councillors per constituency	Percentage deviation from the region average population per councillor (40,642)	Number of councillors per constituency	Percentage deviation from the region average population per councillor (34,836)
Porirua, Tawa and Kapiti	2	+20.36	3	-11.73	3	-3.71	4	-15.75
Wellington	4	-5.06	4	+4.43	5	-8.86	5	+6.33
Hutt Valley	3	-1.24	3	+8.64	3	+18.51	4	+3.70
Wairarapa	1	-16.75	1	-8.43	1	-0.10	1	+16.55

The alternative total membership examples do not achieve compliance with the +/- 10% rule.



Proposed representation arrangements for 2013 Wellington Regional Council elections
 Option 4 - Modified Merged Constituency Scenario (13 Councillors)