



STAFF REPORT  
CITY OF IMPERIAL BEACH

TO: HONORABLE MAYOR AND CITY COUNCIL  
FROM: ANDY HALL, CITY MANAGER *AH*  
MEETING DATE: OCTOBER 17, 2018  
ORIGINATING DEPT.: CITY ATTORNEY *JMJ*  
CITY CLERK *oml*  
SUBJECT: PUBLIC HEARING TO RECEIVE INPUT CONCERNING  
DISTRICT MAPS FOR CITY COUNCIL ELECTIONS DISTRICT  
BOUNDARIES AND THE SEQUENCING OF ELECTIONS

**EXECUTIVE SUMMARY:**

On September 19, 2018, City Council adopted Resolution No. 2018-7963 (Attachment 1) declaring its intention to transition from at-large to district-based council member elections. Pursuant to Elections Code section 10010 and before drawing draft maps, the City held two public hearings within 30 days to receive public input regarding the composition of the district maps. Draft maps were prepared after the two public hearings. The purpose of this third public hearing is to receive public input regarding the content of the draft maps and potential sequence of elections.

**FISCAL ANALYSIS:**

On September 19, 2018 City Council approved Resolution No. 2018-7964 which amended the FY 2018-19 budget to cover the costs associated with the district election process.

There is no fiscal impact associated with holding this public hearing.

**RECOMMENDATION:**

It is recommended the City Council:

1. Open the public hearing and receive a report from NDC, the City's demographic consultant, concerning the draft maps proposed to date, as well as the process for obtaining public input on the draft maps of potential voting districts and potential election sequencing for a district-based election process pursuant to Elections Code section 10010;
2. Invite members of the public to provide input on the draft maps and potential election sequencing presented; and
3. Close the public hearing when there is no more input from the public and provide direction to the City's demographics consultant about any modifications to one or more proposed district maps and the potential election sequencing to implement the district based election system.

**OPTIONS:**

- Provide direction about the draft maps, including any modifications to one or more of the proposed district maps and the potential election sequencing;
- Provide direction to the City Manager to take a specific action; or
- Request additional information and an additional report.

## **BACKGROUND/ANALYSIS:**

The City received a certified letter on August 6, 2018, from Kevin Shenkman, an attorney with the law firm of Shenkman & Hughes in Malibu, California. The letter alleges that the City's at-large electoral system violates the CVRA because it dilutes the ability of Latinos (a protected class) to elect candidates of their choice or otherwise influence the outcome of Imperial Beach's City Council elections as a result of alleged racially polarized voting. The letter threatens litigation if the City declines to convert voluntarily to district-based elections for Councilmembers.

The City of Imperial Beach, with approximately 12,484 registered voters, currently utilizes an at-large election system in which all voters of the entire City vote for each of the four (4) Councilmembers in plurality-win elections for four-year staggered terms.

A district-based election system (or by-district election system) is one in which the city is divided into separate districts, each with one Councilmember who resides in the district and is chosen by the voters residing in that particular district to a four-year term. Candidates for election to the City Council must also be residents of the district.

### The California Voters Rights Act (CVRA)

The CVRA was signed into law in 2002. The CVRA prohibits use of an at-large method of election if it impairs the ability of a protected class to elect candidates of its choice or its ability to influence the outcome of an election. The legislation was motivated, in part, by the lack of success by plaintiffs in California in lawsuits challenging at-large electoral systems brought under the Federal Voting Rights Act. The passage of the CVRA made it much easier for plaintiffs to prevail in lawsuits against public entities that elect their members to its governing body through "at-large" elections.

As a result, cities and other jurisdictions throughout the State have increasingly faced legal challenges to their "at-large" systems of electing City Council members. Almost all have settled claims out of court by essentially agreeing to shift voluntarily to district-based elections. Those few that have defended CVRA challenges in the courts have ultimately either voluntarily adopted district-based elections, settled the case by adopting district-based elections, or have been forced to adopt district-based elections by judicial decree.

### CVRA Reform (AB 350), a "Safe Harbor"

On September 28, 2016, the Governor signed AB 350 into law, codified as Elections Code section 10010 (effective on January 1, 2017). The legislation provides a "safe harbor" from CVRA litigation. If a city receives a demand letter, such as that received by the City of Imperial Beach, the city is given 45 days of protection from litigation to assess its situation. If within that 45 days, a city adopts a resolution declaring the Council's intent to transition from at-large to district-based elections, outlining specific steps to be undertaken to facilitate the transition, and estimating a time frame for action, then a potential plaintiff is prohibited from filing a CVRA lawsuit for an additional 90-day period. The legislation also caps a city's liability to pay attorneys' fees of the potential plaintiffs at \$30,000, if the city follows AB 350. The potential plaintiff must show financial documentation that these costs were actually incurred.

### At-large to District-Based Elections Transition

Pursuant to Elections Code 10010, a jurisdiction is required to hold five (5) public hearings in connection with the establishment of electoral districts. The legislation provides the community an opportunity to comment on the composition of the districts during the first two (2) public hearings before draft districting maps are prepared. Two (2) additional public hearings are held for public input regarding the draft districting maps and the proposed sequence of elections within

the new districts. The final public hearing occurs in connection with the vote to finally enact an ordinance establishing district-based elections.

#### Status of Incumbent City Council Members

Most communities have taken a phased approach to implementing district-based elections. Generally, the terms of sitting Councilmembers are not cut short. District-based elections are phased in as terms expire.

#### **DISCUSSION:**

On September 19, 2018, the City Council adopted Resolution No. 2018-7963, outlining its intention to transition from at-large to district-based elections, specific steps it will undertake to facilitate the transition and an estimated timeframe for doing so. Pursuant to Elections Code section 10010 and prior to drafting any maps, the City held public hearings on September 25, 2018, and September 26, 2018, to receive public input regarding the composition of the district maps. Such public hearings were advertised in the newspaper, the City's website, through social media sites, and by flyers posted at various locations throughout the City. The City also provided public participation kits to allow members of the public to prepare their own maps for submittal to the City. Furthermore, the City hosted informational booths at the Farmer's Market on September 28 and October 5, 2018 and prior to the Symphony by the Sea event on October 6, 2018 to provide additional public outreach. The City noticed tonight's public hearing by advertising in the newspaper and the City's website.

In addition to the public input received during the public hearings on the composition of the City's yet-to-be-formed voting districts, the following state and federally-mandated criteria will be used:

#### Legal Requirements:

1. Each council district shall contain a nearly equal population as required by law; and
2. Each council district shall be drawn in a manner that complies with the Federal Voting Rights Act. No council district shall be drawn with race as the predominate factor in violation of the principles established by the United States Supreme Court in *Shaw v. Reno*, 509 U.S. 630 (1993), and its progeny.

In addition to the legal criteria above, the following optional criteria may be used in the development of the districts.

#### Traditional Districting Principles:

(numbering is for ease of reference and does not indicate priority)

3. Each council district shall consist of contiguous territory in as compact a form as possible.
4. Each council district shall respect communities of interest, such as school- and park-connected neighborhoods, rural or urban populations, city planning areas, social interests, agricultural, industrial or service industry interests, or other locally-recognized definitions of communities and neighborhoods, insofar as practicable.
5. Each council district border shall follow visible natural and man-made geographical and topographical features follow visible natural and man-made features, including mountains, flat land, forest lands, highways, canals, etc., insofar as practicable.
6. Each council district shall respect the previous choices of voters by avoiding the creation of head-to-head contests between Council Members previously elected by the voters, insofar as this does not conflict with Federal or State Law.

The City's demographic consultant, NDC, has prepared several draft district maps and sequences of elections for City Council consideration. Members of the public have also submitted their own draft district maps and sequences of elections for City Council consideration. The purpose of this public hearing is to receive a report from NDC regarding all the submitted draft district maps and receive public input on this process. These draft maps and the accompanying population and demographic data are available on the City's website [www.ImperialBeachCA.gov](http://www.ImperialBeachCA.gov).

The deadline for members of the public to submit their own draft district maps prior to this meeting was October 8, 2018. The City posted the maps for tonight's consideration on October 10, 2018 on the City's website and in the following locations: City Hall and the Imperial Beach Branch Library. After the deadline, NDC received ten (10) draft district maps from members of the public. Those draft district maps submitted after the initial deadline will also be available on the project website [www.ImperialBeachCA.gov](http://www.ImperialBeachCA.gov). The City Council is not being asked to consider those late draft maps at this time. City Council consideration of those draft maps will occur at the November 7, 2018, City Council meeting.

#### Remaining Public Hearings Required

Pursuant to Elections Code section 10010, the City Council must hold at least two public hearings on the draft district maps before introducing an ordinance to formally adopt a district map and sequence of elections and transitioning to district-based elections. Tonight's public hearing completes the first of the two public hearings, and the next public hearing is scheduled for November 7, 2018. All draft district maps must be available to the public seven days prior to consideration at a public hearing. If the City Council amends one of the draft district maps at one of the required public hearings, the revised district map must be available to the public seven days prior to the next public hearing. The deadline for members of the public to submit draft district maps prior to the November 7, 2018, public hearing will be October 29, 2018, so NDC can post them to the project website and meet the seven-day posting requirement. Members of the public can go to [www.ImperialBeachCA.gov](http://www.ImperialBeachCA.gov) to find more information regarding draft district maps and the transition to district-based elections.

After the two required public hearings, the City Council may select a district map for implementation by introducing the proposed ordinance to change to a district election at the City Council meeting of November 7, 2018. The second reading and adoption of the ordinance is scheduled for December 5, 2018.

#### **CEQA COMPLIANCE STATEMENT:**

Not a project as defined by CEQA.

#### **ENVIRONMENTAL DETERMINATION:**

Not a project as defined by CEQA.

#### Attachments:

1. Resolution No. 2018-7963
2. Draft District Maps

**RESOLUTION 2018-7963**

**A RESOLUTION OF THE CITY OF IMPERIAL BEACH CITY COUNCIL, DECLARING ITS INTENT TO TRANSITION FROM AT-LARGE TO DISTRICT-BASED COUNCIL MEMBER ELECTIONS, OUTLINING SPECIFIC STEPS TO BE UNDERTAKEN TO FACILITATE THE TRANSITION AND ESTIMATING A TIME FRAME FOR ACTION**

**WHEREAS**, the members of the City Council of the City of Imperial Beach ("City") are currently elected in "at-large" elections, in which each City Council member is elected by the registered voters of the entire City and serves a four-year term; and

**WHEREAS**, California Government Code Section 34886, in certain circumstances, authorizes the legislative body of a city to adopt an ordinance to change its method of election from an "at-large" to "district-based" in which each council member is elected only by the voters residing in the district in which the candidate resides; and

**WHEREAS**, the City received a certified letter on August 6, 2018, from the law firm of Shenkman & Hughes, asserting that the City's electoral system violates the California Voting Rights Act ("CVRA") and threatening litigation if the City declines to change voluntarily to a district-based election system for electing council members; and

**WHEREAS**, the California Legislature, in amendments to Elections Code section 10010, has provided a method whereby a jurisdiction can change to a by-district election system and be protected from litigation under the CVRA; and

**WHEREAS**, changing to a district-based electoral system pursuant to Elections Code section 10010 would avoid the extraordinary cost to defend against a CVRA lawsuit; and

**WHEREAS**, the timeline set forth in Elections Code section 10010 does not permit the City to implement by-district elections at the November 6, 2018 City Council elections; and

**WHEREAS**, the City has not included in its current budget funds to implement a process pursuant to Elections Code section 10010.

**NOW, THEREFORE, BE IT RESOLVED**, the City Council of the City of Imperial Beach, California, does resolve as follows:

1. The City shall consider an ordinance to change to a district-based election system for use in the City's General Municipal Election for City Council Members beginning in November 2020.

2. The City Council directs the City Manager and City Attorney to retain a demographer and other appropriate consultants as needed, to provide a detailed analysis of the City's current demographics and any other information or data necessary to prepare a draft map that divides the City into voting districts in a manner consistent with the intent and purpose of the California Voting Rights Act and the Federal Voting Rights Act.

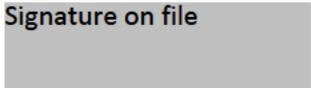
3. The City Council approves the tentative timeline set forth in Exhibit A, attached to and made a part of this resolution, for conducting a public process pursuant to Elections Code section 10010, and directs staff to further develop the timeline with specific meeting and public hearing dates to accommodate the schedules of all City Council persons and budgetary considerations; provided, however, that the detailed timeline shall not prevent the City from establishing by-district elections in time for the 2020 City Council elections.

4. The City Council delegates to the City Manager to develop and institute a program to inform the residents of Imperial Beach of this resolution and the process set forth in Exhibit A and to facilitate and encourage public participation.

5. The City Council reserves the right to repeal this resolution or re-establish at-large elections in accordance with law should the CVRA be declared illegal, or as may be in the best interests of the City.

**PASSED AND ADOPTED** this 19<sup>th</sup> day of September, 2018, at a regular meeting of the City Council of the City of Imperial Beach, California by the following vote:

**AYES: COUNCILMEMBERS: BRAGG, SPRIGGS, PATTON, WEST, DEDINA**  
**NOES: COUNCILMEMBERS: NONE**  
**ABSENT: COUNCILMEMBERS: NONE**

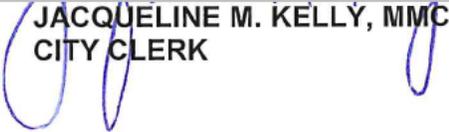
Signature on file  


**SERGE DEDINA, MAYOR**

**ATTEST:**

Signature on file  


**JACQUELINE M. KELLY, MMC**  
**CITY CLERK**



**EXHIBIT A**

**TENTATIVE TIMELINE: IMPLEMENTATION OF "DISTRICT-BASED" ELECTION METHOD**

DATE	EVENT	COMMENT
September 19, 2018	Resolution of Intention:  City Council adopts Resolution declaring its intention to transition from at-large to district-based elections.	<b>CVRA Action cannot be commenced for 90 days.</b>
TBD	Public Outreach	NO MAPS YET DRAWN
TBD	1st Public Hearing	Re: Composition of Districts NO MAPS YET DRAWN
TBD	2nd Public Hearing	Re: Composition of Districts NO MAPS YET DRAWN
After 2 <sup>nd</sup> Public Hearing	Maps can be drawn	
TBD	Publish Draft Maps and Potential Sequence of Elections	
Tentative Date: October 17, 2018 City Council Meeting	3rd Public Hearing	Re: Draft Maps
TBD	Publish Any Amended Maps and Any Maps Received from Members of the Public and Potential Sequence of Elections	

Tentative Date: November 7, 2018 City Council Meeting	4th Public Hearing Introduce ordinance establishing district elections, adopting district boundaries, and setting election sequence	Re: Draft Maps
Tentative Date: December 5, 2018 City Council Meeting	5th Public Hearing 2nd reading of ordinance establishing district elections: approval or defeat of ordinance	
<b>December 18, 2018</b>	<b>Day 90</b>	<b>2nd Safe Harbor period ends</b>
May 15, 2020	Approximate deadline for presentation of new district boundaries to San Diego County Registrar of Voters	
November 5, 2020	First election using new district-based election system	

