

2011 Apportionment Plan Review



ENNIS PLAN

Compiled by Macomb County Department of Planning and
Economic Development

ENNIS PLAN - POPULATION & DISTRICT GEOMETRY ANALYSIS

POPULATION ANALYSIS

DISTRICT	POPULATION AS MAPPED FROM PLAN DESCRIPTION	LISTED PLAN POPULATION
1	62,046	62,046
2	64,810	64,810
3	61,907	65,016
4	65,262	65,262
5	64,437	64,437
6	67,376	67,376
7	66,125	67,042
8	67,959	67,959
9	64,616	64,616
10	63,697	63,743
11	62,756	62,756
12	62,974	62,974
13	63,858	62,941
	837,823	840,978

COUNTY POPULATION TOTAL 2010	
840,978	
840,978 / 13 =	64,691
94.05% to 105.95%	60,821 to 68,540

GEOMETRY ANALYSIS

City Splits	5
Township Splits	4
Voting Precinct Splits	NOT ANALYSED DUE TO UNRESOLVABLE ERRORS IN LISTED PLAN

SUMMARY - POPULATION ANALYSIS

POPULATION OF LISTED PLAN DISTRICTS DO NOT MATCH 2010 CENSUS POPULATION WHEN MAPPED

DISTRICT #4 AS LISTED IN THE PLAN CREATES AN ISLAND WITHIN DISTRICT #5 BY SPECIFYING CENSUS VOTING DISTRICT 36 AS PART OF DISTRICT #4

VOID IN DISTRICTS 3 & 10 CREATED BY PLAN SEPCIFYING INVALID CENSUS TRACT AND BLOCK NUMBERS (CENSUS TRACT NUMBERS PROVIDED IN LISTED PLAN DO NOT EXIST IN MACOMB COUNTY)

DISTRICT #7 INCORRECTLY LISTS THE POPULATION OF CENSUS TRACT 2263 BLOCK 1024 AS 1,024 (POPULATION IS 107 FOR THIS BLOCK)

DISTRICT #8 LISTS CENSUS TRACT 2212 BLOCK 1011 TWICE. THE FIRST TIME IT IS LISTED WITH POPULATION OF 0. THE SECOND TIME IT IS LISTED WITH A POPULATION OF 19. BLOCK 1011 HAS A POPULATION OF 0. THE POPULATION FIGURE 19 BELONGS TO

SUMMARY - MAP GEOMETRY ANALYSIS

City Splits

- District #1 - Warren
- District #2 - Warren
- District #3 - St Clair Shores
- District #4 - Sterling Heights
- District #5 - Sterling Heights
- District #10 - St Clair Shores
- District #11 - Warren

