

A map of Penang and the surrounding regions of Malaya, showing various constituencies and administrative boundaries. The map is overlaid with a red banner at the top and a vertical red line on the right side. The text is overlaid on the map.

**Penang Institute's Simple Guide to**

**the Election Commission's**  
**Constituency Delimitation Review Report**  
**for the States of Malaya**

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# 1

## Introduction

The Election Commission (EC)'s final recommendations for the delimitation of parliamentary and state constituencies in the States of Malaya have been tabled in the Parliament on March 22 (Thursday) and a draft parliamentary order to bring the recommendations in force will be debated and voted upon on March 28 (Wednesday). The draft order will only need 111 votes to be passed. Possibly determining the outcome of at least the next two elections, this will be one of the most important decisions made by this Parliament.

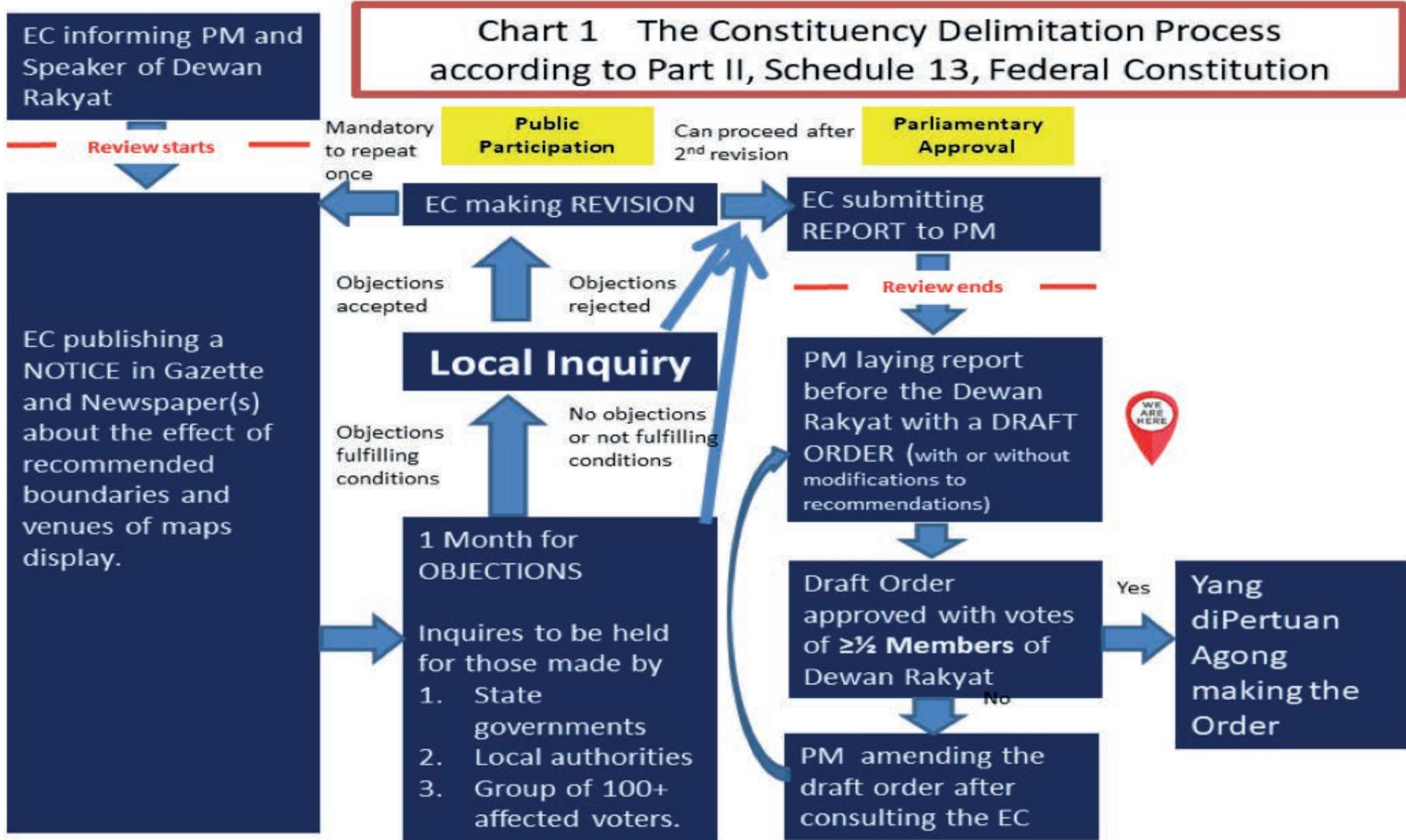
Unreasonably, Parliamentary Speaker Tan Sri Pandikar Amin Mulia has ordered for the report, in 2 volumes and at more than 1,000 pages, to be embargoed until March 28. This has hindered Malaysians from understanding and debating on the report before the parliamentarians cast their votes. It also places tremendous pressure on media practitioners to digest the details and summarise them meaningfully for the public.

In the spirit of participative democracy, Penang Institute's researchers, who have worked on constituency delimitation for more than five years, produced a simple guide on how to digest and dissect the report when you finally do get hold of it. We include here state-by-state factsheets with electorate size for all federal and state constituencies in three earlier stages: status quo, 1st recommendations and 2nd recommendations, which are not provided in the report. Hopefully, all these will enable you to make a meaningful assessment on whether the EC has carried out its tasks in compliance with the Federal Constitution.

# 2

## Where Are We Now in the Delimitation Process?

**Chart 1 The Constituency Delimitation Process according to Part II, Schedule 13, Federal Constitution**



**Table 1:** Timeline of the 2016-2018 Constituency Delimitation Process for the States of Malaya

<b>Dates</b>	<b>Events</b>	<b>States involved</b>
2016.09.15 – 2016.10.14	1 <sup>st</sup> Recommendations on Display (Beginning of Review)	All
2016.10.31 – 2017.02.28	1 <sup>st</sup> Round of Inquiry	All but Selangor
2017.03.08- 2017.04.07	2 <sup>nd</sup> Recommendations on Display	All but Selangor
2017.04.17- 2017.05.24, 2017.08.09	2 <sup>nd</sup> Round of Inquiry	All but Selangor
2017.12.27- 2018.01.09	1 <sup>st</sup> Round of Inquiry	Selangor
2018.01.15- 2018.02.14	2 <sup>nd</sup> Recommendations on Display	Selangor
2018.02.26- 2018.03.01	2 <sup>nd</sup> Round of Inquiry	Selangor
2018.03.09	Report submitted to the Prime Minister (End of Review)	All
2018.03.22	Report tabled in Dewan Rakyat	All
2018.03.28	Draft Order to be voted upon in Dewan Rakyat (111 votes required for passing)	All
	Royal assent to the Draft Order	All
	Parliamentary Order to be published on the Gazette	All
	Updated electoral rolls based on the new boundaries to be published on the Gazette	All

# 3

## What does the Federal Constitution say?

**Table 2:** Constitutional Provisions on Constituency Delimitation

Article/Section	Provisions	What it means
Article 113(2)(i)	<i>Subject to paragraph (ii), the Election Commission shall, from time to time, as they deem necessary, review the division of the Federation and the States into constituencies and recommend such changes therein as they may think necessary in order to comply with the provisions contained in the Thirteenth Schedule; and the reviews of constituencies for the purpose of elections to the Legislative Assemblies shall be undertaken at the same time as the reviews of constituencies for the purpose of elections to the House of Representatives.</i>	When the delimitation review is conducted under this clause, as in this case, then its only purpose is to correct instances of constitutional non-compliance, which may occur over time because of growth and movement of voters and local development. The EC has no discretionary power to not correct such instances of non-compliance or to propose changes that worsen them. Paragraph (ii) refers to the eight-year interval between one such review and another.
Sub-section 2(c), the Thirteenth Schedule	<i>the number of electors within each constituency in a State ought to be <u>approximately equal</u> except that, having regard to the greater difficulty of reaching electors in the country districts and the other disadvantages facing rural constituencies, a measure of <u>weightage for area</u> ought to be given to such constituencies;</i>	Constituencies within the same state must have “approximately equal” numbers of voters. However, if a constituency is both large in land mass and suffering disadvantages because of its ruralness, it may have less voters than other constituencies.
Sub-section 2(d), the Thirteenth Schedule	<i>regard ought to be had to the inconveniences attendant on alterations of constituencies, and to the <u>maintenance of local ties</u>.</i>	In redrawing constituencies boundaries, inconveniences to the stakeholders should be avoided while local ties should be maintained as far as possible.

### What to look out for:

- Since the last delimitation review was done in 2003, does this review correct all instances of constitutional non-compliance that may have accumulated in the last 15 years?
- Do the largest and smallest constituencies in a state have “approximately equal” numbers of voters?
- Do those constituencies with overly small electorates occupy overly large areas?
- Does any constituency boundary cause inconveniences or break up local ties?

# 4

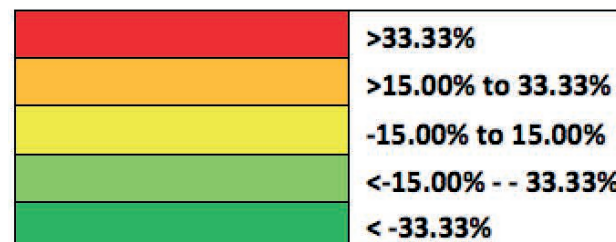
## What does the Federal Constitution mean by “approximately equal”?

**Table 3:** Constitutional Standard for Approximately Equal Apportionment

Years	Maximally-Allowed Deviation from the average*	Maximally-Allowed Largest-Smallest Ratio*	Provisions	Remarks
1957-1962	15%	(115%/85%=1.35)	Articles 116(3)-(5), 117	Applied statewide.
1962-1963	(33.33%)	2	Sub-section 2(c), the Thirteenth Schedule	Applied nationwide. In simple language, “2 is approximately equal to 1”, but if the largest constituency is 2.1 times the smallest in electorate size, it would be unconstitutional.
1963-1973	(33.33%)	2	Sub-section 2(c), the Thirteenth Schedule	Applied regionwide for Malaya, Sabah and Sarawak.
1973-	-	-	Sub-section 2(c), the Thirteenth Schedule	Applied statewide. You can no longer ask the court to declare a ratio of 2.1 as unconstitutional. But “approximately equal” stays in Sub-section 2(c) and the EC cannot defy common sense to declare 3,4,5 or any number as “approximately equal to 1”.

*\*To cap malapportionment, the Federal Constitution uses maximally-allowed deviation till 1962 and largest-smallest ratio afterwards. Both expressions are mathematically convertible.*

To help you identify unconstitutionally too large and too small constituencies, we adopt the two standards, expressed in maximum deviation, and employ a 5-class colour code, from dark green (too small) to red (too big), while yellow represents approximate equal apportionment.



