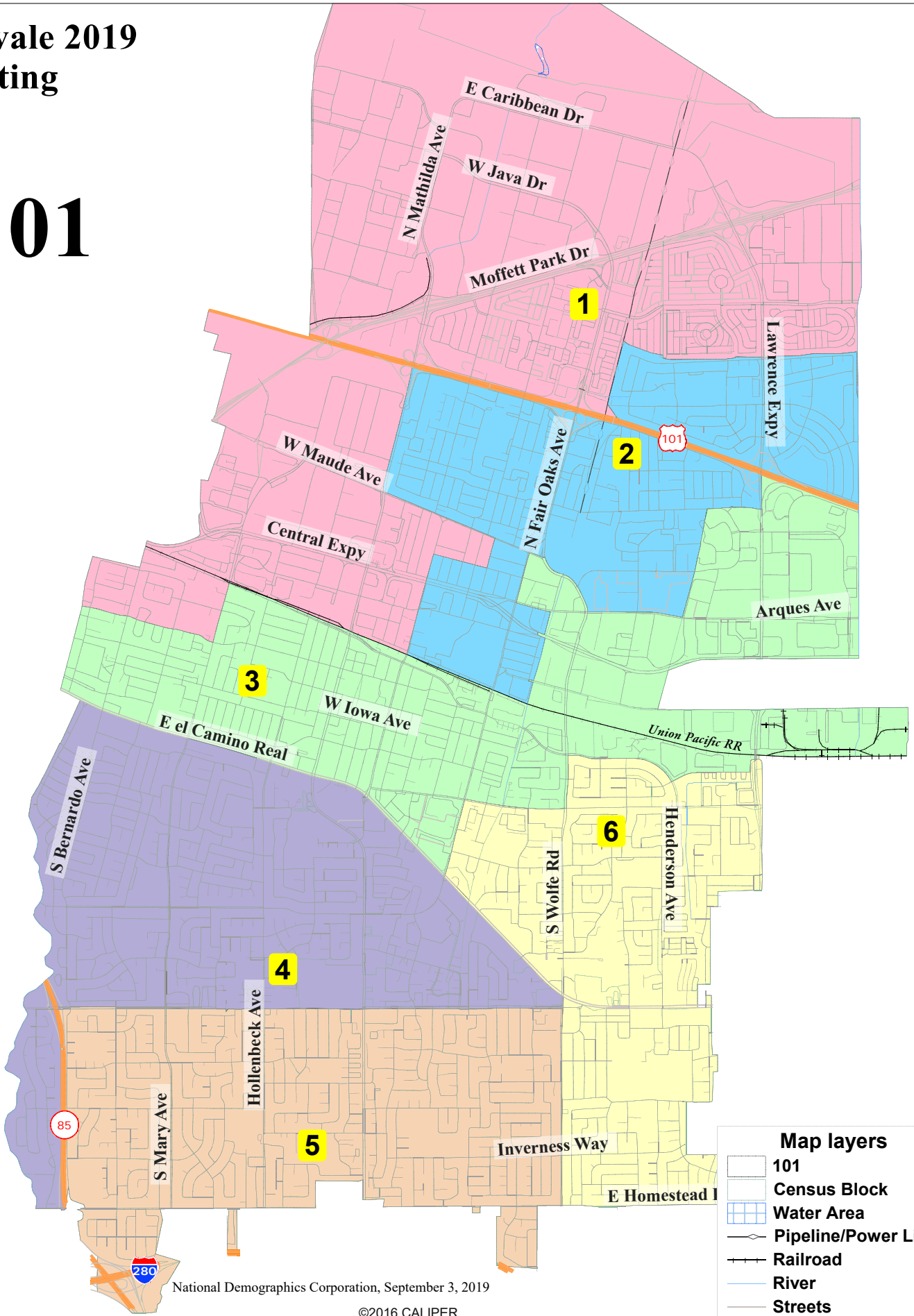


Qualified Maps

Sunnyvale 2019 Districting

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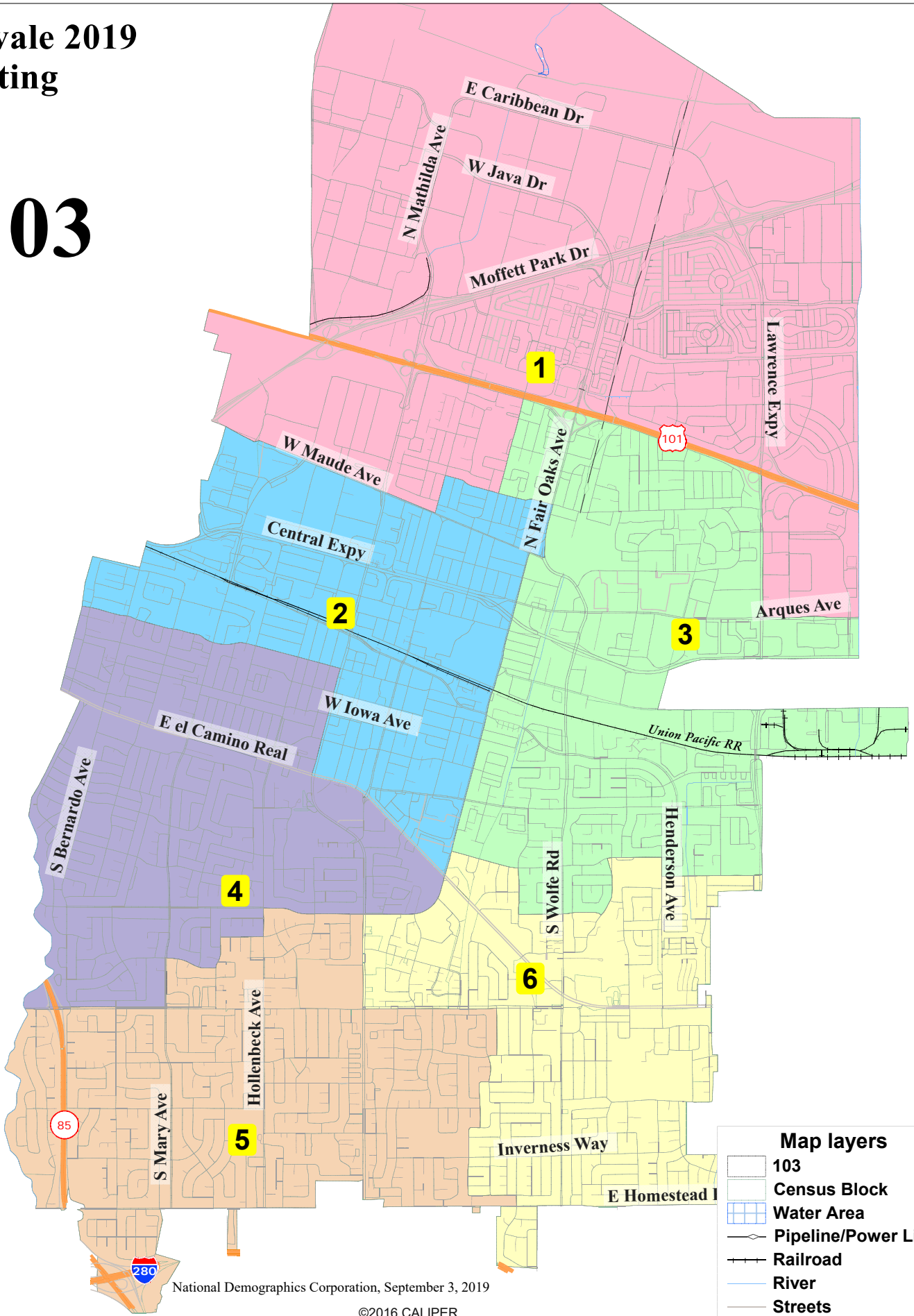
National Demographics Corporation, September 3, 2019

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City of Sunnyvale - Map 101								
District		1	2	3	4	5	6	Total
	Total Pop	24,008	22,902	23,070	23,549	23,924	22,632	140,085
	Deviation from ideal	660	-446	-278	201	576	-716	1,376
	% Deviation	2.83%	-1.91%	-1.19%	0.86%	2.47%	-3.07%	5.89%
Total Pop	% Hisp	20%	42%	18%	9%	9%	18%	19%
	% NH White	36%	21%	30%	45%	41%	34%	34%
	% NH Black	3%	2%	2%	2%	2%	2%	2%
	% Asian-American	40%	33%	47%	43%	48%	44%	43%
	Total	8,365	12,840	9,834	12,659	13,029	12,547	69,274
Citizen Voting Age Pop	% Hisp	20%	25%	17%	7%	6%	13%	14%
	% NH White	50%	31%	46%	57%	48%	48%	46%
	% NH Black	3%	3%	3%	1%	2%	2%	2%
	% Asian/Pac.Isl.	26%	39%	32%	34%	43%	36%	36%
	Total	9,133	8,324	7,825	10,351	11,629	9,526	56,788
Voter Registration (Nov 2018)	% Latino est.	18%	29%	15%	7%	5%	12%	13%
	% Spanish-Surnamed	16%	26%	14%	6%	5%	10%	12%
	% Asian-Surnamed	18%	17%	22%	24%	30%	25%	23%
	% Filipino-Surnamed	2%	6%	2%	1%	1%	2%	2%
	% NH White est.	59%	44%	57%	68%	60%	60%	59%
	% NH Black	3%	4%	4%	1%	3%	2%	3%
	Total	6,386	5,439	5,474	7,880	8,463	6,790	40,432
Voter Turnout (Nov 2018)	% Latino est.	17%	26%	14%	6%	5%	10%	12%
	% Spanish-Surnamed	15%	24%	12%	5%	4%	9%	11%
	% Asian-Surnamed	16%	16%	20%	22%	29%	23%	22%
	% Filipino-Surnamed	2%	6%	2%	1%	1%	2%	2%
	% NH White est.	62%	48%	60%	70%	63%	64%	62%
	% NH Black	3%	4%	4%	1%	3%	2%	3%
	Total	8,730	7,378	6,982	9,409	10,017	8,069	50,585
Voter Turnout (Nov 2016)	% Latino est.	16%	28%	14%	6%	5%	11%	13%
	% Spanish-Surnamed	14%	25%	13%	6%	5%	9%	11%
	% Asian-Surnamed	16%	16%	21%	22%	27%	23%	21%
	% Filipino-Surnamed	2%	6%	2%	1%	1%	2%	2%
	% NH White est.	55%	44%	51%	67%	62%	61%	58%
	% NH Black est.	5%	3%	5%	1%	3%	2%	3%
	Total	16,279	24,365	21,566	25,526	24,670	22,817	135,222
ACS Pop. Est.	age0-19	18%	23%	22%	28%	27%	24%	24%
	age20-60	70%	63%	65%	53%	55%	60%	60%
	age60plus	12%	14%	13%	19%	18%	16%	16%
Immigration	immigrants	51%	45%	48%	45%	51%	50%	48%
	naturalized	27%	42%	33%	38%	48%	38%	38%
Language spoken at home	english	41%	40%	42%	47%	44%	41%	43%
	spanish	14%	28%	16%	5%	4%	8%	12%
	asian-lang	28%	24%	27%	27%	29%	31%	28%
	other lang	17%	8%	15%	21%	23%	20%	17%
Language Fluency	Speaks Eng. "Less than Very Well"	20%	28%	19%	15%	16%	19%	20%
Education (among those age 25+)	hs-grad	26%	41%	28%	23%	24%	28%	29%
	bachelor	30%	24%	29%	34%	35%	31%	31%
	graduatedegree	36%	18%	34%	39%	38%	35%	33%
Child in Household	child-under18	26%	32%	30%	42%	44%	36%	35%
Pct of Pop. Age 16+	employed	72%	70%	70%	62%	62%	65%	67%
Household Income	income 0-25k	8%	10%	11%	8%	8%	9%	9%
	income 25-50k	9%	16%	10%	9%	11%	12%	11%
	income 50-75k	10%	14%	11%	9%	10%	10%	10%
	income 75-200k	48%	44%	44%	42%	38%	44%	43%
	income 200k-plus	25%	16%	25%	33%	33%	25%	27%
Housing Stats	single family	39%	61%	42%	67%	67%	54%	55%
	multi-family	61%	39%	58%	33%	33%	46%	45%
	rented	66%	50%	67%	45%	42%	58%	54%
	owned	34%	50%	33%	55%	58%	42%	46%
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 2013-2017 American Community Survey and Special Tabulation 5-year data.								