## **ITEM NO. 4.2**

### **ATTACHMENT 2 - MAPS** - (Click on desired map to view or scroll through to desired map)

#### **NDC-DRAWN MAPS, WHICH DREW FROM THE COMMENTS AND MAP SUBMISSIONS FROM THE PUBLIC:**

1. NDC Horizontal
2. NDC Quadrants
3. NDC Blended

#### **CONTIGUOUS, POPULATION-BALANCED MAPS FROM THE PUBLIC:**

1. McKay 2
2. Rivero-Frink 1
3. Rose 1 (Diane Rose submitted two maps and asked that NDC population balanced them, which in both cases took some significant changes)
4. Rose 2 (see note above)

#### **NOT CONTIGUOUS MAPS FROM THE PUBLIC:**

1. Brillhart 1
2. Frink 1
3. Pilgrim 1

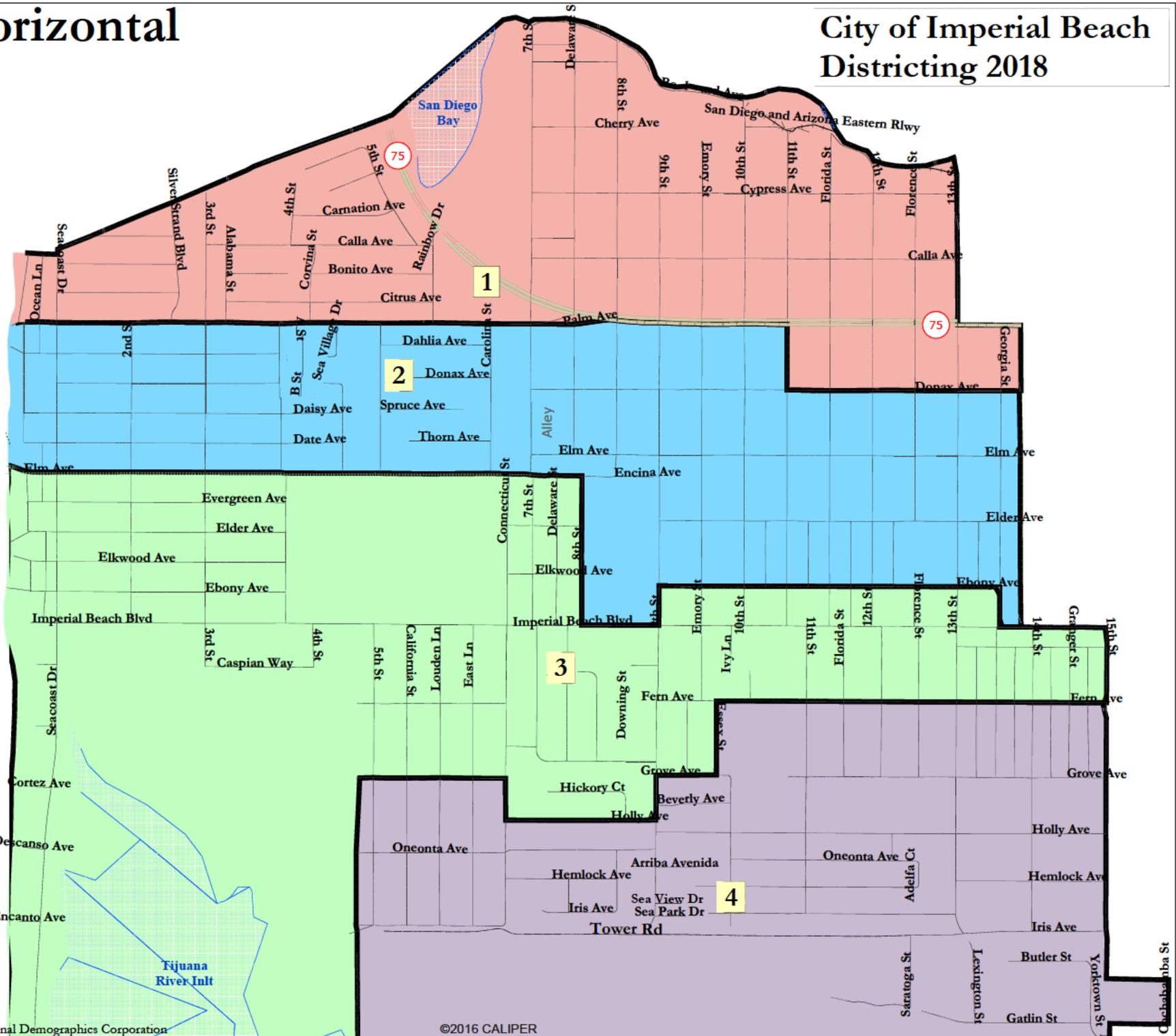
#### **CONTIGUOUS BUT NOT POPULATION BALANCED MAPS FROM THE PUBLIC:**

1. McKay 1
2. Pilgrim 2
3. Whitehead 1

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# NDC Horizontal

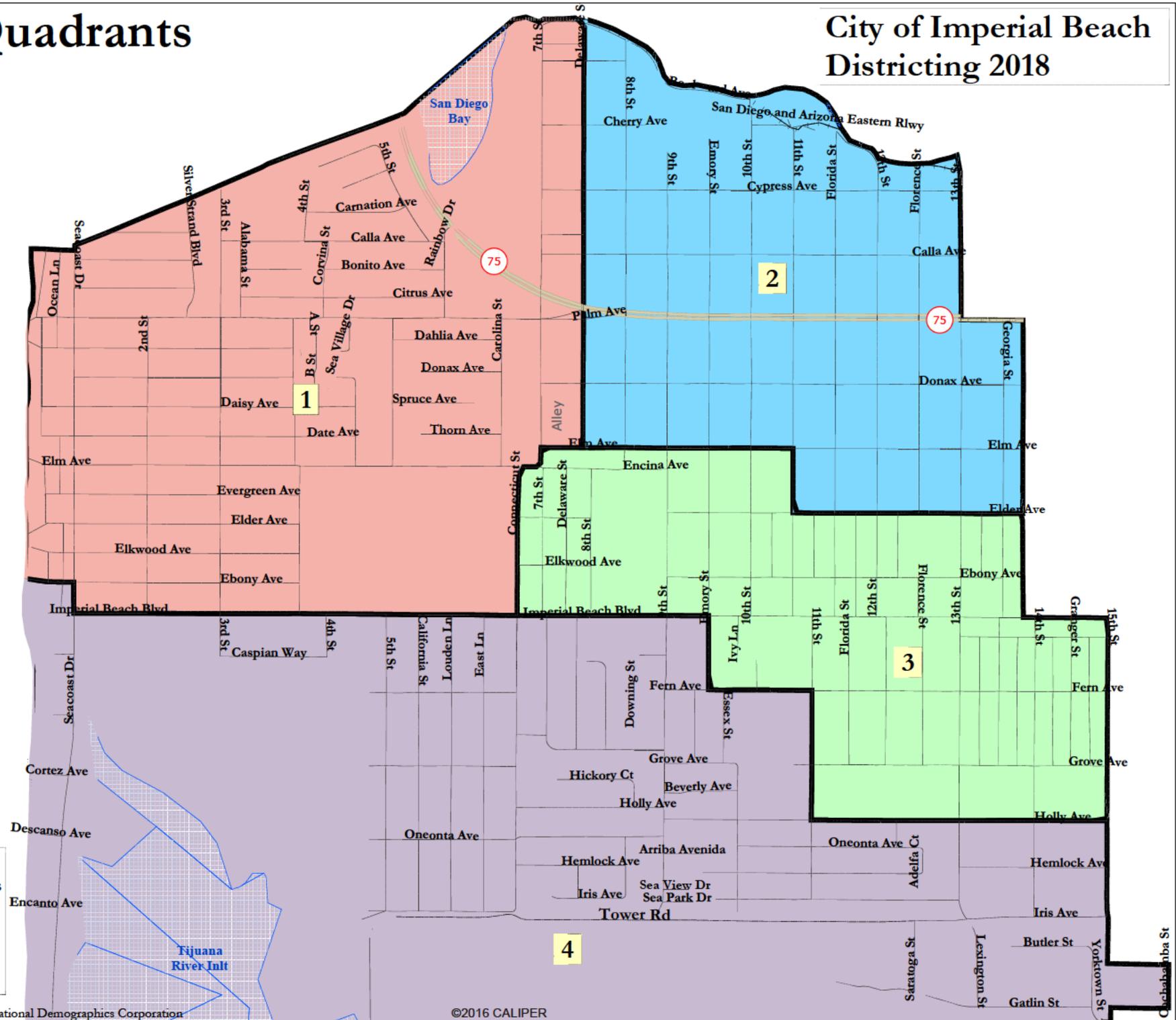
## City of Imperial Beach Districting 2018



City of Imperial Beach - NDC Horizontal						
District		1	2	3	4	Total
Ideal	Total Pop	6,597	6,593	6,565	6,569	26,324
6,581	Deviation from ideal	16	12	-16	-12	32
	% Deviation	0.24%	0.18%	-0.24%	-0.18%	0.49%
Total Pop	% Hisp	53%	49%	44%	50%	49%
	% NH White	34%	38%	42%	29%	36%
	% NH Black	4%	4%	3%	7%	4%
	% Asian-American	6%	6%	7%	11%	8%
Citizen Voting Age Pop	Total	4,310	4,920	4,110	4,008	17,347
	% Hisp	50%	38%	34%	44%	41%
	% NH White	36%	50%	50%	37%	44%
	% NH Black	6%	5%	4%	7%	5%
	% Asian/Pac Isl	7%	5%	9%	12%	8%
Voter Registration (Nov 2016)	Total	2,837	3,163	3,245	2,914	12,159
	% Latino est	47%	42%	36%	47%	43%
	% Spanish-Surnamed	42%	37%	33%	43%	38%
	% Asian-Surnamed	1%	1%	1%	1%	1%
	% Filipino-Surnamed	2%	2%	2%	3%	2%
	% NH White est	44%	50%	57%	42%	49%
% NH Black	6%	5%	3%	5%	5%	
Voter Turnout (Nov 2016)	Total	2,040	2,314	2,392	2,023	8,769
	% Latino est	43%	40%	34%	45%	40%
	% Spanish-Surnamed	39%	36%	30%	40%	36%
	% Asian-Surnamed	1%	1%	1%	1%	1%
	% Filipino-Surnamed	2%	2%	2%	3%	2%
	% NH White est	47%	52%	60%	45%	51%
% NH Black	6%	5%	3%	4%	5%	
Voter Turnout (Nov 2014)	Total	1,005	1,218	1,310	920	4,453
	% Latino est	32%	30%	25%	29%	29%
	% Spanish-Surnamed	29%	27%	23%	26%	26%
	% Asian-Surnamed	1%	0%	0%	1%	1%
	% Filipino-Surnamed	1%	2%	2%	4%	2%
	% NH White est	61%	64%	71%	61%	65%
% NH Black est	4%	3%	2%	5%	4%	
ACS Pop Est	Total	6,987	6,605	6,610	6,979	27,181
Age	age0-19	30%	27%	26%	30%	28%
	age20-60	57%	56%	56%	58%	57%
	age60plus	13%	17%	18%	13%	15%
Immigration	immigrants	22%	20%	20%	24%	22%
	naturalized	54%	45%	42%	40%	45%
Language spoken at home	english	45%	59%	59%	45%	52%
	spanish	48%	32%	32%	46%	40%
	asian-lang	6%	7%	8%	8%	7%
	other lang	1%	2%	1%	1%	1%
Language Fluency	Speaks Eng "Less than Very Well"	18%	14%	14%	18%	16%
Education (among those age 25+)	hs-grad	61%	65%	65%	65%	64%
	bachelor	12%	12%	12%	10%	11%
	graduatedegree	4%	7%	8%	4%	6%
Child in Household	child-under18	32%	28%	27%	40%	32%
Pct of Pop Age 16+	employed	60%	51%	49%	52%	53%
Household Income	income 0-25k	24%	22%	21%	25%	23%
	income 25-50k	34%	27%	27%	32%	30%
	income 50-75k	22%	18%	17%	20%	19%
	income 75-200k	16%	31%	33%	22%	26%
	income 200k-plus	4%	2%	2%	1%	3%
Housing Stats	single family	52%	60%	61%	55%	57%
	multi-family	48%	40%	39%	45%	43%
	rented	74%	66%	63%	76%	69%
	owned	26%	34%	37%	24%	31%
Total population data from the 2010 Decennial Census.						
Surname-based Voter Registration and Turnout data from the California Statewide Database.						
Latino voter registration and turnout data are Spanish-surname counts adjusted using Census Population Department undercount estimates. NH White and NH Black registration and turnout counts estimated by NDC. Citizen Voting Age Pop., Age, Immigration, and other demographics from the 2012-2016 American Community Survey and Special Tabulation 5-year data.						