### What to look out for:

- Do red and green constituencies disappear or at least reduce in number after delimitation?

# 5

## Why should area matter?

Sub-section 2(c) says, “having regard to the greater difficulty of reaching electors in the country districts and the other disadvantages facing rural constituencies, a measure of weightage for area ought to be given to such constituencies”.

This “area weightage” means, if a constituency both covers a large geographical area and suffers from rural backwardness, for example, P032 Gua Musang in Kelantan, then it can have less voters.

If the largest constituencies in landmass can have normal electorate size, then logically, smaller constituencies cannot qualify for “area weightage”

How do we know the landmass of each constituency to see if some are deservingly small in electorate size? The delimitation report provides the land mass information. Here is an extract of such information in the 2003 report for the states of Malaya (page 150).

### What to look out for:

- For every state, look out for the red constituencies with overly small electorates, then check if they are amongst the largest in land mass.
- To further see if these constituencies suffer from transportational difficulties, consult the statewide maps provided in the delimitation report which normally shows road and railway networks.

**Illustration 1:** Landmass information in the delimitation report

NEGERI SELANGOR

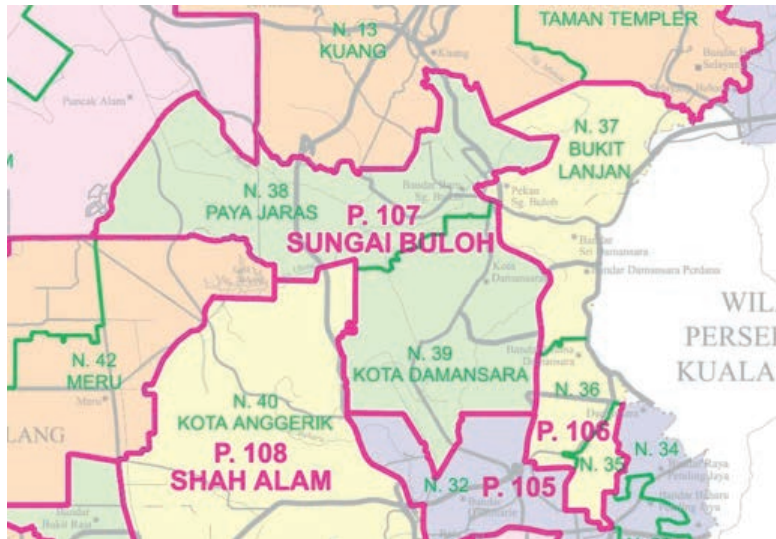
BAHAGIAN PILIHAN RAYA		KELUASAN (KM PERSEGI)
N. 1	Sungai Air Tawar	178.75
N. 2	Sabak	156.33
<b>P.02 SABAK BERNAM</b>		<b>335.08</b>
N. 3	Sungai Panjang	367.85
N. 4	Sekinchan	241.41
<b>P.03 SUNGAI BESAR</b>		<b>609.26</b>
N. 5	Ulu Bernam	573.86
N. 6	Kuala Kubu Baharu	665.39
N. 7	Batang Kali	479.15
<b>P.04 ULU SELANGOR</b>		<b>1,718.40</b>
N. 8	Sungai Burong	187.54
N. 9	Permatang	575.99
<b>P.05 TANJONG KARANG</b>		<b>763.53</b>
N.10	Bukit Melawati	135.10
N.11	Ijok	91.95
N.12	Jeram	205.53
<b>P.06 KUALA SELANGOR</b>		<b>433.58</b>
N.13	Kuang	117.79
N.14	Rawang	111.98
N.15	Taman Templer	69.80
<b>P.07 SELAYANG</b>		<b>299.63</b>

# 6

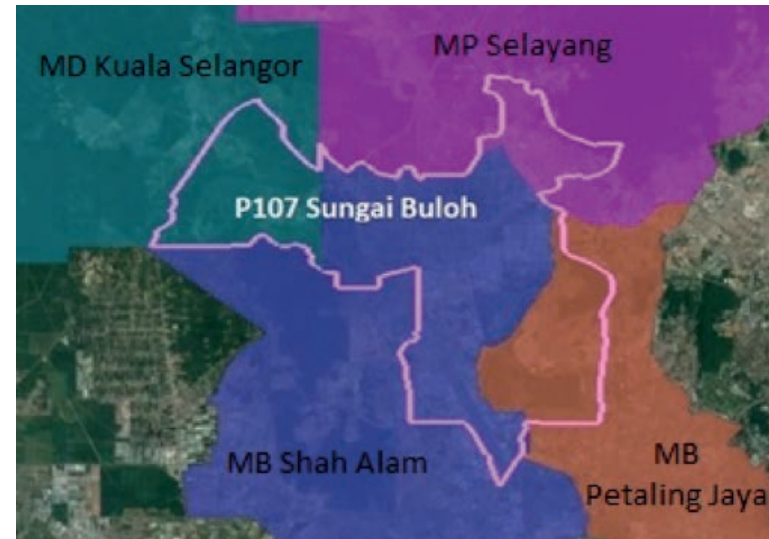
## Do electoral boundaries cause inconveniences or break local ties?

You cannot tell where gerrymandering has taken place from the report. That requires analysis of past election results which are not available in the report. You can however use your local knowledge to study the map and see if the electoral boundaries have caused inconveniences and broken local ties, as per sub-section 2(d) of the Thirteenth Schedule. Non-compliance with sub-section 2(d) is often the most telling sign of gerrymandering.

Many cases of non-compliance have been exposed in the two rounds of display and inquiry. You can check out those notorious cases to see if they stay in the final recommendation. Map 1a shows P107 Sungai Buloh proposed in the 1st Recommendations on September 15, 2016. It would span across four local authorities (coloured in Map 1b), namely Majlis Daerah Kuala Selangor, Majlis Perbandaran Selayang, Majlis Bandaraya Shah Alam, and Majlis Bandaraya Petaling Jaya.



Map 1 (a) Proposed P107 Sungai Buloh in the EC's 1st Recommendations



Map 1(b) Proposed P107 Sungai Buloh spanning over four local authorities.

### What to look out for:

- Are those notorious cases that cause inconveniences or breaks local ties retained in the final report?

# 7

## Were the people really consulted?

The EC went through two rounds of display and inquiry, but were the people really consulted? The answers lie in the appendix on the objections and local inquiries. The EC has to list details from objectors, grounds of objections to their decisions. If the constitutional provisions are not complied with, the EC's decisions may pave way for legal suits even after the general election is over.

### Illustration 2:

The EC's decision on an objection in the 2015 Delimitation Report for Sarawak.

RAHSIA

BAHAGIAN PILIHAN RAYA PERSEKUTUAN	TARIKH, HARI DAN MASA	TEMPAT SIASATAN TEMPATAN	KATEGORI PEMBANTAH	BIL. YANG HADIR	BIL. YANG MEMBERI KETERANGAN	WAKIL PEMBANTAH	BUTIR-BUTIR BANTAHAN	KEPUTUSAN SPR
P.201 Batang Lupar	25 Februari 2015, Rabu, 3.30 petang	Dewan Mesra Simanjon	Pemilih 100 orang	13	3	Jurucakap: 1) NUMPANG ANAK SUNTAI (NO. KP 550101-13-5227)	Bantahan ke atas N.25 Simanjon di bawah Parlimen P.200 Batang Sadong, dan ke atas N.27 Sebuyau di bawah Parlimen P.201 Batang Lupar.  Bantahan adalah untuk meminda DM tersebut dari N.25 Simanjon ke N.27 Sebuyau: 1) SUNGAI APIN 2) TANJONG BELIRUKI 3) SLANGKING  Antara isu-isu lain yang dibangkitkan: 1) Syor yang dikemukakan tidak mengikut prinsip-prinsip di bawah Jajual Ketiga Belas, PP; 2) Purata pemilih bagi sesuatu Bahagian Pilihan Raya tidak diambil kira; dan 3) Maklumat tidak	SPR menolak bantahan yang dikemukakan untuk meminda 3 DM dari DUN N.27 Sebuyau dalam Parlimen P.201 Batang Lupar ke DUN N.25 Simanjon dalam Parlimen P.200 Batang Sadong setelah mengambil kira faktor-faktor berikut:  i. Pemindaan akan menyebabkan jurang pemilih antara kedua-dua DUN bertambah besar;  ii. Menyukarkan pengurusan pilihan raya; dan  iii. Cadangan balas mengubah struktur persempadanan di Parlimen P.200 Batang Sad dan P.201 Batang Lupar.  Isu-isu yang dibangkitkan tidak mewajarkan SPR untuk mempertimbangkan dan memili keputusan bagi Siasatan Tempati ini.

### What to look out for:

- Check out the summaries to see how many objections were received, heard and accepted/rejected.
- Check to see if the EC has abided by Federal Constitution, in particular Article 113(2)(i) as well as sub-sections 2(c) and 2(d) of the Thirteenth Schedule, if issues like “malapportionment”, “inconveniences”, “local ties”, “gerrymandering” were raised.
- If you are an objector, see what the EC say about your objection and if you need to call your lawyers.