Sunnyvale 2019 Districting

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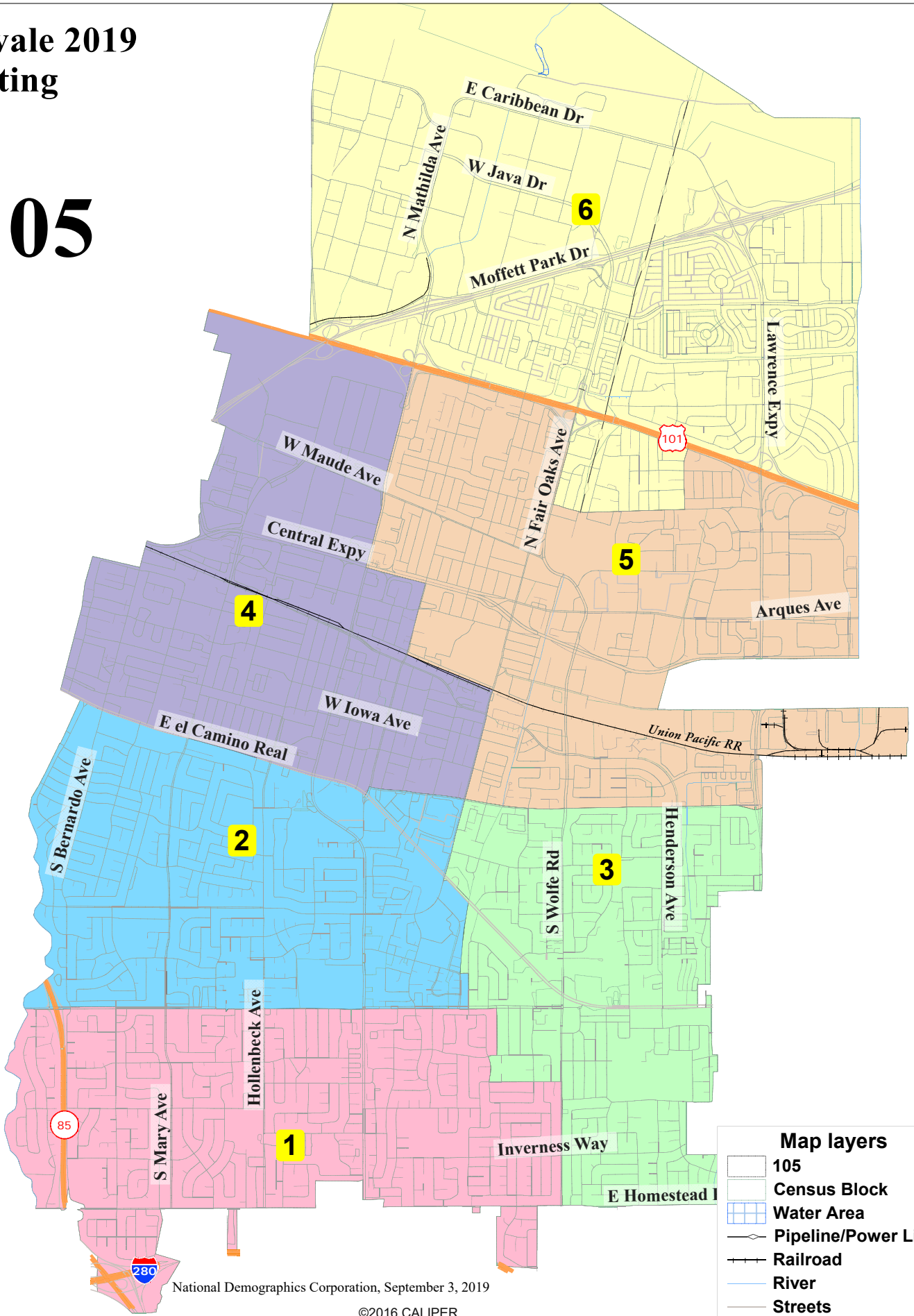
National Demographics Corporation, September 3, 2019

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City of Sunnyvale - Map 103								
District		1	2	3	4	5	6	Total
	Total Pop	24,154	23,238	23,348	23,024	22,751	23,570	140,085
	Deviation from ideal	806	-110	0	-324	-597	222	1,403
	% Deviation	3.45%	-0.47%	0.00%	-1.39%	-2.56%	0.95%	6.01%
Total Pop	% Hisp	26%	26%	26%	13%	8%	15%	19%
	% NH White	31%	30%	26%	42%	44%	35%	34%
	% NH Black	2%	2%	3%	2%	2%	2%	2%
	% Asian-American	38%	40%	44%	42%	45%	47%	43%
	Total	9,112	11,310	11,747	12,390	12,950	11,767	69,274
Citizen Voting Age Pop	% Hisp	22%	21%	18%	10%	6%	12%	14%
	% NH White	35%	49%	41%	54%	49%	48%	46%
	% NH Black	3%	3%	3%	1%	2%	2%	2%
	% Asian/Pac.Isl.	39%	25%	38%	35%	42%	36%	36%
	Total	9,758	8,080	8,581	9,968	11,578	8,823	56,788
Voter Registration (Nov 2018)	% Latino est.	23%	18%	18%	9%	5%	10%	13%
	% Spanish-Surnamed	21%	16%	16%	8%	5%	9%	12%
	% Asian-Surnamed	17%	19%	23%	23%	29%	26%	23%
	% Filipino-Surnamed	4%	2%	3%	1%	1%	1%	2%
	% NH White est.	52%	58%	52%	66%	62%	61%	59%
	% NH Black	3%	3%	4%	1%	2%	2%	3%
	Total	6,559	5,629	5,880	7,492	8,515	6,356	40,432
Voter Turnout (Nov 2018)	% Latino est.	21%	16%	16%	8%	4%	8%	12%
	% Spanish-Surnamed	19%	14%	14%	8%	4%	7%	11%
	% Asian-Surnamed	15%	18%	21%	22%	28%	24%	22%
	% Filipino-Surnamed	4%	2%	3%	1%	1%	1%	2%
	% NH White est.	56%	61%	56%	68%	65%	64%	62%
	% NH Black	3%	4%	4%	1%	2%	2%	3%
	Total	8,804	7,287	7,818	8,867	9,940	7,870	50,585
Voter Turnout (Nov 2016)	% Latino est.	21%	18%	17%	9%	5%	9%	13%
	% Spanish-Surnamed	19%	16%	15%	8%	4%	8%	11%
	% Asian-Surnamed	15%	17%	22%	22%	26%	24%	21%
	% Filipino-Surnamed	4%	2%	3%	1%	1%	1%	2%
	% NH White est.	49%	55%	48%	65%	64%	63%	58%
	% NH Black est.	5%	4%	4%	1%	3%	2%	3%
	Total	18,215	22,465	22,093	24,619	23,762	24,068	135,222
ACS Pop. Est.	age0-19	21%	20%	22%	27%	27%	26%	24%
	age20-60	63%	68%	65%	56%	54%	57%	60%
	age60plus	16%	12%	13%	17%	20%	17%	16%
Immigration	immigrants	46%	49%	51%	43%	49%	51%	48%
	naturalized	41%	31%	33%	37%	50%	39%	38%
Language spoken at home	english	41%	42%	37%	48%	46%	40%	43%
	spanish	22%	18%	18%	10%	4%	6%	12%
	asian-lang	28%	24%	28%	25%	29%	31%	28%
	other lang	9%	16%	17%	17%	22%	23%	17%
Language Fluency	Speaks Eng. "Less than Very Well"	26%	21%	24%	16%	16%	17%	20%
Education (among those age 25+)	hs-grad	39%	27%	30%	29%	23%	26%	29%
	bachelor	24%	31%	28%	30%	36%	33%	31%
	graduatedegree	23%	34%	30%	36%	38%	37%	33%
Child in Household	child-under18	28%	27%	33%	38%	42%	41%	35%
Pct of Pop. Age 16+	employed	69%	71%	70%	65%	61%	64%	67%
Household Income	income 0-25k	9%	10%	11%	9%	7%	8%	9%
	income 25-50k	15%	9%	13%	10%	10%	11%	11%
	income 50-75k	14%	10%	11%	9%	11%	9%	10%
	income 75-200k	43%	47%	45%	42%	37%	45%	43%
	income 200k-plus	18%	25%	20%	31%	34%	28%	27%
Housing Stats	single family	67%	38%	45%	60%	69%	58%	55%
	multi-family	33%	62%	55%	40%	31%	42%	45%
	rented	45%	69%	64%	52%	40%	53%	54%
	owned	55%	31%	36%	48%	60%	47%	46%
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 2013-2017 American Community Survey and Special Tabulation 5-year data.								

Sunnyvale 2019 Districting

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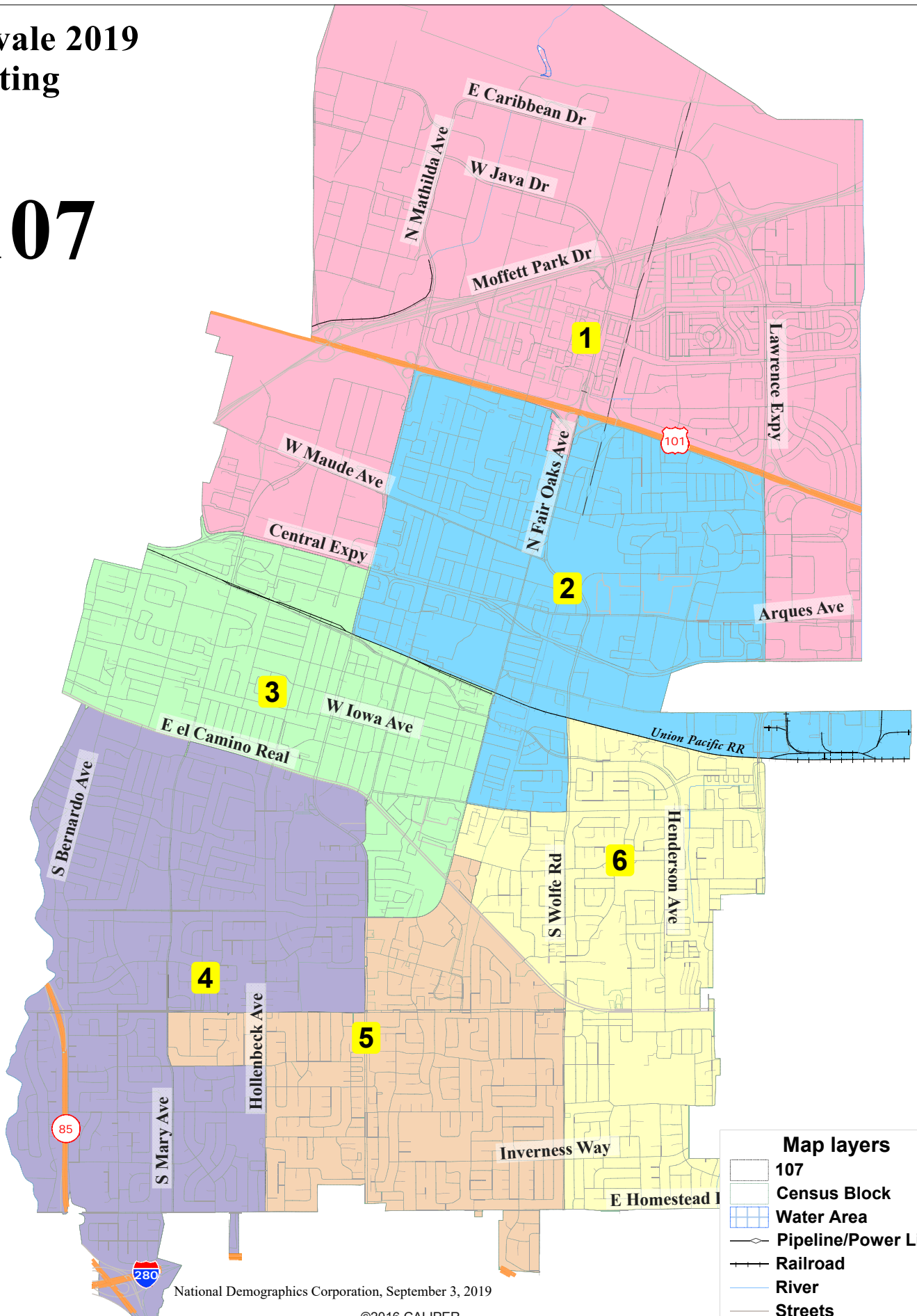
National Demographics Corporation, September 3, 2019