# NDC Quadrants

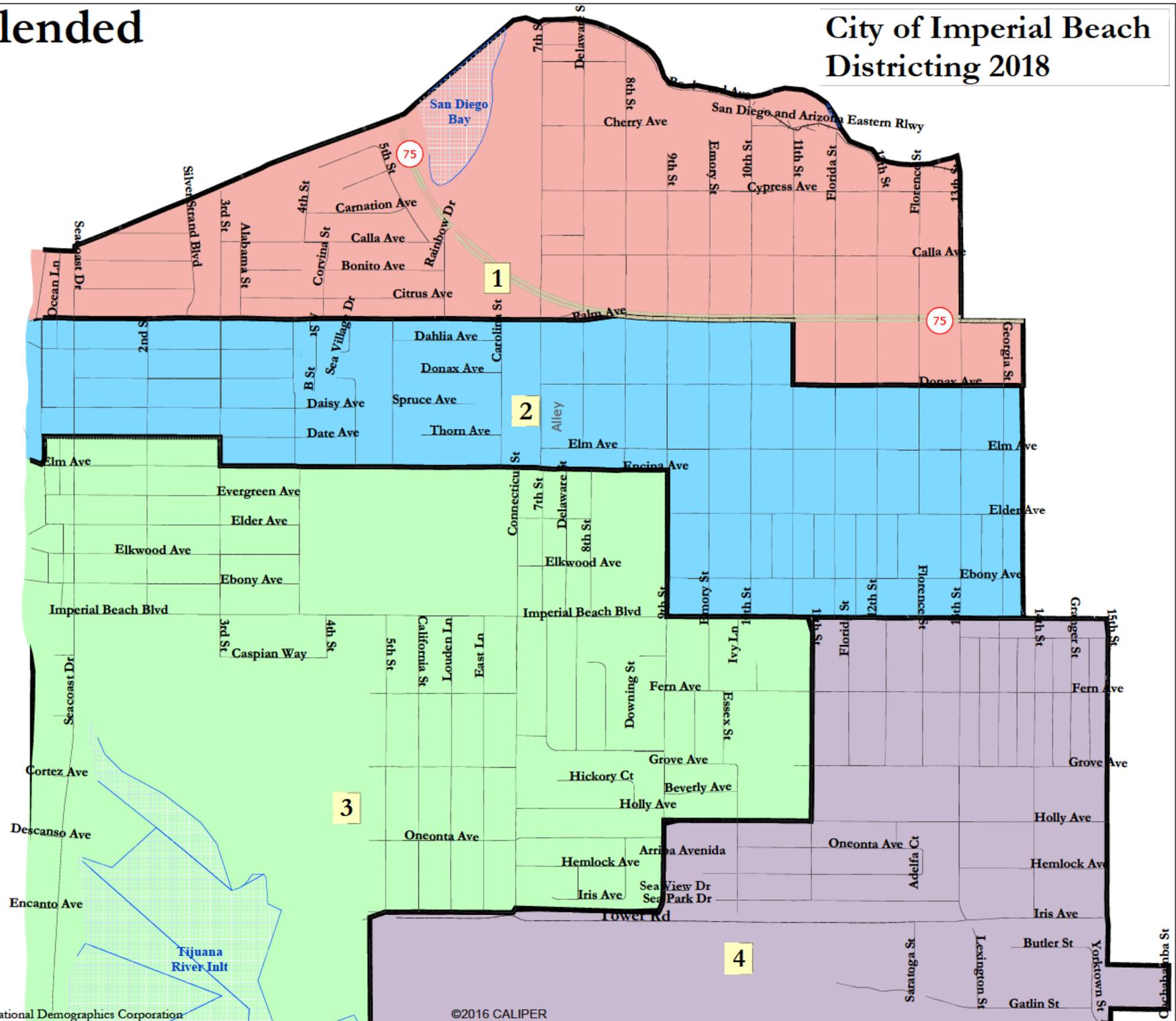
## City of Imperial Beach Districting 2018



City of Imperial Beach - NDC Quadrants						
District		1	2	3	4	Total
Ideal	Total Pop	6,622	6,568	6,559	6,575	26,324
6,581	Deviation from ideal	41	-13	-22	-6	63
	% Deviation	0.62%	-0.20%	-0.33%	-0.09%	0.96%
Total Pop	% Hisp	36%	60%	61%	40%	49%
	% NH White	53%	26%	24%	41%	36%
	% NH Black	3%	5%	4%	5%	4%
	% Asian-American	6%	7%	7%	11%	8%
Citizen Voting Age Pop	Total	5,353	4,089	3,809	4,097	17,347
	% Hisp	34%	53%	49%	33%	41%
	% NH White	56%	30%	36%	49%	44%
	% NH Black	3%	7%	6%	5%	5%
	% Asian/Pac Isl	5%	9%	8%	12%	8%
Voter Registration (Nov 2016)	Total	3,441	2,643	2,936	3,139	12,159
	% Latino est	31%	56%	53%	36%	43%
	% Spanish-Surnamed	27%	50%	47%	33%	38%
	% Asian-Surnamed	1%	1%	1%	1%	1%
	% Filipino-Surnamed	1%	2%	2%	3%	2%
	% NH White est	63%	33%	39%	55%	49%
	% NH Black	3%	8%	5%	3%	5%
Voter Turnout (Nov 2016)	Total	2,587	1,832	2,028	2,321	8,769
	% Latino est	27%	54%	51%	33%	40%
	% Spanish-Surnamed	25%	49%	46%	30%	36%
	% Asian-Surnamed	1%	1%	1%	1%	1%
	% Filipino-Surnamed	1%	2%	2%	3%	2%
	% NH White est	66%	34%	40%	59%	51%
	% NH Black	3%	8%	5%	3%	5%
Voter Turnout (Nov 2014)	Total	1,556	754	896	1,247	4,453
	% Latino est	20%	43%	44%	20%	29%
	% Spanish-Surnamed	18%	39%	40%	18%	26%
	% Asian-Surnamed	1%	1%	0%	0%	1%
	% Filipino-Surnamed	1%	2%	4%	3%	2%
	% NH White est	75%	48%	47%	75%	65%
	% NH Black est	3%	6%	5%	2%	4%
ACS Pop Est	Total	6,442	6,961	7,057	6,721	27,181
Age	age0-19	23%	32%	31%	27%	28%
	age20-60	57%	57%	57%	57%	57%
	age60plus	20%	11%	13%	16%	15%
Immigration	immigrants	15%	24%	25%	21%	22%
	naturalized	56%	49%	39%	41%	45%
Language spoken at home	english	67%	42%	44%	55%	52%
	spanish	27%	50%	46%	36%	40%
	asian-lang	5%	7%	9%	8%	7%
	other lang	1%	1%	1%	1%	1%
Language Fluency	Speaks Eng "Less than Very Well"	8%	20%	20%	15%	16%
Education (among those age 25+)	hs-grad	64%	62%	65%	65%	64%
	bachelor	13%	10%	11%	11%	11%
	graduatedegree	10%	2%	3%	7%	6%
Child in Household	child-under18	22%	36%	40%	31%	32%
Pct of Pop Age 16+	employed	50%	59%	53%	50%	53%
Household Income	income 0-25k	19%	25%	26%	22%	23%
	income 25-50k	29%	33%	29%	29%	30%
	income 50-75k	18%	22%	19%	18%	19%
	income 75-200k	30%	18%	25%	30%	26%
	income 200k-plus	5%	2%	1%	2%	3%
Housing Stats	single family	58%	49%	61%	60%	57%
	multi-family	42%	51%	39%	40%	43%
	rented	62%	79%	71%	67%	69%
	owned	38%	21%	29%	33%	31%
Total population data from the 2010 Decennial Census.						
Surname-based Voter Registration and Turnout data from the California Statewide Database.						
Latino voter registration and turnout data are Spanish-surname counts adjusted using Census Population Department undercount estimates. NH White and NH Black registration and turnout counts estimated by NDC. Citizen Voting Age Pop., Age, Immigration, and other demographics from the 2012-2016 American Community Survey and Special Tabulation 5-year data.						

# NDC Blended

## City of Imperial Beach Districting 2018



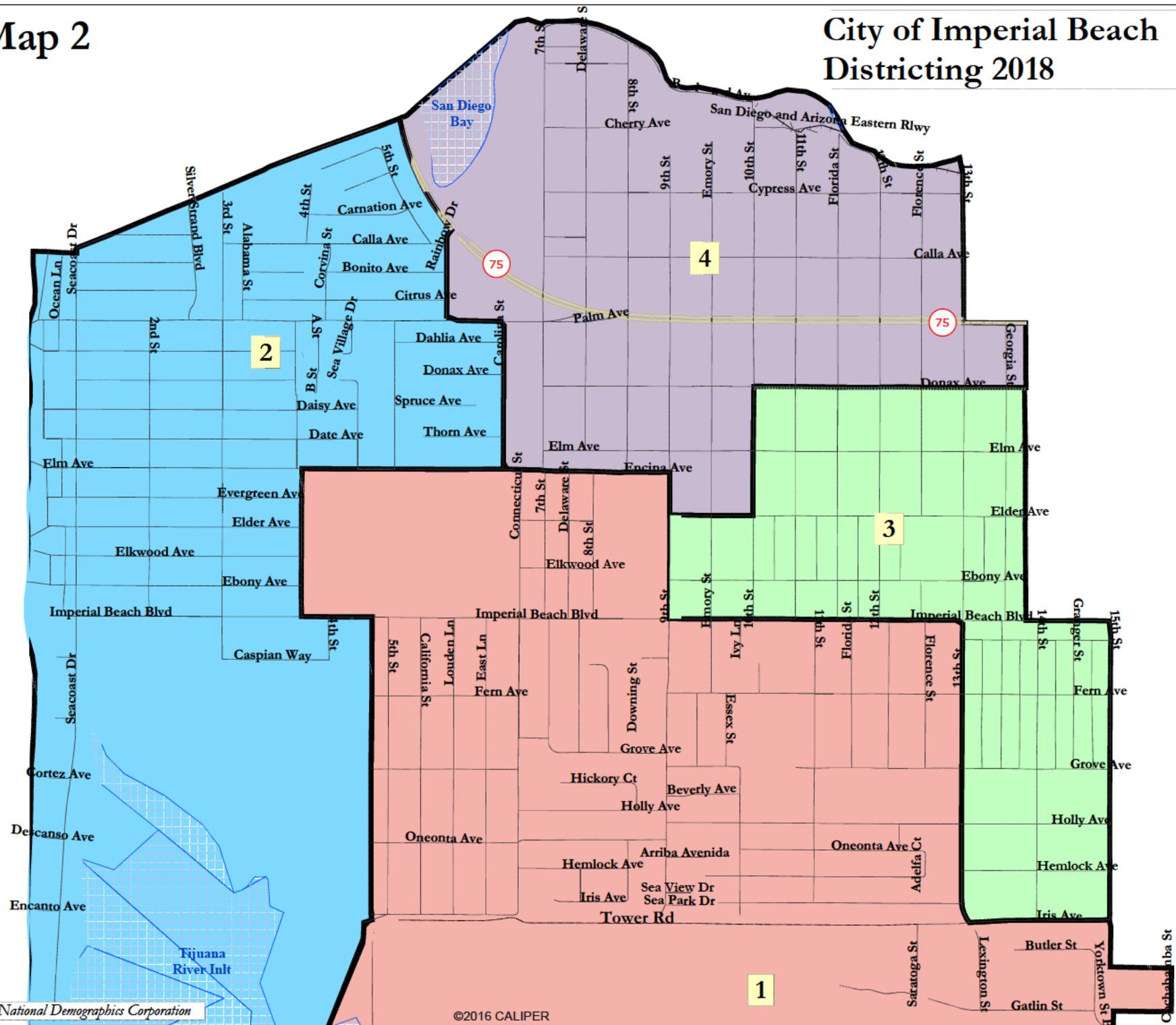
**Map layers**

- NDC Blended
- Water Area
- Railroad
- River
- Streets

City of Imperial Beach - NDC Blended						
District		1	2	3	4	Total
Ideal	Total Pop	6,597	6,575	6,626	6,526	26,324
6,581	Deviation from ideal	16	-6	45	-55	100
	% Deviation	0.24%	-0.09%	0.68%	-0.84%	1.52%
Total Pop	% Hisp	53%	51%	36%	56%	49%
	% NH White	34%	37%	49%	23%	36%
	% NH Black	4%	4%	3%	7%	4%
	% Asian-American	6%	6%	8%	11%	8%
Citizen Voting Age Pop	Total	4,310	4,877	4,223	3,937	17,347
	% Hisp	50%	40%	25%	52%	41%
	% NH White	36%	48%	59%	30%	44%
	% NH Black	6%	5%	3%	7%	5%
	% Asian/Pac Isl	7%	5%	10%	11%	8%
Voter Registration (Nov 2016)	Total	2,837	3,114	3,510	2,697	12,159
	% Latino est	47%	43%	31%	54%	43%
	% Spanish-Surnamed	42%	39%	28%	48%	38%
	% Asian-Surnamed	1%	1%	1%	1%	1%
	% Filipino-Surnamed	2%	2%	2%	2%	2%
	% NH White est	44%	49%	63%	35%	49%
	% NH Black	6%	5%	3%	6%	5%
Voter Turnout (Nov 2016)	Total	2,040	2,273	2,665	1,791	8,769
	% Latino est	43%	41%	29%	52%	40%
	% Spanish-Surnamed	39%	37%	26%	47%	36%
	% Asian-Surnamed	1%	1%	1%	1%	1%
	% Filipino-Surnamed	2%	2%	2%	3%	2%
	% NH White est	47%	51%	66%	37%	51%
	% NH Black	6%	5%	3%	5%	5%
Voter Turnout (Nov 2014)	Total	1,005	1,158	1,602	688	4,453
	% Latino est	32%	31%	20%	42%	29%
	% Spanish-Surnamed	29%	28%	18%	38%	26%
	% Asian-Surnamed	1%	0%	0%	1%	1%
	% Filipino-Surnamed	1%	2%	2%	5%	2%
	% NH White est	61%	63%	77%	45%	65%
	% NH Black est	4%	4%	1%	8%	4%
ACS Pop Est	Total	6,987	6,604	6,573	7,017	27,181
Age	age0-19	30%	28%	25%	31%	28%
	age20-60	57%	56%	56%	58%	57%
	age60plus	13%	16%	20%	11%	15%
Immigration	immigrants	22%	20%	20%	24%	22%
	naturalized	54%	45%	42%	40%	45%
Language spoken at home	english	45%	58%	63%	42%	52%
	spanish	48%	33%	27%	50%	40%
	asian-lang	6%	7%	8%	7%	7%
	other lang	1%	2%	1%	1%	1%
Language Fluency	Speaks Eng "Less than Very Well"	18%	14%	13%	19%	16%
Education (among those age 25+)	hs-grad	61%	65%	65%	66%	64%
	bachelor	12%	12%	12%	9%	11%
	graduatedegree	4%	6%	10%	2%	6%
Child in Household	child-under18	32%	29%	24%	43%	32%
Pct of Pop Age 16+	employed	60%	51%	48%	53%	53%
Household Income	income 0-25k	24%	22%	21%	25%	23%
	income 25-50k	34%	27%	25%	34%	30%
	income 50-75k	22%	18%	15%	22%	19%
	income 75-200k	16%	30%	36%	19%	26%
	income 200k-plus	4%	2%	2%	1%	3%
Housing Stats	single family	52%	59%	64%	52%	57%
	multi-family	48%	41%	36%	48%	43%
	rented	74%	67%	59%	80%	69%
	owned	26%	33%	41%	20%	31%
Total population data from the 2010 Decennial Census.						
Surname-based Voter Registration and Turnout data from the California Statewide Database.						
Latino voter registration and turnout data are Spanish-surname counts adjusted using Census Population Department undercount estimates. NH White and NH Black registration and turnout counts estimated by NDC. Citizen Voting Age Pop., Age, Immigration, and other demographics from the 2012-2016 American Community Survey and Special Tabulation 5-year data.						