## **Malapportionment of Parliamentary and State Constituencies by States**

## Perlis (Parliamentary Constituencies)

No.	State Constituency Code	State Constituency Name	Electorate at Status Quo	Electorate at 1st Recommendations	Electorate at 2nd Recommendations	Electorate at Final Recommendations	Deviation from State Average as at 2nd Recommendations	Changes from Status Quo
1	P001	Padang Besar	42,293	42,293	42,293		92.55%	No
2	P002	Kangar	50,751	50,751	50,751		111.05%	No
3	P003	Arau	44,054	44,054	44,054		96.40%	No
<b>Largest Constituency</b>			50,751	50,751	50,751			
<b>Smallest Constituency</b>			42,293	42,293	42,293			
<b>Largest/Smallest Ratio</b>			1.20	1.20	1.20			

Table 1 Malapportionment of Parliament Seats in the State of Perlis

## Perlis (State Constituencies)

No.	Parliamentary Constituency Code	Parliamentary Constituency Name	Electorate at Status Quo	Electorate at 1st Recommendations	Electorate at 2nd Recommendations	Electorate at Final Recommendations	Deviation from State Average as at 2nd Recommendations	Changes from Status Quo
1	N01	Titi Tinggi	9,309	9,309	9,309		101.85%	No
2	N02	Beseri	8,389	8,389	8,389		91.78%	No
3	N03	Chuping	9,872	9,872	9,872		108.01%	No
4	N04	Mata Ayer	6,479	6,479	6,479		70.89%	No
5	N05	Santan	8,244	8,244	8,244		90.20%	No
6	N06	Bintong	10,886	10,886	10,886		119.10%	No
7	N07	Sena	10,820	10,820	10,820		118.38%	No
8	N08	Indera Kayangan	10,029	10,029	10,029		109.73%	No
9	N09	Kuala Perlis	10,066	10,066	10,066		110.13%	No
10	N10	Kayang	8,950	8,950	8,950		97.92%	No
11	N11	Pauh	9,798	9,798	9,798		107.20%	No
12	N12	Tambun Tulang	9,751	9,751	9,751		106.68%	No
13	N13	Guar Sanji	8,531	8,531	8,531		93.34%	No
14	N14	Simpang Empat	7,728	7,728	7,728		84.55%	No
15	N15	Sanglang	8,246	8,246	8,246		90.22%	No
<b>Largest Constituency</b>			10,886	10,886	10,886			
<b>Smallest Constituency</b>			6,479	6,479	6,479			
<b>Largest/Smallest Ratio</b>			1.68	1.68	1.68			

Table 2 Malapportionment of State Seats in the State of Perlis

### Kedah (Parliamentary Constituencies)

No.	Parliamentary Constituency Code	Parliamentary Constituency Name	Electorate at Status Quo	Electorate at 1st Recommendations	Electorate at 2nd Recommendations	Electorate at Final Recommendations	Deviation from State Average as at 2nd Recommendations	Changes from Status Quo
1	P004	Langkawi	37,645	37,645	37,645		54.06%	No
2	P005	Jerlun	51,718	51,718	51,718		74.28%	No
3	P006	Kubang Pasu	65,893	65,893	65,893		94.63%	No
4	P007	Padang Terap	42,877	42,877	42,877		61.58%	No
5	P008	Pokok Sena	80,370	78,998	78,998		113.45%	Yes
6	P009	Alor Setar	68,662	73,687	80,354		115.40%	Yes
7	P010	Kuala Kedah	95,131	91,478	84,811		121.80%	Yes
8	P011	Pendang	70,697	70,697	70,697		101.53%	No
9	P012	Jerai	74,078	74,078	74,078		106.39%	No
10	P013	Sik	47,045	47,045	47,045		67.56%	No
11	P014	Merbok	86,573	78,428	78,428		112.64%	Yes
12	P015	Sungai Petani	93,684	101,829	101,829		146.24%	Yes
13	P016	Baling	94,809	94,809	94,809		136.16%	No
14	P017	Padang Serai	74,621	74,621	74,621		107.17%	No
15	P018	Kulim-Bandar Baharu	60,641	60,641	60,641		87.09%	No
<b>Largest Constituency</b>			<b>94,809</b>	<b>101,829</b>	<b>101,829</b>			
<b>Smallest Constituency</b>			<b>37,645</b>	<b>37,645</b>	<b>37,645</b>			
<b>Largest/Smallest Ratio</b>			<b>2.519</b>	<b>2.705</b>	<b>2.705</b>			

*Table 3 Malapportionment of Parliament Seats in the State of Kedah*

## Kedah (State Constituencies)

No.	State Constituency Code	State Constituency Name	Electorate at Status Quo	Electorate at 1st Recommendations	Electorate at 2nd Recommendations	Electorate at Final Recommendations	Deviation from State Average as at 2nd Recommendations	Changes from Status Quo
1	N01	Ayer Hangat	19,928	18,892	18,892		65.12%	Yes
2	N02	Kuah	17,717	18,753	18,753		64.64%	Yes
3	N03	Kota Siputeh	22,571	22,571	22,571		77.80%	No
4	N04	Ayer Hitam	29,147	29,147	29,147		100.47%	No
5	N05	Bukit Kayu Hitam	29,786	29,786	29,786		102.67%	No
6	N06	Jitra	36,107	36,107	36,107		124.46%	No
7	N07	Kuala Nerang	21,953	21,953	21,953		75.67%	No
8	N08	Pedu	20,924	20,924	20,924		72.12%	No
9	N09	Bukit Lada	27,524	27,524	27,524		94.87%	No
10	N10	Bukit Pinang	26,194	26,194	26,194		90.29%	No
11	N11	Derga	26,652	25,280	25,280		87.14%	Yes
12	N12	Suka Menanti	28,261	27,841	27,841		95.96%	Yes
13	N13	Kota Darul Aman	15,034	21,480	26,682		91.97%	Yes
14	N14	Alor Mengkudu	25,367	24,366	25,831		89.04%	Yes
15	N15	Anak Bukit	27,885	26,520	26,520		91.41%	Yes
16	N16	Kubang Rotan	34,886	33,786	28,584		98.52%	Yes
17	N17	Pengkalan Kundor	32,360	31,172	29,707		102.40%	Yes
18	N18	Tokai	34,539	34,539	34,539		119.05%	No
19	N19	Sungai Tiang	36,158	36,158	36,158		124.63%	No
20	N20	Sungai Limau	27,276	27,276	27,276		94.02%	No
21	N21	Guar Chempedak	20,787	20,787	20,787		71.65%	No
22	N22	Gurun	26,015	26,015	26,015		89.67%	No
23	N23	Belantek	21,276	21,276	21,276		73.34%	No
24	N24	Jeneri	25,769	25,769	25,769		88.82%	No
25	N25	Bukit Selambau	49,799	41,654	41,654		143.58%	Yes
26	N26	Tanjong Dawai	36,774	36,774	36,774		126.75%	No
27	N27	Pantai Merdeka	33,268	33,268	33,268		114.67%	No
28	N28	Bakar Arang	35,045	35,045	35,045		120.79%	No
29	N29	Sidam	25,371	33,516	33,516		115.52%	Yes
30	N30	Bayu	35,120	35,120	35,120		121.05%	No
31	N31	Kupang	30,831	30,831	30,831		106.27%	No
32	N32	Kuala Ketil	28,858	28,858	28,858		99.47%	No
33	N33	Merbau Pulas	33,521	29,683	29,683		102.31%	Yes
34	N34	Lunas	41,100	44,938	44,938		154.89%	Yes
35	N35	Kulim	34,469	34,469	34,469		118.81%	No
36	N36	Bandar Baharu	26,172	26,172	26,172		90.21%	No
<b>Largest Constituency</b>			<b>49,799</b>	<b>44,938</b>	<b>44,938</b>			
<b>Smallest Constituency</b>			<b>15,034</b>	<b>18,753</b>	<b>18,753</b>			
<b>Largest/Smallest Ratio</b>			<b>3.312</b>	<b>2.396</b>	<b>2.396</b>			

Table 4 Malapportionment of State Seats in the State of Kedah

## Kelantan (Parliamentary Constituencies)

No.	Parliamentary Constituency Code	Parliamentary Constituency Name	Electorate at Status Quo	Electorate at 1st Recommendations	Electorate at 2nd Recommendations	Electorate at Final Recommendations	Deviation from State Average as at 2nd Recommendations	Changes from Status Quo
1	P019	Tumpat	101,318	101,318	101,318		150.80%	No
2	P020	Pengkalan Chepa	66,388	65,736	67,229		100.07%	Yes
3	P021	Kota Bharu	82,583	83,975	82,583		122.92%	No
4	P022	Pasir Mas	72,967	65,993	65,993		98.23%	Yes
5	P023	Rantau Panjang	53,543	60,517	60,517		90.08%	Yes
6	P024	Kubang Kerian	66,250	72,772	72,671		108.17%	Yes
7	P025	Bachok	83,139	83,139	83,139		123.75%	No
8	P026	Ketereh	63,584	56,322	56,322		83.83%	Yes
9	P027	Tanah Merah	60,178	61,406	61,406		91.40%	Yes
10	P028	Pasir Puteh	78,280	78,280	78,280		116.51%	No
11	P029	Machang	60,748	60,748	60,748		90.42%	No
12	P030	Jeli	44,461	43,233	43,233		64.35%	Yes
13	P031	Kuala Krai	65,258	65,258	65,258		97.13%	No
14	P032	Gua Musang	41,894	41,894	41,894		62.36%	No
<b>Largest Constituency</b>			<b>101,318</b>	<b>101,318</b>	<b>101,318</b>			
<b>Smallest Constituency</b>			<b>41,894</b>	<b>41,894</b>	<b>41,894</b>			
<b>Largest/Smallest Ratio</b>			<b>2.42</b>	<b>2.42</b>	<b>2.42</b>			

*Table 5 Malapportionment of Parliament Seats in the State of Kelantan*

## Kelantan (State Constituencies)

No.	State Constituency Code	State Constituency Name	Electorate at Status Quo	Electorate at 1st Recommendations	Electorate at 2nd Recommendations	Electorate at Final Recommendations	Deviation from State Average as at 2nd Recommendations	Changes from Status Quo
1	N01	Pengkalan Kubor	25,195	25,195	25,195		120.54%	No
2	N02	Kelaboran	22,583	24,815	26,458		126.58%	Yes
3	N03	Pasir Pekan	27,305	25,320	25,365		121.35%	Yes
4	N04	Wakaf Bharu	26,235	25,988	24,300		116.26%	Yes
5	N05	Kijang	19,994	22,710	19,994		95.66%	No
6	N06	Chempaka	22,281	21,884	22,281		106.60%	No
7	N07	Panchor	24,113	21,142	24,954		119.39%	Yes
8	N08	Tanjong Mas	28,657	29,335	28,657		137.10%	No
9	N09	Kota Lama	28,049	27,655	28,049		134.19%	No
10	N10	Bunut Payong	25,877	26,985	25,877		123.80%	No
11	N11	Tendong	21,733	21,127	21,733		103.98%	No
12	N12	Pengkalan Pasir	27,655	25,832	24,307		116.29%	Yes
13	N13	Meranti	23,579	19,034	19,953		95.46%	Yes
14	N14	Chetok	16,605	21,987	20,489		98.02%	Yes
15	N15	Gual Periok	21,976	21,976	21,976		105.14%	Yes
16	N16	Bukit Tuku	14,962	16,554	18,052		86.36%	Yes
17	N17	Salor	20,071	26,308	25,053		119.86%	Yes
18	N18	Pasir Tumboh	18,815	23,544	22,872		109.42%	Yes
19	N19	Demit	27,364	22,920	24,746		118.39%	Yes
20	N20	Tawang	28,180	27,715	28,180		134.82%	No
21	N21	Pantai Irama	27,227	28,571	27,227		130.26%	No
22	N22	Jelawat	27,732	26,853	27,732		132.68%	No
23	N23	Melor	22,719	17,280	18,497		88.49%	Yes
24	N24	Kadok	17,886	16,063	14,846		71.03%	Yes
25	N25	Kok Lanas	22,979	22,979	22,979		109.94%	No
26	N26	Bukit Panau	28,951	28,951	28,951		138.51%	No
27	N27	Gual Ipoh	16,543	17,771	17,771		85.02%	Yes
28	N28	Kemahang	14,684	14,684	14,684		70.25%	No
29	N29	Selising	18,456	19,599	19,599		93.77%	Yes
30	N30	Limbongan	24,438	23,243	24,481		117.12%	Yes

