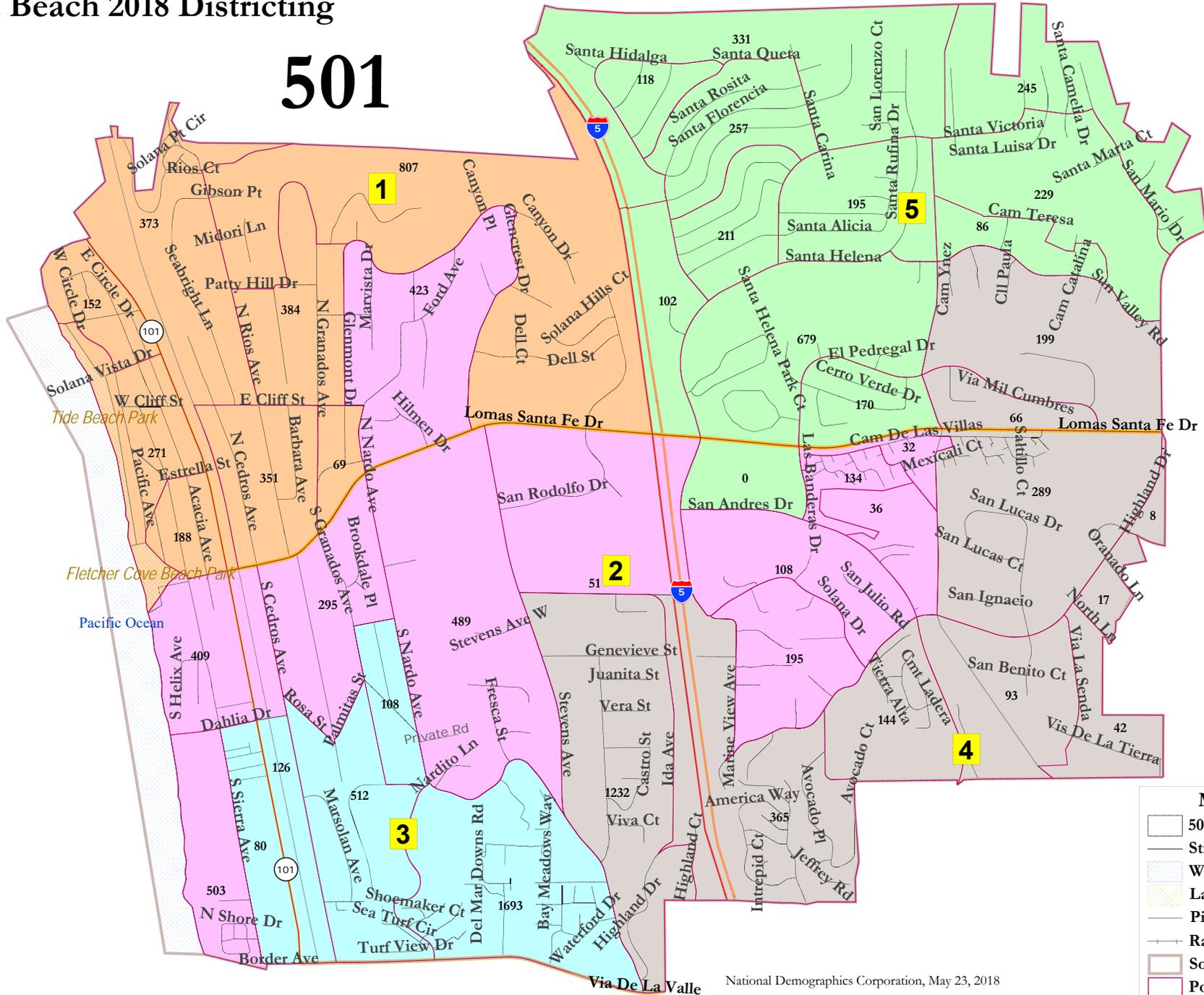


Solana Beach 2018 Districting

501

35



Map layers

	501
	Streets
	Water Area
	Landmark Area
	Pipeline/Power Line
	Railroad
	Solana Beach
	PopUnits

National Demographics Corporation, May 23, 2018

Solana Beach - Map 501

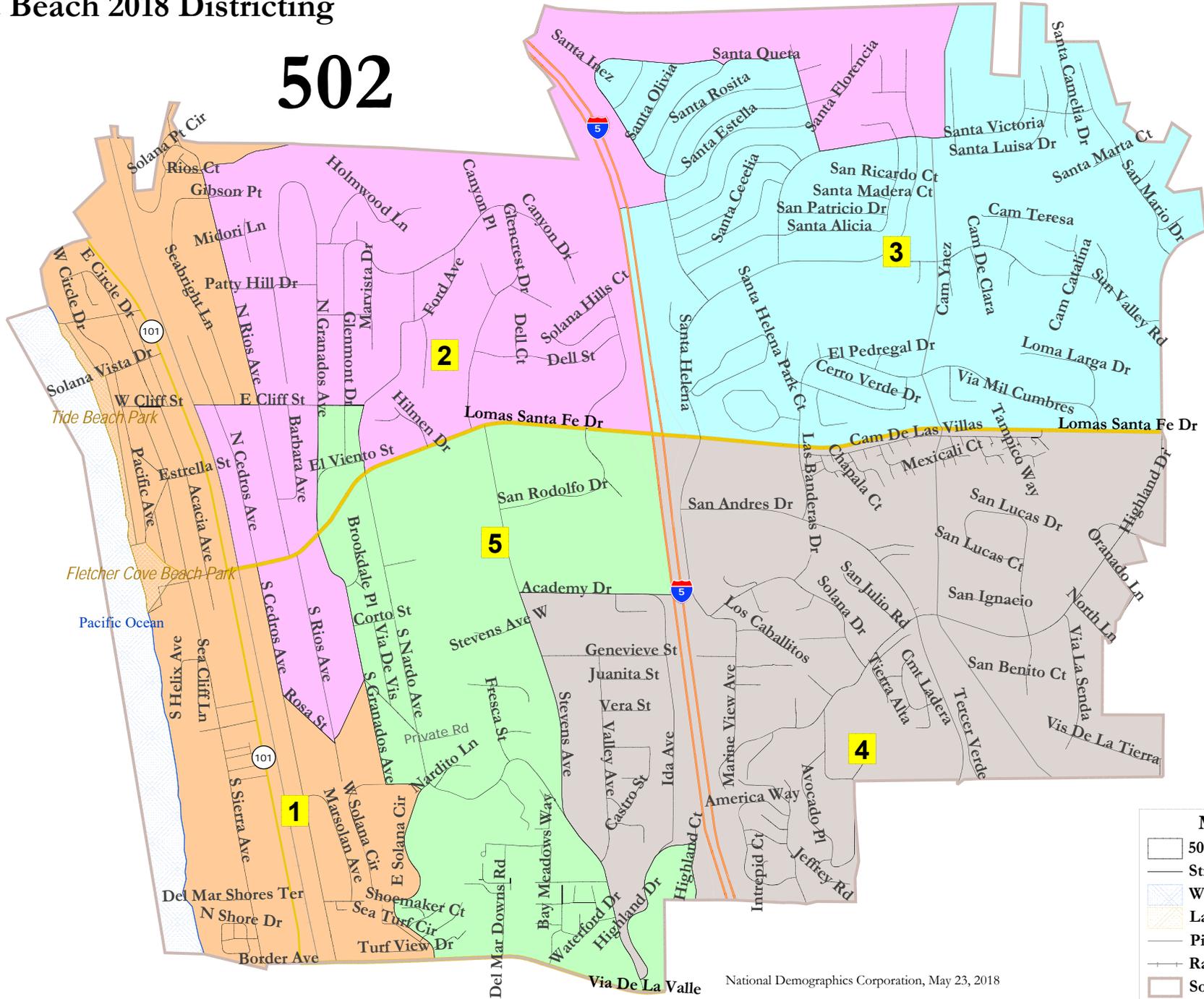
District		1	2	3	4	5	Total
Ideal	Total Pop	2,594	2,620	2,519	2,505	2,620	12,858
2,572	Deviation from ideal	22	48	-53	-67	48	115
	% Deviation	0.86%	1.87%	-2.06%	-2.61%	1.87%	4.47%
Total Pop	% Hisp	10%	15%	20%	30%	6%	16%
	% NH White	84%	80%	73%	63%	85%	77%
	% NH Black	0%	0%	1%	1%	0%	1%
	% Asian-American	4%	4%	5%	5%	6%	5%
Citizen Voting Age Pop	Total	1,808	2,207	2,333	2,054	1,956	10,358
	% Hisp	7%	6%	11%	13%	2%	8%
	% NH White	89%	89%	83%	78%	91%	86%
	% NH Black	1%	0%	1%	0%	1%	0%
	% Asian/Pac.Isl.	4%	5%	2%	7%	6%	5%
Voter Registration (Nov 2016)	Total	1,844	2,031	1,336	1,392	1,976	8,579
	% Latino est.	4%	7%	6%	12%	4%	6%
	% Spanish-Surnamed	4%	6%	5%	11%	4%	6%
	% Asian-Surnamed	2%	2%	2%	3%	3%	2%
	% Filipino-Surnamed	0%	0%	0%	0%	1%	0%
	% NH White est.	93%	92%	89%	86%	92%	91%
	% NH Black	1%	1%	0%	0%	1%	1%
Voter Turnout (Nov 2016)	Total	1,632	1,746	1,147	1,201	1,768	7,495
	% Latino est.	4%	7%	6%	12%	4%	6%
	% Spanish-Surnamed	3%	6%	5%	10%	4%	5%
	% Asian-Surnamed	3%	3%	2%	3%	3%	3%
	% Filipino-Surnamed	0%	0%	0%	0%	1%	0%
	% NH White est.	93%	92%	89%	86%	92%	91%
	% NH Black	1%	1%	0%	0%	0%	1%