# McKay Map 2

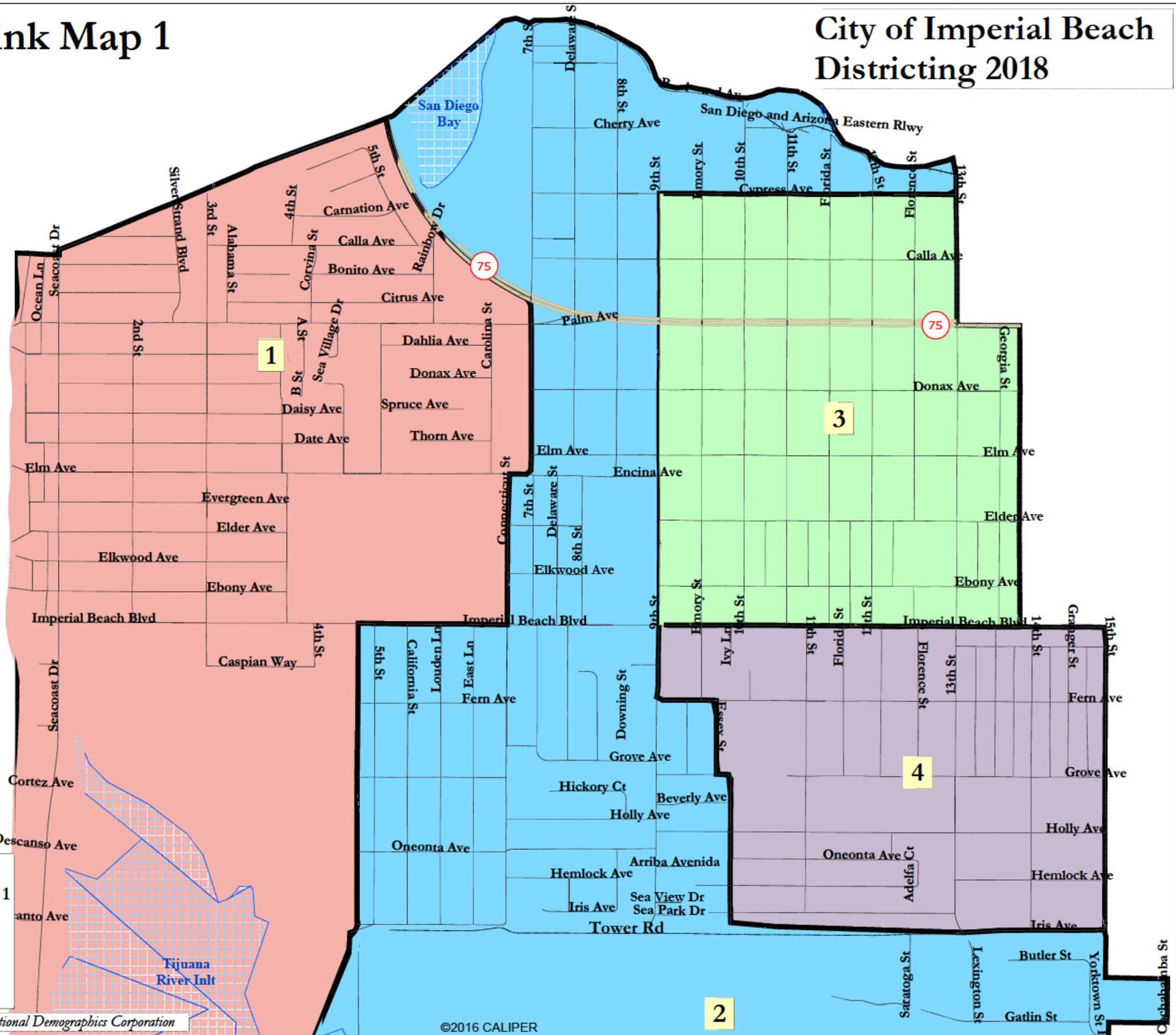
# City of Imperial Beach Districting 2018



City of Imperial Beach - McKay Map 2						
District		1	2	3	4	Total
Ideal	Total Pop	6,933	6,325	6,584	6,482	26,324
	Deviation from ideal	352	-256	3	-99	608
6,581	% Deviation	5.35%	-3.89%	0.05%	-1.50%	9.24%
	% Hisp	45%	32%	61%	58%	49%
Total Pop	% NH White	36%	57%	23%	29%	36%
	% NH Black	5%	3%	5%	5%	4%
	% Asian-American	10%	6%	8%	6%	8%
	Total	4,074	4,931	4,167	4,175	17,347
Citizen Voting Age Pop	% Hisp	32%	29%	52%	56%	41%
	% NH White	52%	60%	31%	29%	44%
	% NH Black	4%	2%	8%	7%	5%
	% Asian/Pac Isl	11%	6%	9%	8%	8%
	Total	3,492	3,304	2,736	2,627	12,159
Voter Registration (Nov 2016)	% Latino est	39%	27%	57%	53%	43%
	% Spanish-Surnamed	35%	24%	51%	47%	38%
	% Asian-Surnamed	1%	1%	1%	1%	1%
	% Filipino-Surnamed	3%	1%	2%	2%	2%
	% NH White est	54%	67%	32%	36%	49%
	% NH Black	2%	3%	8%	8%	5%
Voter Turnout (Nov 2016)	Total	2,618	2,497	1,816	1,837	8,769
	% Latino est	37%	24%	56%	50%	40%
	% Spanish-Surnamed	33%	22%	51%	45%	36%
	% Asian-Surnamed	1%	1%	1%	1%	1%
	% Filipino-Surnamed	3%	1%	2%	2%	2%
	% NH White est	57%	70%	32%	38%	51%
Voter Turnout (Nov 2014)	% NH Black	2%	3%	8%	8%	5%
	Total	1,447	1,501	723	782	4,453
	% Latino est	27%	18%	45%	38%	29%
	% Spanish-Surnamed	24%	16%	40%	34%	26%
	% Asian-Surnamed	0%	1%	0%	1%	1%
	% Filipino-Surnamed	4%	1%	3%	2%	2%
ACS Pop Est	% NH White est	68%	78%	45%	52%	65%
	% NH Black est	1%	2%	8%	6%	4%
	Total	7,262	6,007	7,005	6,907	27,181
	age0-19	28%	21%	31%	32%	28%
	age20-60	56%	57%	57%	57%	57%
	age60plus	16%	21%	11%	12%	15%
Immigration	immigrants	24%	13%	24%	25%	22%
	naturalized	39%	57%	41%	51%	45%
Language spoken at home	english	52%	73%	45%	41%	52%
	spanish	38%	21%	46%	51%	40%
	asian-lang	9%	4%	7%	7%	7%
	other lang	1%	2%	2%	1%	1%
Language Fluency	Speaks Eng "Less than Very Well"	18%	6%	19%	20%	16%
Education (among those age 25+)	hs-grad	65%	65%	65%	62%	64%
	bachelor	11%	13%	11%	10%	11%
	graduatedegree	6%	12%	2%	3%	6%
Child in Household	child-under18	35%	19%	41%	35%	32%
Pct of Pop Age 16+	employed	51%	48%	54%	60%	53%
Household Income	income 0-25k	25%	18%	25%	25%	23%
	income 25-50k	27%	28%	31%	34%	30%
	income 50-75k	17%	16%	21%	22%	19%
	income 75-200k	30%	34%	21%	17%	26%
	income 200k-plus	1%	4%	1%	2%	3%
Housing Stats	single family	66%	60%	55%	48%	57%
	multi-family	34%	40%	45%	52%	43%
	rented	64%	60%	76%	78%	69%
	owned	36%	40%	24%	22%	31%
Total population data from the 2010 Decennial Census.						
Surname-based Voter Registration and Turnout data from the California Statewide Database.						
Latino voter registration and turnout data are Spanish-surname counts adjusted using Census Population Department undercount estimates. NH White and NH Black registration and turnout counts estimated by NDC. Citizen Voting Age Pop., Age, Immigration, and other demographics from the 2012-2016 American Community Survey and Special Tabulation 5-year data.						

# Rivero Frink Map 1

# City of Imperial Beach Districting 2018

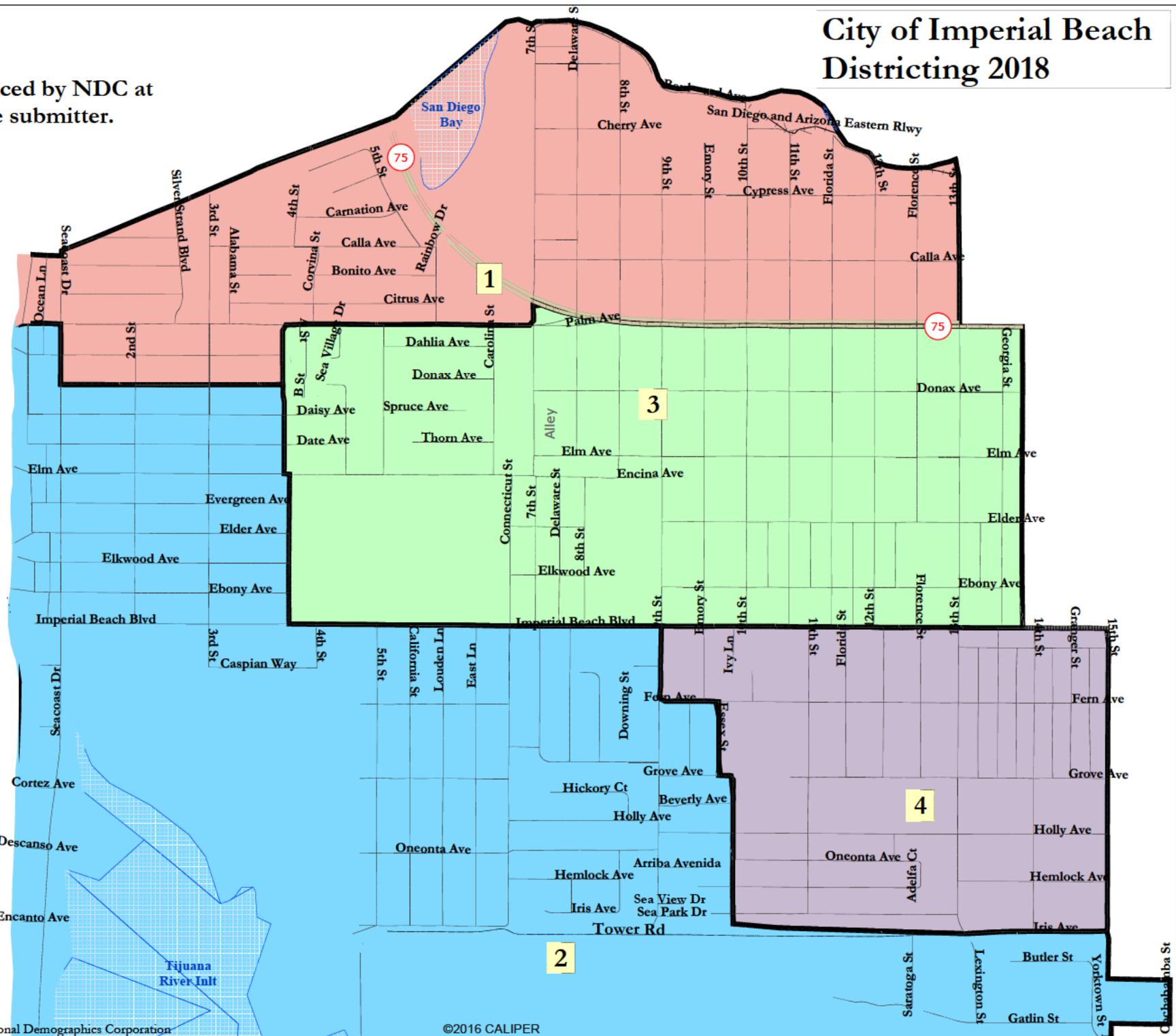


City of Imperial Beach - Rivero-Frink Map 1							
District		1	2	3	4	Total	
	Ideal	Total Pop	6,693	6,263	6,760	6,608	26,324
	6,581	Deviation from ideal	112	-318	179	27	497
		% Deviation	1 70%	-4 83%	2 72%	0 41%	7 55%
	Total Pop	% Hisp	33%	43%	62%	57%	49%
		% NH White	56%	42%	24%	23%	36%
		% NH Black	3%	5%	4%	5%	4%
		% Asian-American	6%	7%	6%	11%	8%
	Citizen Voting Age Pop	Total	5,264	3,949	4,209	3,926	17,347
		% Hisp	31%	35%	51%	51%	41%
		% NH White	59%	49%	32%	30%	44%
		% NH Black	2%	7%	7%	5%	5%
		% Asian/Pac Isl	6%	7%	9%	12%	8%
	Voter Registration (Nov 2016)	Total	3,494	3,174	2,743	2,748	12,159
		% Latino est	27%	39%	55%	55%	43%
		% Spanish-Surnamed	25%	35%	49%	49%	38%
		% Asian-Surnamed	1%	1%	1%	1%	1%
		% Filipino-Surnamed	1%	3%	2%	2%	2%
		% NH White est	67%	51%	35%	37%	49%
		% NH Black	3%	4%	7%	6%	5%
	Voter Turnout (Nov 2016)	Total	2,645	2,365	1,925	1,834	8,769
		% Latino est	25%	36%	53%	53%	40%
		% Spanish-Surnamed	22%	32%	48%	48%	36%
		% Asian-Surnamed	1%	1%	1%	1%	1%
		% Filipino-Surnamed	1%	3%	2%	2%	2%
		% NH White est	70%	54%	36%	38%	51%
		% NH Black	3%	4%	7%	6%	5%
	Voter Turnout (Nov 2014)	Total	1,593	1,319	809	732	4,453
		% Latino est	18%	25%	43%	43%	29%
		% Spanish-Surnamed	16%	22%	39%	39%	26%
		% Asian-Surnamed	1%	0%	0%	1%	1%
		% Filipino-Surnamed	1%	2%	3%	4%	2%
		% NH White est	78%	70%	48%	45%	65%
		% NH Black est	2%	2%	5%	7%	4%
	ACS Pop Est	Total	6,364	6,499	7,125	7,193	27,181
	Age	age0-19	21%	29%	32%	31%	28%
		age20-60	57%	56%	56%	58%	57%
		age60plus	21%	15%	12%	11%	15%
	Immigration	immigrants	13%	23%	24%	26%	22%
		naturalized	57%	45%	47%	39%	45%
	Language spoken at home	english	73%	51%	45%	40%	52%
		spanish	21%	39%	46%	51%	40%
		asian-lang	4%	9%	7%	8%	7%
		other lang	2%	1%	2%	1%	1%
	Language Fluency	Speaks Eng "Less than Very Well"	6%	18%	19%	20%	16%
	Education (among those age 25+)	hs-grad	65%	64%	63%	65%	64%
		bachelor	13%	11%	11%	10%	11%
		graduatedegree	12%	6%	3%	2%	6%
	Child in Household	child-under18	19%	33%	36%	42%	32%
	Pct of Pop Age 16+	employed	48%	54%	57%	54%	53%
	Household Income	income 0-25k	18%	25%	25%	25%	23%
		income 25-50k	28%	29%	31%	33%	30%
		income 50-75k	16%	19%	21%	21%	19%
		income 75-200k	34%	26%	21%	21%	26%
		income 200k-plus	5%	2%	2%	1%	3%
	Housing Stats	single family	60%	60%	54%	55%	57%
		multi-family	40%	40%	46%	45%	43%
		rented	59%	68%	75%	77%	69%
		owned	41%	32%	25%	23%	31%
Total population data from the 2010 Decennial Census.							
Surname-based Voter Registration and Turnout data from the California Statewide Database.							
Latino voter registration and turnout data are Spanish-surname counts adjusted using Census Population Department undercount estimates. NH White and NH Black registration and turnout counts estimated by NDC. Citizen Voting Age Pop., Age, Immigration, and other demographics from the 2012-2016 American Community Survey and Special Tabulation 5-year data.							

# Rose 1

Population balanced by NDC at the request of the submitter.