No.	State Constituency Code	State Constituency Name	Electorate at Status Quo	Electorate at 1st Recommendations	Electorate at 2nd Recommendations	Electorate at Final Recommendations	Deviation from State Average as at 2nd Recommendations	Changes from Status Quo
31	N31	Semerak	18,823	18,823	18,823		90.05%	No
32	N32	Gaal	16,563	16,615	15,377		73.57%	Yes
33	N33	Pulai Chondong	19,162	19,162	19,162		91.68%	No
34	N34	Temangan	18,611	18,611	18,611		89.04%	No
35	N35	Kemuning	22,975	22,975	22,975		109.92%	No
36	N36	Bukit Bunga	17,049	15,821	15,821		75.69%	Yes
37	N37	Air Lanas	15,552	15,552	15,552		74.40%	No
38	N38	Kuala Balah	11,860	11,860	11,860		56.74%	No
39	N39	Mengkebang	18,468	18,468	18,468		88.36%	No
40	N40	Guchil	19,320	19,320	19,320		92.43%	No
41	N41	Manek Urai	16,589	16,589	16,589		79.37%	No
42	N42	Dabong	10,881	10,881	10,881		52.06%	No
43	N43	Nenggiri	11,960	11,889	11,889		56.88%	Yes
44	N44	Paloh	14,265	13,112	13,112		62.73%	Yes
45	N45	Galas	15,669	16,893	16,893		80.82%	Yes
<b>Largest Constituency</b>			<b>28,951</b>	<b>29,335</b>	<b>28,951</b>			
<b>Smallest Constituency</b>			<b>10,881</b>	<b>10,881</b>	<b>10,881</b>			
<b>Largest/Smallest Ratio</b>			<b>2.66</b>	<b>2.70</b>	<b>2.66</b>			

Table 6 Malapportionment of State Seats in the State of Kelantan

### Terengganu (Parliamentary Constituencies)

No.	Parliamentary Constituency Code	Parliamentary Constituency Name	Electorate at Status Quo	Electorate at 1st Recommendations	Electorate at 2nd Recommendations	Electorate at Final Recommendations	Deviation from State Average as at 2nd Recommendations	Changes from Status Quo
1	P033	Besut	76,449	76,449	76,449		91.34%	No
2	P034	Setiu	70,635	73,320	78,076		93.29%	Yes
3	P035	Kuala Nerus	81,847	75,945	74,406		88.90%	Yes
4	P036	Kuala Terengganu	96,128	101,875	96,128		114.86%	No
5	P037	Marang	95,904	90,157	95,904		114.59%	No
6	P038	Hulu Terengganu	67,739	70,956	67,739		80.94%	No
7	P039	Dungun	82,492	82,492	82,492		98.56%	No
8	P040	Kemaman	98,352	98,352	98,352		117.52%	No
<b>Largest Constituency</b>			<b>98,352</b>	<b>98,352</b>	<b>98,352</b>			
<b>Smallest Constituency</b>			<b>67,739</b>	<b>70,956</b>	<b>67,739</b>			
<b>Largest/Smallest Ratio</b>			<b>1.45</b>	<b>1.39</b>	<b>1.45</b>			

Table 7 Malapportionment of Parliament Seats in the State of Terengganu

## Terengganu (State Constituencies)

No.	State Constituency Code	State Constituency Name	Electorate at Status Quo	Electorate at 1st Recommendations	Electorate at 2nd Recommendations	Electorate at Final Recommendations	Deviation from State Average as at 2nd Recommendations	Changes from Status Quo
1	N01	Kuala Besut	18,570	18,570	18,570		88.75%	No
2	N02	Kota Putera	20,968	20,968	20,968		100.22%	No
3	N03	Jertih	20,023	20,818	20,023		95.70%	No
4	N04	Hulu Besut	16,888	16,093	16,888		80.72%	No
5	N05	Jabi	17,820	18,670	17,820		85.17%	No
6	N06	Permaisuri	21,541	18,962	21,541		102.95%	No
7	N07	Langkap	16,968	16,968	16,968		81.10%	No
8	N08	Batu Rakit	14,306	18,720	21,747		103.94%	Yes
9	N09	Tepuh	27,760	25,075	20,319		97.11%	Yes
10	N10	Buluh Gading	20,644	17,427	20,644		98.67%	No
11	N11	Seberang Takir	17,666	17,666	17,666		84.43%	No
12	N12	Bukit Tunggai	15,777	15,777	15,777		75.41%	No
13	N13	Wakaf Mempelam	25,927	31,674	25,927		123.92%	No
14	N14	Bandar	19,903	19,903	19,903		95.12%	No
15	N15	Ladang	20,183	20,183	20,624		98.57%	No
16	N16	Batu Buruk	30,115	30,115	29,674		141.82%	Yes
17	N17	Alur Limbat	25,385	19,638	25,385		121.33%	No
18	N18	Bukit Payung	20,791	20,791	20,791		99.37%	No
19	N19	Ru Rendang	24,040	24,040	24,040		114.90%	No
20	N20	Pengkalan Berangan	25,688	25,688	25,688		122.77%	No
21	N21	Sekayu	16,648	14,563	16,648		79.57%	No
22	N22	Manir	15,886	19,103	15,886		75.93%	No
23	N23	Kuala Berang	16,329	18,414	16,329		78.04%	No
24	N24	Ajil	18,876	18,876	18,876		90.22%	No
25	N25	Bukit Besi	14,080	12,557	13,305		63.59%	Yes
26	N26	Rantau Abang	22,160	19,515	21,772		104.06%	Yes
27	N27	Sura	18,143	25,710	23,480		112.22%	Yes
28	N28	Paka	28,109	24,710	23,935		114.40%	Yes
29	N29	Kemasik	20,237	20,237	20,237		96.72%	No
30	N30	Kijal	20,687	21,875	20,687		98.87%	No
31	N31	Cukai	28,154	29,788	28,154		134.56%	No
32	N32	Air Putih	29,274	26,452	29,274		139.91%	No
<b>Largest Constituency</b>			<b>30,115</b>	<b>31,674</b>	<b>29,674</b>			
<b>Smallest Constituency</b>			<b>14,080</b>	<b>12,557</b>	<b>13,305</b>			
<b>Largest/Smallest Ratio</b>			<b>2.14</b>	<b>2.52</b>	<b>2.23</b>			

Table 8 Malapportionment of State Seats in the State of Terengganu

### Penang (Parliamentary Constituencies)

No.	Parliamentary Constituency Code	Parliamentary Constituency Name	Electorate at Status Quo	Electorate at 1st Recommendations	Electorate at 2nd Recommendations	Electorate at Final Recommendations	Deviation from State Average as at 2nd Recommendations	Changes from Status Quo
1	P041	Kepala Batas	53,194	53,194	53,194		79.91%	No
2	P042	Tasek Gelugor	55,064	55,064	55,064		82.72%	No
3	P043	Bagan	69,389	69,389	69,389		104.23%	No
4	P044	Permatang Pauh	74,171	74,171	74,171		111.42%	No
5	P045	Bukit Mertajam	81,031	81,031	81,031		121.72%	No
6	P046	Batu Kawan	59,144	59,144	59,144		88.84%	No
7	P047	Nibong Tebal	61,613	61,613	61,613		92.55%	No
8	P048	Bukit Bendera	71,767	71,767	71,767		107.81%	No
9	P049	Tanjong	50,324	50,324	50,324		75.60%	No
10	P050	Jelutong	72,772	72,772	72,772		109.32%	No
11	P051	Bukit Gelugor	84,755	84,755	84,755		127.32%	No
12	P052	Bayan Baru	82,912	82,912	82,912		124.55%	No
13	P053	Balik Pulau	51,612	51,612	51,612		77.53%	No
<b>Largest Constituency</b>			<b>84,755</b>	<b>84,755</b>	<b>84,755</b>			
<b>Smallest Constituency</b>			<b>50,324</b>	<b>50,324</b>	<b>50,324</b>			
<b>Largest/Smallest Ratio</b>			<b>1.68</b>	<b>1.68</b>	<b>1.68</b>			

Table 9 Malapportionment of Parliamentary Seats in the State of Penang

## Penang (State Constituencies)

No.	State Constituency Code	State Constituency Name	Electorate at Status Quo	Electorate at 1st Recommendations	Electorate at 2nd Recommendations	Electorate at Final Recommendations	Deviation from State Average as at 2nd Recommendations	Changes from Status Quo
1	N01	Penaga	17,133	17,133	17,133		78.98%	No
2	N02	Bertam	16,621	16,621	16,621		76.62%	No
3	N03	Pinang Tunggal	19,440	19,440	19,440		89.61%	No
4	N04	Permatang Berangan	18,771	18,771	18,771		86.53%	No
5	N05	Sungai Dua	18,361	18,361	18,361		84.64%	No
6	N06	Telok Ayer Tawar	17,932	17,932	17,932		82.66%	No
7	N07	Sungai Puyu	26,115	26,115	26,115		120.38%	No
8	N08	Bagan Jermal	24,860	24,860	24,860		114.60%	No
9	N09	Bagan Dalam	18,414	18,414	18,414		84.88%	No
10	N10	Seberang Jaya	31,253	31,253	31,253		144.06%	No
11	N11	Permatang Pasir	23,583	23,583	23,583		108.71%	No
12	N12	Penanti	19,335	19,335	19,335		89.13%	No
13	N13	Berapit	22,681	22,681	22,681		104.55%	No
14	N14	Machang Bubok	32,189	32,189	32,189		148.38%	No
15	N15	Padang Lalang	26,161	26,161	26,161		120.59%	No
16	N16	Perai	16,064	16,064	16,064		74.05%	No
17	N17	Bukit Tengah	19,746	19,746	19,746		91.02%	No
18	N18	Bukit Tambun	23,334	23,334	23,334		107.56%	No
19	N19	Jawi	25,273	25,273	25,273		116.50%	No
20	N20	Sungai Bakap	20,139	20,139	20,139		92.83%	No
21	N21	Sungai Acheh	16,201	16,201	16,201		74.68%	No
22	N22	Tanjong Bunga	20,126	20,126	20,126		92.77%	No
23	N23	Air Putih	12,752	12,752	12,752		58.78%	No
24	N24	Kebun Bunga	21,064	21,064	21,064		97.10%	No
25	N25	Pulau Tikus	17,825	17,825	17,825		82.17%	No
26	N26	Padang Kota	14,853	14,853	14,853		68.47%	No