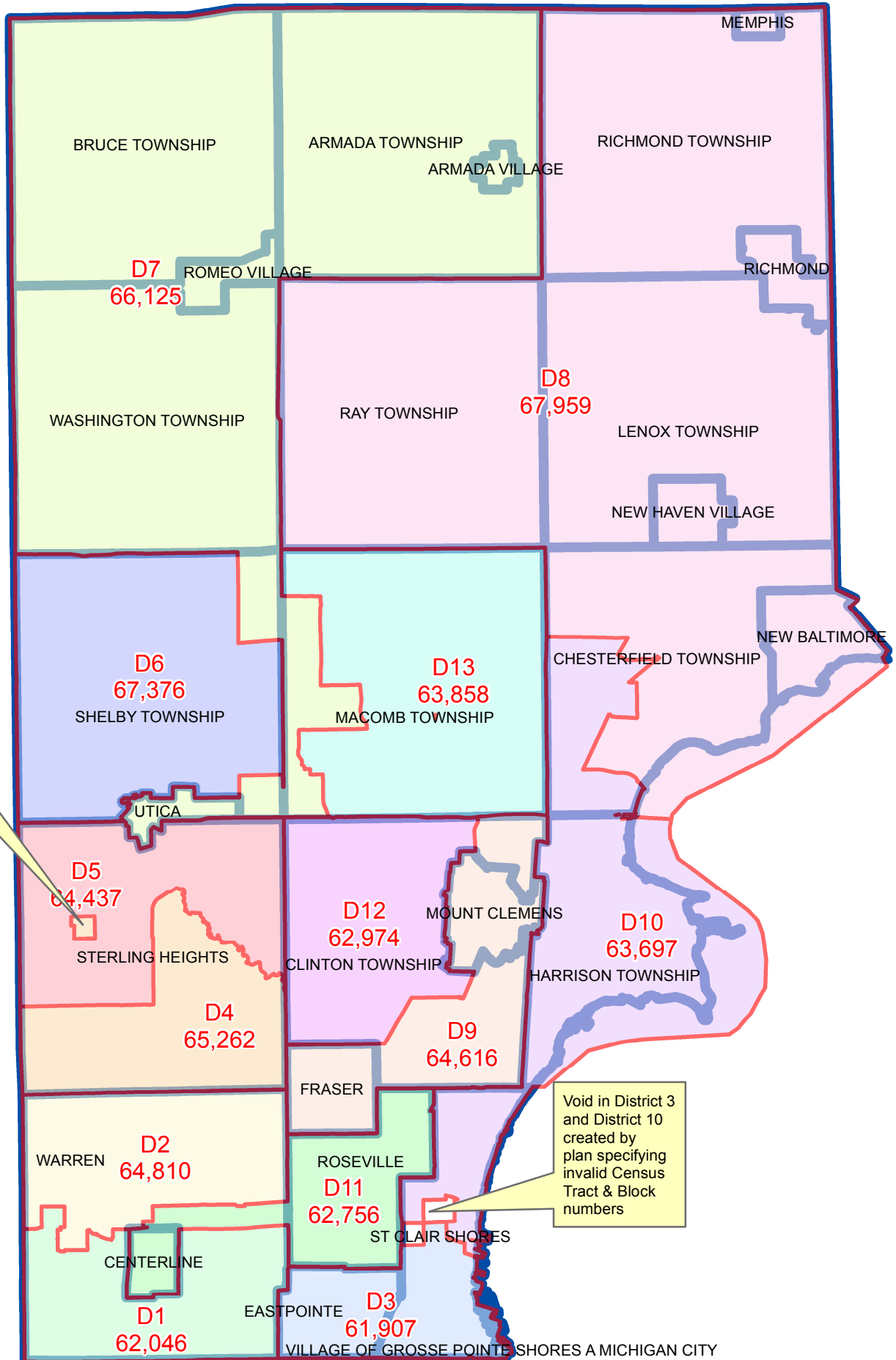
Township Splits

- District #6 - Shelby Township
- District #7 - Shelby Township & Macomb Township
- District #8 - Chesterfield Township
- District #9 - Clinton Township
- District #12 - ClintonTownship
- District #13 - Macomb Township

Voting Precinct Splits

NOT ANALYSED DUE TO UNRESOLVABLE ERRORS IN LISTED PLAN

Ennis Plan - As Described in Plan Submittal



Island created by plan specifying Census Voting District 36 as part of District 4

Void in District 3 and District 10 created by plan specifying invalid Census Tract & Block numbers

Macomb County Redistricting Plan
submitted 5-26
by Robert Brandenburg
on behalf of Michael Ennis

Macomb County population	840,978
ideal district	64690.615

Districts	population
1	62,046
2	64,810
3	65,016
4	65,262
5	64,437
6	67,376
7	67,042
8	67,959
9	64,616
10	63,743
11	62,756
12	62,974
13	62,941
total	840,978

District 1						
Voting District 0998400000001	84000	1635				
Voting District 0998400000002	84000	1783				
Voting District 0998400000003	84000	1373				
Voting District 0998400000004	84000	2269				
Voting District 0998400000006	84000	1226				
Voting District 0998400000008	84000	1861				
Voting District 0998400000010	84000	2637				
Voting District 0998400000011	84000	1112				
Voting District 0998400000012	84000	1368				
Voting District 0998400000013	84000	1764				
Voting District 0998400000015	84000	1368				
Voting District 0998400000016	84000	1462				
Voting District 0998400000017	84000	1606				
Voting District 0998400000018	84000	1531				
Voting District 0998400000020	84000	1439				
Voting District 0998400000021	84000	1321				
Voting District 0998400000022	84000	1298				
Voting District 0998400000023	84000	2124				
Voting District 0998400000024	84000	2246				
Voting District 0998400000026	84000	1365				
Voting District 0998400000027	84000	963				
Voting District 0998400000028	84000	747				
Voting District 0998400000029	84000	2592				
Voting District 0998400000032	84000	1644				
Voting District 0998400000033	84000	1370				
Voting District 0998400000034	84000	2228				
Voting District 0998400000036	84000	1623				
Voting District 0998400000037	84000	1443				
Voting District 0998400000038	84000	1028				
Voting District 0998400000039	84000	1051				
Voting District 0998400000040	84000	1215				
Voting District 0998400000041	84000	1397				
Voting District 0998400000042	84000	1777				
Voting District 0998400000043	84000	358				
Voting District 0998400000047	84000	634				
Voting District 0998400000048	84000	1991				
Voting District 0998400000049	84000	1122				
Voting District 0998400000050	84000	1711				
Voting District 0998400000052	84000	1642				
Voting District 0998400000068	84000	1707				
Voting District 0998400000072	84000	1015				
				ideal	diff	%
		62,046		64690.62	-2,645	-4.09%