Voter Turnout (Nov 2014)	Total	955	1,034	592	745	1,212	4,538
	% Latino est.	3%	5%	3%	9%	4%	5%
	% Spanish-Surnamed	3%	4%	3%	8%	3%	4%
	% Asian-Surnamed	2%	2%	3%	4%	3%	3%
	% Filipino-Surnamed	0%	0%	0%	0%	1%	0%
	% NH White est.	94%	93%	94%	87%	92%	92%
	% NH Black est.	1%	0%	0%	1%	1%	1%
ACS Pop. Est.	Total	2,452	2,814	2,850	2,653	2,589	13,358
Age	age0-19	23%	17%	15%	17%	22%	19%
	age20-60	57%	56%	59%	51%	38%	52%
	age60plus	21%	28%	26%	32%	40%	29%
Immigration	immigrants	13%	17%	17%	17%	14%	16%
	naturalized	64%	38%	25%	45%	62%	45%
Language spoken at home	english	88%	80%	78%	81%	88%	83%
	spanish	5%	13%	17%	11%	2%	10%
	asian-lang	0%	2%	1%	3%	3%	2%
	other lang	7%	5%	4%	5%	6%	5%
Language Fluency	Speaks Eng. "Less than Very Well"	4%	6%	7%	6%	4%	5%
Education (among those age 25+)	hs-grad	26%	30%	33%	28%	27%	29%
	bachelor	37%	34%	32%	34%	37%	35%
	graduatedegree	37%	29%	25%	31%	34%	31%
Child in Household	child-under18	29%	19%	17%	20%	22%	21%
Pct of Pop. Age 16+	employed	64%	63%	66%	59%	54%	61%
Household Income	income 0-25k	2%	11%	13%	11%	7%	9%
	income 25-50k	10%	18%	21%	16%	14%	16%
	income 50-75k	13%	15%	17%	13%	16%	15%
	income 75-200k	36%	34%	33%	34%	37%	35%
	income 200k-plus	40%	22%	17%	26%	26%	25%
Housing Stats	single family	83%	54%	41%	69%	83%	64%
	multi-family	17%	46%	59%	31%	17%	36%
	rented	33%	52%	63%	35%	18%	42%
	owned	67%	48%	37%	65%	82%	58%
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.							