## City of Imperial Beach Districting 2018



### City of Imperial Beach - Rose 1 Balanced

District		1	2	3	4	Total
Ideal	Total Pop	6,544	6,668	6,504	6,608	26,324
6,581	Deviation from ideal	-37	87	-77	27	164
	% Deviation	-0.56%	1.32%	-1.17%	0.41%	2.49%
Total Pop	% Hisp	51%	34%	54%	57%	49%
	% NH White	37%	52%	32%	23%	36%
	% NH Black	4%	4%	4%	5%	4%
	% Asian-American	5%	7%	7%	11%	8%
Citizen Voting Age Pop	Total	4,245	4,620	4,557	3,926	17,347
	% Hisp	47%	25%	44%	51%	41%
	% NH White	41%	60%	41%	30%	44%
	% NH Black	5%	4%	7%	5%	5%
	% Asian/Pac Isl	6%	8%	7%	12%	8%
Voter Registration (Nov 2016)	Total	2,854	3,434	3,123	2,748	12,159
	% Latino est	44%	29%	47%	55%	43%
	% Spanish-Surnamed	39%	26%	42%	49%	38%
	% Asian-Surnamed	1%	1%	1%	1%	1%
	% Filipino-Surnamed	2%	2%	2%	2%	2%
	% NH White est	47%	64%	44%	37%	49%
	% NH Black	6%	2%	6%	6%	5%
Voter Turnout (Nov 2016)	Total	2,073	2,594	2,268	1,834	8,769
	% Latino est	40%	26%	45%	53%	40%
	% Spanish-Surnamed	36%	23%	41%	48%	36%
	% Asian-Surnamed	1%	1%	1%	1%	1%
	% Filipino-Surnamed	2%	2%	3%	2%	2%
	% NH White est	51%	67%	45%	38%	51%
	% NH Black	6%	2%	6%	6%	5%
Voter Turnout (Nov 2014)	Total	1,051	1,518	1,152	732	4,453
	% Latino est	30%	17%	35%	43%	29%
	% Spanish-Surnamed	27%	15%	31%	39%	26%
	% Asian-Surnamed	1%	0%	0%	1%	1%
	% Filipino-Surnamed	1%	2%	3%	4%	2%
	% NH White est	65%	80%	58%	45%	65%
	% NH Black est	3%	2%	4%	7%	4%
ACS Pop Est	Total	6,848	6,424	6,716	7,193	27,181
Age	age0-19	29%	23%	29%	31%	28%
	age20-60	57%	56%	56%	58%	57%
	age60plus	14%	20%	15%	11%	15%
Immigration	immigrants	21%	17%	22%	26%	22%
	naturalized	54%	46%	43%	39%	45%
Language spoken at home	english	48%	68%	52%	40%	52%
	spanish	45%	24%	38%	51%	40%
	asian-lang	6%	7%	8%	8%	7%
	other lang	1%	1%	2%	1%	1%
Language Fluency	Speaks Eng "Less than Very Well"	16%	10%	17%	20%	16%
Education (among those age 25+)	hs-grad	62%	66%	64%	65%	64%
	bachelor	12%	12%	12%	10%	11%
	graduatedegree	5%	11%	5%	2%	6%
Child in Household	child-under18	31%	22%	33%	42%	32%
Pct of Pop Age 16+	employed	59%	47%	53%	54%	53%
Household Income	income 0-25k	23%	19%	24%	25%	23%
	income 25-50k	33%	27%	27%	33%	30%
	income 50-75k	21%	16%	18%	21%	19%
	income 75-200k	18%	36%	28%	21%	26%
	income 200k-plus	4%	2%	2%	1%	3%
Housing Stats	single family	53%	60%	61%	55%	57%
	multi-family	47%	40%	39%	45%	43%
	rented	72%	61%	67%	77%	69%
	owned	28%	39%	33%	23%	31%

Total population data from the 2010 Decennial Census.

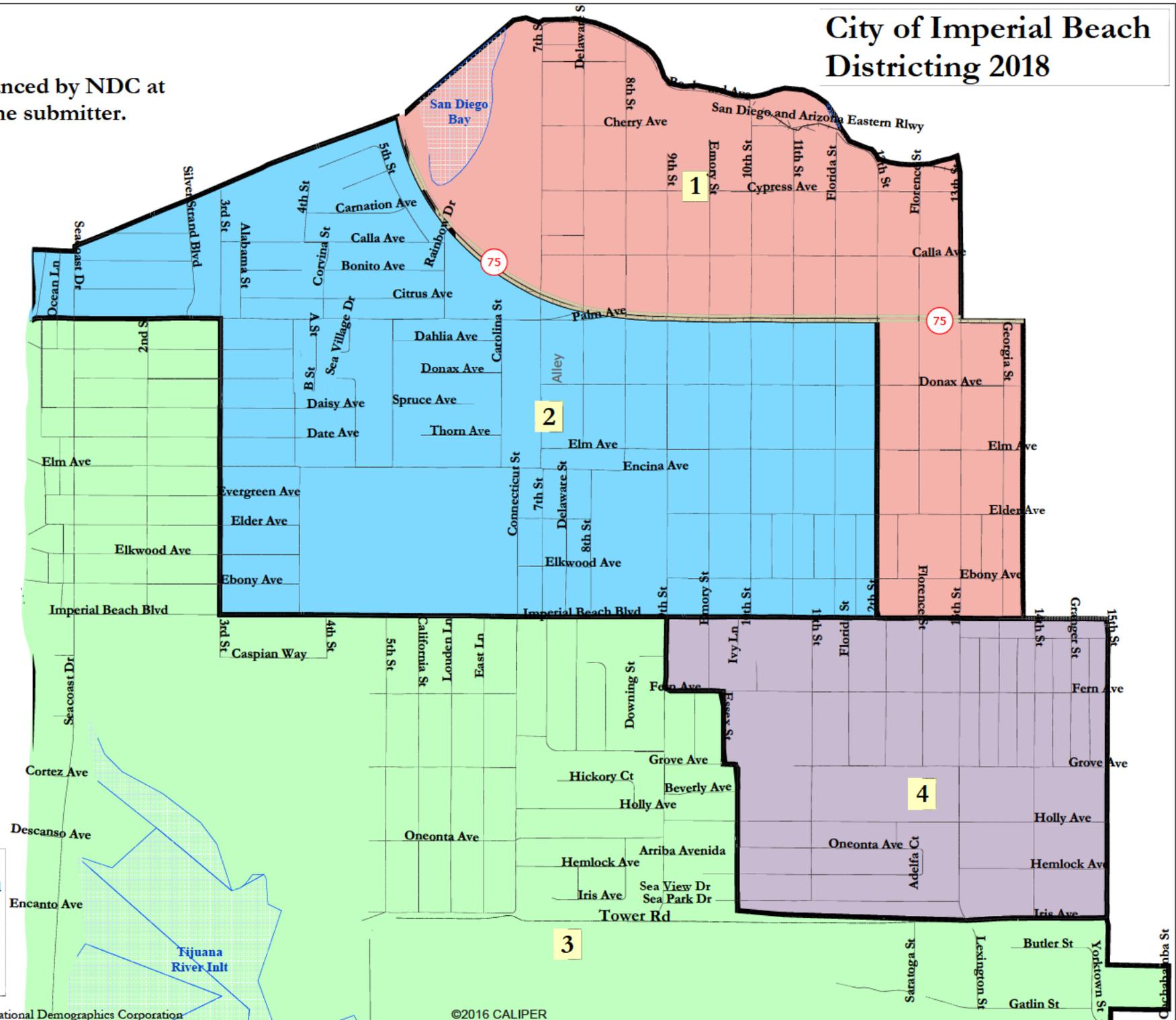
Surname-based Voter Registration and Turnout data from the California Statewide Database.

Latino voter registration and turnout data are Spanish-surname counts adjusted using Census Population Department undercount estimates. NH White and NH Black registration and turnout counts estimated by NDC. Citizen Voting Age Pop., Age, Immigration, and other demographics from the 2012-2016 American Community Survey and Special Tabulation 5-year data.

# Rose 2

Population balanced by NDC at the request of the submitter.

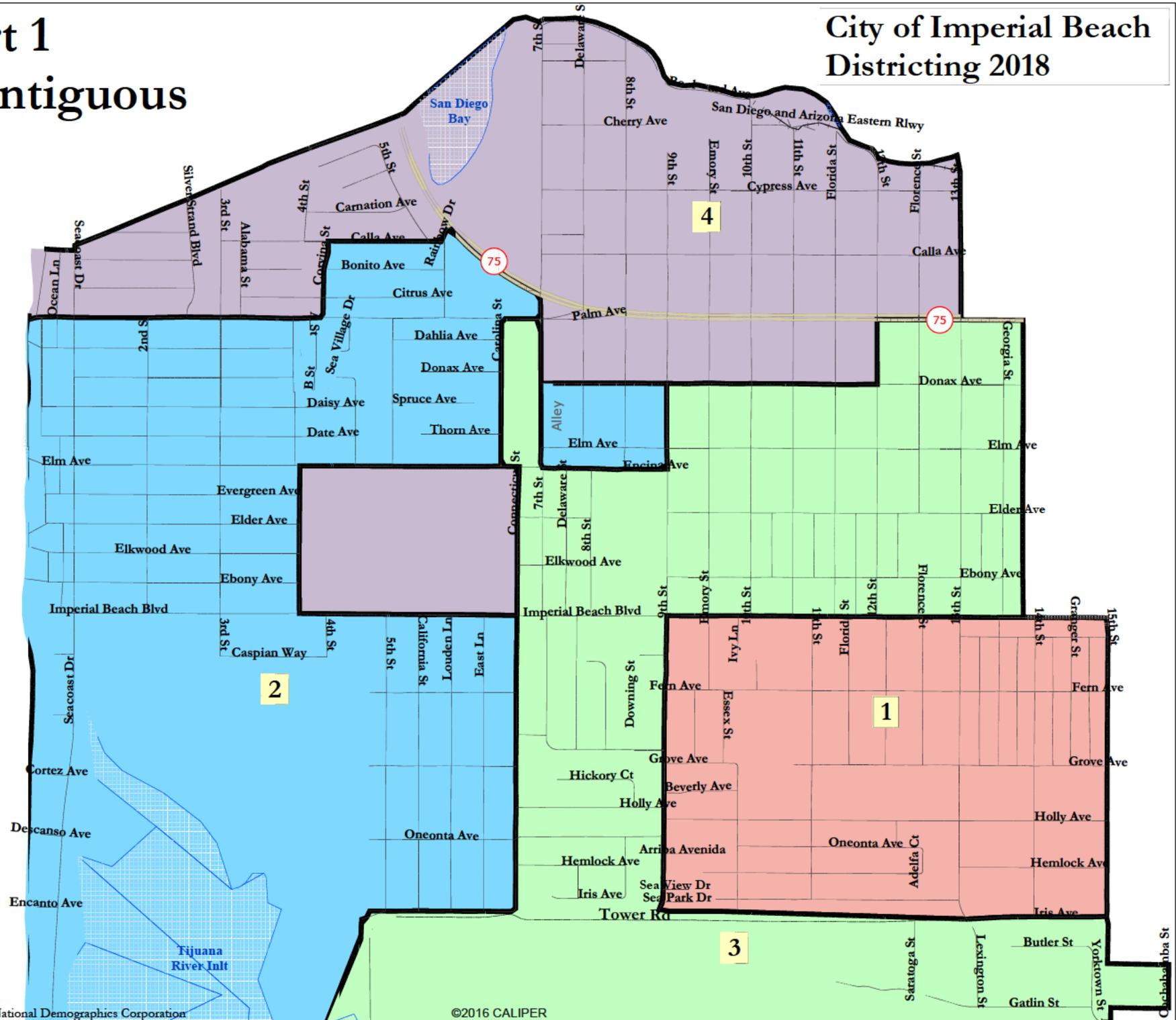
## City of Imperial Beach Districting 2018



City of Imperial Beach - Rose 2 Balanced						
District		1	2	3	4	Total
Ideal	Total Pop	6,496	6,736	6,484	6,608	26,324
6,581	Deviation from ideal	-85	155	-97	27	252
	% Deviation	-1.29%	2.36%	-1.47%	0.41%	3.83%
Total Pop	% Hisp	60%	45%	34%	57%	49%
	% NH White	27%	42%	52%	23%	36%
	% NH Black	5%	3%	4%	5%	4%
	% Asian-American	5%	8%	6%	11%	8%
Citizen Voting Age Pop	Total	3,921	4,982	4,519	3,926	17,347
	% Hisp	54%	39%	25%	51%	41%
	% NH White	30%	49%	61%	30%	44%
	% NH Black	8%	5%	4%	5%	5%
	% Asian/Pac Isl	6%	6%	8%	12%	8%
Voter Registration (Nov 2016)	Total	2,550	3,557	3,303	2,748	12,159
	% Latino est	56%	37%	29%	55%	43%
	% Spanish-Surnamed	50%	33%	26%	49%	38%
	% Asian-Surnamed	1%	1%	1%	1%	1%
	% Filipino-Surnamed	2%	2%	2%	2%	2%
	% NH White est	33%	55%	64%	37%	49%
	% NH Black	8%	4%	2%	6%	5%
Voter Turnout (Nov 2016)	Total	1,751	2,674	2,510	1,834	8,769
	% Latino est	54%	35%	26%	53%	40%
	% Spanish-Surnamed	49%	31%	23%	48%	36%
	% Asian-Surnamed	1%	1%	1%	1%	1%
	% Filipino-Surnamed	2%	2%	2%	2%	2%
	% NH White est	34%	57%	67%	38%	51%
	% NH Black	8%	4%	2%	6%	5%
Voter Turnout (Nov 2014)	Total	740	1,526	1,455	732	4,453
	% Latino est	44%	26%	17%	43%	29%
	% Spanish-Surnamed	39%	23%	15%	39%	26%
	% Asian-Surnamed	1%	1%	0%	1%	1%
	% Filipino-Surnamed	2%	2%	2%	4%	2%
	% NH White est	47%	69%	79%	45%	65%
	% NH Black est	7%	2%	2%	7%	4%
ACS Pop Est	Total	6,872	6,862	6,253	7,193	27,181
Age	age0-19	33%	26%	23%	31%	28%
	age20-60	57%	56%	56%	58%	57%
	age60plus	11%	18%	20%	11%	15%
Immigration	immigrants	24%	19%	17%	26%	22%
	naturalized	51%	46%	46%	39%	45%
Language spoken at home	english	41%	60%	67%	40%	52%
	spanish	51%	31%	24%	51%	40%
	asian-lang	6%	7%	7%	8%	7%
	other lang	1%	2%	1%	1%	1%
Language Fluency	Speaks Eng "Less than Very Well"	20%	13%	10%	20%	16%
Education (among those age 25+)	hs-grad	62%	64%	66%	65%	64%
	bachelor	10%	14%	12%	10%	11%
	graduatedegree	2%	7%	11%	2%	6%
Child in Household	child-under18	36%	27%	22%	42%	32%
Pct of Pop Age 16+	employed	60%	52%	47%	54%	53%
Household Income	income 0-25k	25%	23%	19%	25%	23%
	income 25-50k	34%	27%	27%	33%	30%
	income 50-75k	23%	17%	16%	21%	19%
	income 75-200k	16%	29%	36%	21%	26%
	income 200k-plus	2%	5%	2%	1%	3%
Housing Stats	single family	46%	67%	60%	55%	57%
	multi-family	54%	33%	40%	45%	43%
	rented	81%	59%	61%	77%	69%
	owned	19%	41%	39%	23%	31%
Total population data from the 2010 Decennial Census.						
Surname-based Voter Registration and Turnout data from the California Statewide Database.						
Latino voter registration and turnout data are Spanish-surname counts adjusted using Census Population Department undercount estimates. NH White and NH Black registration and turnout counts estimated by NDC. Citizen Voting Age Pop., Age, Immigration, and other demographics from the 2012-2016 American Community Survey and Special Tabulation 5-year data.						