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City of Sunnyvale - Map 105								
District		1	2	3	4	5	6	Total
	Total Pop	23,410	23,148	23,669	23,061	23,245	23,552	140,085
	Deviation from ideal	62	-200	321	-287	-103	204	608
	% Deviation	0.27%	-0.86%	1.37%	-1.23%	-0.44%	0.87%	2.60%
Total Pop	% Hisp	8%	9%	17%	22%	31%	26%	19%
	% NH White	43%	42%	34%	33%	26%	30%	34%
	% NH Black	2%	2%	2%	2%	2%	2%	2%
	% Asian-American	47%	46%	45%	40%	38%	39%	43%
	Total	13,101	11,438	12,384	12,394	10,420	9,537	69,274
Citizen Voting Age Pop	% Hisp	6%	7%	13%	17%	23%	23%	14%
	% NH White	49%	57%	48%	50%	40%	31%	46%
	% NH Black	2%	1%	3%	3%	3%	3%	2%
	% Asian/Pac.Isl.	42%	34%	36%	29%	33%	41%	36%
	Total	11,900	9,226	9,494	8,989	7,741	9,438	56,788
Voter Registration (Nov 2018)	% Latino est.	5%	7%	11%	15%	22%	24%	13%
	% Spanish-Surnamed	5%	6%	10%	14%	20%	22%	12%
	% Asian-Surnamed	30%	23%	25%	21%	19%	18%	23%
	% Filipino-Surnamed	1%	1%	2%	2%	3%	5%	2%
	% NH White est.	61%	68%	61%	60%	51%	50%	59%
	% NH Black	2%	1%	2%	2%	4%	4%	3%
Voter Turnout (Nov 2018)	Total	8,684	7,025	6,789	6,365	5,239	6,330	40,432
	% Latino est.	4%	6%	9%	14%	19%	22%	12%
	% Spanish-Surnamed	4%	6%	8%	12%	17%	20%	11%
	% Asian-Surnamed	29%	22%	23%	19%	18%	15%	22%
	% Filipino-Surnamed	1%	1%	1%	2%	3%	5%	2%
	% NH White est.	64%	70%	64%	63%	55%	54%	62%
% NH Black	2%	1%	2%	3%	5%	4%	3%	
Voter Turnout (Nov 2016)	Total	10,254	8,652	8,032	7,644	7,319	8,685	50,585
	% Latino est.	5%	7%	10%	15%	21%	21%	13%
	% Spanish-Surnamed	4%	6%	9%	13%	19%	19%	11%
	% Asian-Surnamed	28%	22%	23%	19%	19%	16%	21%
	% Filipino-Surnamed	1%	1%	1%	1%	3%	5%	2%
	% NH White est.	63%	65%	61%	59%	46%	49%	58%
% NH Black est.	3%	1%	3%	4%	5%	4%	3%	
ACS Pop. Est.	Total	24,215	23,318	24,001	24,736	22,005	16,947	135,222
Age	age0-19	27%	28%	25%	21%	22%	20%	24%
	age20-60	54%	54%	59%	67%	66%	63%	60%
	age60plus	19%	19%	17%	12%	11%	17%	16%
Immigration	immigrants	50%	45%	50%	47%	48%	46%	48%
	naturalized	49%	37%	39%	32%	30%	44%	38%
Language spoken at home	english	45%	47%	41%	43%	38%	40%	43%
	spanish	4%	5%	8%	15%	24%	22%	12%
	asian-lang	29%	27%	30%	25%	24%	30%	28%
	other lang	22%	21%	21%	16%	14%	7%	17%
Language Fluency	Speaks Eng. "Less than Very Well"	16%	15%	18%	19%	24%	28%	20%
Education (among those age 25+)	hs-grad	24%	24%	28%	29%	29%	41%	29%
	bachelor	36%	33%	32%	30%	28%	24%	31%
	graduatedegree	37%	39%	35%	35%	28%	21%	33%
Child in Household	child-under18	43%	42%	37%	28%	31%	29%	35%
Pct of Pop. Age 16+	employed	62%	62%	64%	70%	73%	68%	67%
Household Income	income 0-25k	7%	8%	9%	10%	8%	11%	9%
	income 25-50k	10%	9%	12%	8%	15%	13%	11%
	income 50-75k	11%	9%	9%	10%	12%	13%	10%
	income 75-200k	38%	42%	44%	46%	43%	45%	43%
	income 200k-plus	34%	32%	26%	26%	21%	17%	27%
Housing Stats	single family	68%	65%	56%	38%	46%	68%	55%
	multi-family	32%	35%	44%	62%	54%	32%	45%
	rented	41%	46%	56%	70%	62%	44%	54%
	owned	59%	54%	44%	30%	38%	56%	46%
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 2013-2017 American Community Survey and Special Tabulation 5-year data.								

Sunnyvale 2019 Districting

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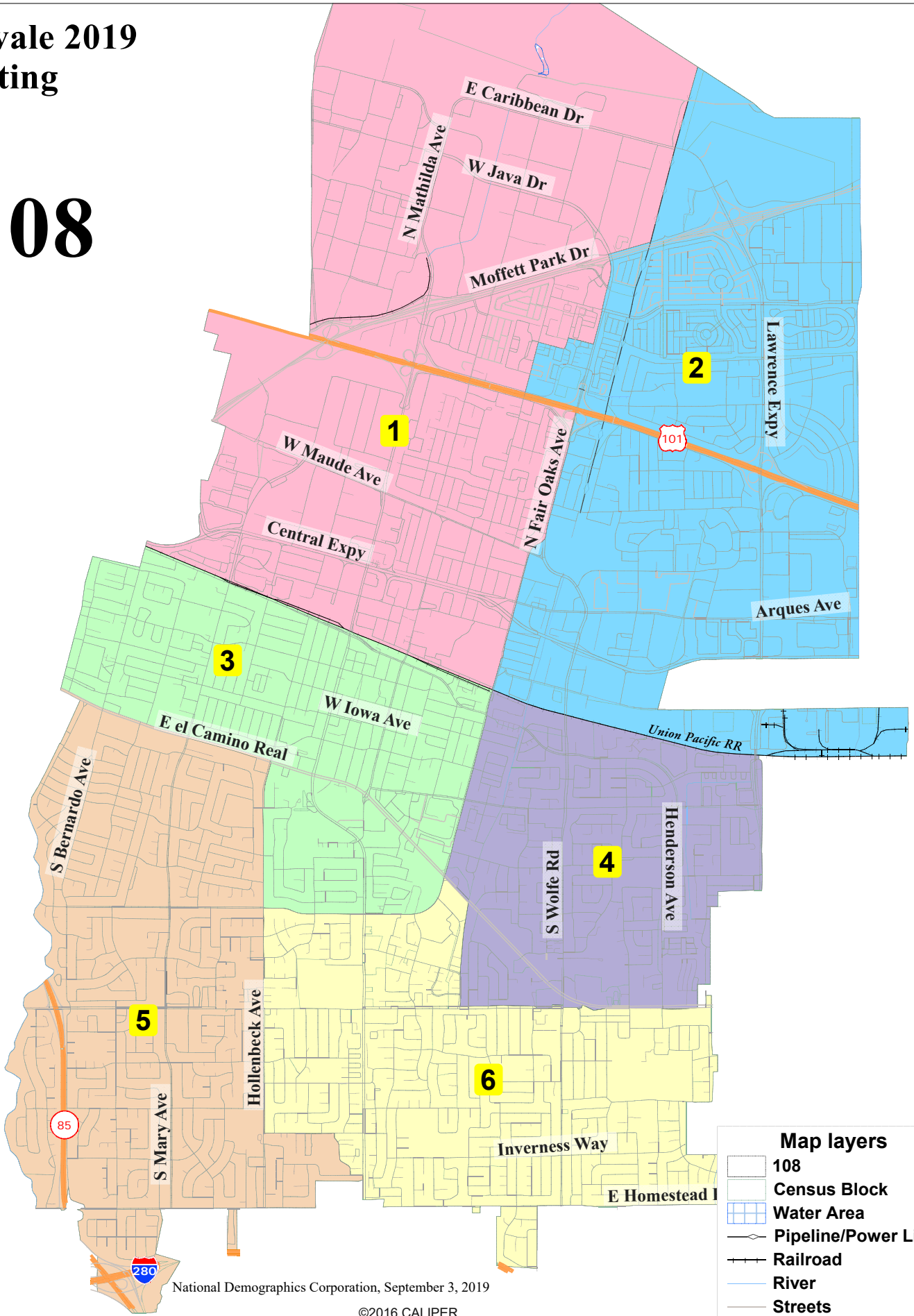
National Demographics Corporation, September 3, 2019

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City of Sunnyvale - Map 107								
District		1	2	3	4	5	6	Total
	Total Pop	23,016	23,764	23,136	23,318	23,436	23,415	140,085
	Deviation from ideal	-332	416	-212	-30	88	67	748
	% Deviation	-1.42%	1.78%	-0.91%	-0.13%	0.38%	0.29%	3.20%
Total Pop	% Hisp	20%	37%	21%	7%	10%	17%	19%
	% NH White	31%	24%	32%	51%	35%	34%	34%
	% NH Black	2%	2%	2%	1%	2%	2%	2%
	% Asian-American	44%	33%	42%	40%	52%	45%	43%
	Total	8,423	11,528	11,612	14,143	11,274	12,295	69,274
Citizen Voting Age Pop	% Hisp	21%	27%	15%	6%	9%	12%	14%
	% NH White	34%	36%	52%	58%	43%	50%	46%
	% NH Black	3%	4%	3%	1%	3%	2%	2%
	% Asian/Pac.Isl.	42%	32%	29%	35%	44%	36%	36%
	Total	9,014	7,761	8,608	12,375	9,250	9,780	56,788
Voter Registration (Nov 2018)	% Latino est.	22%	25%	15%	6%	6%	12%	13%
	% Spanish-Surnamed	20%	23%	13%	5%	6%	10%	12%
	% Asian-Surnamed	18%	18%	21%	26%	30%	25%	23%
	% Filipino-Surnamed	4%	4%	2%	1%	1%	2%	2%
	% NH White est.	53%	48%	60%	67%	59%	60%	59%
	% NH Black	3%	5%	3%	1%	3%	2%	3%
	Total	6,066	5,230	6,105	9,480	6,581	6,970	40,432
Voter Turnout (Nov 2018)	% Latino est.	21%	22%	13%	5%	5%	10%	12%
	% Spanish-Surnamed	18%	20%	12%	5%	5%	9%	11%
	% Asian-Surnamed	16%	17%	20%	24%	28%	23%	22%
	% Filipino-Surnamed	4%	4%	2%	1%	1%	2%	2%
	% NH White est.	56%	52%	63%	69%	63%	64%	62%
	% NH Black	4%	6%	3%	1%	3%	2%	3%
	Total	8,334	7,201	7,606	11,165	7,938	8,342	50,585
Voter Turnout (Nov 2016)	% Latino est.	20%	24%	14%	5%	6%	11%	13%
	% Spanish-Surnamed	18%	21%	13%	5%	5%	10%	11%
	% Asian-Surnamed	16%	17%	20%	23%	27%	23%	21%
	% Filipino-Surnamed	4%	4%	2%	1%	1%	2%	2%
	% NH White est.	50%	46%	57%	67%	61%	60%	58%
	% NH Black est.	5%	5%	3%	1%	3%	2%	3%
	Total	16,601	23,440	23,273	24,729	24,518	22,661	135,222
ACS Pop. Est.	age0-19	19%	23%	22%	27%	27%	23%	24%
	age20-60	65%	66%	64%	50%	57%	60%	60%
	age60plus	16%	11%	13%	22%	16%	16%	16%
Immigration	immigrants	48%	47%	48%	39%	56%	50%	48%
	naturalized	40%	33%	32%	50%	39%	38%	38%
Language spoken at home	english	41%	38%	42%	54%	38%	41%	43%
	spanish	17%	27%	15%	4%	5%	8%	12%
	asian-lang	31%	23%	26%	25%	31%	31%	28%
	other lang	11%	11%	17%	17%	26%	20%	17%
Language Fluency	Speaks Eng. "Less than Very Well"	25%	26%	19%	13%	18%	19%	20%
Education (among those age 25+)	hs-grad	36%	33%	29%	24%	24%	28%	29%
	bachelor	26%	27%	30%	33%	35%	31%	31%
	graduatedegree	27%	24%	35%	38%	38%	35%	33%
Child in Household	child-under18	26%	32%	30%	40%	45%	35%	35%
Pct of Pop. Age 16+	employed	68%	74%	69%	60%	64%	65%	67%
Household Income	income 0-25k	9%	10%	10%	8%	8%	9%	9%
	income 25-50k	12%	15%	9%	8%	11%	12%	11%
	income 50-75k	12%	12%	10%	9%	10%	10%	10%
	income 75-200k	46%	44%	45%	37%	43%	44%	43%
	income 200k-plus	21%	19%	25%	38%	28%	26%	27%
Housing Stats	single family	63%	47%	37%	81%	55%	54%	55%
	multi-family	37%	53%	63%	19%	45%	46%	45%
	rented	47%	61%	71%	32%	54%	57%	54%
	owned	53%	39%	29%	68%	46%	43%	46%
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 2013-2017 American Community Survey and Special Tabulation 5-year data.								

Sunnyvale 2019 Districting

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Map layers

- 108
- Census Block
- Water Area
- Pipeline/Power Line
- Railroad
- River
- Streets

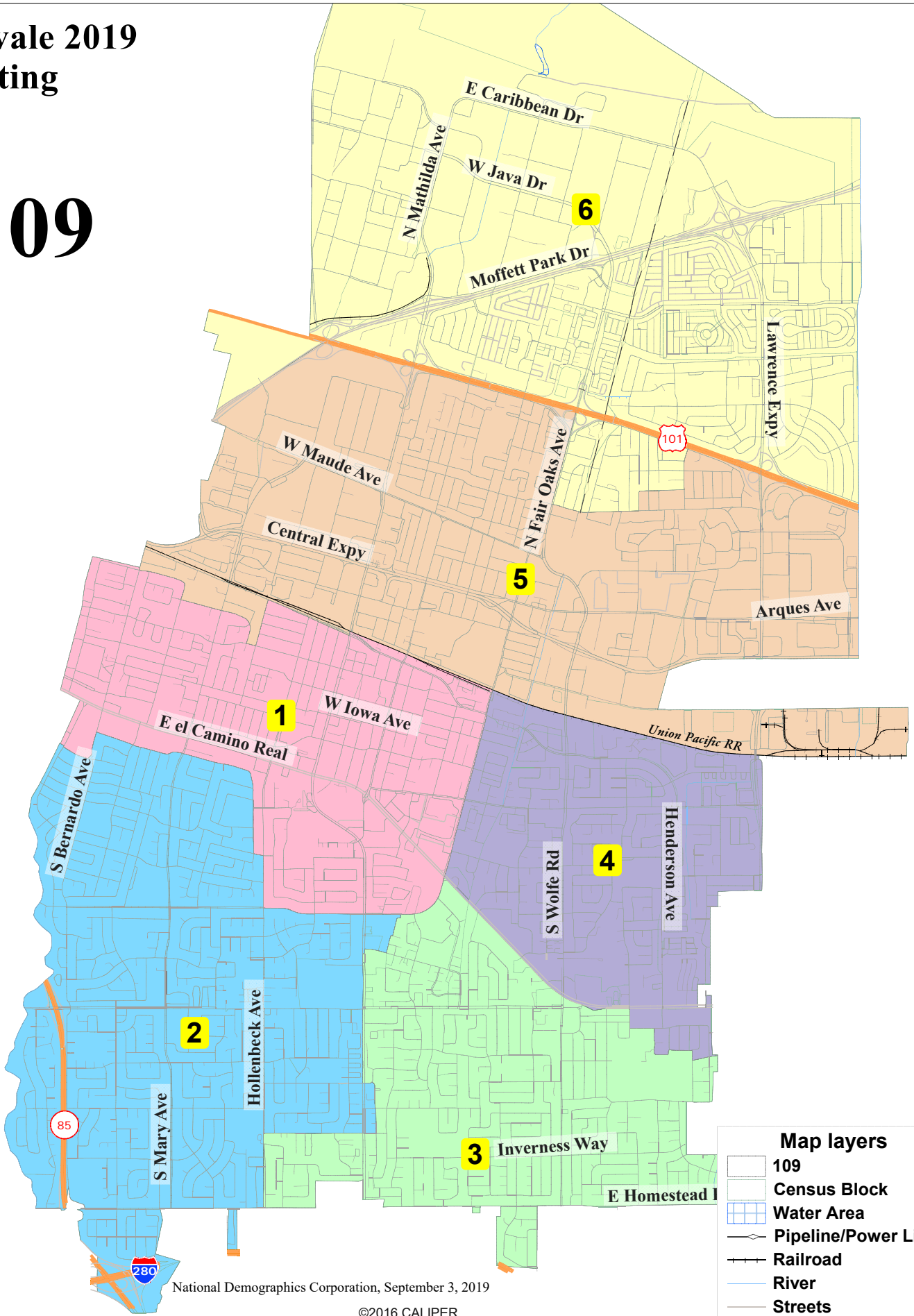
National Demographics Corporation, September 3, 2019