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Solana Beach 2018 Districting

502

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Map layers

	502
	Streets
	Water Area
	Landmark Area
	Pipeline/Power Line
	Railroad
	Solana Beach

Solana Beach - Map 502

District		1	2	3	4	5	Total
Ideal	Total Pop	2,614	2,468	2,554	2,710	2,512	12,858
2,572	Deviation from ideal	42	-104	-18	138	-60	242
	% Deviation	1.63%	-4.04%	-0.70%	5.37%	-2.33%	9.41%
Total Pop	% Hisp	11%	9%	6%	28%	25%	16%
	% NH White	84%	84%	85%	64%	70%	77%
	% NH Black	1%	0%	1%	1%	0%	1%
	% Asian-American	3%	5%	6%	6%	4%	5%
Citizen Voting Age Pop	Total	2,300	1,777	1,949	2,190	2,142	10,358
	% Hisp	6%	4%	2%	13%	13%	8%
	% NH White	89%	92%	91%	77%	82%	86%
	% NH Black	1%	0%	1%	0%	0%	0%
	% Asian/Pac.Isl.	4%	4%	6%	8%	2%	5%
Voter Registration (Nov 2016)	Total	1,808	1,558	1,952	1,504	1,757	8,579
	% Latino est.	5%	4%	4%	11%	9%	6%
	% Spanish-Surnamed	4%	3%	4%	10%	8%	6%
	% Asian-Surnamed	1%	3%	3%	3%	1%	2%
	% Filipino-Surnamed	0%	0%	0%	0%	1%	0%
	% NH White est.	90%	92%	92%	88%	93%	91%
	% NH Black	1%	0%	1%	0%	1%	1%
Voter Turnout (Nov 2016)	Total	1,573	1,386	1,743	1,300	1,494	7,495
	% Latino est.	5%	3%	4%	11%	9%	6%
	% Spanish-Surnamed	4%	3%	3%	10%	8%	5%
	% Asian-Surnamed	2%	3%	3%	4%	2%	3%
	% Filipino-Surnamed	0%	0%	0%	0%	1%	0%
	% NH White est.	89%	91%	92%	88%	93%	91%
	% NH Black	1%	0%	1%	0%	1%	1%
Voter Turnout (Nov 2014)	Total	871	930	1,188	787	763	4,538
	% Latino est.	4%	3%	3%	9%	5%	5%
	% Spanish-Surnamed	4%	3%	3%	8%	4%	4%
	% Asian-Surnamed	2%	2%	2%	4%	2%	3%
	% Filipino-Surnamed	0%	0%	1%	0%	0%	0%
	% NH White est.	93%	94%	92%	87%	93%	92%
	% NH Black est.	0%	1%	1%	0%	0%	1%
ACS Pop. Est.	Total	2,774	2,380	2,523	2,848	2,832	13,358
Age	age0-19	17%	22%	22%	17%	15%	19%
	age20-60	58%	54%	38%	50%	59%	52%
	age60plus	24%	24%	40%	33%	26%	29%
Immigration	immigrants	15%	14%	14%	18%	17%	16%
	naturalized	36%	60%	62%	49%	25%	45%
Language spoken at home	english	81%	87%	88%	80%	78%	83%
	spanish	13%	6%	2%	11%	16%	10%
	asian-lang	1%	1%	3%	4%	1%	2%
	other lang	5%	7%	6%	5%	4%	5%
Language Fluency	Speaks Eng. "Less than Very Well"	6%	4%	4%	6%	7%	5%
Education (among those age 25+)	hs-grad	31%	26%	27%	27%	33%	29%
	bachelor	34%	36%	37%	34%	33%	35%
	graduatedegree	29%	36%	34%	33%	25%	31%
Child in Household	child-under18	19%	27%	22%	20%	17%	21%
Pct of Pop. Age 16+	employed	65%	62%	54%	57%	66%	61%
Household Income	income 0-25k	10%	3%	7%	11%	12%	9%
	income 25-50k	18%	11%	14%	15%	21%	16%
	income 50-75k	16%	14%	16%	12%	17%	15%
	income 75-200k	34%	36%	37%	34%	33%	35%
	income 200k-plus	22%	36%	26%	28%	17%	25%
Housing Stats	single family	51%	80%	83%	73%	42%	64%
	multi-family	49%	20%	17%	27%	58%	36%
	rented	56%	33%	18%	31%	62%	42%
	owned	44%	67%	82%	69%	38%	58%