No.	State Constituency Code	State Constituency Name	Electorate at Status Quo	Electorate at 1st Recommendations	Electorate at 2nd Recommendations	Electorate at Final Recommendations	Deviation from State Average as at 2nd Recommendations	Changes from Status Quo
27	N27	Pengkalan Kota	19,927	19,927	19,927		91.86%	No
28	N28	Komtar	15,544	15,544	15,544		71.65%	No
29	N29	Datuk Keramat	22,034	22,034	22,034		101.57%	No
30	N30	Sungai Pinang	24,480	24,480	24,480		112.84%	No
31	N31	Batu Lanchang	26,258	26,258	26,258		121.04%	No
32	N32	Seri Delima	24,149	24,149	24,149		111.32%	No
33	N33	Air Itam	18,899	18,899	18,899		87.12%	No
34	N34	Paya Terubong	41,707	41,707	41,707		192.25%	No
35	N35	Batu Uban	29,541	29,541	29,541		136.17%	No
36	N36	Pantai Jerejak	22,321	22,321	22,321		102.89%	No
37	N37	Batu Maung	31,050	31,050	31,050		143.13%	No
38	N38	Bayan Lepas	22,722	22,722	22,722		104.74%	No
39	N39	Pulau Betong	15,595	15,595	15,595		71.89%	No
40	N40	Teluk Bahang	13,295	13,295	13,295		61.28%	No
<b>Largest Constituency</b>			<b>41,707</b>	<b>41,707</b>	<b>41,707</b>			
<b>Smallest Constituency</b>			<b>12,752</b>	<b>12,752</b>	<b>12,752</b>			
<b>Largest/Smallest Ratio</b>			<b>3.27</b>	<b>3.27</b>	<b>3.27</b>			

Table 10 Malapportionment of State Seats in the State of Penang

## Perak (Parliamentary Constituencies)

No.	Parliamentary Constituency Code	Parliamentary Constituency Name	Electorate at Status Quo	Electorate at 1st Recommendations	Electorate at 2nd Recommendations	Electorate at Final Recommendations	Deviation from State Average as at 2nd Recommendations	Changes from Status Quo
1	P054	Gerik	33,832	33,832	33,832		57.69%	No
2	P055	Lenggong	28,078	28,078	28,078		47.88%	No
3	P056	Larut	46,262	46,262	46,262		78.88%	No
4	P057	Parit Buntar	49,951	49,951	49,951		85.17%	No
5	P058	Bagan Serai	54,561	54,561	54,561		93.03%	No
6	P059	Bukit Gantang	71,748	62,772	62,772		107.03%	Yes
7	P060	Taiping	77,456	86,432	86,432		147.38%	Yes
8	P061	Padang Rengas	28,727	28,727	28,727		48.98%	No
9	P062	Sungai Siput	51,529	51,529	51,529		87.86%	No
10	P063	Tambun	91,863	96,437	96,437		164.44%	Yes
11	P064	Ipoh Timor	80,388	89,218	89,218		152.13%	Yes
12	P065	Ipoh Barat	78,091	82,041	82,041		139.89%	Yes
13	P066	Batu Gajah	83,867	77,931	77,931		132.88%	Yes
14	P067	Kuala Kangsar	33,113	33,113	33,113		56.46%	No
15	P068	Beruas	48,525	76,294	76,294		130.09%	Yes
16	P069	Parit	33,368	33,368	33,368		56.90%	No
17	P070	Kampar	63,500	66,579	66,579		113.52%	Yes
18	P071	Gopeng	100,807	89,389	89,389		152.42%	Yes
19	P072	Tapah	46,207	43,128	43,128		73.54%	Yes
20	P073	Pasir Salak	51,305	46,653	51,305		87.48%	No
21	P074	Lumut	89,823	62,054	62,054		105.81%	Yes
22	P075	Bagan Datuk	39,459	43,362	39,459		67.28%	No
23	P076	Teluk Intan	61,004	61,753	61,004		104.02%	No
24	P077	Tanjong Malim	64,065	64,065	64,065		109.24%	No
<b>Largest Constituency</b>			<b>100,807</b>	<b>96,437</b>	<b>96,437</b>			
<b>Smallest Constituency</b>			<b>28,078</b>	<b>28,078</b>	<b>28,078</b>			
<b>Largest/Smallest Ratio</b>			<b>3.59</b>	<b>3.43</b>	<b>3.43</b>			

Table 11 Malapportionment of Parliament Seats in the State of Perak

## Perak (State Constituencies)

No.	State Constituency Code	State Constituency Name	Electorate at Status Quo	Electorate at 1st Recommendations	Electorate at 2nd Recommendations	Electorate at Final Recommendations	Deviation from State Average as at 2nd Recommendations	Changes from Status Quo
1	N01	Pengkalan Hulu	14,363	14,363	14,363		60.21%	No
2	N02	Temengor	19,469	19,469	19,469		81.61%	No
3	N03	Kenering	16,088	16,088	16,088		67.44%	No
4	N04	Kota Tampan	11,990	11,990	11,990		50.26%	No
5	N05	Selama	15,261	15,261	15,261		63.97%	No
6	N06	Kubu Gajah	12,450	15,748	15,748		66.01%	Yes
7	N07	Batu Kurau	18,551	15,253	15,253		63.94%	Yes
8	N08	Titi Serong	27,798	25,462	25,462		106.73%	Yes
9	N09	Kuala Kurau	22,153	24,489	24,489		102.65%	Yes
10	N10	Alor Pongsu	18,512	18,512	18,512		77.60%	No
11	N11	Gunong Semanggol	19,340	19,340	19,340		81.07%	No
12	N12	Selinsing	16,709	16,709	16,709		70.04%	No
13	N13	Kuala Sepetang	26,306	26,306	26,306		110.27%	No
14	N14	Changkat Jering	32,455	23,479	23,479		98.42%	Yes
15	N15	Trong	12,987	12,987	12,987		54.44%	No
16	N16	Kamunting	26,925	26,925	26,925		112.86%	No
17	N17	Pokok Assam	22,215	28,240	28,240		118.38%	Yes
18	N18	Aulong	28,316	31,267	31,267		131.07%	Yes
19	N19	Chenderoh	13,456	13,456	13,456		56.41%	No
20	N20	Lubok Merbau	15,271	15,271	15,271		64.01%	No
21	N21	Lintang	23,762	23,762	23,762		99.61%	No
22	N22	Jalong	27,767	27,767	27,767		116.39%	No
23	N23	Manjoi	53,238	50,812	50,812		212.99%	Yes
24	N24	Hulu Kinta	38,625	45,625	45,625		191.25%	Yes
25	N25	Canning	35,146	31,817	31,817		133.37%	Yes
26	N26	Tebing Tinggi	19,824	24,379	24,379		102.19%	Yes
27	N27	Pasir Pinji	25,418	33,022	33,022		138.42%	Yes
28	N28	Bercham	33,908	33,908	33,908		142.14%	No
29	N29	Kepayang	21,054	21,458	21,458		89.95%	No
30	N30	Buntong	23,129	26,675	26,675		111.82%	Yes

No.	State Constituency Code	State Constituency Name	Electorate at Status Quo	Electorate at 1st Recommendations	Electorate at 2nd Recommendations	Electorate at Final Recommendations	Deviation from State Average as at 2nd Recommendations	Changes from Status Quo
31	N31	Jelapang	29,297	23,176	23,176		97.15%	Yes
32	N32	Menglembu	30,972	28,730	28,730		120.43%	Yes
33	N33	Tronoh	23,598	26,025	26,025		109.09%	Yes
34	N34	Bukit Chandan	15,693	15,693	15,693		65.78%	No
35	N35	Manong	17,420	17,420	17,420		73.02%	No
36	N36	Pengkalan Baharu	17,475	16,137	17,475		73.25%	No
37	N37	Pantai Remis	31,050	32,388	31,050		130.16%	No
38	N38	Astaka	28,484	27,769	27,769		116.40%	Yes
39	N39	Belanja	14,653	14,653	14,653		61.42%	No
40	N40	Bota	18,715	18,715	18,715		78.45%	No
41	N41	Malim Nawar	22,739	22,465	22,465		94.17%	Yes
42	N42	KerANJI	20,772	20,772	20,772		87.07%	No
43	N43	Tualang Sekah	19,989	23,342	23,342		97.85%	Yes
44	N44	Sungai Rapat	46,001	27,441	27,441		115.03%	Yes
45	N45	Simpang Pulai	32,127	39,269	39,269		164.61%	Yes
46	N46	Teja	22,679	22,679	22,679		95.07%	No
47	N47	Chenderiang	22,300	20,810	20,810		87.23%	Yes
48	N48	Ayer Kuning	23,907	22,318	22,318		93.55%	Yes
49	N49	Sungai Manik	24,700	24,700	24,700		103.54%	No
50	N50	Kampong Gajah	26,605	21,953	26,605		111.52%	No
51	N51	Pasir Panjang	36,184	35,888	35,888		150.44%	Yes
52	N52	Pangkor	25,155	26,166	26,166		109.68%	Yes
53	N53	Rungkup	14,981	21,074	14,981		62.80%	No
54	N54	Hutan Melintang	24,478	22,288	24,478		102.61%	No
55	N55	Pasir Bedamar	29,935	29,935	29,935		125.48%	No
56	N56	Changkat Jong	31,069	31,818	31,069		130.24%	No
57	N57	Sungkai	18,746	16,175	16,407		68.78%	Yes
58	N58	Slim	22,404	17,094	22,092		92.61%	Yes
59	N59	Behrang	22,915	30,796	25,566		107.17%	Yes
<b>Largest Constituency</b>			<b>53,238</b>	<b>50,812</b>	<b>50,812</b>			
<b>Smallest Constituency</b>			<b>11,990</b>	<b>11,990</b>	<b>11,990</b>			
<b>Largest/Smallest Ratio</b>			<b>4.44</b>	<b>4.24</b>	<b>4.24</b>			