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City of Sunnyvale - Map 108								
District		1	2	3	4	5	6	Total
	Total Pop	23,128	22,588	23,473	23,975	24,007	22,914	140,085
	Deviation from ideal	-220	-760	125	627	659	-434	1,419
	% Deviation	-0.94%	-3.26%	0.54%	2.69%	2.82%	-1.86%	6.08%
Total Pop	% Hisp	30%	27%	21%	18%	9%	9%	19%
	% NH White	27%	30%	33%	29%	45%	41%	34%
	% NH Black	2%	2%	2%	3%	1%	1%	2%
	% Asian-American	38%	38%	42%	48%	43%	46%	43%
	Total	10,035	10,038	12,009	11,323	13,765	12,104	69,274
Citizen Voting Age Pop	% Hisp	26%	23%	14%	15%	6%	7%	14%
	% NH White	41%	30%	53%	46%	54%	49%	46%
	% NH Black	3%	3%	2%	3%	2%	2%	2%
	% Asian/Pac.Isl.	29%	43%	30%	36%	37%	41%	36%
	Total	7,589	9,368	8,828	8,728	11,900	10,375	56,788
Voter Registration (Nov 2018)	% Latino est.	21%	25%	15%	12%	6%	6%	13%
	% Spanish-Surnamed	19%	22%	13%	11%	5%	6%	12%
	% Asian-Surnamed	19%	17%	21%	25%	27%	27%	23%
	% Filipino-Surnamed	3%	5%	1%	2%	1%	1%	2%
	% NH White est.	55%	48%	61%	58%	64%	63%	59%
	% NH Black	3%	4%	2%	3%	2%	2%	3%
Voter Turnout (Nov 2018)	Total	5,199	6,259	6,252	6,082	8,903	7,738	40,432
	% Latino est.	19%	23%	13%	10%	5%	5%	12%
	% Spanish-Surnamed	17%	21%	12%	9%	5%	5%	11%
	% Asian-Surnamed	17%	15%	20%	24%	26%	26%	22%
	% Filipino-Surnamed	2%	5%	1%	2%	1%	1%	2%
	% NH White est.	58%	52%	64%	61%	67%	66%	62%
Voter Turnout (Nov 2016)	% NH Black	3%	5%	2%	3%	2%	2%	3%
	Total	7,031	8,589	7,621	7,474	10,668	9,202	50,585
	% Latino est.	21%	22%	14%	11%	6%	6%	13%
	% Spanish-Surnamed	19%	19%	12%	10%	5%	5%	11%
	% Asian-Surnamed	16%	16%	20%	25%	24%	25%	21%
	% Filipino-Surnamed	2%	5%	1%	2%	1%	1%	2%
ACS Pop. Est.	% NH White est.	53%	46%	59%	56%	65%	64%	58%
	% NH Black est.	5%	3%	3%	4%	2%	3%	3%
Age	Total	20,935	18,300	23,989	22,799	25,253	23,945	135,222
	age0-19	21%	21%	24%	22%	27%	28%	24%
	age20-60	68%	64%	62%	62%	52%	55%	60%
Immigration	age60plus	11%	15%	15%	16%	21%	17%	16%
	immigrants	48%	46%	46%	54%	43%	51%	48%
Language spoken at home	naturalized	29%	45%	33%	32%	49%	43%	38%
	english	40%	40%	44%	37%	51%	41%	43%
	spanish	22%	23%	16%	9%	4%	5%	12%
	asian-lang	23%	29%	26%	31%	27%	30%	28%
Language Fluency	other lang	15%	7%	15%	23%	19%	23%	17%
	Speaks Eng. "Less than Very Well"	23%	28%	19%	20%	15%	15%	20%
Education (among those age 25+)	hs-grad	28%	41%	31%	25%	25%	25%	29%
	bachelor	30%	24%	29%	31%	34%	34%	31%
	graduatedegree	30%	21%	33%	37%	37%	38%	33%
Child in Household	child-under18	29%	29%	32%	33%	41%	46%	35%
Pct of Pop. Age 16+	employed	73%	69%	68%	65%	61%	64%	67%
Household Income	income 0-25k	8%	11%	11%	9%	8%	7%	9%
	income 25-50k	14%	12%	9%	12%	9%	11%	11%
	income 50-75k	12%	12%	11%	10%	10%	9%	10%
	income 75-200k	44%	48%	44%	45%	37%	43%	43%
	income 200k-plus	23%	17%	25%	24%	35%	32%	27%
Housing Stats	single family	45%	63%	42%	45%	74%	66%	55%
	multi-family	55%	37%	58%	55%	26%	34%	45%
	rented	62%	46%	68%	64%	38%	44%	54%
	owned	38%	54%	32%	36%	62%	56%	46%
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 2013-2017 American Community Survey and Special Tabulation 5-year data.								

Sunnyvale 2019 Districting

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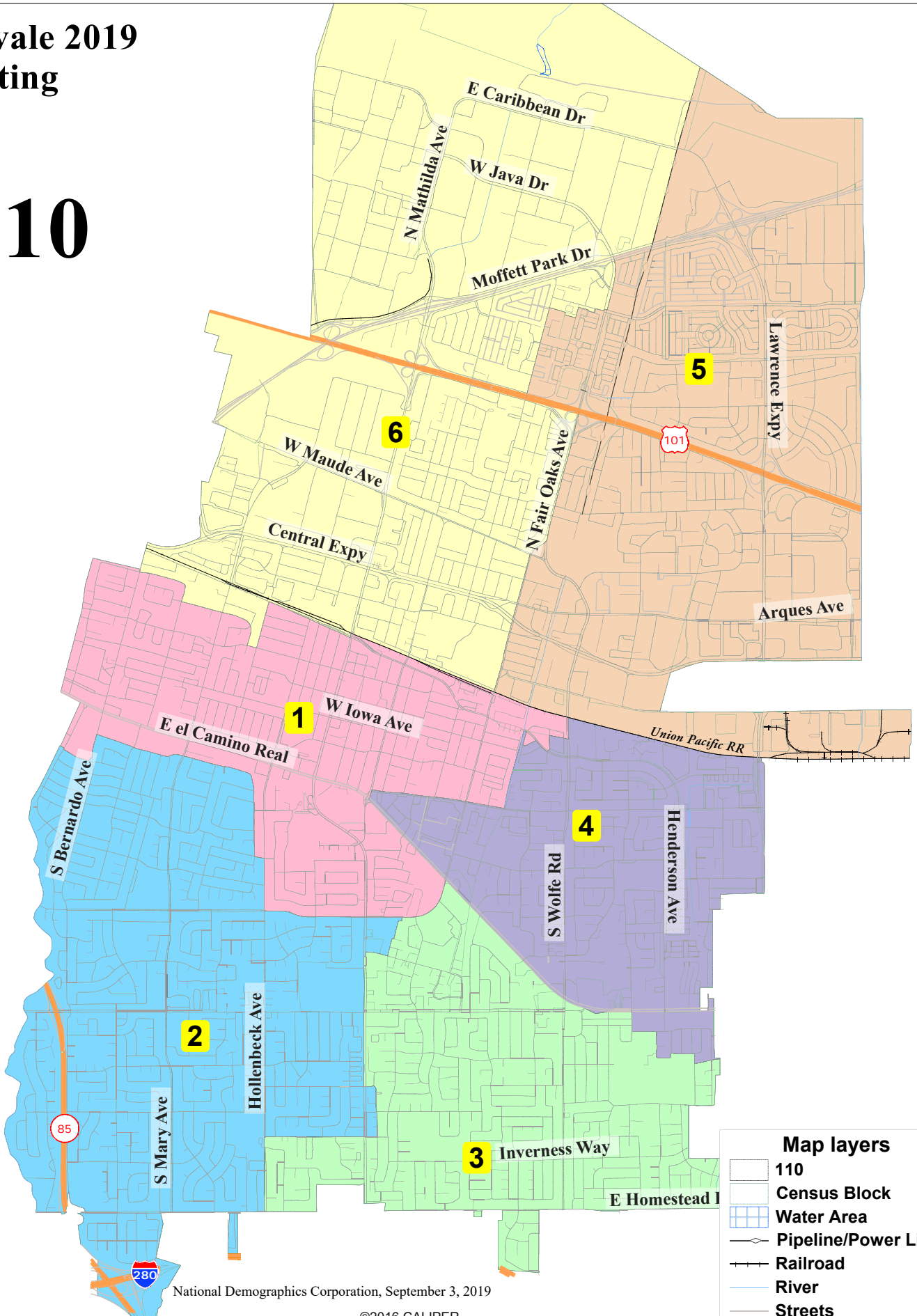
National Demographics Corporation, September 3, 2019

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City of Sunnyvale - Map 109								
District		1	2	3	4	5	6	Total
	Total Pop	23,373	23,348	23,353	23,318	23,344	23,349	140,085
	Deviation from ideal	25	0	5	-30	-4	1	55
	% Deviation	0.11%	0.00%	0.02%	-0.13%	-0.02%	0.00%	0.24%
Total Pop	% Hisp	19%	7%	10%	19%	32%	26%	19%
	% NH White	34%	51%	36%	29%	27%	30%	34%
	% NH Black	2%	1%	2%	3%	2%	2%	2%
	% Asian-American	43%	40%	51%	47%	36%	39%	43%
	Total	11,890	14,227	11,271	11,260	11,266	9,359	69,274
Citizen Voting Age Pop	% Hisp	14%	5%	8%	16%	24%	23%	14%
	% NH White	53%	57%	46%	46%	40%	31%	46%
	% NH Black	2%	1%	3%	3%	3%	3%	2%
	% Asian/Pac.Isl.	30%	36%	42%	36%	31%	41%	36%
	Total	8,862	12,495	9,634	8,548	7,889	9,360	56,788
Voter Registration (Nov 2018)	% Latino est.	14%	5%	7%	12%	22%	24%	13%
	% Spanish-Surnamed	13%	4%	7%	11%	20%	22%	12%
	% Asian-Surnamed	21%	26%	29%	25%	18%	18%	23%
	% Filipino-Surnamed	1%	1%	1%	2%	3%	5%	2%
	% NH White est.	61%	67%	59%	58%	53%	50%	59%
	% NH Black	2%	1%	3%	3%	4%	4%	3%
	Total	6,299	9,612	6,888	5,969	5,385	6,278	40,432
Voter Turnout (Nov 2018)	% Latino est.	13%	4%	6%	10%	20%	22%	12%
	% Spanish-Surnamed	11%	4%	6%	9%	18%	20%	11%
	% Asian-Surnamed	20%	25%	27%	23%	17%	15%	22%
	% Filipino-Surnamed	1%	1%	1%	2%	3%	5%	2%
	% NH White est.	64%	69%	63%	61%	57%	54%	62%
	% NH Black	2%	1%	3%	3%	4%	4%	3%
	Total	7,726	11,440	8,189	7,361	7,259	8,611	50,585
Voter Turnout (Nov 2016)	% Latino est.	13%	5%	7%	12%	21%	21%	13%
	% Spanish-Surnamed	12%	4%	6%	10%	19%	19%	11%
	% Asian-Surnamed	20%	24%	26%	24%	16%	16%	21%
	% Filipino-Surnamed	1%	1%	1%	2%	3%	5%	2%
	% NH White est.	58%	67%	62%	55%	50%	49%	58%
	% NH Black est.	3%	2%	3%	4%	4%	4%	3%
	Total	23,887	24,506	24,565	21,993	23,530	16,743	135,222
ACS Pop. Est.	age0-19	24%	27%	28%	22%	21%	20%	24%
	age20-60	61%	51%	56%	63%	68%	63%	60%
	age60plus	15%	21%	16%	16%	11%	17%	16%
Immigration	immigrants	46%	42%	53%	53%	47%	46%	48%
	naturalized	33%	50%	41%	33%	31%	44%	38%
Language spoken at home	english	44%	51%	40%	38%	40%	40%	43%
	spanish	15%	3%	5%	9%	23%	22%	12%
	asian-lang	26%	27%	31%	31%	22%	31%	28%
	other lang	15%	19%	24%	22%	14%	7%	17%
Language Fluency	Speaks Eng. "Less than Very Well"	18%	14%	17%	20%	23%	28%	20%
Education (among those age 25+)	hs-grad	30%	24%	25%	25%	29%	41%	29%
	bachelor	29%	34%	35%	31%	29%	24%	31%
	graduatedegree	33%	39%	37%	37%	29%	21%	33%
Child in Household	child-under18	33%	41%	46%	33%	29%	29%	35%
Pct of Pop. Age 16+	employed	67%	61%	65%	65%	73%	68%	67%
Household Income	income 0-25k	11%	8%	7%	9%	8%	11%	9%
	income 25-50k	9%	9%	11%	12%	12%	13%	11%
	income 50-75k	11%	10%	9%	10%	11%	13%	10%
	income 75-200k	43%	37%	43%	44%	47%	45%	43%
	income 200k-plus	26%	37%	30%	24%	22%	17%	27%
Housing Stats	single family	44%	76%	61%	47%	44%	68%	55%
	multi-family	56%	24%	39%	53%	56%	32%	45%
	rented	67%	35%	48%	63%	62%	44%	54%
	owned	33%	65%	52%	37%	38%	56%	46%
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 2013-2017 American Community Survey and Special Tabulation 5-year data.								