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Total population data from the 2010 Decennial Census.

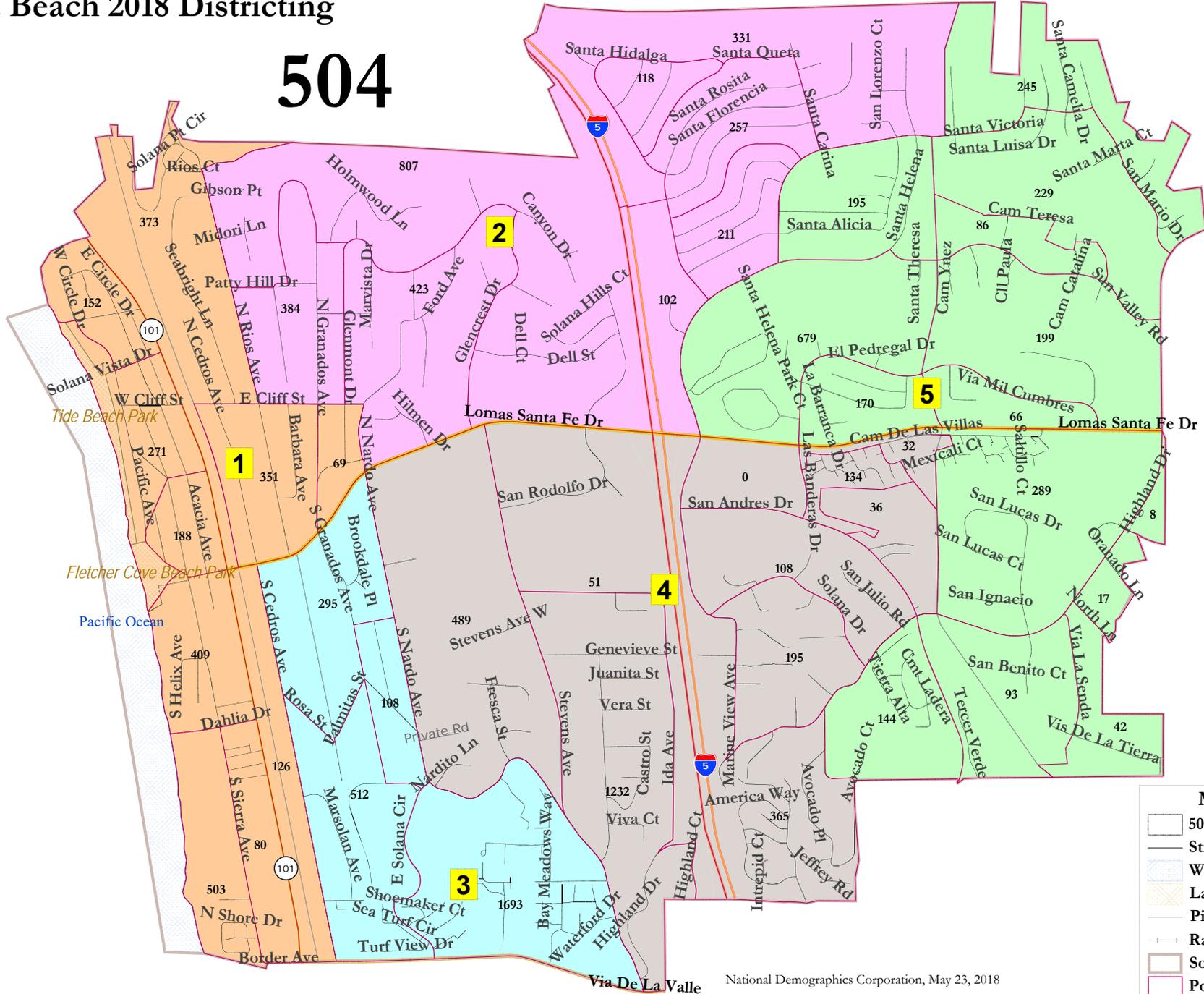
Surname-based Voter Registration and Turnout data from the California Statewide Database.

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.