# Brillhart 1 Not Contiguous

## City of Imperial Beach Districting 2018

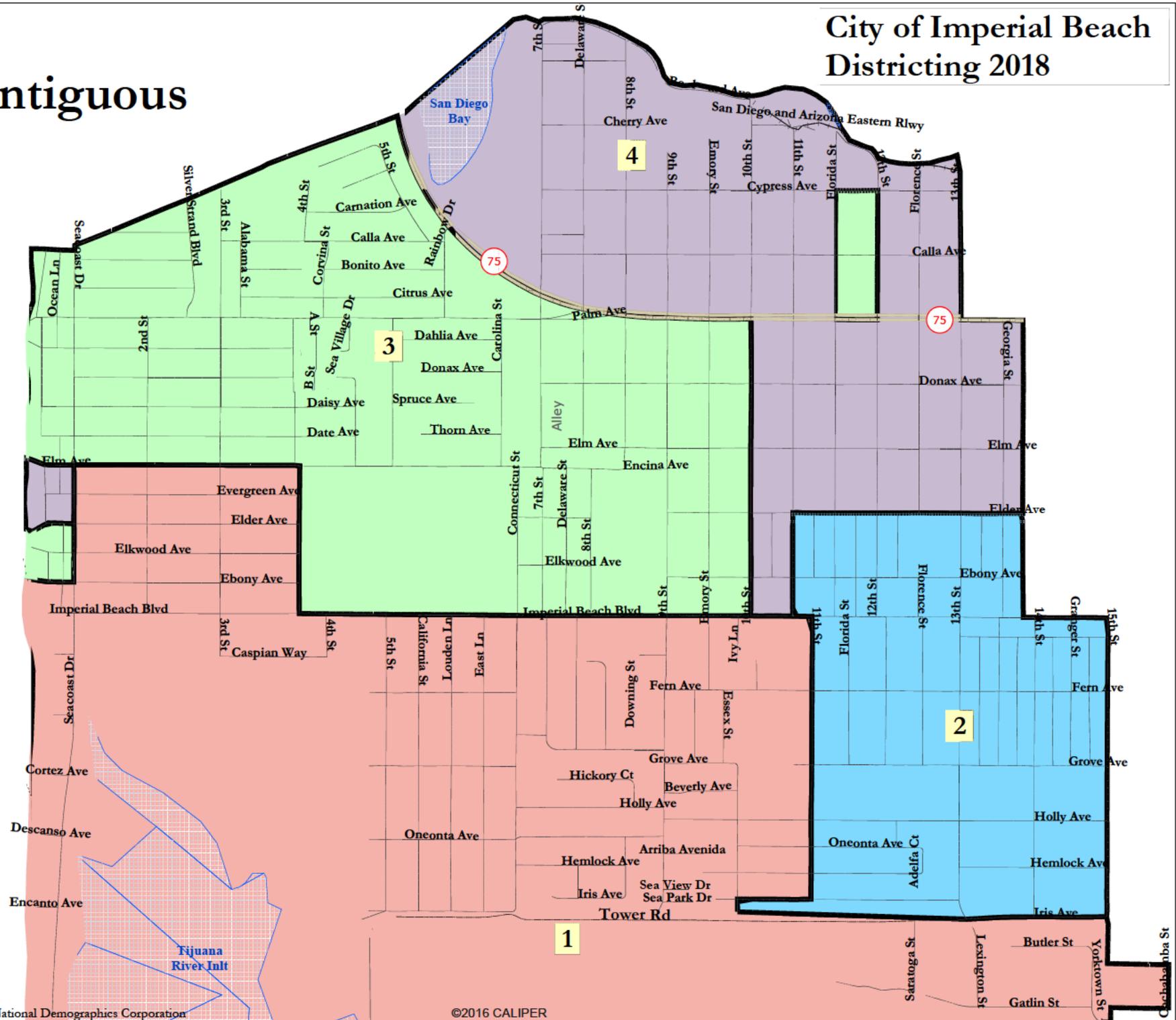


- Map layers**
- Brillhart Map 1
  - Water Area
  - Railroad
  - River
  - Streets

City of Imperial Beach - Brillhart Map 1						
District		1	2	3	4	Total
Ideal	Total Pop	6,982	6,552	6,468	6,322	26,324
	Deviation from ideal	401	-29	-113	-259	660
6,581	% Deviation	6.09%	-0.44%	-1.72%	-3.94%	10.03%
	% Hisp	56%	32%	54%	53%	49%
Total Pop	% NH White	25%	56%	30%	34%	36%
	% NH Black	5%	3%	6%	4%	4%
	% Asian-American	11%	6%	7%	6%	8%
	Total	4,227	4,829	4,210	4,081	17,347
Citizen Voting Age Pop	% Hisp	49%	29%	39%	52%	41%
	% NH White	34%	59%	44%	36%	44%
	% NH Black	5%	2%	9%	5%	5%
	% Asian/Pac Isl	12%	7%	7%	7%	8%
	Total	2,970	3,479	3,017	2,693	12,159
Voter Registration (Nov 2016)	% Latino est	53%	27%	45%	48%	43%
	% Spanish-Surnamed	48%	24%	41%	44%	38%
	% Asian-Surnamed	1%	1%	1%	1%	1%
	% Filipino-Surnamed	2%	2%	3%	2%	2%
	% NH White est	38%	68%	43%	42%	49%
	% NH Black	6%	3%	6%	6%	5%
Voter Turnout (Nov 2016)	Total	1,998	2,646	2,204	1,920	8,769
	% Latino est	52%	24%	43%	45%	40%
	% Spanish-Surnamed	47%	22%	39%	41%	36%
	% Asian-Surnamed	1%	1%	1%	1%	1%
	% Filipino-Surnamed	3%	2%	3%	2%	2%
	% NH White est	40%	70%	45%	45%	51%
	% NH Black	5%	3%	6%	6%	5%
Voter Turnout (Nov 2014)	Total	840	1,587	1,095	931	4,453
	% Latino est	40%	17%	33%	33%	29%
	% Spanish-Surnamed	36%	16%	30%	30%	26%
	% Asian-Surnamed	1%	0%	0%	1%	1%
	% Filipino-Surnamed	4%	1%	3%	1%	2%
	% NH White est	49%	78%	61%	61%	65%
	% NH Black est	6%	2%	3%	4%	4%
ACS Pop Est	Total	7,596	6,164	6,723	6,698	27,181
Age	age0-19	31%	22%	29%	31%	28%
	age20-60	58%	57%	55%	57%	57%
	age60plus	11%	21%	16%	12%	15%
Immigration	immigrants	26%	14%	23%	23%	22%
	naturalized	39%	53%	41%	54%	45%
Language spoken at home	english	41%	72%	53%	44%	52%
	spanish	50%	22%	36%	49%	40%
	asian-lang	8%	5%	9%	6%	7%
	other lang	1%	1%	2%	1%	1%
Language Fluency	Speaks Eng "Less than Very Well"	21%	6%	18%	18%	16%
Education (among those age 25+)	hs-grad	65%	66%	64%	61%	64%
	bachelor	10%	12%	12%	11%	11%
	graduatedegree	2%	12%	5%	4%	6%
Child in Household	child-under18	42%	19%	35%	33%	32%
Pct of Pop Age 16+	employed	54%	47%	52%	60%	53%
Household Income	income 0-25k	25%	17%	26%	24%	23%
	income 25-50k	32%	28%	25%	34%	30%
	income 50-75k	20%	16%	17%	22%	19%
	income 75-200k	21%	36%	29%	16%	26%
	income 200k-plus	1%	3%	2%	4%	3%
Housing Stats	single family	56%	57%	67%	50%	57%
	multi-family	44%	43%	33%	50%	43%
	rented	76%	62%	64%	76%	69%
	owned	24%	38%	36%	24%	31%
Total population data from the 2010 Decennial Census.						
Surname-based Voter Registration and Turnout data from the California Statewide Database.						
Latino voter registration and turnout data are Spanish-surname counts adjusted using Census Population Department undercount estimates. NH White and NH Black registration and turnout counts estimated by NDC. Citizen Voting Age Pop., Age, Immigration, and other demographics from the 2012-2016 American Community Survey and Special Tabulation 5-year data.						

# Frink 1 Not Contiguous

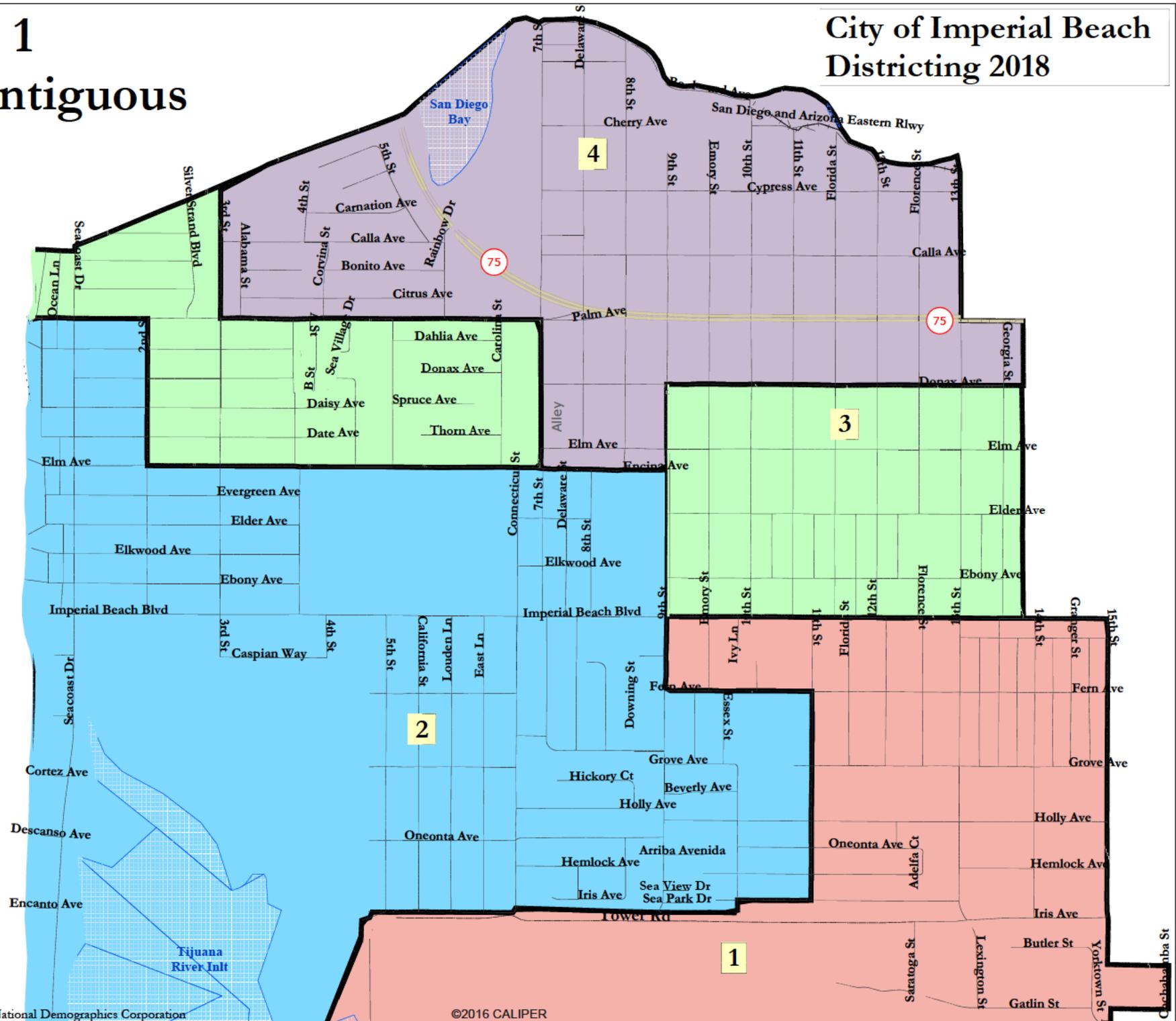
## City of Imperial Beach Districting 2018



City of Imperial Beach - Frink Map 1							
District		1	2	3	4	Total	
	Ideal	Total Pop	6,624	6,560	6,240	6,900	26,324
	6,581	Deviation from ideal	43	-21	-341	319	660
		% Deviation	0.65%	-0.32%	-5.18%	4.85%	10.03%
	Total Pop	% Hisp	37%	59%	40%	58%	49%
		% NH White	47%	22%	48%	27%	36%
		% NH Black	5%	5%	3%	5%	4%
		% Asian-American	8%	10%	6%	6%	8%
	Citizen Voting Age Pop	Total	4,193	3,960	4,819	4,376	17,347
		% Hisp	26%	54%	34%	53%	41%
		% NH White	56%	30%	56%	30%	44%
		% NH Black	4%	6%	3%	8%	5%
		% Asian/Pac Isl	11%	10%	5%	8%	8%
	Voter Registration (Nov 2016)	Total	3,329	2,744	3,304	2,781	12,159
		% Latino est	32%	56%	33%	55%	43%
		% Spanish-Surnamed	29%	50%	30%	49%	38%
		% Asian-Surnamed	1%	1%	1%	1%	1%
		% Filipino-Surnamed	2%	2%	2%	2%	2%
		% NH White est	61%	35%	60%	34%	49%
		% NH Black	2%	6%	3%	9%	5%
	Voter Turnout (Nov 2016)	Total	2,506	1,824	2,510	1,928	8,769
		% Latino est	29%	55%	30%	53%	40%
		% Spanish-Surnamed	26%	49%	27%	47%	36%
		% Asian-Surnamed	1%	1%	1%	1%	1%
		% Filipino-Surnamed	2%	2%	2%	2%	2%
		% NH White est	64%	36%	63%	35%	51%
		% NH Black	2%	6%	3%	9%	5%
	Voter Turnout (Nov 2014)	Total	1,431	716	1,499	808	4,453
		% Latino est	18%	48%	23%	43%	29%
		% Spanish-Surnamed	16%	43%	21%	38%	26%
		% Asian-Surnamed	0%	1%	1%	1%	1%
		% Filipino-Surnamed	1%	5%	2%	2%	2%
		% NH White est	80%	39%	72%	48%	65%
		% NH Black est	1%	8%	2%	7%	4%
	ACS Pop Est	Total	6,536	7,087	6,245	7,313	27,181
	Age	age0-19	25%	32%	24%	32%	28%
		age20-60	56%	58%	56%	57%	57%
		age60plus	20%	10%	20%	11%	15%
	Immigration	immigrants	19%	25%	18%	24%	22%
		naturalized	43%	40%	48%	50%	45%
	Language spoken at home	english	64%	40%	64%	42%	52%
		spanish	27%	52%	28%	50%	40%
		asian-lang	8%	7%	7%	7%	7%
		other lang	1%	1%	2%	1%	1%
	Language Fluency	Speaks Eng "Less than Very Well"	12%	20%	11%	20%	16%
	Education (among those age 25+)	hs-grad	65%	66%	64%	62%	64%
		bachelor	12%	9%	14%	10%	11%
		graduatedegree	10%	1%	9%	2%	6%
	Child in Household	child-under18	24%	43%	24%	36%	32%
	Pct of Pop Age 16+	employed	48%	54%	51%	60%	53%
	Household Income	income 0-25k	21%	25%	21%	25%	23%
		income 25-50k	26%	34%	27%	33%	30%
		income 50-75k	15%	22%	16%	22%	19%
		income 75-200k	36%	19%	31%	17%	26%
		income 200k-plus	2%	1%	5%	2%	3%
	Housing Stats	single family	64%	51%	66%	48%	57%
		multi-family	36%	49%	34%	52%	43%
		rented	59%	81%	58%	80%	69%
		owned	41%	19%	42%	20%	31%
Total population data from the 2010 Decennial Census.							
Surname-based Voter Registration and Turnout data from the California Statewide Database.							
Latino voter registration and turnout data are Spanish-surname counts adjusted using Census Population Department undercount estimates. NH White and NH Black registration and turnout counts estimated by NDC. Citizen Voting Age Pop., Age, Immigration, and other demographics from the 2012-2016 American Community Survey and Special Tabulation 5-year data.							