Sunnyvale 2019 Districting

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Map layers

- 110
- Census Block
- Water Area
- Pipeline/Power Line
- Railroad
- River
- Streets

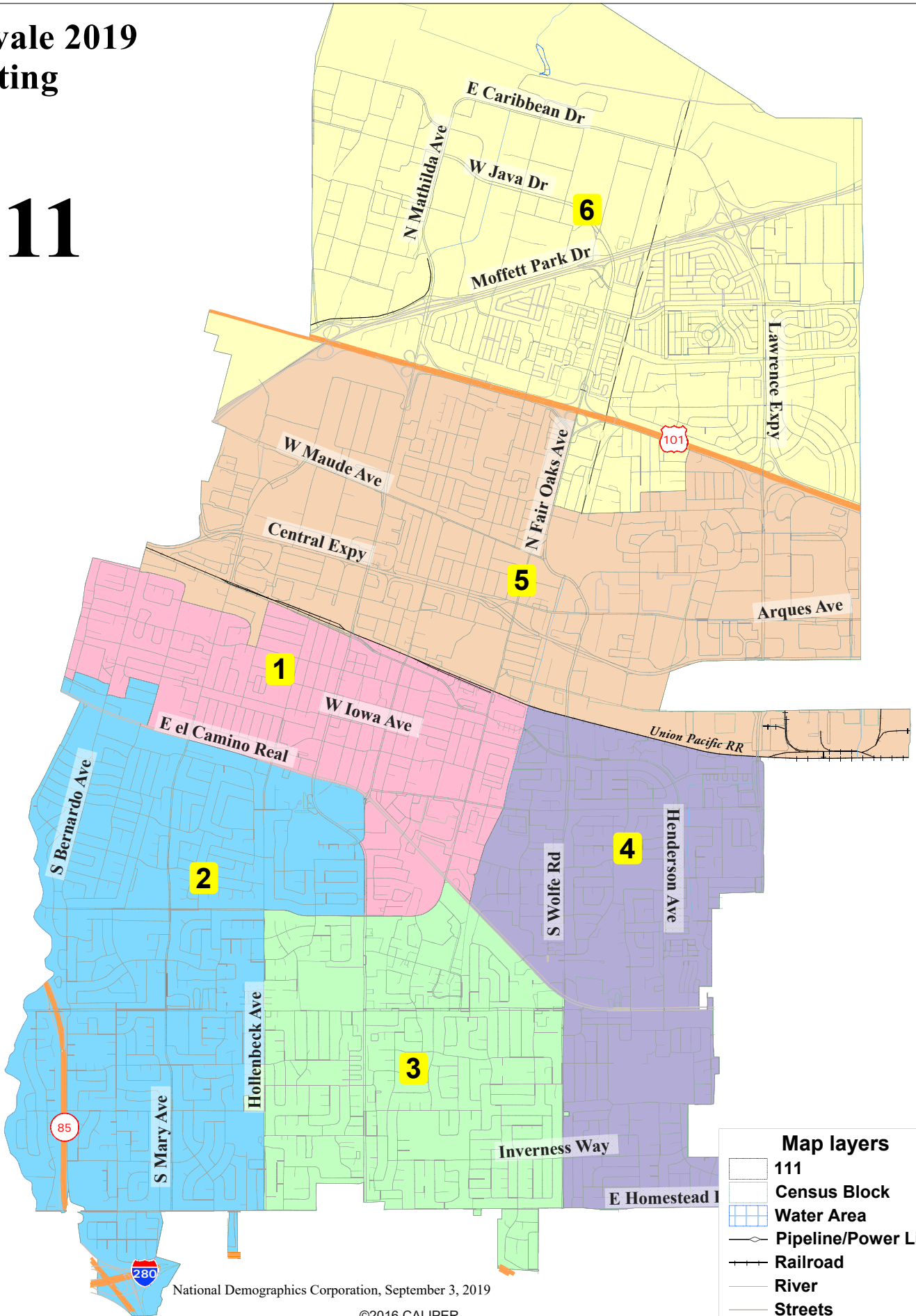
National Demographics Corporation, September 3, 2019

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City of Sunnyvale - Map 110								
District		1	2	3	4	5	6	Total
	Total Pop	23,344	23,348	23,353	23,347	23,349	23,344	140,085
	Deviation from ideal	-4	0	5	-1	1	-4	9
	% Deviation	-0.02%	0.00%	0.02%	0.00%	0.00%	-0.02%	0.04%
Total Pop	% Hisp	21%	7%	10%	17%	27%	32%	19%
	% NH White	34%	51%	36%	28%	30%	28%	34%
	% NH Black	3%	1%	2%	2%	2%	2%	2%
	% Asian-American	40%	40%	51%	50%	39%	36%	43%
	Total	12,528	14,227	11,271	10,623	10,155	10,470	69,274
Citizen Voting Age Pop	% Hisp	15%	5%	8%	14%	23%	25%	14%
	% NH White	51%	57%	46%	47%	30%	42%	46%
	% NH Black	2%	1%	3%	2%	3%	3%	2%
	% Asian/Pac.Isl.	30%	36%	42%	36%	42%	29%	36%
	Total	9,293	12,495	9,634	8,117	9,418	7,831	56,788
Voter Registration (Nov 2018)	% Latino est.	14%	5%	7%	12%	25%	21%	13%
	% Spanish-Surnamed	13%	4%	7%	11%	22%	19%	12%
	% Asian-Surnamed	21%	26%	29%	25%	17%	18%	23%
	% Filipino-Surnamed	1%	1%	1%	2%	5%	3%	2%
	% NH White est.	60%	67%	59%	58%	48%	55%	59%
	% NH Black	3%	1%	3%	2%	4%	3%	3%
	Total	6,615	9,612	6,888	5,653	6,295	5,369	40,432
Voter Turnout (Nov 2018)	% Latino est.	13%	4%	6%	10%	23%	19%	12%
	% Spanish-Surnamed	11%	4%	6%	9%	21%	17%	11%
	% Asian-Surnamed	20%	25%	27%	24%	15%	17%	22%
	% Filipino-Surnamed	1%	1%	1%	2%	5%	2%	2%
	% NH White est.	63%	69%	63%	62%	52%	59%	62%
	% NH Black	3%	1%	3%	2%	5%	3%	3%
	Total	7,974	11,440	8,189	7,113	8,633	7,238	50,585
Voter Turnout (Nov 2016)	% Latino est.	13%	5%	7%	12%	21%	21%	13%
	% Spanish-Surnamed	12%	4%	6%	10%	19%	19%	11%
	% Asian-Surnamed	20%	24%	26%	24%	16%	16%	21%
	% Filipino-Surnamed	1%	1%	1%	2%	5%	2%	2%
	% NH White est.	59%	67%	62%	55%	46%	54%	58%
	% NH Black est.	4%	2%	3%	2%	3%	5%	3%
	Total	25,460	24,506	24,565	20,420	18,542	21,730	135,222
ACS Pop. Est.	age0-19	24%	27%	28%	22%	21%	21%	24%
	age20-60	62%	51%	56%	62%	64%	68%	60%
	age60plus	15%	21%	16%	16%	15%	11%	16%
Immigration	immigrants	46%	42%	53%	53%	46%	48%	48%
	naturalized	33%	50%	41%	33%	45%	29%	38%
Language spoken at home	english	44%	51%	40%	38%	40%	40%	43%
	spanish	15%	3%	5%	9%	23%	22%	12%
	asian-lang	26%	27%	31%	31%	29%	23%	28%
	other lang	16%	19%	24%	22%	7%	15%	17%
Language Fluency	Speaks Eng. "Less than Very Well"	19%	14%	17%	20%	28%	23%	20%
Education (among those age 25+)	hs-grad	29%	24%	25%	26%	40%	29%	29%
	bachelor	30%	34%	35%	31%	24%	29%	31%
	graduatedegree	34%	39%	37%	36%	21%	30%	33%
Child in Household	child-under18	32%	41%	46%	33%	29%	29%	35%
Pct of Pop. Age 16+	employed	68%	61%	65%	65%	69%	73%	67%
Household Income	income 0-25k	10%	8%	7%	10%	11%	8%	9%
	income 25-50k	10%	9%	11%	12%	12%	13%	11%
	income 50-75k	11%	10%	9%	10%	12%	11%	10%
	income 75-200k	43%	37%	43%	44%	48%	44%	43%
	income 200k-plus	26%	37%	30%	24%	17%	23%	27%
Housing Stats	single family	44%	76%	61%	46%	63%	45%	55%
	multi-family	56%	24%	39%	54%	37%	55%	45%
	rented	66%	35%	48%	64%	46%	62%	54%
	owned	34%	65%	52%	36%	54%	38%	46%
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 2013-2017 American Community Survey and Special Tabulation 5-year data.								

Sunnyvale 2019 Districting

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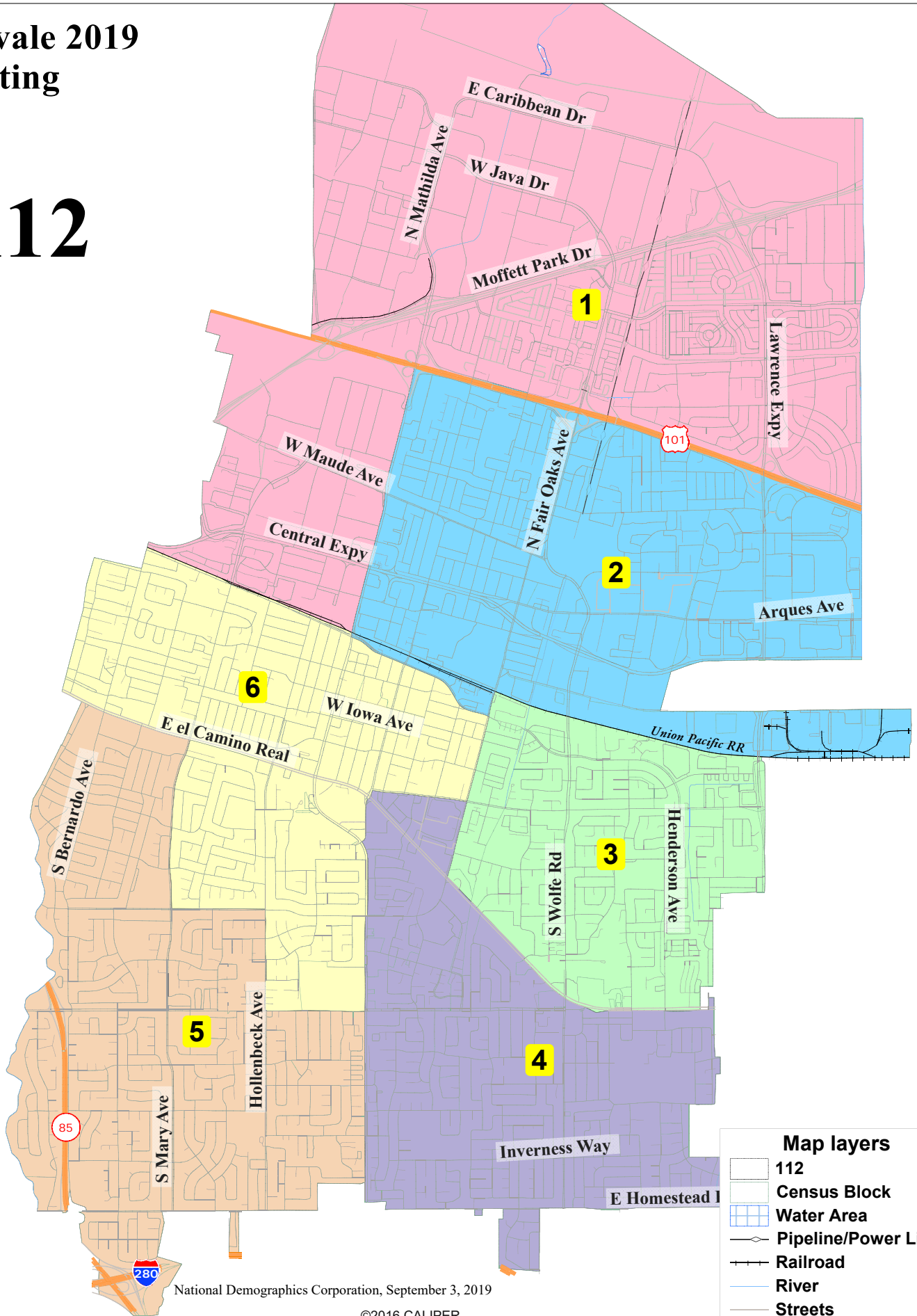
National Demographics Corporation, September 3, 2019