Solana Beach 2018 Districting

504

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Map layers

	504
	Streets
	Water Area
	Landmark Area
	Pipeline/Power Line
	Railroad
	Solana Beach
	PopUnits

National Demographics Corporation, May 23, 2018

Solana Beach - Map 504

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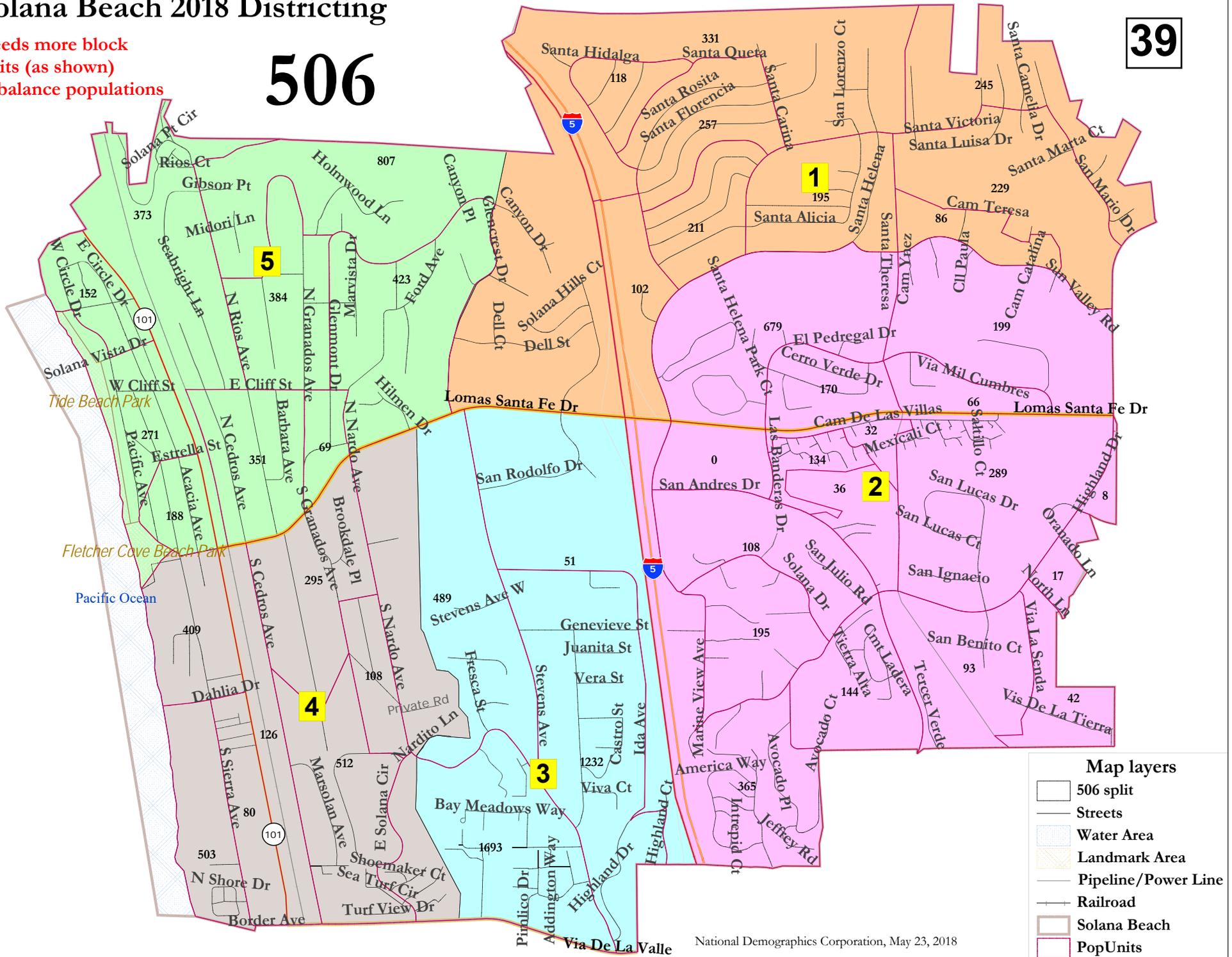
District		1	2	3	4	5	Total
Ideal	Total Pop	2,522	2,630	2,608	2,638	2,460	12,858
2,572	Deviation from ideal	-50	58	36	66	-112	178
	% Deviation	-1.94%	2.26%	1.40%	2.57%	-4.35%	6.92%
Total Pop	% Hisp	12%	8%	19%	33%	6%	16%
	% NH White	82%	84%	75%	59%	86%	77%
	% NH Black	1%	0%	1%	1%	1%	1%
	% Asian-American	3%	6%	4%	5%	5%	5%
Citizen Voting Age Pop	Total	2,094	1,880	2,347	2,072	1,966	10,358
	% Hisp	7%	3%	11%	12%	4%	8%
	% NH White	87%	93%	84%	78%	88%	86%
	% NH Black	1%	0%	0%	0%	1%	0%
	% Asian/Pac.Isl.	5%	4%	2%	8%	6%	5%
Voter Registration (Nov 2016)	Total	1,729	1,813	1,472	1,644	1,921	8,579
	% Latino est.	5%	4%	6%	15%	4%	6%
	% Spanish-Surnamed	4%	3%	5%	13%	3%	6%
	% Asian-Surnamed	1%	3%	1%	3%	3%	2%
	% Filipino-Surnamed	0%	0%	1%	0%	0%	0%
	% NH White est.	94%	91%	88%	90%	92%	91%
	% NH Black	1%	0%	0%	1%	1%	1%
Voter Turnout (Nov 2016)	Total	1,514	1,618	1,271	1,385	1,708	7,495
	% Latino est.	4%	3%	6%	15%	3%	6%
	% Spanish-Surnamed	4%	3%	5%	13%	3%	5%
	% Asian-Surnamed	2%	3%	2%	3%	3%	3%
	% Filipino-Surnamed	0%	0%	0%	0%	0%	0%
	% NH White est.	93%	91%	88%	90%	92%	91%