District 2						
Warren						
Voting District 0998400000058	84000	2376				
Voting District 0998400000060	84000	1278				
Voting District 0998400000061	84000	1847				
Voting District 0998400000062	84000	1247				
Voting District 0998400000063	84000	1346				
Voting District 0998400000064	84000	1638				
Voting District 0998400000066	84000	1301				
Voting District 0998400000067	84000	1376				
Voting District 0998400000069	84000	1858				
Voting District 0998400000070	84000	2012				
Voting District 0998400000071	84000	1334				
Voting District 0998400000073	84000	1165				
Voting District 0998400000074	84000	2366				
Voting District 0998400000076	84000	1819				
Voting District 0998400000078	84000	1370				
Voting District 0998400000080	84000	1388				
Voting District 0998400000081	84000	1424				
Voting District 0998400000082	84000	2269				
Voting District 0998400000084	84000	2341				
Voting District 0998400000085	84000	1522				
Voting District 0998400000086	84000	2536				
Voting District 0998400000088	84000	1148				
Voting District 0998400000090	84000	1610				
Voting District 0998400000092	84000	907				
Voting District 0998400000093	84000	2065				
Voting District 0998400000094	84000	1750				
Voting District 0998400000096	84000	1275				
Voting District 0998400000097	84000	1094				
Voting District 0998400000098	84000	1083				
Voting District 0998400000099	84000	992				
Voting District 0998400000100	84000	1279				
Voting District 0998400000101	84000	1575				
Voting District 0998400000102	84000	1123				
Voting District 0998400000103	84000	1656				
Voting District 0998400000105	84000	1726				
Voting District 0998400000106	84000	1514				
Voting District 0998400000108	84000	1810				
Voting District 0998400000109	84000	1599				
Voting District 0998400000110	84000	1749				
Voting District 0998400000072A	84000	1773				
Voting District 0998400000099A	84000	1269				
				ideal	diff	%
		64,810		64690.62	119	0.18%

District 3						
Eastpointe city	24290	32442				
Village of Grosse Pointe Shores city	82453	79				
St Clair Shores						
Voting District 0997076000001	70760	2887				
Voting District 0997076000002	70760	2259				
Voting District 0997076000003	70760	2393				
Voting District 0997076000004	70760	1886				
Voting District 0997076000005	70760	2887				
Voting District 0997076000006	70760	2933				
Voting District 0997076000007	70760	2303				
Voting District 0997076000008	70760	2728				
Voting District 0997076000009	70760	1604				
Voting District 0997076000010	70760	3175				
Voting District 0997076000011	70760	1155				
Voting District 0997076000012	70760	3176				
Voting District 0997076000015	70760	3155				
minus tract 2793, block 2006		-45				
minus tract 2793, block 2007		-1				
				ideal	diff	%
		65,016		64690.62	325	0.50%

District 4						
Sterling Heights						
Voting District 0997646000001	76460	3225				
Voting District 0997646000002	76460	4130				
Voting District 0997646000003	76460	2608				
Voting District 0997646000004	76460	3920				
Voting District 0997646000005	76460	3059				
Voting District 0997646000006	76460	3235				
Voting District 0997646000008	76460	1397				
Voting District 0997646000009	76460	2488				
Voting District 0997646000010	76460	2505				
Voting District 0997646000011	76460	2792				
Voting District 0997646000012	76460	1640				
Voting District 0997646000013	76460	821				
Voting District 0997646000014	76460	712				
Voting District 0997646000015	76460	3741				
Voting District 0997646000016	76460	3086				
Voting District 0997646000020	76460	2508				
Voting District 0997646000021	76460	2089				
Voting District 0997646000022	76460	1805				
Voting District 0997646000023	76460	1332				
Voting District 0997646000024	76460	1827				
Voting District 0997646000028	76460	2762				
Voting District 0997646000029	76460	1538				
Voting District 0997646000034 (0020)	76460	1050				
Voting District 0997646000034 (2500)	76460	1775				
Voting District 0997646000035	76460	2036				
Voting District 0997646000036	76460	1977				
Voting District 0997646000046	76460	3391				
Voting District 0997646000047	76460	1813				
				ideal	diff	%
		65,262		64690.62	571	0.88%