# Pilgrim 1 Not Contiguous

## City of Imperial Beach Districting 2018



**Map layers**

- Pilgrim Map 1
- Water Area
- Railroad
- River
- Streets

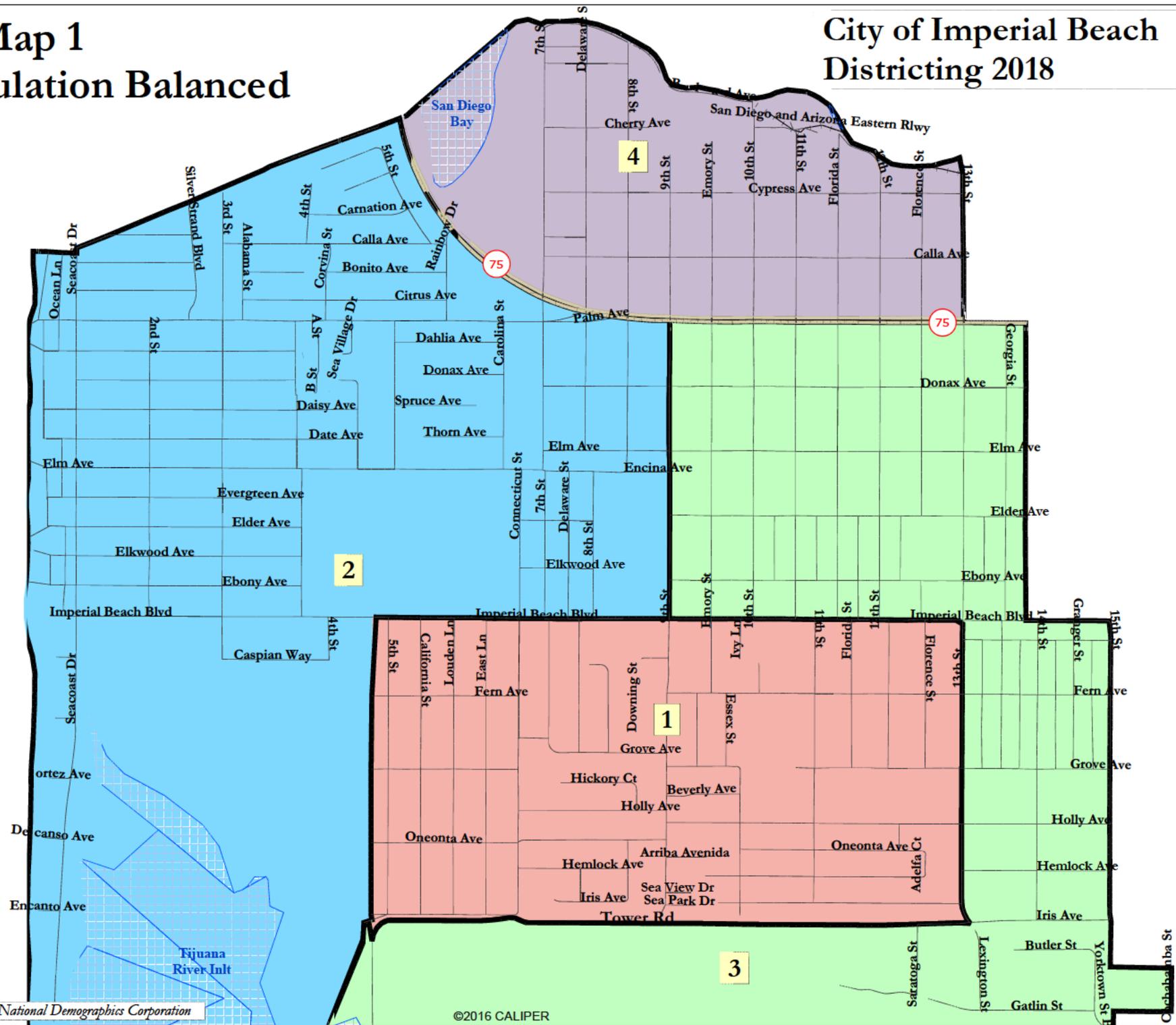
City of Imperial Beach - Pilgrim Map 1						
District		1	2	3	4	Total
Ideal	Total Pop	6,888	6,517	6,269	6,650	26,324
6,581	Deviation from ideal	307	-64	-312	69	619
	% Deviation	4.66%	-0.97%	-4.74%	1.05%	9.41%
Total Pop	% Hisp	57%	33%	50%	54%	49%
	% NH White	21%	54%	38%	32%	36%
	% NH Black	7%	2%	4%	4%	4%
	% Asian-American	11%	8%	5%	6%	8%
Citizen Voting Age Pop	Total	4,016	4,445	4,536	4,350	17,347
	% Hisp	53%	22%	40%	52%	41%
	% NH White	27%	63%	49%	33%	44%
	% NH Black	7%	2%	6%	6%	5%
	% Asian/Pac Isl	12%	9%	4%	8%	8%
Voter Registration (Nov 2016)	Total	2,743	3,613	2,964	2,838	12,159
	% Latino est	56%	29%	41%	49%	43%
	% Spanish-Surnamed	50%	26%	37%	44%	38%
	% Asian-Surnamed	1%	1%	1%	1%	1%
	% Filipino-Surnamed	2%	2%	2%	2%	2%
	% NH White est	33%	65%	50%	41%	49%
	% NH Black	6%	2%	5%	6%	5%
Voter Turnout (Nov 2016)	Total	1,808	2,764	2,180	2,017	8,769
	% Latino est	55%	26%	39%	46%	40%
	% Spanish-Surnamed	49%	24%	35%	41%	36%
	% Asian-Surnamed	1%	1%	1%	1%	1%
	% Filipino-Surnamed	2%	2%	2%	2%	2%
	% NH White est	34%	68%	52%	44%	51%
	% NH Black	6%	2%	6%	6%	5%
Voter Turnout (Nov 2014)	Total	656	1,704	1,170	923	4,453
	% Latino est	46%	19%	29%	35%	29%
	% Spanish-Surnamed	42%	17%	26%	31%	26%
	% Asian-Surnamed	1%	0%	0%	1%	1%
	% Filipino-Surnamed	5%	2%	1%	2%	2%
	% NH White est	40%	77%	66%	57%	65%
	% NH Black est	8%	1%	3%	5%	4%
ACS Pop Est	Total	7,407	6,418	6,287	7,069	27,181
Age	age0-19	31%	24%	27%	31%	28%
	age20-60	58%	56%	56%	57%	57%
	age60plus	11%	20%	17%	12%	15%
Immigration	immigrants	25%	19%	19%	23%	22%
	naturalized	40%	43%	46%	53%	45%
Language spoken at home	english	42%	64%	60%	43%	52%
	spanish	49%	26%	31%	50%	40%
	asian-lang	8%	8%	6%	6%	7%
	other lang	1%	1%	2%	1%	1%
Language Fluency	Speaks Eng "Less than Very Well"	19%	12%	13%	19%	16%
Education (among those age 25+)	hs-grad	65%	65%	65%	61%	64%
	bachelor	10%	12%	13%	11%	11%
	graduatedegree	3%	10%	7%	3%	6%
Child in Household	child-under18	42%	23%	28%	34%	32%
Pct of Pop Age 16+	employed	53%	48%	51%	60%	53%
Household Income	income 0-25k	25%	20%	22%	24%	23%
	income 25-50k	33%	26%	27%	34%	30%
	income 50-75k	21%	15%	18%	22%	19%
	income 75-200k	20%	36%	30%	16%	26%
	income 200k-plus	1%	2%	4%	3%	3%
Housing Stats	single family	53%	63%	62%	50%	57%
	multi-family	47%	37%	38%	50%	43%
	rented	78%	60%	64%	76%	69%
	owned	22%	40%	36%	24%	31%
Total population data from the 2010 Decennial Census.						
Surname-based Voter Registration and Turnout data from the California Statewide Database.						
Latino voter registration and turnout data are Spanish-surname counts adjusted using Census Population Department undercount estimates. NH White and NH Black registration and turnout counts estimated by NDC. Citizen Voting Age Pop., Age, Immigration, and other demographics from the 2012-2016 American Community Survey and Special Tabulation 5-year data.						

# McKay Map 1

## Not Population Balanced

# City of Imperial Beach

## Districting 2018



- Map layers**
- McKay Map 1
  - Water Area
  - Railroad
  - River
  - Streets

Map prepared 10/9/2018 by National Demographics Corporation

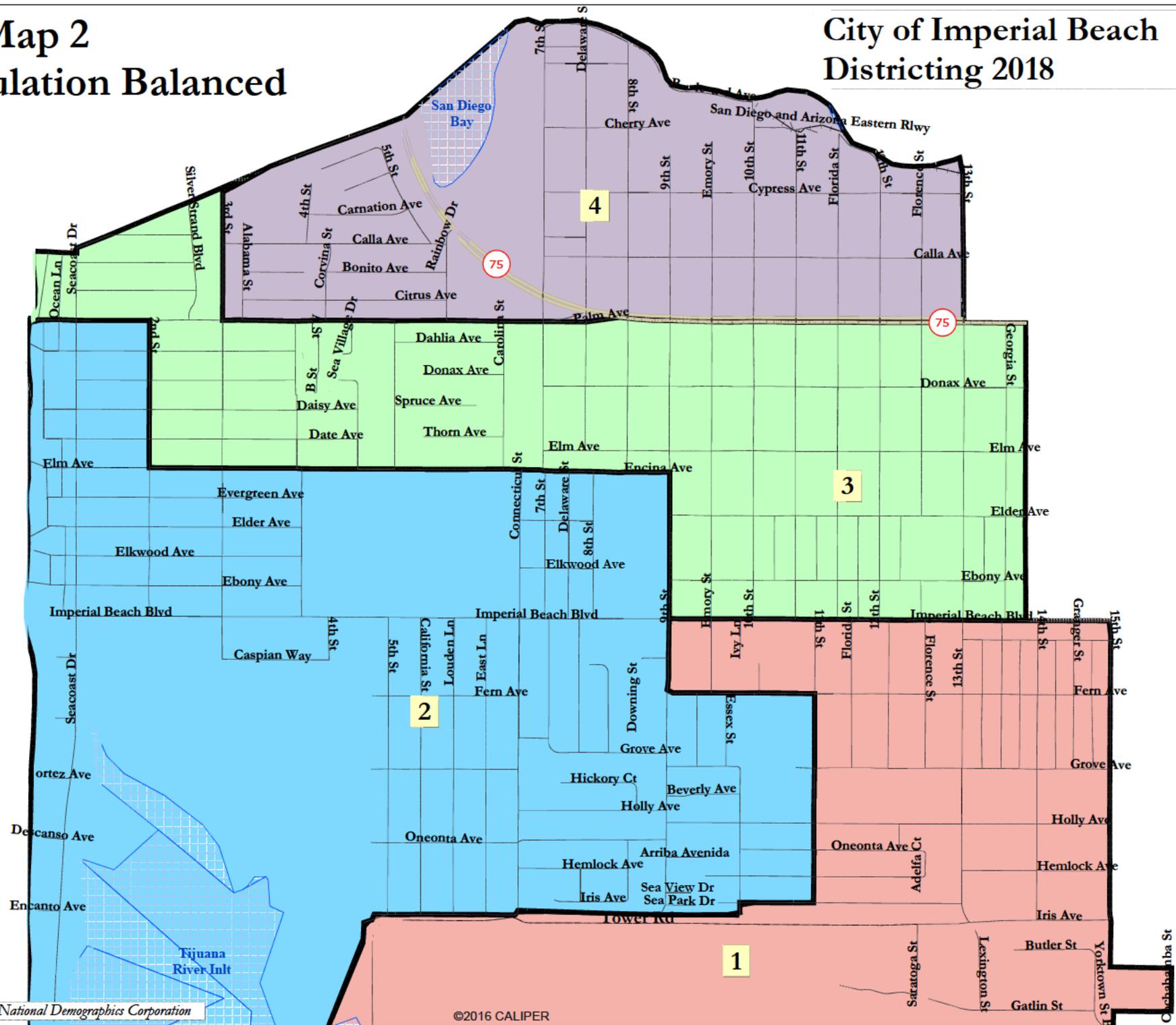
City of Imperial Beach - McKay Map 1						
District		1	2	3	4	Total
Ideal	Total Pop	6,265	7,567	7,955	4,537	26,324
	Deviation from ideal	-316	986	1,374	-2,044	3,418
6,581	% Deviation	-4 80%	14 98%	20 88%	-31 06%	51 94%
Total Pop	% Hisp	45%	34%	61%	59%	49%
	% NH White	36%	54%	23%	29%	36%
	% NH Black	6%	3%	5%	5%	4%
	% Asian-American	10%	6%	9%	5%	8%
Citizen Voting Age Pop	Total	3,705	5,761	5,293	2,588	17,347
	% Hisp	33%	29%	52%	59%	41%
	% NH White	51%	60%	29%	27%	44%
	% NH Black	3%	3%	8%	7%	5%
	% Asian/Pac Isl	11%	6%	9%	6%	8%
Voter Registration (Nov 2016)	Total	2,907	4,025	3,463	1,764	12,159
	% Latino est	38%	29%	56%	55%	43%
	% Spanish-Surnamed	34%	26%	51%	50%	38%
	% Asian-Surnamed	1%	1%	1%	1%	1%
	% Filipino-Surnamed	3%	2%	2%	2%	2%
	% NH White est	57%	65%	30%	34%	49%
	% NH Black	1%	3%	8%	8%	5%
Voter Turnout (Nov 2016)	Total	2,199	3,046	2,318	1,206	8,769
	% Latino est	35%	26%	56%	53%	40%
	% Spanish-Surnamed	32%	24%	50%	47%	36%
	% Asian-Surnamed	1%	1%	1%	1%	1%
	% Filipino-Surnamed	3%	2%	2%	2%	2%
	% NH White est	60%	68%	31%	36%	51%
	% NH Black	1%	3%	8%	9%	5%
Voter Turnout (Nov 2014)	Total	1,232	1,838	881	502	4,453
	% Latino est	26%	20%	44%	41%	29%
	% Spanish-Surnamed	23%	18%	39%	37%	26%
	% Asian-Surnamed	0%	1%	0%	1%	1%
	% Filipino-Surnamed	3%	1%	3%	1%	2%
	% NH White est	69%	75%	44%	51%	65%
	% NH Black est	1%	2%	8%	6%	4%
ACS Pop Est	Total	6,552	7,304	8,477	4,847	27,181
Age	age0-19	28%	22%	31%	33%	28%
	age20-60	56%	57%	57%	57%	57%
	age60plus	16%	21%	12%	10%	15%
Immigration	immigrants	23%	15%	24%	25%	22%
	naturalized	39%	52%	42%	52%	45%
Language spoken at home	english	51%	70%	44%	38%	52%
	spanish	38%	23%	47%	55%	40%
	asian-lang	9%	5%	7%	7%	7%
	other lang	1%	2%	2%	1%	1%
Language Fluency	Speaks Eng "Less than Very Well"	18%	8%	19%	21%	16%
Education (among those age 25+)	hs-grad	65%	65%	65%	61%	64%
	bachelor	11%	13%	11%	9%	11%
	graduatedegree	6%	11%	2%	2%	6%
Child in Household	child-under18	35%	21%	40%	36%	32%
Pct of Pop Age 16+	employed	51%	48%	55%	62%	53%
Household Income	income 0-25k	25%	19%	25%	25%	23%
	income 25-50k	28%	27%	31%	36%	30%
	income 50-75k	17%	16%	21%	23%	19%
	income 75-200k	29%	34%	21%	14%	26%
	income 200k-plus	1%	4%	1%	2%	3%
Housing Stats	single family	64%	62%	55%	43%	57%
	multi-family	36%	38%	45%	57%	43%
	rented	66%	59%	76%	83%	69%
	owned	34%	41%	24%	17%	31%
Total population data from the 2010 Decennial Census.						
Surname-based Voter Registration and Turnout data from the California Statewide Database.						
Latino voter registration and turnout data are Spanish-surname counts adjusted using Census Population Department undercount estimates. NH White and NH Black registration and turnout counts estimated by NDC. Citizen Voting Age Pop., Age, Immigration, and other demographics from the 2012-2016 American Community Survey and Special Tabulation 5-year data.						