	% NH Black	1%	0%	0%	1%	1%	1%
Voter Turnout (Nov 2014)	Total	818	1,146	679	765	1,131	4,538
	% Latino est.	4%	4%	3%	11%	3%	5%
	% Spanish-Surnamed	4%	3%	2%	10%	2%	4%
	% Asian-Surnamed	2%	3%	3%	3%	2%	3%
	% Filipino-Surnamed	0%	0%	1%	0%	0%	0%
	% NH White est.	94%	92%	94%	85%	93%	92%
	% NH Black est.	0%	1%	0%	0%	1%	1%
ACS Pop. Est.	Total	2,592	2,531	2,951	2,858	2,426	13,358
Age	age0-19	19%	22%	15%	16%	21%	19%
	age20-60	58%	49%	59%	54%	39%	52%
	age60plus	23%	28%	26%	30%	40%	29%
Immigration	immigrants	15%	13%	17%	18%	15%	16%
	naturalized	43%	63%	25%	39%	64%	45%
Language spoken at home	english	83%	88%	78%	79%	87%	83%
	spanish	11%	4%	17%	13%	3%	10%
	asian-lang	1%	1%	1%	3%	4%	2%
	other lang	6%	7%	4%	5%	6%	5%
Language Fluency	Speaks Eng. "Less than Very Well"	5%	4%	7%	7%	4%	5%
Education (among those age 25+)	hs-grad	29%	26%	33%	30%	26%	29%
	bachelor	34%	37%	32%	33%	37%	35%
	graduatedegree	31%	36%	25%	29%	36%	31%
Child in Household	child-under18	21%	26%	17%	19%	22%	21%
Pct of Pop. Age 16+	employed	65%	60%	66%	61%	53%	61%
Household Income	income 0-25k	9%	4%	13%	12%	8%	9%
	income 25-50k	17%	12%	21%	17%	13%	16%
	income 50-75k	16%	14%	17%	14%	14%	15%
	income 75-200k	34%	36%	33%	34%	37%	35%
	income 200k-plus	25%	34%	17%	24%	28%	25%
Housing Stats	single family	57%	83%	41%	62%	85%	64%
	multi-family	43%	17%	59%	38%	15%	36%
	rented	52%	27%	63%	42%	16%	42%
	owned	48%	73%	37%	58%	84%	58%
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.							