Table 12 Malapportionment of State Seats in the State of Perak

## Pahang (Parliamentary Constituencies)

No.	Parliamentary Constituency Code	Parliamentary Constituency Name	Electorate at Status Quo	Electorate at 1st Recommendations	Electorate at 2nd Recommendations	Electorate at Final Recommendations	Deviation from State Average as at 2nd Recommendations	Changes from Status Quo
1	P078	Cameron Highlands	27,892	27,892	27,892		52.77%	No
2	P079	Lipis	32,075	32,075	32,075		60.68%	No
3	P080	Raub	53,698	53,698	53,698		101.59%	No
4	P081	Jerantut	57,686	49,749	57,686		109.13%	No
5	P082	Indera Mahkota	66,620	66,620	66,620		126.03%	No
6	P083	Kuantan	56,001	56,001	56,001		105.94%	No
7	P084	Paya Besar	48,969	48,969	48,969		92.64%	No
8	P085	Pekan	81,647	81,647	81,647		154.46%	No
9	P086	Maran	37,924	69,635	37,924		71.75%	No
10	P087	Kuala Krau	42,903	30,349	42,903		81.17%	No
11	P088	Temerloh	66,847	55,627	66,847		126.46%	No
12	P089	Bentong	62,245	62,245	62,245		117.76%	No
13	P090	Bera	50,864	50,864	50,864		96.23%	No
14	P091	Rompin	54,652	54,652	54,652		103.39%	No
<b>Largest Constituency</b>			<b>81,647</b>	<b>81,647</b>	<b>81,647</b>			
<b>Smallest Constituency</b>			<b>27,892</b>	<b>27,892</b>	<b>27,892</b>			
<b>Largest/Smallest Ratio</b>			<b>2.93</b>	<b>2.93</b>	<b>2.93</b>			

Table 13 Malapportionment of Parliament Seats in the State of Pahang

## Pahang (State Constituencies)

No.	State Constituency Code	State Constituency Name	Electorate at Status Quo	Electorate at 1st Recommendations	Electorate at 2nd Recommendations	Electorate at Final Recommendations	Deviation from State Average as at 2nd Recommendations	Changes from Status Quo
1	N01	Tanah Rata	16,732	16,732	16,732		94.96%	No
2	N02	Jelai	11,160	11,160	11,160		63.34%	No
3	N03	Padang Tengku	12,265	12,265	12,265		69.61%	No
4	N04	Cheka	11,635	11,635	11,635		66.03%	No
5	N05	Benta	8,175	8,175	8,175		46.40%	No
6	N06	Batu Talam	14,048	14,048	14,048		79.73%	No
7	N07	Tras	23,043	22,192	24,101		136.78%	Yes
8	N08	Dong	16,607	17,458	15,549		88.25%	Yes
9	N09	Tahan	13,484	13,484	13,484		76.53%	No
10	N10	Damak	22,590	22,590	22,590		128.21%	No
11	N11	Pulau Tawar	21,612	13,675	21,612		122.66%	No
12	N12	Beserah	33,255	33,255	33,255		188.73%	No
13	N13	Semambu	33,365	33,365	33,365		189.36%	No
14	N14	Teruntum	23,889	23,889	23,889		135.58%	No
15	N15	Tanjung Lumpur	21,163	21,163	21,163		120.11%	No
16	N16	Inderapura	10,949	10,949	10,949		62.14%	No
17	N17	Sungai Lembing	13,645	13,645	13,645		77.44%	No
18	N18	8 Lepar	15,532	15,532	15,532		88.15%	No
19	N19	Panching	19,792	19,792	19,792		112.33%	No
20	N20	Pulau Manis	19,194	19,194	19,194		108.93%	No
21	N21	Peramu Jaya	29,213	29,213	29,213		165.79%	No
22	N22	Bebar	13,833	13,833	13,833		78.51%	No
23	N23	Chini	19,407	19,407	19,407		110.14%	No
24	N24	Luit	11,109	24,162	11,109		63.05%	No
25	N25	Kuala Sentul/Jengka	12,593	22,765	12,593		71.47%	No
26	N26	Chenor	14,222	22,708	14,222		80.72%	No
27	N27	Jenderak	9,656	9,656	9,656		54.80%	No
28	N28	Kerdau	10,762	9,473	10,762		61.08%	No
29	N29	Jengka/Kuala Sentul	22,485	11,220	22,485		127.61%	No
30	N30	Mentakab	17,279	19,934	22,189		125.93%	Yes

No.	Parliamentary Constituency Code	Parliamentary Constituency Name	Electorate at Status Quo	Electorate at 1st Recommendations	Electorate at 2nd Recommendations	Electorate at Final Recommendations	Deviation from State Average as at 2nd Recommendations	Changes from Status Quo
31	N31	Lanchang	23,922	15,478	22,189		124.14%	Yes
32	N32	Kuala Semantan	25,646	20,215	21,874		129.31%	Yes
33	N33	Bilut	17,691	17,691	17,691		100.40%	Yes
34	N34	Ketari	21,776	17,799	21,776		123.59%	No
35	N35	Sabai	10,804	14,781	10,804		61.32%	No
36	N36	Pelangai	11,974	11,974	11,974		67.96%	No
37	N37	Guai	16,900	16,900	16,900		95.91%	No
38	N38	Triang	18,428	18,428	18,428		104.59%	No
39	N39	Kemayan	15,536	15,536	15,536		88.17%	No
40	N40	Bukit Ibam	19,974	19,974	19,974		113.36%	No
41	N41	Muadzam Shah	17,950	17,950	17,950		101.87%	No
42	N42	Tioman	16,728	16,728	16,728		94.94%	No
<b>Largest Constituency</b>			<b>33,365</b>	<b>33,365</b>	<b>33,365</b>			
<b>Smallest Constituency</b>			<b>8,175</b>	<b>8,175</b>	<b>8,175</b>			
<b>Largest/Smallest Ratio</b>			<b>4.08</b>	<b>4.08</b>	<b>4.08</b>			

Table 14 Malapportionment of State Seats in the State of Pahang

## Selangor (Parliamentary Constituencies)

No.	Parliamentary Constituency Code	Parliamentary Constituency Name	Electorate at Status Quo	Electorate at 1st Recommendations	Electorate at 2nd Recommendations	Electorate at Final Recommendations	Deviation from State Average as at 2nd Recommendations	Changes from Status Quo
1	P092	Sabak Bernam	37,126	37,126	37,126		39.09%	No
2	P093	Sungai Besar	42,833	42,833	42,833		45.10%	No
3	P094	Hulu Selangor	86,599	86,599	86,599		91.19%	No
4	P095	Tanjong Karang	42,577	42,658	42,658		44.92%	Yes
5	P096	Kuala Selangor	63,623	60,425	63,542		66.91%	Yes
6	P097	Selayang	107,695	93,830	107,695		113.40%	No
7	P098	Gombak	124,596	124,983	124,983		131.60%	Yes
8	P099	Ampang	83,168	79,287	79,287		83.49%	Yes
9	P100	Pandan	84,995	88,489	88,489		93.18%	Yes
10	P101	Hulu Langat	128,974	82,951	128,974		135.81%	No
11	P102	Serdang	139,013	146,168	139,013		146.38%	No
12	P103	Puchong	109,473	82,698	109,473		115.27%	No
13	P104	Kelana Jaya	101,603	128,330	101,603		106.99%	No
14	P105	Petaling Jaya Selatan	78,404	129,363	78,404		82.56%	No
15	P106	Petaling Jaya Utara / Damansara	84,456	150,439	84,456		88.93%	No
16	P107	Subang	129,846	73,448	129,846		136.72%	No
17	P108	Shah Alam	104,176	91,357	104,176		109.69%	No
18	P109	Kapar	146,317	100,456	146,317		154.07%	No
19	P110	Klang	98,285	141,275	98,285		103.49%	No
20	P111	Kota Raja	110,082	121,126	110,082		115.91%	No
21	P112	Kuala Langat	89,075	89,075	89,075		93.79%	No
22	P113	Sepang	85,395	85,395	85,395		89.92%	No
<b>Largest Constituency</b>			<b>146,317</b>	<b>150,439</b>	<b>146,317</b>			
<b>Smallest Constituency</b>			<b>37,126</b>	<b>37,126</b>	<b>37,126</b>			
<b>Largest/Smallest Ratio</b>			<b>3.94</b>	<b>4.05</b>	<b>3.94</b>			

Table 15 Malapportionment of Parliament Seats in the State of Selangor

## Selangor (State Constituencies)

No.	Parliamentary Constituency Code	Parliamentary Constituency Name	Electorate at Status Quo	Electorate at 1st Recommendations	Electorate at 2nd Recommendations	Electorate at Final Recommendations	Deviation from State Average as at 2nd Recommendations	Changes from Status Quo
1	N01	Sungai Air Tawar	15,033	15,033	15,033		40.51%	No
2	N02	Sabak	22,093	22,093	22,093		59.53%	No
3	N03	Sungai Panjang	26,725	26,725	26,725		72.01%	No
4	N04	Sekinchan	16,108	16,108	16,108		43.40%	No
5	N05	Hulu Bernam	20,920	20,920	20,920		56.37%	No
6	N06	Kuala Kubu Baharu	26,707	26,707	26,707		71.96%	No
7	N07	Batang Kali	38,972	38,972	38,972		105.01%	No
8	N08	Sungai Burong	22,860	21,615	21,615		58.24%	Yes
9	N09	Permatang	19,717	21,043	21,043		56.70%	Yes
10	N10	Bukit Melawati	16,406	23,370	23,370		62.97%	Yes
11	N11	Ijok	18,706	20,734	20,734		55.87%	Yes
12	N12	Jeram	28,511	16,321	19,438		52.38%	Yes
13	N13	Kuang	24,797	19,797	24,797		66.81%	No
14	N14	Rawang	32,999	37,999	32,999		88.91%	No
15	N15	Taman Templer	49,899	36,034	49,899		134.45%	No
16	N16	Batu Caves	30,873	38,990	38,990		105.06%	Yes
17	N17	Gombak Setia	47,369	39,252	39,252		105.76%	Yes
18	N18	Hulu Kelang	46,354	46,741	46,741		125.94%	Yes
19	N19	Bukit Antarabangsa	34,176	40,970	40,970		110.39%	Yes
20	N20	Lembah Jaya	48,992	38,317	38,317		103.24%	Yes
21	N21	Chempaka	43,546	42,451	42,451		114.38%	Yes
22	N22	Teratai	41,449	46,038	46,038		124.05%	Yes
23	N23	Dusun Tua	47,286	42,687	47,286		127.41%	No
24	N24	Semenyih	42,470	40,264	42,470		114.43%	No
25	N25	Kajang	39,218	52,041	39,218		105.67%	No
26	N26	Bangi	56,002	42,533	56,002		150.90%	No
27	N27	Balakong	45,705	51,594	45,705		123.15%	No
28	N28	Seri Kembangan	37,306	38,868	37,306		100.52%	No
29	N29	Seri Serdang	74,563	43,830	74,563		200.91%	No
30	N30	Kinrara	34,910	62,271	34,910		94.06%	No

