

# Verification Data Report



## 2010 Census

### Reapportionment of Oakland County Board of Commissioners

Plan Name: DEM  
Prepared by: Commissioner David Woodward  
Submission Date: 04/04/2012  
Validation Date: 04/05/2012  
Validated By: Plat Engineering Department  
Validated Yes/No Yes

**1. Run "Population Summary Report (Legal)".**

- a. All districts shall be single-member districts and be as nearly of equal population as is practicable.

Number Districts	Median Population	Low Populated	Dist #	Deviation	High Populated	Dist #	Deviation	Total Deviation
21	57,255	55,872	18	2.4	59,651	7	4.2	6.6

**2. Run "Check Plan Errors" report.**

- a. This Verify Plan tool allows you to check your current plan for errors in contiguity, unassigned, areas, and split features.

- i. Number of dis-contiguous Districts 1  
ii. Number of unassigned Precincts 0

**b. Validation.**

- i. *Number of dis-contiguous Districts* 1  
ii. *Number of unassigned Precincts* 0





**4. Run “Compactness Analysis” and “Compact Analysis (Legal)” reports.**

- a. All districts shall be as compact and of as nearly square as is practicable, depending on the geography of the county area involved.
  - i. Yes \_\_\_\_\_ (This Process is up to Judicial Interpretation)
  - ii. No \_\_\_\_\_
- b. **Validation**
  - i. Yes \_\_\_\_\_
  - ii. No \_\_\_\_\_
- c. Before running any of the above reports; in **Analysis Tools** select and run **Compactness Analysis** function. (Make sure all districts are checked, and all defined measures are checked. Leave User Defined unchecked.)

Compactness Analysis							
District	Polsby Method		Scwartzberg		Roeck-Ehrenberg		Compact Yes/No
	Value	As a %	Value	As a %	Value	As a %	
1	.73	72.7	.39	39.1	.07	7.1	
2	.55	55.4	.86	85.6	.46	46.1	
3	.54	53.5	.91	90.8	.26	25.7	
4	.57	57.1	.85	85.1	.30	29.7	
5	.17	16.7	.59	59.5	.18	17.9	
6	.30	29.9	.68	68.4	.22	22.4	
7	.48	47.6	.84	83.9	.37	37.5	
8	.54	53.8	.88	88.3	.39	39.1	
9	.28	28.5	.79	79.5	.18	17.7	
10	.40	40.5	.75	75.4	.22	22.3	
11	.23	22.9	.72	72.2	.15	15.3	
12	.38	37.9	.75	75.4	.22	21.6	
13	.36	35.6	.90	89.7	.24	24.1	
14	.41	41.0	.78	77.8	.25	25.0	
15	.22	22.3	.65	65.2	.17	17.3	
16	.48	47.8	.85	85.0	.38	38.0	
17	.38	38.4	.73	72.8	.27	27.0	
18	.56	56.1	.89	88.8	.42	42.4	
19	.24	23.6	.62	61.9	.21	20.7	
20	.28	27.6	.69	69.5	.21	20.7	
21	.45	44.8	.80	79.7	.30	30.4	
High	.73	72.7	.91	90.8	.46	46.1	
Low	.17	16.7	.39	39.1	.07	7.1	
Average	.41	40.7	.76	75.9	.26	26.1	

**5. Print Map and Identify District Township and City Distribution.**

a. No township or part thereof shall be combined with any city of part thereof, for a single district, unless such combination is needed to meet the population standard.

i. Number of districts with combined townships and cities 8

**b. Validation.**

i. Number of districts with combined townships and cities 8

<b>District CVT Assignment</b>					
District	Complete Townships	Partial Townships	Complete Cities	Partial Cities	Township/City Combination
1	2	0	0	0	N
2	4	1	0	0	N
3	2	0	0	1	Y
4	3	0	0	0	N
5	0	1	2	0	Y
6	0	0	1	2	N
7	0	0	1	1	N
8	0	0	1	2	N
9	0	1	1	1	Y
10	0	0	1	1	N
11	0	2	0	0	N
12	0	2	0	0	N
13	2	0	0	0	N
14	2	0	2	1	Y
15	0	1	3	1	Y
16	0	0	1	1	N
17	1	0	1	1	Y
18	0	1	1	1	Y
19	0	2	3	1	Y
20	0	0	1	2	N
21	0	0	3	1	N
Total					8

**6. From Printed Map Identify Whole and Split Townships and Cities.**

a. Townships, Villages, or Cities shall be divided if necessary to meet the population standard.

b. SEE TABLES NEXT PAGE.

Number of whole Townships	16
Number of whole Cities	25
Number of split Townships	5
Number of split Cities	6
Number of Township Splits	6
Number of City Splits	10

Township & City Completeness Report							
Township	Whole	Split	No. Splits	City	Whole	Split	No. Splits
Holly	X			Clarkston	X		
Groveland	X			Pontiac	X		
Brandon	X			Lake Angelus	X		
Oxford	X			Auburn Hills	X		
Addison	X			Rochester Hills		X	1
Oakland	X			Rochester	X		
Orion	X			Troy		X	3
Independence	X			Bloomfield Hills	X		
Springfield	X			Birmingham	X		
Rose	X			Sylvan Lake	X		
Highland	X			Keego Harbor	X		
White Lake		X	1	Orchard Lake	X		
Waterford		X	1	Walled Lake	X		
Bloomfield		X	2	Wixom	X		
West Bloomfield		X	1	South Lyon	X		
Commerce	X			Novi		X	1
Milford	X			Northville	X		
Lyon	X			Farmington Hills		X	2
Novi	X			Farmington	X		
Southfield		X	1	Southfield		X	1
Royal Oak	X			Lathrup Village	X		
				Oak Park	X		
				Royal Oak		X	2
				Berkley	X		
				Huntington Woods	X		
				Pleasant Ridge	X		
				Ferndale	X		
				Hazel Park	X		
				Madison Heights	X		
				Clawson	X		
				Fenton	X		
Total	16	5	6	Total	25	6	10

**7. Residents of state institutions who cannot by law register in the county as electors shall be excluded from any consideration of representation.**