Solana Beach 2018 Districting

Needs more block splits (as shown) to balance populations

506

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Solana Beach - Map 506 (should balance after more block splits)

District		1	2	3	4	5	Total
Ideal	Total Pop	2,183	2,575	3,249	2,247	2,604	12,858
2,572	Deviation from ideal	-389	3	677	-325	32	1,066
	% Deviation	-15.12%	0.12%	26.32%	-12.64%	1.24%	41.45%
Total Pop	% Hisp	9%	7%	37%	13%	7%	16%
	% NH White	83%	84%	57%	81%	88%	77%
	% NH Black	0%	1%	0%	1%	0%	1%
	% Asian-American	7%	6%	4%	4%	3%	5%
Citizen Voting Age Pop	Total	1,556	2,130	2,783	2,065	1,824	10,358
	% Hisp	3%	8%	15%	4%	5%	8%
	% NH White	92%	84%	77%	90%	91%	86%
	% NH Black	0%	1%	0%	1%	1%	0%
	% Asian/Pac.Isl.	5%	7%	4%	5%	3%	5%
Voter Registration (Nov 2016)	Total	1,557	1,938	1,541	1,613	1,930	8,579
	% Latino est.	4%	4%	15%	6%	4%	6%
	% Spanish-Surnamed	4%	3%	14%	5%	4%	6%
	% Asian-Surnamed	3%	3%	2%	2%	2%	2%
	% Filipino-Surnamed	0%	0%	1%	0%	0%	0%
	% NH White est.	95%	93%	89%	88%	91%	91%
	% NH Black	0%	1%	0%	1%	1%	1%
Voter Turnout (Nov 2016)	Total	1,400	1,705	1,297	1,384	1,709	7,495
	% Latino est.	4%	3%	15%	6%	4%	6%
	% Spanish-Surnamed	3%	3%	13%	5%	3%	5%
	% Asian-Surnamed	3%	4%	2%	2%	3%	3%
	% Filipino-Surnamed	1%	0%	0%	0%	0%	0%
	% NH White est.	94%	92%	89%	88%	90%	91%
	% NH Black	0%	1%	0%	1%	1%	1%
Voter Turnout (Nov 2014)	Total	1,009	1,104	630	769	1,026	4,538
	% Latino est.	4%	3%	12%	5%	3%	5%
	% Spanish-Surnamed	3%	3%	11%	4%	2%	4%
	% Asian-Surnamed	2%	3%	3%	3%	2%	3%
	% Filipino-Surnamed	1%	0%	0%	0%	0%	0%
	% NH White est.	92%	92%	86%	92%	95%	92%
	% NH Black est.	1%	1%	0%	0%	1%	1%
ACS Pop. Est.	Total	2,141	2,534	3,677	2,544	2,462	13,358
Age	age0-19	22%	21%	15%	15%	23%	19%
	age20-60	42%	40%	59%	59%	57%	52%
	age60plus	36%	40%	26%	26%	21%	29%
Immigration	immigrants	14%	17%	17%	17%	13%	16%
	naturalized	62%	66%	25%	25%	64%	45%
Language spoken at home	english	88%	85%	78%	78%	88%	83%
	spanish	3%	4%	17%	17%	5%	10%
	asian-lang	2%	5%	1%	1%	0%	2%
	other lang	6%	6%	4%	4%	7%	5%
Language Fluency	Speaks Eng. "Less than Very Well"	4%	5%	7%	7%	4%	5%
Education (among those age 25+)	hs-grad	27%	24%	33%	33%	26%	29%
	bachelor	37%	36%	32%	32%	37%	35%
	graduatedegree	35%	38%	25%	25%	37%	31%
Child in Household	child-under18	23%	22%	17%	17%	29%	21%
Pct of Pop. Age 16+	employed	56%	52%	66%	66%	64%	61%
Household Income	income 0-25k	6%	9%	13%	13%	2%	9%
	income 25-50k	13%	12%	21%	21%	10%	16%
	income 50-75k	15%	11%	17%	17%	13%	15%
	income 75-200k	37%	36%	33%	33%	36%	35%
	income 200k-plus	29%	31%	17%	17%	40%	25%
Housing Stats	single family	83%	90%	41%	41%	83%	64%
	multi-family	17%	10%	59%	59%	17%	36%
	rented	21%	13%	63%	63%	33%	42%
	owned	79%	87%	37%	37%	67%	58%
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.							

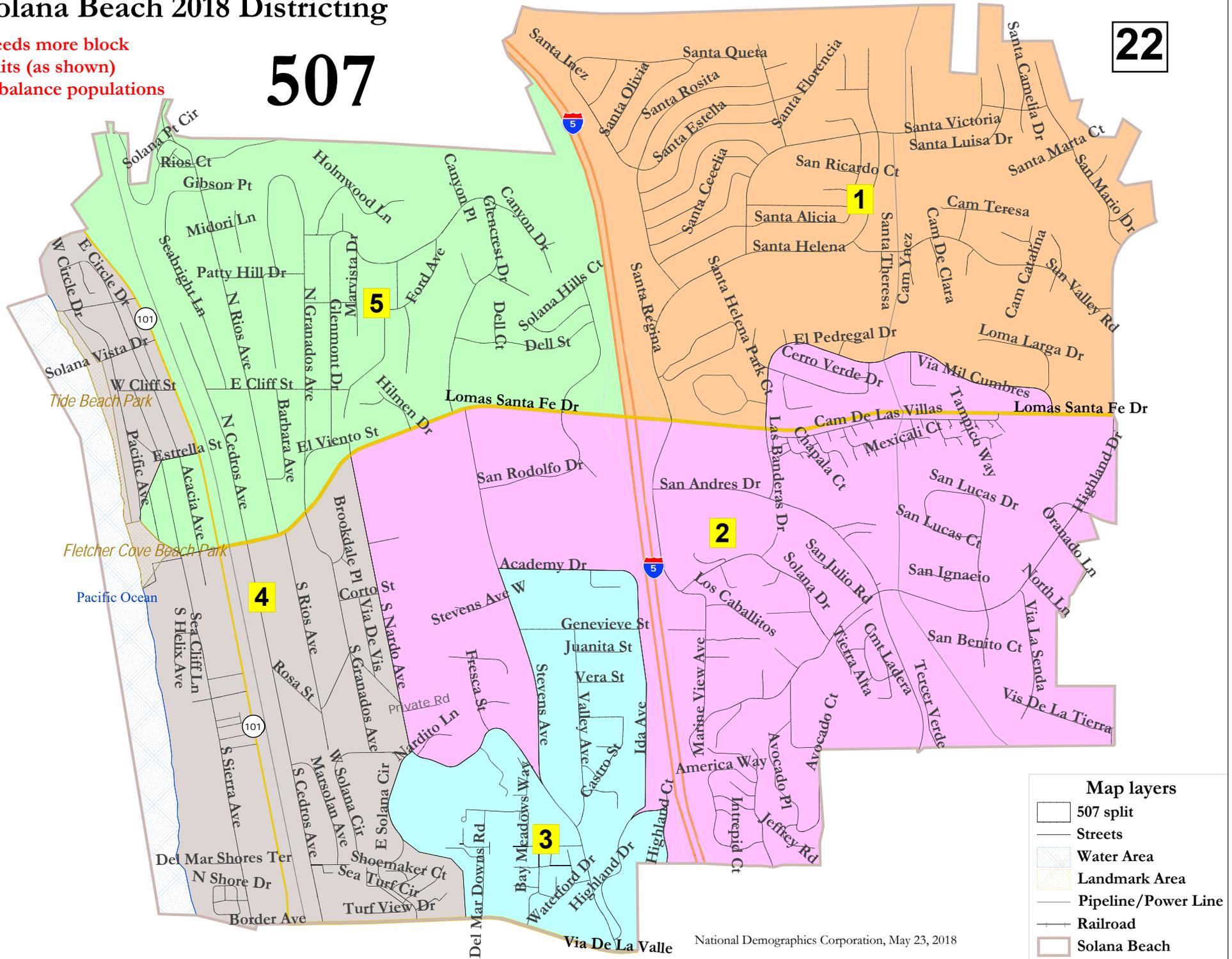
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Solana Beach 2018 Districting