No.	Parliamentary Constituency Code	Parliamentary Constituency Name	Electorate at Status Quo	Electorate at 1st Recommendations	Electorate at 2nd Recommendations	Electorate at Final Recommendations	Deviation from State Average as at 2nd Recommendations	Changes from Status Quo
31	N31	Subang Jaya	62,687	66,059	62,687		168.91%	No
32	N32	Seri Setia	38,916	47,393	38,916		104.86%	No
33	N33	Taman Medan	44,788	39,088	44,788		120.68%	No
34	N34	Bukit Gasing	33,616	42,882	33,616		90.58%	No
35	N35	Kampung Tunku	31,016	48,004	31,016		83.57%	No
36	N36	Bandar Utama	53,440	47,533	53,440		143.99%	No
37	N37	Bukit Lanjan	40,913	54,902	40,913		110.24%	No
38	N38	Paya Jaras	44,149	34,042	44,149		118.96%	No
39	N39	Kota Damansara	44,784	39,406	44,784		120.67%	No
40	N40	Kota Anggerik	58,722	42,103	58,722		158.22%	No
41	N41	Batu Tiga	45,454	49,254	45,454		122.47%	No
42	N42	Meru	40,441	31,566	40,441		108.97%	No
43	N43	Sementa	41,337	37,089	41,337		111.38%	No
44	N44	Selat Klang	27,600	31,801	27,600		74.37%	No
45	N45	Sungai Pinang	36,939	52,754	36,939		99.53%	No
46	N46	Pelabuhan Klang	40,418	28,604	40,418		108.91%	No
47	N47	Pandamaran	27,887	59,917	27,887		75.14%	No
48	N48	Kota Alam Shah	29,980	41,261	29,980		80.78%	No
49	N49	Seri Andalas	58,889	41,523	58,889		158.67%	No
50	N50	Sri Muda	51,193	38,342	51,193		137.94%	No
51	N51	Sijangkang	30,807	33,368	33,368		89.91%	Yes
52	N52	Teluk Datuk	25,122	28,321	28,321		76.31%	Yes
53	N53	Morib	33,146	27,386	27,386		73.79%	Yes
54	N54	Tanjong Sepat	22,026	22,026	22,026		59.35%	Yes
55	N55	Dengkil	39,380	39,380	39,380		106.11%	Yes
56	N56	Sungai Pelek	23,989	23,989	23,989		64.64%	Yes
<b>Largest Constituency</b>			<b>15,033</b>	<b>15,033</b>	<b>15,033</b>			
<b>Smallest Constituency</b>			<b>74,563</b>	<b>66,059</b>	<b>74,563</b>			
<b>Largest/Smallest Ratio</b>			<b>4.96</b>	<b>4.39</b>	<b>4.96</b>			

Table 16 Malapportionment of State Seats in the State of Selangor

## Kuala Lumpur (Parliamentary Constituencies)

No.	Parliamentary Constituency Code	Parliamentary Constituency Name	Electorate at Status Quo	Electorate at 1st Recommendations	Electorate at 2nd Recommendations	Electorate at Final Recommendations	Deviation from State Average as at 2nd Recommendations	Changes from Status Quo
1	P114	Kepong	68,086	70,576	70,576		98.47%	Yes
2	P115	Batu	85,125	77,260	72,290		100.86%	Yes
3	P116	Wangsamaju	67,209	75,827	74,584		104.06%	Yes
4	P117	Segambut	75,544	78,033	71,916		100.34%	Yes
5	P118	Setiawangsa	62,645	61,402	62,645		87.40%	No
6	P119	Titwangsa	55,896	50,926	55,896		77.99%	No
7	P120	Bukit Bintang	53,037	75,807	67,291		93.88%	Yes
8	P121	Lembah Pantai	72,715	62,757	74,481		103.92%	Yes
9	P122	Seputeh	85,329	78,381	81,290		113.42%	Yes
10	P123	Cheras	71,515	78,199	78,199		109.10%	Yes
11	P124	Bandar Tun Razak	91,312	79,245	79,245		110.56%	Yes
<b>Largest Constituency</b>			<b>91,312</b>	<b>79,245</b>	<b>81,290</b>			
<b>Smallest Constituency</b>			<b>53,037</b>	<b>50,926</b>	<b>55,896</b>			
<b>Largest/Smallest Ratio</b>			<b>1.72</b>	<b>1.56</b>	<b>1.45</b>			

*Table 17 Table of Parliament Seats in Kuala Lumpur*

### Negeri Sembilan (Parliamentary Constituencies)

No.	Parliamentary Constituency Code	Parliamentary Constituency Name	Electorate at Status Quo	Electorate at 1st Recommendations	Electorate at 2nd Recommendations	Electorate at Final Recommendations	Deviation from State Average as at 2nd Recommendations	Changes from Status Quo
1	P126	Jelevu	45,719	45,719	45,719		65.65%	No
2	P127	Jempol	66,393	66,393	66,393		95.33%	No
3	P128	Seremban	103,615	99,752	99,752		143.24%	Yes
4	P129	Kuala Pilah	46,803	46,803	46,803		67.21%	No
5	P130	Rasah	89,436	93,299	93,299		133.97%	Yes
6	P131	Rembau	78,876	79,676	78,876		113.26%	No
7	P132	Telok Kemang	69,391	68,591	69,391		99.64%	No
8	P133	Tampin	56,904	56,904	56,904		81.71%	No
<b>Largest Constituency</b>			<b>103,615</b>	<b>99,752</b>	<b>99,752</b>			
<b>Smallest Constituency</b>			<b>45,719</b>	<b>45,719</b>	<b>45,719</b>			
<b>Largest/Smallest Ratio</b>			<b>2.27</b>	<b>2.18</b>	<b>2.18</b>			

*Table 18 Malapportionment of Parliament Seats in the State of Negeri Sembilan*

## Negeri Sembilan (State Constituencies)

No.	State Constituency Code	State Constituency Name	Electorate at Status Quo	Electorate at 1st Recommendations	Electorate at 2nd Recommendations	Electorate at Final Recommendations	Deviation from State Average as at 2nd Recommendations	Changes from Status Quo
1	N01	Chennah	11,049	11,049	11,049		71.39%	No
2	N02	Pertang	9,694	9,694	9,694		62.64%	No
3	N03	Sungai Lui	15,584	15,584	15,584		100.70%	No
4	N04	Klawang	9,392	9,392	9,392		60.69%	No
5	N05	Serting	19,903	19,903	19,903		128.61%	No
6	N06	Palong	16,821	13,365	16,821		108.69%	No
7	N07	Jeram Padang	11,403	14,859	11,403		73.68%	No
8	N08	Bahau	18,266	18,266	18,266		118.03%	No
9	N09	Lenggeng	16,871	16,871	16,871		109.01%	No
10	N10	Nilai	20,833	20,833	20,833		134.61%	No
11	N11	Lobak	19,122	16,207	19,122		123.56%	No
12	N12	Temiang	10,489	13,404	9,907		64.02%	Yes
13	N13	Sikamat	19,739	17,759	18,341		118.51%	Yes
14	N14	Ampangan	16,561	14,678	14,678		94.84%	Yes
15	N15	Juasseh	9,354	9,354	9,354		60.44%	No
16	N16	Seri Menanti	7,894	7,894	7,894		51.01%	No
17	N17	Senaling	7,766	7,766	7,766		50.18%	No
18	N18	Pilah	12,302	12,302	12,302		79.49%	No
19	N19	Johol	9,487	9,487	9,487		61.30%	No
20	N20	Labu	15,210	15,210	15,210		98.28%	No
21	N21	Bukit Kepayang	22,793	22,793	22,793		147.28%	No
22	N22	Rahang	15,164	17,004	17,004		109.87%	No
23	N23	Mambau	19,496	19,496	19,496		125.98%	No
24	N24	Seremban Jaya	16,773	18,796	18,796		121.45%	Yes
25	N25	Paroi	31,081	31,081	31,081		200.83%	No
26	N26	Chembong	16,353	16,353	16,353		105.67%	No
27	N27	Rantau	18,405	19,205	18,405		118.93%	No
28	N28	Kota	13,037	13,037	13,037		84.24%	No
29	N29	Chuah	10,856	10,856	10,856		70.15%	No
30	N30	Lukut	13,550	14,973	13,550		87.55%	No
31	N31	Bagan Pinang	15,518	15,518	15,518		100.27%	No
32	N32	Linggi	14,774	14,774	14,774		95.46%	No
33	N33	Sri Tanjung	14,693	12,470	14,693		94.94%	No
34	N34	Gemas	22,584	16,783	20,969		135.49%	Yes
35	N35	Gemencheh	15,198	17,581	17,991		116.25%	Yes
36	N36	Repah	19,122	22,540	17,944		115.95%	Yes
<b>Largest Constituency</b>			<b>31,081</b>	<b>31,081</b>	<b>31,081</b>			
<b>Smallest Constituency</b>			<b>7,766</b>	<b>7,766</b>	<b>7,766</b>			
<b>Largest/Smallest Ratio</b>			<b>4.00</b>	<b>4.00</b>	<b>4.00</b>			

Table 19 Malapportionment of State Seats in the State of Negeri Sembilan

## Melaka (Parliamentary Constituencies)

No.	Parliamentary Constituency Code	Parliamentary Constituency Name	Electorate at Status Quo	Electorate at 1st Recommendations	Electorate at 2nd Recommendations	Electorate at Final Recommendations	Deviation from State Average as at 2nd Recommendations	Changes from Status Quo
1	P134	Masjid Tanah	47,972	47,972	47,972		63.03%	No
2	P135	Alor Gajah	65,573	65,573	65,573		86.16%	No
3	P136	Tangga Batu	77,755	74,518	77,755		102.16%	No
4	P137	Bukit Katil	104,234	96,165	80,834		106.21%	Yes
5	P138	Kota Melaka	93,761	105,067	117,161		153.94%	Yes
6	P139	Jasin	67,350	67,350	67,350		88.49%	No
<b>Largest Constituency</b>			<b>104,234</b>	<b>105,067</b>	<b>117,161</b>			
<b>Smallest Constituency</b>			<b>47,972</b>	<b>47,972</b>	<b>47,972</b>			
<b>Largest/Smallest Ratio</b>			<b>2.17</b>	<b>2.19</b>	<b>2.44</b>			