District 5						
Sterling Heights						
Voting District 0997646000017	76460	2336				
Voting District 0997646000018	76460	3066				
Voting District 0997646000019	76460	2514				
Voting District 0997646000025	76460	3619				
Voting District 0997646000026	76460	2583				
Voting District 0997646000027	76460	2983				
Voting District 0997646000030	76460	2118				
Voting District 0997646000031	76460	2222				
Voting District 0997646000032	76460	2929				
Voting District 0997646000033	76460	1861				
Voting District 0997646000037	76460	2447				
Voting District 0997646000038	76460	3148				
Voting District 0997646000039	76460	3145				
Voting District 0997646000040	76460	3271				
Voting District 0997646000041	76460	3344				
Voting District 0997646000042	76460	2043				
Voting District 0997646000043	76460	2651				
Voting District 0997646000044	76460	2077				
Voting District 0997646000045	76460	2018				
Voting District 0997646000048	76460	2112				
Voting District 0997646000049	76460	2041				
Voting District 0997646000050	76460	3922				
Voting District 0997646000051	76460	2758				
Voting District 0997646000052	76460	3229				
				ideal	diff	%
		64,437		64690.62	-254	-0.39%

Distict 6						
Shelby charter township	72820	73804				
except						
Voting District 0997282000024	72820	-3315				
Voting District 0997282000027	72820	-3113				
				ideal	diff	%
		67,376		64690.62	2,685	4.15%

District 7					
Armada township		3540	5379		
Bruce township		11300	8700		
Utica city		81540	4757		
Washington township		84120	25139		
Shelby township					
Voting District 0997282000024		72820	3315		
Voting District 0997282000027		72820	3113		
Macomb township					
26099223800	Census Tract 2238, Macomb County, Michigan				
	block group 1		2186		
	block group 3		2202		
	block 2098		45		
26099223900	Census Tract 2239, Macomb County, Michigan				
	block group 1		2371		
except	block 1028		- 0		
	block 2012		8		
	block 2013		22		
	block 2026		0		
26099224000	Census Tract 2240, Macomb County, Michigan				
	block group 1		2571		
26099224300	Census Tract 2243, Macomb County, Michigan				
	block group 2		2301		
	block 1024		1024		
26099224500	Census Tract 2245, M		3909		
			ideal	diff	%
		67,042	64690.62	2,351	3.63%

District 8					
Chesterfield township	15340	43381			
minus					
26099982100	Census Tract 9821, Macom	0			
26099221100	Census Tract 2211, Macom	-6792			
26099221200	Census Tract 2212, Macomb County, Michigan				
	block group 1	-2184			
except	block 1011	0			
except	block 1012	169			
except	block 1011	19			
except	block 1014	1			
except	block 1015	77			
except	block 1016	22			
minus					
26099222101	Census Tract 2221.01, Maco	-5388			
except	block group 1	3088			
minus	bk 1010	-102			
except	block 2000	42			
except	block 2001	311			
except	block 2002	141			
except	block 2004	67			
except	block 2005	52			
26099268200	Census Tract 2682, Macomb County, Michigan				
	block 2003	-302			
	block 2006	-140			
	block 2007	-100			
	block 2008	-330			
	block 2009	-67			
	block 2010	-0			
	block 2011	-0			
	block 2012	-0			
	block 2014	-0			
	block 1030	-0			
	block 1031	-0			
	block 1032	-34			
	block 1033	-0			
	block 1036	-0			
	block 1037	-0			
	block 1038	-0			
	block 1039	-0			
	block 1040	-0			
	block 1041	-0			
	block 1042	-0			
	block 3005	-149			
	block 3006	-84			
	block 3007	-47			
	block 3008	-84			

	block 3010		~0			
	block 3012		-122			
Lenox township		46900	10470			
Memphis city		52960	823			
New Baltimore city		57100	12084			
Ray township		67420	3739			
Richmond city		68380	5733			
Richmond township		68400	3665			
				ideal	diff	%
			67,959	64690.62	3,268	5.05%