Needs more block splits (as shown) to balance populations

507

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Solana Beach - Map 507 (should balance after more block splits)

District		1	2	3	4	5	Total
Ideal	Total Pop	2,649	2,235	2,925	2,456	2,593	12,858
2,572	Deviation from ideal	77	-337	353	-116	21	690
	% Deviation	2.99%	-13.10%	13.72%	-4.51%	0.82%	26.83%
Total Pop	% Hisp	6%	12%	38%	10%	10%	16%
	% NH White	86%	80%	56%	85%	83%	77%
	% NH Black	1%	1%	0%	1%	0%	1%
	% Asian-American	6%	6%	5%	4%	4%	5%
Citizen Voting Age Pop	Total	2,016	1,734	2,549	2,214	1,844	10,358
	% Hisp	2%	8%	16%	5%	6%	8%
	% NH White	91%	85%	75%	90%	91%	86%
	% NH Black	1%	0%	0%	1%	0%	0%
	% Asian/Pac.Isl.	6%	7%	4%	5%	4%	5%
Voter Registration (Nov 2016)	Total	2,031	1,918	1,169	1,707	1,754	8,579
	% Latino est.	4%	8%	15%	5%	4%	6%
	% Spanish-Surnamed	4%	7%	13%	4%	3%	6%
	% Asian-Surnamed	3%	3%	2%	2%	2%	2%
	% Filipino-Surnamed	1%	0%	1%	0%	0%	0%
	% NH White est.	92%	94%	88%	87%	93%	91%
	% NH Black	1%	1%	0%	1%	0%	1%
Voter Turnout (Nov 2016)	Total	1,818	1,647	991	1,483	1,556	7,495
	% Latino est.	4%	7%	15%	4%	3%	6%
	% Spanish-Surnamed	3%	6%	13%	4%	3%	5%
	% Asian-Surnamed	3%	3%	2%	2%	3%	3%
	% Filipino-Surnamed	1%	0%	0%	0%	0%	0%
	% NH White est.	92%	93%	88%	87%	92%	91%
	% NH Black	1%	1%	0%	1%	0%	1%
Voter Turnout (Nov 2014)	Total	1,261	979	483	823	992	4,538
	% Latino est.	4%	5%	12%	4%	3%	5%
	% Spanish-Surnamed	3%	4%	11%	4%	2%	4%
	% Asian-Surnamed	2%	3%	3%	2%	2%	3%
	% Filipino-Surnamed	1%	0%	0%	0%	0%	0%
	% NH White est.	92%	92%	85%	93%	94%	92%
	% NH Black est.	1%	0%	0%	0%	1%	1%
ACS Pop. Est.	Total	2,617	2,279	3,309	2,700	2,452	13,358
Age	age0-19	22%	18%	15%	16%	23%	19%
	age20-60	38%	45%	59%	59%	57%	52%
	age60plus	40%	36%	26%	25%	21%	29%
Immigration	immigrants	14%	18%	17%	16%	13%	16%
	naturalized	62%	57%	25%	29%	64%	45%
Language spoken at home	english	88%	82%	78%	79%	88%	83%
	spanish	2%	8%	17%	15%	5%	10%
	asian-lang	3%	4%	1%	1%	0%	2%
	other lang	6%	6%	4%	5%	7%	5%
Language Fluency	Speaks Eng. "Less than Very Well"	4%	6%	7%	7%	4%	5%
Education (among those age 25+)	hs-grad	27%	25%	33%	32%	26%	29%
	bachelor	37%	35%	32%	33%	37%	35%
	graduatedegree	34%	36%	25%	26%	37%	31%
Child in Household	child-under18	22%	21%	17%	18%	29%	21%
Pct of Pop. Age 16+	employed	54%	54%	66%	66%	64%	61%
Household Income	income 0-25k	7%	11%	13%	11%	2%	9%
	income 25-50k	14%	13%	21%	20%	10%	16%
	income 50-75k	16%	10%	17%	17%	13%	15%
	income 75-200k	37%	35%	33%	33%	36%	35%
	income 200k-plus	26%	31%	17%	19%	40%	25%
Housing Stats	single family	83%	83%	41%	46%	83%	64%
	multi-family	17%	17%	59%	54%	17%	36%
	rented	18%	21%	63%	59%	33%	42%
	owned	82%	79%	37%	41%	67%	58%
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.							

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