Table 20 Malapportionment of Parliament Seats in the State of Melaka

## Melaka (State Constituencies)

No.	State Constituency Code	State Constituency Name	Electorate at Status Quo	Electorate at 1st Recommendations	Electorate at 2nd Recommendations	Electorate at Final Recommendations	Deviation from State Average as at 2nd Recommendations	Changes from Status Quo
1	N01	Kuala Linggi	10,521	10,521	10,521		64.51%	No
2	N02	Tanjung Bidara	9,291	9,291	9,291		56.97%	No
3	N03	Ayer Limau	10,469	10,469	10,469		64.19%	No
4	N04	Lendu	9,493	9,493	9,493		58.21%	No
5	N05	Taboh Naning	8,198	8,198	8,198		50.27%	No
6	N06	Rembia	14,236	11,949	14,236		87.29%	No
7	N07	Gadek	12,339	12,339	12,339		75.66%	No
8	N08	Machap Baru	11,770	14,057	11,770		72.17%	No
9	N09	Durian Tunggal	11,873	11,873	11,873		72.80%	No
10	N10	Asahan	15,355	15,355	15,355		94.15%	No
11	N11	Sungai Udang	17,763	19,663	20,321		124.60%	Yes
12	N12	Pantai Kundor	13,911	15,424	13,911		85.30%	No
13	N13	Paya Rumput	26,596	20,801	24,038		147.39%	Yes
14	N14	Kelebang	19,485	18,630	19,485		119.47%	No
15	N15	Pengkalan Batu	29,693	23,637	19,524		119.71%	Yes
16	N16	Taman Tasek	35,747	25,491	22,516		138.06%	Yes
17	N17	Bukit Katil	22,497	25,773	22,497		137.94%	No
18	N18	Ayer Molek	16,297	21,708	16,297		99.93%	No
19	N19	Limbongan	17,964	20,986	31,250		191.61%	Yes
20	N20	Kota Laksamana	19,466	20,994	29,580		181.37%	Yes
21	N21	Duyong	19,091	20,948	19,091		117.06%	No
22	N22	Bandar Hilir	18,634	18,502	18,634		114.26%	No
23	N23	Telok Mas	18,606	23,193	18,606		114.08%	No
24	N24	Bemban	16,549	17,596	16,549		101.47%	No
25	N25	Rim	10,282	12,845	12,845		78.76%	Yes
26	N26	Serkam	16,331	14,275	14,275		87.53%	Yes
27	N27	Merlimau	13,303	11,749	12,796		78.46%	Yes
28	N28	Sungai Rambai	10,885	10,885	10,885		66.74%	No
<b>Largest Constituency</b>			<b>35,747</b>	<b>25,773</b>	<b>31,250</b>			
<b>Smallest Constituency</b>			<b>8,198</b>	<b>8,198</b>	<b>8,198</b>			
<b>Largest/Smallest Ratio</b>			<b>4.36</b>	<b>3.14</b>	<b>3.81</b>			

Table 21 Malapportionment of State Seats in th State of Melaka

## Johor (Parliamentary Constituencies)

No.	Parliamentary Constituency Code	Parliamentary Constituency Name	Electorate at Status Quo	Electorate at 1st Recommendations	Electorate at 2nd Recommendations	Electorate at Final Recommendations	Deviation from State Average as at 2nd Recommendations	Changes from Status Quo
1	P140	Segamat	48,681	48,681	48,681		76.75%	No
2	P141	Sekijang	41,896	41,896	41,896		66.05%	No
3	P142	Labis	37,568	37,568	37,568		59.23%	No
4	P143	Pagoh	46,892	36,387	47,942		75.58%	No
5	P144	Ledang	70,478	82,033	70,478		111.11%	No
6	P145	Bakri	68,473	69,287	69,508		109.59%	Yes
7	P146	Muar	47,947	46,083	45,862		72.31%	Yes
8	P147	Parit Sulong	56,851	56,851	56,851		89.63%	No
9	P148	Ayer Hitam	43,289	42,962	42,962		67.73%	Yes
10	P149	Sri Gading	46,389	45,451	46,716		73.65%	Yes
11	P150	Batu Pahat	90,063	91,328	90,063		141.99%	No
12	P151	Simpang Renggam	40,526	41,052	40,526		63.89%	No
13	P152	Kluang	88,738	88,212	88,738		139.90%	No
14	P153	Sembrong	41,629	41,629	41,629		65.63%	No
15	P154	Mersing	44,985	44,985	44,985		70.92%	No
16	P155	Tenggara	40,670	40,670	40,670		64.12%	No
17	P156	Kota Tinggi	42,861	42,861	42,861		67.57%	No
18	P157	Pengerang	38,338	38,338	38,338		60.44%	No
19	P158	Tebrau	99,592	99,592	99,592		157.02%	No
20	P159	Pasir Gudang	108,156	108,156	108,156		170.52%	No
21	P160	Johor Bahru	96,841	98,351	98,351		155.06%	Yes
22	P161	Pulai	104,294	95,980	95,980		151.32%	Yes
23	P162	Iskandar Puteri	114,625	112,081	119,175		187.89%	Yes
24	P163	Kulai	86,474	95,822	88,728		139.89%	Yes
25	P164	Pontian	48,901	52,660	52,660		83.02%	Yes
26	P165	Tanjung Piai	53,974	50,215	50,215		79.17%	Yes
<b>Largest Constituency</b>			<b>114,625</b>	<b>112,081</b>	<b>119,175</b>			
<b>Smallest Constituency</b>			<b>37,568</b>	<b>37,568</b>	<b>37,568</b>			
<b>Largest/Smallest Ratio</b>			<b>3.051</b>	<b>2.983</b>	<b>3.172</b>			

Table 22 Malapportionment of Parliament Seats in the State of Johor

## Johor (State Constituencies)

No.	State Constituency Code	State Constituency Name	Electorate at Status Quo	Electorate at 1st Recommendations	Electorate at 2nd Recommendations	Electorate at Final Recommendations	Deviation from State Average as at 2nd Recommendations	Changes from Status Quo
1	N01	Buloh Kasap	19,072	19,072	19,072		64.76%	No
2	N02	Jementah	29,609	29,609	29,609		100.54%	No
3	N03	Pemanis	20,806	20,806	20,806		70.65%	No
4	N04	Kemelah	21,090	21,090	21,090		71.62%	No
5	N05	Tenang	18,073	18,073	18,073		61.37%	No
6	N06	Bekok	19,495	19,495	19,495		66.20%	No
7	N07	Bukit Kepong	21,416	15,795	27,350		92.87%	Yes
8	N08	Bukit Pasir	25,476	20,592	20,592		69.92%	Yes
9	N09	Gambir	21,747	24,486	13,839		46.99%	Yes
10	N10	Tangkak	23,604	30,144	29,236		99.28%	Yes
11	N11	Serom	25,127	27,403	27,403		93.05%	Yes
12	N12	Bentayan	26,625	27,056	27,056		91.87%	Yes
13	N13	Simpang Jeram	24,779	25,383	25,383		86.19%	Yes
14	N14	Bukit Naning	17,069	16,848	17,069		57.96%	No
15	N15	Maharani	27,111	25,026	25,026		84.98%	Yes
16	N16	Sungai Balang	20,836	21,057	20,836		70.75%	No
17	N17	Semerah	30,432	33,777	30,432		103.34%	No
18	N18	Sri Medan	26,419	23,074	26,419		89.71%	No
19	N19	Yong Peng	22,735	22,735	22,735		77.20%	No
20	N20	Semarang	20,554	20,227	20,227		68.68%	Yes
21	N21	Parit Yaani	24,870	23,310	23,310		79.15%	Yes
22	N22	Parit Raja	21,519	22,141	23,406		79.48%	Yes
23	N23	Penggaram	45,749	45,749	45,749		155.35%	No
24	N24	Senggarang	24,806	26,071	24,806		84.23%	No
25	N25	Rengit	19,508	19,508	19,508		66.24%	No
26	N26	Machap	22,028	21,789	21,789		73.99%	Yes
27	N27	Layang-Layang	18,498	19,263	18,737		63.63%	Yes
28	N28	Mengkibol	42,401	44,506	45,032		152.92%	Yes
29	N29	Mahkota	46,337	43,706	43,706		148.41%	Yes
30	N30	Paloh	18,090	20,544	20,544		69.76%	Yes

No.	State Constituency Code	State Constituency Name	Electorate at Status Quo	Electorate at 1st Recommendations	Electorate at 2nd Recommendations	Electorate at Final Recommendations	Deviation from State Average as at 2nd Recommendations	Changes from Status Quo
31	N31	Kahang	23,539	21,085	21,085		71.60%	Yes
32	N32	Endau	19,175	17,882	17,882		60.72%	Yes
33	N33	Tenggaroh	25,810	27,103	27,103		92.03%	Yes
34	N34	Panti	17,730	23,320	23,320		79.19%	Yes
35	N35	Pasir Raja	22,940	17,350	17,350		58.92%	Yes
36	N36	Sedili	25,265	19,392	19,392		65.85%	Yes
37	N37	Johor Lama	17,596	23,469	23,469		79.69%	Yes
38	N38	Penawar	20,121	20,121	20,121		68.32%	No
39	N39	Tanjung Surat	18,217	18,217	18,217		61.86%	No
40	N40	Tiram	50,639	50,639	50,639		171.95%	No
41	N41	Puteri Wangsa	48,953	48,953	48,953		166.23%	No
42	N42	Johor Jaya	54,794	59,041	54,794		186.06%	No
43	N43	Permas	53,362	49,115	53,362		181.20%	No
44	N44	Larkin	51,815	53,325	53,325		181.08%	Yes
45	N45	Stulang	45,026	45,026	45,026		152.89%	No
46	N46	Perling	64,124	55,810	55,810		189.51%	Yes
47	N47	Kempas	40,170	40,170	40,170		136.41%	No
48	N48	Skudai	58,474	69,132	65,278		221.66%	Yes
49	N49	Kota Iskandar	56,151	42,949	53,897		183.02%	Yes
50	N50	Bukit Permai	23,058	25,590	21,015		71.36%	Yes
51	N51	Bukit Batu	22,704	26,209	26,454		89.83%	Yes
52	N52	Senai	40,712	44,023	41,259		140.10%	Yes
53	N53	Benut	21,637	19,724	19,724		66.98%	Yes
54	N54	Pulai Sebatang	27,264	32,936	32,936		111.84%	Yes
55	N55	Pekan Nanas	32,421	25,101	25,101		85.24%	Yes
56	N56	Kukup	21,553	25,114	25,114		85.28%	Yes
<b>Largest Constituency</b>			<b>64,124</b>	<b>69,132</b>	<b>65,278</b>			
<b>Smallest Constituency</b>			<b>17,069</b>	<b>15,795</b>	<b>13,839</b>			
<b>Largest/Smallest Ratio</b>			<b>3.757</b>	<b>4.377</b>	<b>4.717</b>			

Table 23 Malapportionment of State Seats in the State of Johor