District 9						
Fraser city	30420	14480				
Mount Clemens city	55820	16314				
Clinton township						
26099240000	Census Tract 2400, N	3809				
26099241000	Census Tract 2410, N	4552				
26099241600	Census Tract 2416, N	2474				
26099241700	Census Tract 2417, N	4715				
26099241800	Census Tract 2418, N	5639				
26099241900	Census Tract 2419, N	5152				
26099242100	Census Tract 2421, N	2485				
26099241200	Census Tract 2412, N	4996				
				ideal	diff	%
		64,616		64690.62	-75	-0.12%

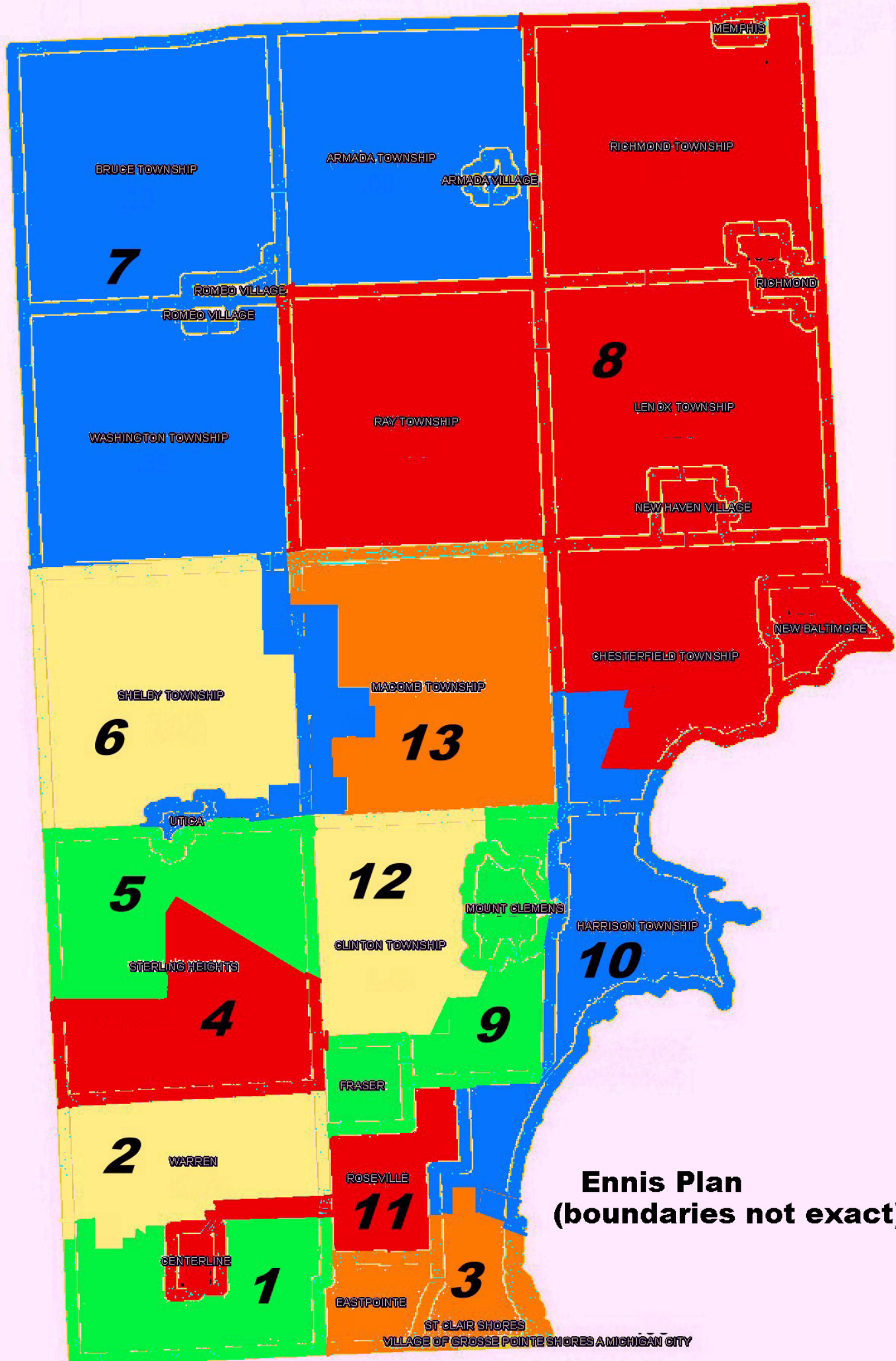
District 10						
Harrison charter township		36820	24587			
St Clair Shores						
Voting District 0997076000013		70760	3415			
Voting District 0997076000014		70760	1343			
Voting District 0997076000015		70760				
tract 2793, block 2006			45			
tract 2793, block 2007			1			
Voting District 0997076000016		70760	2855			
Voting District 0997076000017		70760	3000			
Voting District 0997076000019		70760	2164			
Voting District 0997076000020		70760	1395			
Voting District 0997076000021		70760	2607			
Voting District 0997076000022		70760	2301			
Voting District 0997076000023		70760	2374			
Voting District 0997076000024		70760	3082			
Voting District 0997076000026		70760	2638			
Chesterfield						
26099982100	Census Tract 9821, Macomb County, Michigan		0			
26099221100	Census Tract 2211, Macomb County, Michigan		6792			
26099221200	Census Tract 2212, Macomb County, Michigan					
	block group 1		2184			
	minus block 1011		-0			
	minus block 1012		-169			
	minus block 1011		-19			
	minus block 1014		-1			
	minus block 1015		-77			
	minus block 1016		-22			
26099222101	Census Tract 2221.01, Macomb County, Michigan		5388			
	minus block group 1		-3088			
	bk 1010		102			
	minus block 2000		-42			
	minus block 2001		-311			
	minus block 2002		-141			
	minus block 2004		-67			
	minus block 2005		-52			
26099268200	Census Tract 2682, Macomb County, Michigan					
	block 2003		302			
	block 2006		140			
	block 2007		100			
	block 2008		330			
	block 2009		67			
	block 2010		0			
	block 2011		0			
	block 2012		0			
	block 2014		0			
	block 1030		0			