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City of Sunnyvale - Map 111								
District		1	2	3	4	5	6	Total
	Total Pop	23,351	23,353	23,352	23,336	23,344	23,349	140,085
	Deviation from ideal	3	5	4	-12	-4	1	17
	% Deviation	0.01%	0.02%	0.02%	-0.05%	-0.02%	0.00%	0.07%
Total Pop	% Hisp	23%	7%	9%	15%	32%	26%	19%
	% NH White	29%	49%	36%	35%	27%	30%	34%
	% NH Black	2%	1%	2%	2%	2%	2%	2%
	% Asian-American	43%	41%	51%	46%	36%	39%	43%
	Total	11,274	14,000	11,208	12,166	11,266	9,359	69,274
Citizen Voting Age Pop	% Hisp	18%	6%	6%	12%	24%	23%	14%
	% NH White	50%	57%	45%	49%	40%	31%	46%
	% NH Black	3%	1%	3%	2%	3%	3%	2%
	% Asian/Pac.Isl.	29%	35%	44%	37%	31%	41%	36%
	Total	7,887	12,190	9,531	9,931	7,889	9,360	56,788
Voter Registration (Nov 2018)	% Latino est.	16%	6%	6%	11%	22%	24%	13%
	% Spanish-Surnamed	14%	5%	6%	10%	20%	22%	12%
	% Asian-Surnamed	21%	26%	30%	25%	18%	18%	23%
	% Filipino-Surnamed	2%	1%	1%	2%	3%	5%	2%
	% NH White est.	59%	67%	60%	60%	53%	50%	59%
	% NH Black	3%	1%	3%	2%	4%	4%	3%
	Total	5,512	9,315	6,820	7,122	5,385	6,278	40,432
Voter Turnout (Nov 2018)	% Latino est.	14%	5%	5%	9%	20%	22%	12%
	% Spanish-Surnamed	12%	5%	5%	8%	18%	20%	11%
	% Asian-Surnamed	20%	24%	27%	23%	17%	15%	22%
	% Filipino-Surnamed	2%	1%	1%	2%	3%	5%	2%
	% NH White est.	61%	69%	63%	64%	57%	54%	62%
	% NH Black	3%	1%	3%	2%	4%	4%	3%
	Total	6,893	10,996	8,158	8,668	7,259	8,611	50,585
Voter Turnout (Nov 2016)	% Latino est.	15%	6%	6%	10%	21%	21%	13%
	% Spanish-Surnamed	14%	5%	5%	9%	19%	19%	11%
	% Asian-Surnamed	20%	23%	27%	24%	16%	16%	21%
	% Filipino-Surnamed	2%	1%	1%	2%	3%	5%	2%
	% NH White est.	55%	67%	61%	59%	50%	49%	58%
	% NH Black est.	4%	1%	3%	3%	4%	4%	3%
	Total	23,764	24,690	24,561	21,934	23,530	16,743	135,222
ACS Pop. Est.	age0-19	23%	27%	27%	23%	21%	20%	24%
	age20-60	64%	51%	57%	60%	68%	63%	60%
	age60plus	13%	22%	16%	17%	11%	17%	16%
Immigration	immigrants	50%	39%	55%	49%	47%	46%	48%
	naturalized	30%	49%	40%	39%	31%	44%	38%
Language spoken at home	english	40%	54%	38%	42%	40%	40%	43%
	spanish	15%	4%	5%	8%	23%	22%	12%
	asian-lang	28%	25%	31%	30%	22%	31%	28%
	other lang	17%	17%	26%	20%	14%	7%	17%
Language Fluency	Speaks Eng. "Less than Very Well"	19%	13%	17%	18%	23%	28%	20%
Education (among those age 25+)	hs-grad	29%	25%	24%	27%	29%	41%	29%
	bachelor	29%	33%	35%	31%	29%	24%	31%
	graduatedegree	34%	38%	38%	35%	29%	21%	33%
Child in Household	child-under18	31%	40%	45%	35%	29%	29%	35%
Pct of Pop. Age 16+	employed	69%	60%	64%	65%	73%	68%	67%
Household Income	income 0-25k	11%	8%	7%	8%	8%	11%	9%
	income 25-50k	10%	8%	11%	13%	12%	13%	11%
	income 50-75k	11%	9%	10%	10%	11%	13%	10%
	income 75-200k	45%	37%	42%	43%	47%	45%	43%
	income 200k-plus	24%	37%	29%	26%	22%	17%	27%
Housing Stats	single family	37%	78%	56%	56%	44%	68%	55%
	multi-family	63%	22%	44%	44%	56%	32%	45%
	rented	73%	34%	52%	56%	62%	44%	54%
	owned	27%	66%	48%	44%	38%	56%	46%
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 2013-2017 American Community Survey and Special Tabulation 5-year data.								

Sunnyvale 2019 Districting

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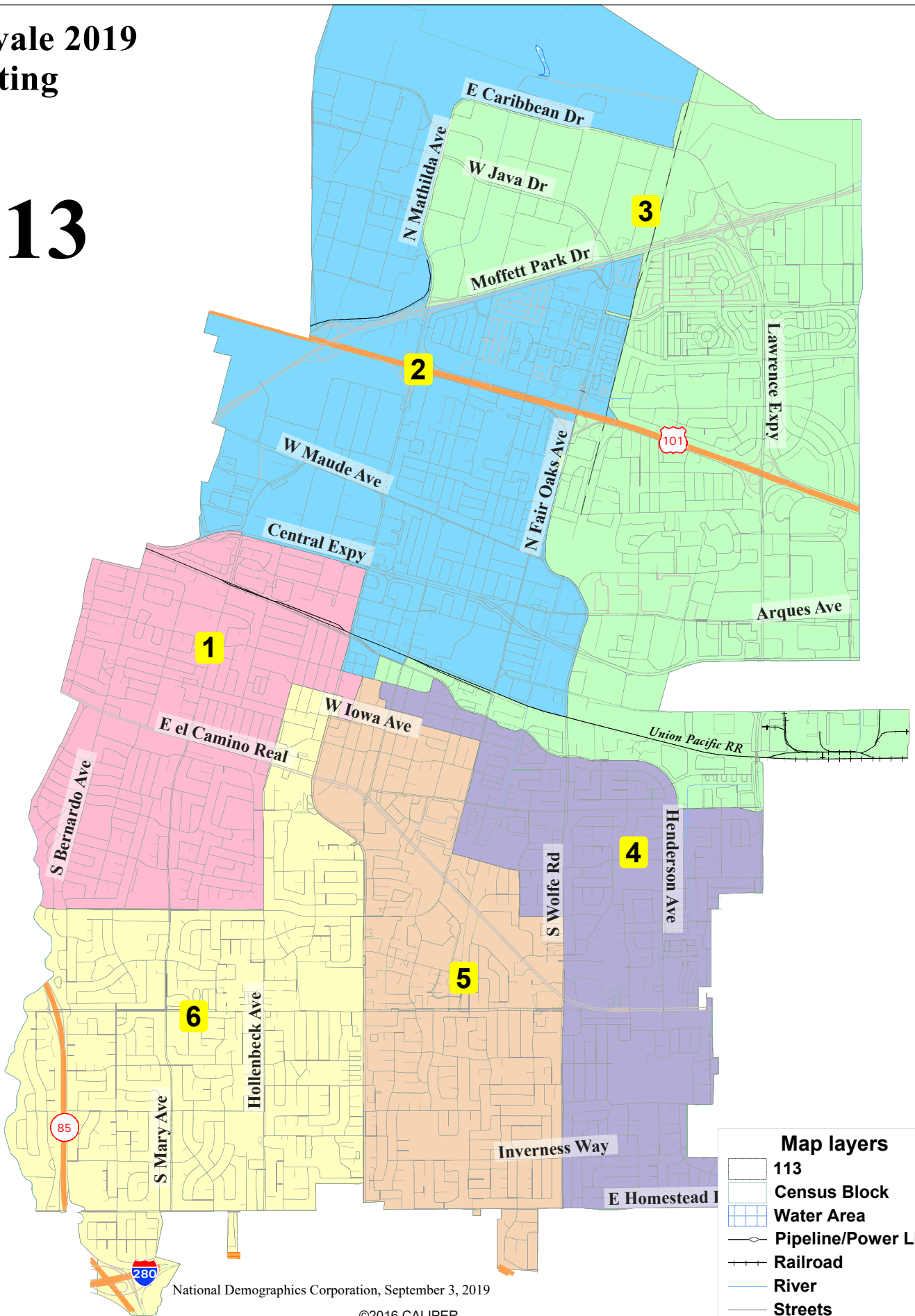
National Demographics Corporation, September 3, 2019

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City of Sunnyvale - Map 112								
District		1	2	3	4	5	6	Total
	Total Pop	24,043	22,547	22,639	24,006	23,960	22,890	140,085
	Deviation from ideal	695	-801	-709	658	612	-458	1,496
	% Deviation	2.98%	-3.43%	-3.04%	2.82%	2.62%	-1.96%	6.41%
Total Pop	% Hisp	20%	38%	19%	9%	9%	20%	19%
	% NH White	32%	25%	29%	36%	45%	40%	34%
	% NH Black	2%	2%	3%	1%	2%	2%	2%
	% Asian-American	43%	33%	47%	52%	43%	36%	43%
	Total	9,442	11,186	10,845	10,862	13,877	13,062	69,274
Citizen Voting Age Pop	% Hisp	21%	26%	16%	7%	6%	13%	14%
	% NH White	34%	37%	46%	49%	53%	55%	46%
	% NH Black	3%	3%	3%	2%	2%	1%	2%
	% Asian/Pac.Isl.	41%	32%	35%	41%	38%	29%	36%
	Total	9,833	7,471	8,271	9,188	11,949	10,076	56,788
Voter Registration (Nov 2018)	% Latino est.	21%	26%	12%	7%	6%	13%	13%
	% Spanish-Surnamed	19%	23%	11%	6%	5%	11%	12%
	% Asian-Surnamed	18%	17%	25%	27%	28%	21%	23%
	% Filipino-Surnamed	4%	4%	2%	1%	1%	1%	2%
	% NH White est.	53%	49%	58%	62%	63%	63%	59%
	% NH Black	3%	4%	3%	2%	2%	1%	3%
	Total	6,717	4,984	5,765	6,793	8,859	7,314	40,432
Voter Turnout (Nov 2018)	% Latino est.	19%	23%	11%	6%	5%	11%	12%
	% Spanish-Surnamed	17%	21%	9%	5%	4%	10%	11%
	% Asian-Surnamed	16%	16%	23%	26%	26%	20%	22%
	% Filipino-Surnamed	4%	4%	2%	1%	1%	1%	2%
	% NH White est.	57%	52%	61%	65%	66%	66%	62%
	% NH Black	4%	5%	3%	3%	2%	1%	3%
	Total	9,019	6,814	7,060	8,278	10,695	8,719	50,585
Voter Turnout (Nov 2016)	% Latino est.	19%	25%	12%	7%	6%	12%	13%
	% Spanish-Surnamed	17%	22%	10%	6%	5%	11%	11%
	% Asian-Surnamed	16%	16%	25%	25%	25%	20%	21%
	% Filipino-Surnamed	4%	4%	2%	1%	1%	1%	2%
	% NH White est.	52%	45%	55%	63%	64%	62%	58%
	% NH Black est.	4%	4%	4%	3%	2%	2%	3%
	Total	17,306	22,998	21,280	23,619	25,081	24,938	135,222
ACS Pop. Est.	age0-19	18%	23%	22%	28%	27%	24%	24%
	age20-60	66%	66%	63%	55%	54%	60%	60%
	age60plus	16%	11%	16%	17%	19%	16%	16%
Immigration	immigrants	49%	46%	54%	52%	46%	43%	48%
	naturalized	39%	34%	32%	39%	49%	36%	38%
Language spoken at home	english	42%	39%	38%	40%	48%	47%	43%
	spanish	14%	29%	9%	5%	4%	15%	12%
	asian-lang	30%	22%	31%	31%	28%	24%	28%
	other lang	13%	10%	22%	24%	20%	14%	17%
Language Fluency	Speaks Eng. "Less than Very Well"	24%	27%	20%	16%	15%	18%	20%
Education (among those age 25+)	hs-grad	34%	34%	25%	23%	25%	31%	29%
	bachelor	27%	28%	31%	34%	35%	29%	31%
	graduatedegree	30%	23%	37%	39%	37%	33%	33%
Child in Household	child-under18	25%	32%	32%	46%	41%	32%	35%
Pct of Pop. Age 16+	employed	68%	74%	65%	64%	62%	67%	67%
Household Income	income 0-25k	8%	10%	10%	7%	8%	10%	9%
	income 25-50k	11%	14%	12%	10%	10%	10%	11%
	income 50-75k	12%	12%	10%	8%	11%	11%	10%
	income 75-200k	47%	45%	44%	45%	37%	42%	43%
	income 200k-plus	22%	19%	24%	30%	34%	28%	27%
Housing Stats	single family	60%	47%	46%	63%	69%	49%	55%
	multi-family	40%	53%	54%	37%	31%	51%	45%
	rented	48%	62%	64%	47%	41%	62%	54%
	owned	52%	38%	36%	53%	59%	38%	46%
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 2013-2017 American Community Survey and Special Tabulation 5-year data.								