# Pilgrim Map 2

## Not Population Balanced

# City of Imperial Beach

## Districting 2018



**Map layers**

- Pilgrim Map 2
- Water Area
- Railroad
- River
- Streets

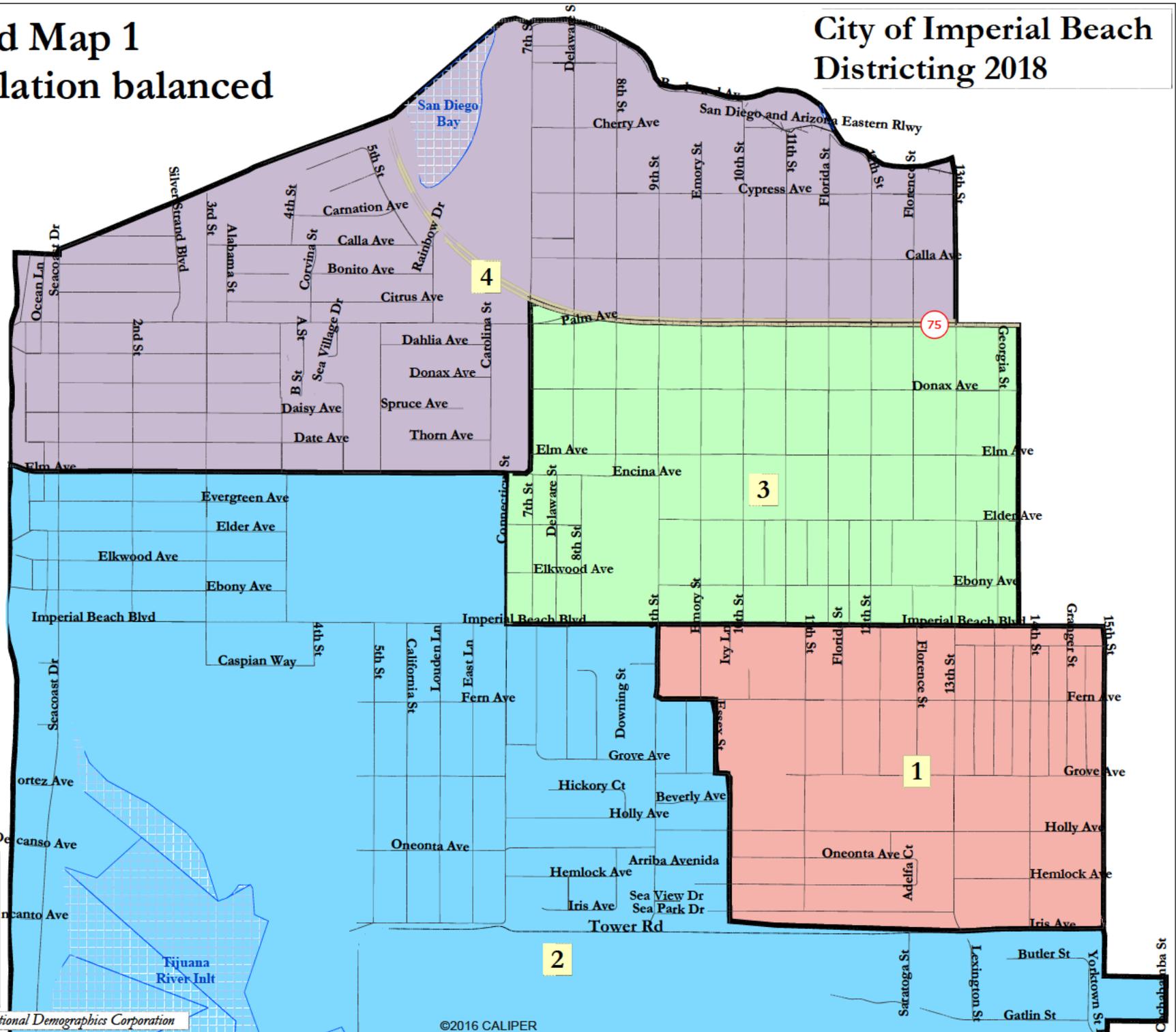
City of Imperial Beach - Pilgrim Map 2						
District		1	2	3	4	Total
Ideal	Total Pop	6,888	6,517	7,468	5,451	26,324
	Deviation from ideal	307	-64	887	-1,130	2,017
6,581	% Deviation	4.66%	-0.97%	13.48%	-17.17%	30.65%
	% Hisp	57%	33%	51%	55%	49%
Total Pop	% NH White	21%	54%	37%	33%	36%
	% NH Black	7%	2%	4%	4%	4%
	% Asian-American	11%	8%	6%	6%	8%
	Total	4,016	4,445	5,562	3,324	17,347
Citizen Voting Age Pop	% Hisp	53%	22%	42%	53%	41%
	% NH White	27%	63%	46%	34%	44%
	% NH Black	7%	2%	6%	5%	5%
	% Asian/Pac Isl	12%	9%	5%	7%	8%
	Total	2,743	3,613	3,497	2,305	12,159
Voter Registration (Nov 2016)	% Latino est	56%	29%	43%	48%	43%
	% Spanish-Surnamed	50%	26%	39%	43%	38%
	% Asian-Surnamed	1%	1%	1%	1%	1%
	% Filipino-Surnamed	2%	2%	2%	2%	2%
	% NH White est	33%	65%	48%	43%	49%
	% NH Black	6%	2%	6%	6%	5%
	Total	1,808	2,764	2,557	1,640	8,769
Voter Turnout (Nov 2016)	% Latino est	55%	26%	41%	45%	40%
	% Spanish-Surnamed	49%	24%	37%	40%	36%
	% Asian-Surnamed	1%	1%	1%	1%	1%
	% Filipino-Surnamed	2%	2%	2%	2%	2%
	% NH White est	34%	68%	50%	46%	51%
	% NH Black	6%	2%	6%	6%	5%
	Total	656	1,704	1,320	773	4,453
Voter Turnout (Nov 2014)	% Latino est	46%	19%	30%	34%	29%
	% Spanish-Surnamed	42%	17%	27%	30%	26%
	% Asian-Surnamed	1%	0%	0%	2%	1%
	% Filipino-Surnamed	5%	2%	2%	1%	2%
	% NH White est	40%	77%	63%	60%	65%
	% NH Black est	8%	1%	4%	4%	4%
	Total	7,407	6,418	7,573	5,782	27,181
ACS Pop Est	Total	7,407	6,418	7,573	5,782	27,181
Age	age0-19	31%	24%	28%	31%	28%
	age20-60	58%	56%	56%	57%	57%
	age60plus	11%	20%	16%	12%	15%
Immigration	immigrants	25%	19%	20%	23%	22%
	naturalized	40%	43%	46%	54%	45%
Language spoken at home	english	42%	64%	57%	44%	52%
	spanish	49%	26%	35%	49%	40%
	asian-lang	8%	8%	7%	6%	7%
	other lang	1%	1%	2%	1%	1%
Language Fluency	Speaks Eng "Less than Very Well"	19%	12%	14%	18%	16%
Education (among those age 25+)	hs-grad	65%	65%	64%	61%	64%
	bachelor	10%	12%	12%	11%	11%
	graduatedegree	3%	10%	6%	4%	6%
Child in Household	child-under18	42%	23%	30%	33%	32%
Pct of Pop Age 16+	employed	53%	48%	52%	61%	53%
Household Income	income 0-25k	25%	20%	23%	24%	23%
	income 25-50k	33%	26%	28%	34%	30%
	income 50-75k	21%	15%	18%	22%	19%
	income 75-200k	20%	36%	28%	16%	26%
	income 200k-plus	1%	2%	3%	4%	3%
Housing Stats	single family	53%	63%	60%	50%	57%
	multi-family	47%	37%	40%	50%	43%
	rented	78%	60%	66%	76%	69%
	owned	22%	40%	34%	24%	31%
Total population data from the 2010 Decennial Census.						
Surname-based Voter Registration and Turnout data from the California Statewide Database.						
Latino voter registration and turnout data are Spanish-surname counts adjusted using Census Population Department undercount estimates. NH White and NH Black registration and turnout counts estimated by NDC. Citizen Voting Age Pop., Age, Immigration, and other demographics from the 2012-2016 American Community Survey and Special Tabulation 5-year data.						

# Whitehead Map 1

## Not population balanced

# City of Imperial Beach

## Districting 2018



City of Imperial Beach - Whitehead Map 1							
District		1	2	3	4	Total	
	Ideal	Total Pop	6,608	5,698	5,468	8,550	26,324
6,581		Deviation from ideal	27	-883	-1,113	1,969	3,082
		% Deviation	0.41%	-13.42%	-16.91%	29.92%	46.83%
Total Pop		% Hisp	57%	34%	58%	47%	49%
		% NH White	23%	52%	28%	41%	36%
		% NH Black	5%	5%	4%	4%	4%
		% Asian-American	11%	7%	7%	5%	8%
Citizen Voting Age Pop		Total	3,926	3,701	3,663	6,057	17,347
		% Hisp	51%	26%	42%	44%	41%
		% NH White	30%	57%	40%	46%	44%
		% NH Black	5%	4%	8%	4%	5%
		% Asian/Pac Isl	12%	9%	8%	5%	8%
Voter Registration (Nov 2016)		Total	2,748	2,974	2,494	3,943	12,159
		% Latino est	55%	29%	50%	40%	43%
		% Spanish-Surnamed	49%	26%	45%	36%	38%
		% Asian-Surnamed	1%	1%	1%	1%	1%
		% Filipino-Surnamed	2%	2%	2%	2%	2%
		% NH White est	37%	63%	39%	52%	49%
Voter Turnout (Nov 2016)		Total	1,834	2,257	1,798	2,880	8,769
		% Latino est	53%	27%	49%	37%	40%
		% Spanish-Surnamed	48%	24%	44%	33%	36%
		% Asian-Surnamed	1%	1%	1%	1%	1%
		% Filipino-Surnamed	2%	2%	3%	2%	2%
		% NH White est	38%	66%	40%	56%	51%
Voter Turnout (Nov 2014)		Total	732	1,313	837	1,571	4,453
		% Latino est	43%	17%	41%	26%	29%
		% Spanish-Surnamed	39%	15%	37%	23%	26%
		% Asian-Surnamed	1%	0%	0%	1%	1%
		% Filipino-Surnamed	4%	2%	4%	1%	2%
		% NH White est	45%	81%	50%	69%	65%
ACS Pop Est		Total	7,193	5,521	5,751	8,716	27,181
	Age	age0-19	31%	24%	31%	28%	28%
age20-60		58%	56%	56%	57%	57%	
age60plus		11%	20%	14%	15%	15%	
Immigration	immigrants	26%	17%	24%	19%	22%	
	naturalized	39%	45%	42%	54%	45%	
Language spoken at home	english	40%	67%	49%	54%	52%	
	spanish	51%	25%	40%	40%	40%	
	asian-lang	8%	7%	8%	6%	7%	
	other lang	1%	1%	2%	1%	1%	
Language Fluency	Speaks Eng "Less than Very Well"	20%	10%	19%	14%	16%	
Education (among those age 25+)	hs-grad	65%	66%	64%	63%	64%	
	bachelor	10%	12%	12%	12%	11%	
	graduatedegree	2%	11%	3%	7%	6%	
Child in Household	child-under18	42%	22%	36%	28%	32%	
Pct of Pop Age 16+	employed	54%	47%	54%	56%	53%	
Household Income	income 0-25k	25%	19%	26%	21%	23%	
	income 25-50k	33%	26%	27%	32%	30%	
	income 50-75k	21%	16%	19%	20%	19%	
	income 75-200k	21%	36%	26%	23%	26%	
	income 200k-plus	1%	2%	2%	4%	3%	
Housing Stats	single family	55%	61%	63%	54%	57%	
	multi-family	45%	39%	37%	46%	43%	
	rented	77%	60%	68%	70%	69%	
	owned	23%	40%	32%	30%	31%	
Total population data from the 2010 Decennial Census.							
Surname-based Voter Registration and Turnout data from the California Statewide Database.							
Latino voter registration and turnout data are Spanish-surname counts adjusted using Census Population Department undercount estimates. NH White and NH Black registration and turnout counts estimated by NDC. Citizen Voting Age Pop., Age, Immigration, and other demographics from the 2012-2016 American Community Survey and Special Tabulation 5-year data.							