	block 1031	0			
	block 1032	34			
	block 1033	0			
	block 1036	0			
	block 1037	0			
	block 1038	0			
	block 1039	0			
	block 1040	0			
	block 1041	0			
	block 1042	0			
	block 3005	149			
	block 3006	84			
	block 3007	47			
	block 3008	84			
	block 3010	0			
	block 3012	122			
			ideal	diff	%
		63,743	64690.62	-948	-1.46%

District 11						
Center Line city	14320	8257				
Roseville city	69800	47299				
Warren						
Voting District 0998400000045	84000	966				
Voting District 0998400000046	84000	2025				
Voting District 0998400000053	84000	1973				
Voting District 0998400000055	84000	917				
Voting District 0998400000056	84000	1319				
				ideal	diff	%
		62,756		64690.62	-1,935	-2.99%

District 12						
Clinton charter township	16520	96796				
except						
26099240000	Census Tract 2400, N	-3809				
26099241000	Census Tract 2410, N	-4552				
26099241600	Census Tract 2416, N	-2474				
26099241700	Census Tract 2417, N	-4715				
26099241800	Census Tract 2418, N	-5639				
26099241900	Census Tract 2419, N	-5152				
26099242100	Census Tract 2421, N	-2485				
26099241200	Census Tract 2412, N	-4996				
				ideal	diff	%
		62,974		64690.62	-1,717	-2.65%

District 13						
Macomb township	50480	79580				
minus						
26099223800	Census Tract 2238, Macomb County, Michigan					
	block group 1	-2186				
	block group 3	-2202				
	block 2098	-45				
26099223900	Census Tract 2239, Macomb County, Michigan					
	block group 1	-2371				
except	block 1028	0				
	2012	-8				
	2013	-22				
	2026	-0				
26099224000	Census Tract 2240, Macomb County, Michigan					
	block group 1	-2571				
26099224300	Census Tract 2243, Macomb County, Michigan					
	block group 2	-2301				
	block 1024	-1024				
26099224500	Census Tract 2245, N					
				ideal	diff	%
		62,941		64690.62	-1,750	-2.70%



**Ennis Plan
(boundaries not exact)**