Sunnyvale 2019 Districting

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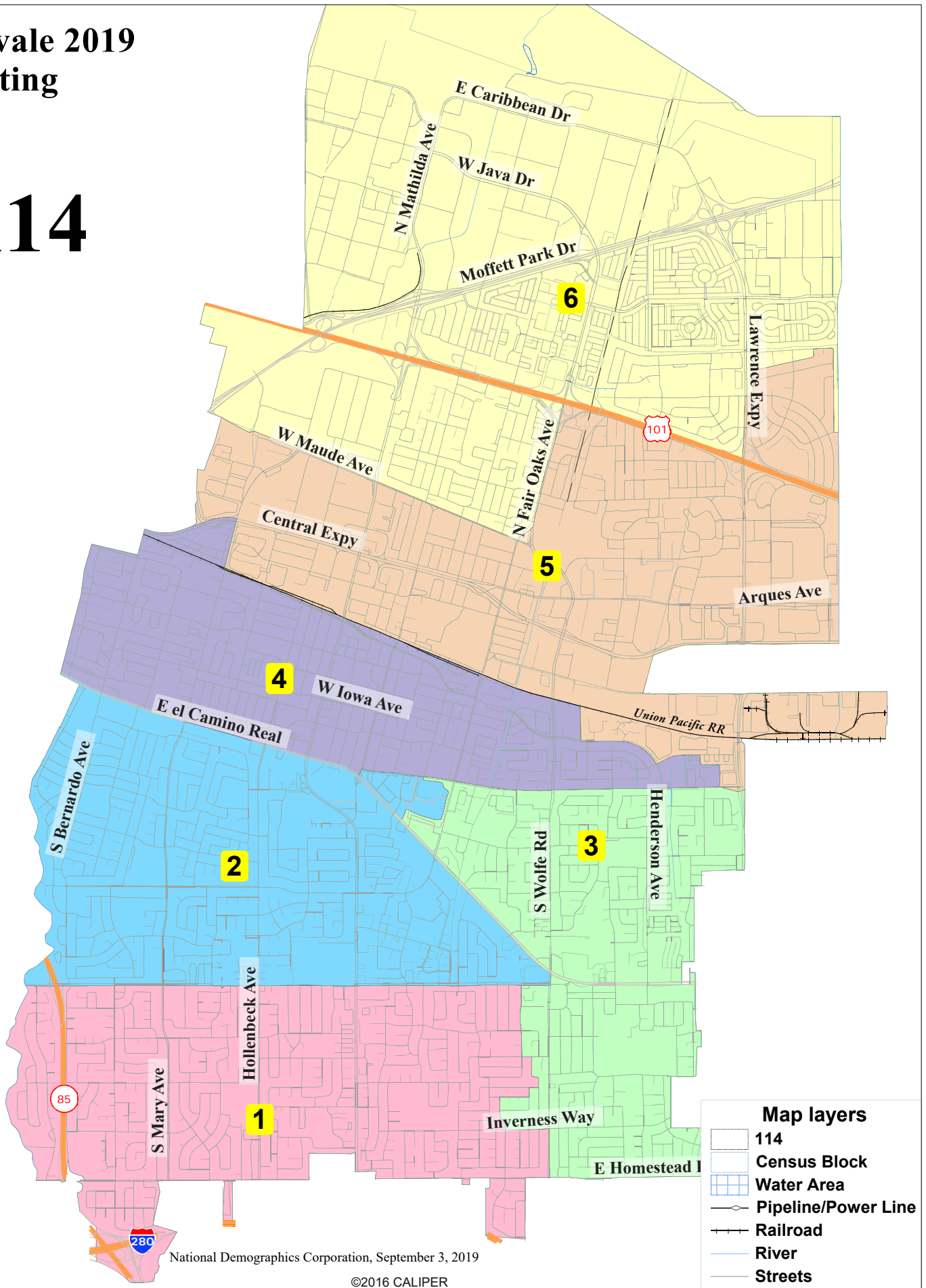
National Demographics Corporation, September 3, 2019

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City of Sunnyvale - Map 113								
District		1	2	3	4	5	6	Total
	Total Pop	22,557	23,883	24,011	23,150	23,073	23,411	140,085
	Deviation from ideal	-791	535	663	-198	-275	63	1,454
	% Deviation	-3.39%	2.29%	2.84%	-0.85%	-1.18%	0.27%	6.23%
Total Pop	% Hisp	19%	31%	25%	19%	10%	9%	19%
	% NH White	38%	27%	27%	35%	34%	46%	34%
	% NH Black	2%	2%	2%	2%	2%	2%	2%
	% Asian-American	38%	38%	42%	42%	53%	42%	43%
	Total	12,244	10,011	10,289	12,650	10,372	13,709	69,274
Citizen Voting Age Pop	% Hisp	12%	26%	22%	11%	12%	7%	14%
	% NH White	54%	40%	31%	51%	46%	52%	46%
	% NH Black	1%	3%	3%	3%	2%	2%	2%
	% Asian/Pac.Isl.	31%	30%	42%	35%	39%	38%	36%
	Total	9,505	7,546	9,517	10,134	8,329	11,757	56,788
Voter Registration (Nov 2018)	% Latino est.	12%	23%	24%	11%	8%	6%	13%
	% Spanish-Surnamed	10%	20%	22%	10%	7%	6%	12%
	% Asian-Surnamed	22%	19%	17%	24%	27%	28%	23%
	% Filipino-Surnamed	1%	3%	5%	2%	1%	1%	2%
	% NH White est.	64%	52%	49%	60%	62%	63%	59%
	% NH Black	1%	4%	4%	3%	2%	2%	3%
	Total	7,001	5,114	6,365	7,241	6,035	8,675	40,432
Voter Turnout (Nov 2018)	% Latino est.	11%	20%	23%	10%	7%	5%	12%
	% Spanish-Surnamed	9%	18%	20%	9%	6%	5%	11%
	% Asian-Surnamed	21%	17%	15%	23%	26%	26%	22%
	% Filipino-Surnamed	1%	2%	5%	1%	1%	1%	2%
	% NH White est.	66%	56%	53%	63%	64%	66%	62%
	% NH Black	1%	4%	4%	3%	2%	2%	3%
	Total	8,339	6,766	9,280	8,317	7,521	10,363	50,585
Voter Turnout (Nov 2016)	% Latino est.	11%	22%	21%	11%	7%	6%	13%
	% Spanish-Surnamed	10%	20%	19%	10%	6%	5%	11%
	% Asian-Surnamed	21%	16%	17%	23%	26%	25%	21%
	% Filipino-Surnamed	1%	2%	5%	2%	1%	1%	2%
	% NH White est.	64%	50%	45%	61%	61%	64%	58%
	% NH Black est.	2%	5%	3%	3%	2%	2%	3%
	Total	23,604	20,658	19,759	23,425	23,081	24,695	135,222
ACS Pop. Est.	age0-19	24%	21%	21%	23%	27%	26%	24%
	age20-60	61%	67%	64%	60%	57%	54%	60%
	age60plus	15%	12%	15%	16%	16%	20%	16%
Immigration	immigrants	45%	48%	46%	49%	54%	46%	48%
	naturalized	35%	30%	44%	39%	34%	50%	38%
Language spoken at home	english	46%	40%	40%	42%	38%	48%	43%
	spanish	12%	24%	22%	8%	7%	4%	12%
	asian-lang	25%	24%	29%	30%	30%	28%	28%
	other lang	17%	13%	9%	20%	25%	20%	17%
Language Fluency	Speaks Eng. "Less than Very Well"	17%	24%	27%	19%	17%	16%	20%
Education (among those age 25+)	hs-grad	30%	29%	38%	27%	22%	26%	29%
	bachelor	29%	29%	25%	31%	34%	35%	31%
	graduatedegree	35%	28%	23%	35%	40%	36%	33%
Child in Household	child-under18	34%	29%	29%	35%	43%	40%	35%
Pct of Pop. Age 16+	employed	68%	73%	69%	65%	63%	62%	67%
Household Income	income 0-25k	9%	8%	11%	9%	9%	8%	9%
	income 25-50k	10%	14%	12%	12%	8%	10%	11%
	income 50-75k	10%	12%	12%	10%	8%	12%	10%
	income 75-200k	44%	43%	47%	43%	46%	37%	43%
	income 200k-plus	28%	22%	18%	26%	29%	34%	27%
Housing Stats	single family	50%	48%	59%	55%	53%	68%	55%
	multi-family	50%	52%	41%	45%	47%	32%	45%
	rented	60%	61%	50%	56%	56%	41%	54%
	owned	40%	39%	50%	44%	44%	59%	46%
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 2013-2017 American Community Survey and Special Tabulation 5-year data.								

Sunnyvale 2019 Districting

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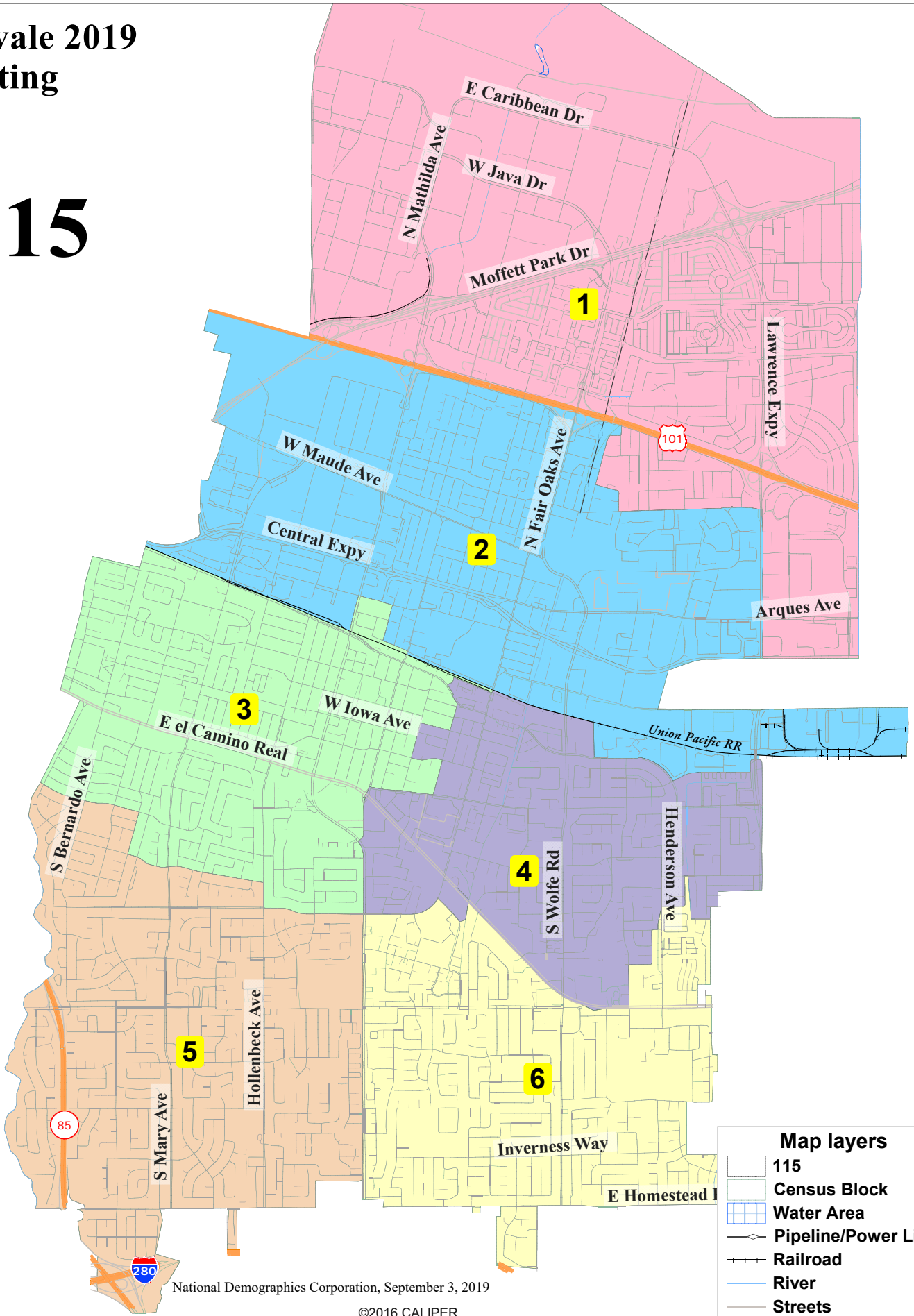
National Demographics Corporation, September 3, 2019

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City of Sunnyvale - Map 114								
District		1	2	3	4	5	6	Total
	Total Pop	23,396	23,443	23,388	23,371	23,226	23,261	140,085
	Deviation from ideal	48	95	40	23	-122	-87	217
	% Deviation	0.21%	0.41%	0.17%	0.10%	-0.52%	-0.37%	0.93%
Total Pop	% Hisp	8%	9%	18%	23%	28%	29%	19%
	% NH White	43%	43%	32%	32%	24%	33%	34%
	% NH Black	2%	2%	2%	3%	2%	2%	2%
	% Asian-American	46%	46%	46%	40%	44%	33%	43%
	Total	13,021	11,839	12,063	12,230	11,062	9,059	69,274
Citizen Voting Age Pop	% Hisp	6%	7%	13%	15%	25%	23%	14%
	% NH White	49%	56%	48%	50%	35%	38%	46%
	% NH Black	2%	1%	2%	3%	3%	3%	2%
	% Asian/Pac.Isl.	42%	34%	36%	31%	37%	35%	36%
	Total	11,929	9,528	9,163	9,014	7,532	9,622	56,788
Voter Registration (Nov 2018)	% Latino est.	5%	7%	11%	15%	24%	22%	13%
	% Spanish-Surnamed	5%	6%	10%	13%	22%	20%	12%
	% Asian-Surnamed	30%	24%	25%	22%	18%	18%	23%
	% Filipino-Surnamed	1%	1%	2%	2%	5%	4%	2%
	% NH White est.	61%	68%	60%	59%	49%	53%	59%
	% NH Black	2%	1%	2%	3%	4%	4%	3%
	Total	8,709	7,248	6,541	6,351	5,030	6,553	40,432
Voter Turnout (Nov 2018)	% Latino est.	4%	6%	9%	13%	22%	20%	12%
	% Spanish-Surnamed	4%	6%	8%	12%	20%	18%	11%
	% Asian-Surnamed	28%	22%	23%	20%	17%	16%	22%
	% Filipino-Surnamed	1%	1%	1%	2%	4%	3%	2%
	% NH White est.	64%	70%	64%	61%	52%	57%	62%
	% NH Black	2%	1%	2%	3%	4%	4%	3%
	Total	10,208	8,750	7,845	7,761	7,158	8,863	50,585
Voter Turnout (Nov 2016)	% Latino est.	5%	7%	10%	14%	21%	21%	13%
	% Spanish-Surnamed	4%	6%	9%	13%	19%	19%	11%
	% Asian-Surnamed	27%	22%	23%	21%	17%	15%	21%
	% Filipino-Surnamed	1%	1%	2%	2%	4%	3%	2%
	% NH White est.	63%	66%	61%	56%	47%	50%	58%
	% NH Black est.	3%	1%	3%	4%	3%	5%	3%
	Total	24,201	24,090	23,243	24,296	22,595	16,797	135,222
ACS Pop. Est.	Total	24,201	24,090	23,243	24,296	22,595	16,797	135,222
Age	age0-19	27%	28%	24%	22%	19%	23%	24%
	age20-60	54%	53%	59%	65%	68%	62%	60%
	age60plus	19%	19%	17%	13%	12%	15%	16%
Immigration	immigrants	50%	45%	50%	48%	50%	44%	48%
	naturalized	49%	37%	39%	32%	35%	38%	38%
Language spoken at home	english	45%	46%	41%	42%	39%	42%	43%
	spanish	4%	5%	8%	16%	20%	26%	12%
	asian-lang	29%	27%	30%	27%	28%	23%	28%
	other lang	22%	21%	21%	16%	13%	9%	17%
Language Fluency	Speaks Eng. "Less than Very Well"	16%	15%	18%	19%	26%	25%	20%
Education (among those age 25+)	hs-grad	24%	23%	29%	29%	30%	39%	29%
	bachelor	36%	34%	31%	29%	28%	25%	31%
	graduatedegree	37%	39%	34%	35%	30%	20%	33%
Child in Household	child-under18	43%	42%	37%	30%	28%	31%	35%
Pct of Pop. Age 16+	employed	62%	62%	64%	70%	72%	71%	67%
Household Income	income 0-25k	7%	8%	9%	10%	9%	10%	9%
	income 25-50k	10%	9%	12%	10%	10%	18%	11%
	income 50-75k	11%	9%	9%	11%	9%	16%	10%
	income 75-200k	38%	43%	44%	44%	50%	39%	43%
	income 200k-plus	34%	32%	26%	25%	22%	18%	27%
Housing Stats	single family	68%	65%	55%	39%	46%	65%	55%
	multi-family	32%	35%	45%	61%	54%	35%	45%
	rented	41%	46%	57%	69%	60%	48%	54%
	owned	59%	54%	43%	31%	40%	52%	46%
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 2013-2017 American Community Survey and Special Tabulation 5-year data.								

Sunnyvale 2019 Districting

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Map layers

- 115
- Census Block
- Water Area
- Pipeline/Power Line
- Railroad
- River
- Streets

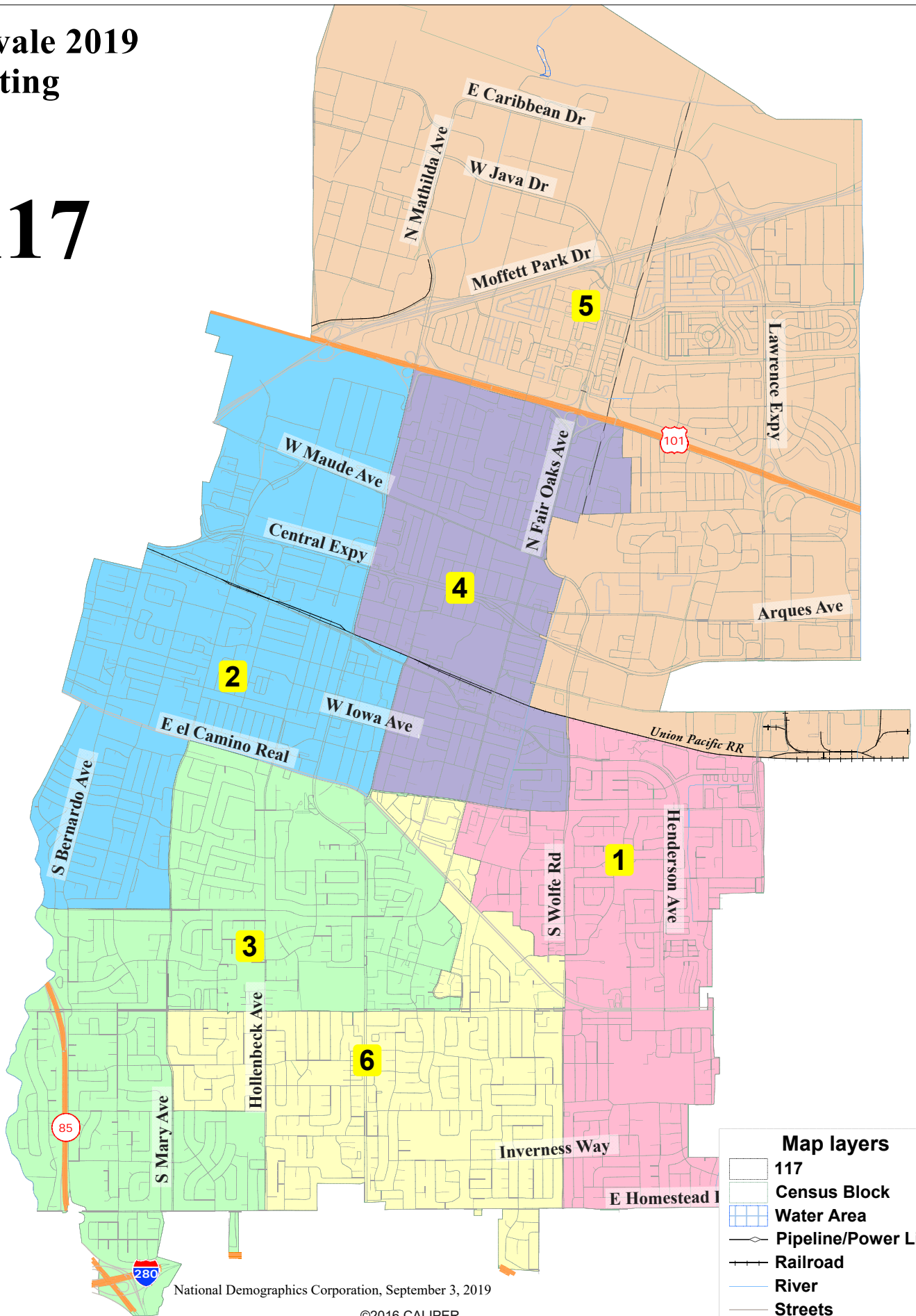
National Demographics Corporation, September 3, 2019

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City of Sunnyvale - Map 115								
District		1	2	3	4	5	6	Total
	Total Pop	23,336	23,342	23,347	23,345	23,339	23,376	140,085
	Deviation from ideal	-12	-6	-1	-3	-9	28	40
	% Deviation	-0.05%	-0.03%	0.00%	-0.01%	-0.04%	0.12%	0.17%
Total Pop	% Hisp	23%	34%	20%	15%	8%	13%	19%
	% NH White	31%	26%	39%	29%	46%	36%	34%
	% NH Black	2%	2%	2%	2%	2%	2%	2%
	% Asian-American	41%	36%	37%	51%	43%	47%	43%
	Total	9,358	10,679	13,037	10,993	13,894	11,314	69,274
Citizen Voting Age Pop	% Hisp	21%	26%	13%	15%	6%	9%	14%
	% NH White	33%	39%	55%	46%	53%	48%	46%
	% NH Black	3%	3%	1%	3%	2%	3%	2%
	% Asian/Pac.Isl.	42%	31%	29%	36%	38%	40%	36%
	Total	9,610	7,502	10,355	8,002	11,702	9,617	56,788
Voter Registration (Nov 2018)	% Latino est.	24%	22%	13%	12%	6%	8%	13%
	% Spanish-Surnamed	21%	20%	12%	10%	5%	7%	12%
	% Asian-Surnamed	17%	19%	21%	25%	28%	27%	23%
	% Filipino-Surnamed	5%	3%	1%	2%	1%	1%	2%
	% NH White est.	50%	52%	63%	59%	63%	61%	59%
	% NH Black	3%	4%	1%	3%	2%	3%	3%
	Total	6,443	5,117	7,506	5,644	8,692	7,031	40,432
Voter Turnout (Nov 2018)	% Latino est.	22%	19%	12%	10%	5%	7%	12%
	% Spanish-Surnamed	20%	17%	10%	9%	4%	6%	11%
	% Asian-Surnamed	15%	17%	20%	23%	26%	26%	22%
	% Filipino-Surnamed	5%	3%	1%	2%	1%	1%	2%
	% NH White est.	54%	56%	66%	62%	67%	64%	62%
	% NH Black	4%	4%	1%	3%	2%	3%	3%
	Total	8,729	7,048	8,840	7,244	10,415	8,309	50,585
Voter Turnout (Nov 2016)	% Latino est.	21%	22%	12%	11%	5%	8%	13%
	% Spanish-Surnamed	19%	20%	11%	10%	5%	7%	11%
	% Asian-Surnamed	16%	16%	20%	24%	25%	25%	21%
	% Filipino-Surnamed	4%	3%	1%	2%	1%	1%	2%
	% NH White est.	49%	49%	62%	55%	64%	63%	58%
	% NH Black est.	5%	4%	2%	4%	2%	3%	3%
	Total	17,122	22,207	25,322	22,197	24,524	23,849	135,222
ACS Pop. Est.	Total	17,122	22,207	25,322	22,197	24,524	23,849	135,222
Age	age0-19	20%	22%	24%	22%	27%	28%	24%
	age20-60	64%	68%	60%	63%	54%	55%	60%
	age60plus	17%	11%	16%	15%	20%	18%	16%
Immigration	immigrants	47%	48%	43%	55%	46%	50%	48%
	naturalized	43%	31%	36%	30%	50%	41%	38%
Language spoken at home	english	40%	40%	47%	37%	48%	41%	43%
	spanish	20%	24%	14%	9%	4%	5%	12%
	asian-lang	31%	22%	25%	31%	28%	30%	28%
	other lang	8%	14%	14%	22%	20%	23%	17%
Language Fluency	Speaks Eng. "Less than Very Well"	27%	24%	17%	20%	16%	15%	20%
Education (among those age 25+)	hs-grad	39%	30%	31%	24%	25%	25%	29%
	bachelor	24%	29%	29%	31%	35%	34%	31%
	graduatedegree	23%	28%	33%	37%	37%	39%	33%
Child in Household	child-under18	28%	30%	33%	33%	40%	45%	35%
Pct of Pop. Age 16+	employed	69%	73%	67%	66%	62%	63%	67%
Household Income	income 0-25k	10%	8%	10%	10%	8%	7%	9%
	income 25-50k	12%	13%	10%	11%	10%	11%	11%
	income 50-75k	13%	11%	10%	10%	12%	8%	10%
	income 75-200k	45%	46%	42%	45%	37%	44%	43%
	income 200k-plus	19%	22%	28%	24%	34%	31%	27%
Housing Stats	single family	66%	44%	50%	41%	69%	67%	55%
	multi-family	34%	56%	50%	59%	31%	33%	45%
	rented	45%	62%	61%	67%	41%	44%	54%
	owned	55%	38%	39%	33%	59%	56%	46%
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 2013-2017 American Community Survey and Special Tabulation 5-year data.								

Sunnyvale 2019 Districting

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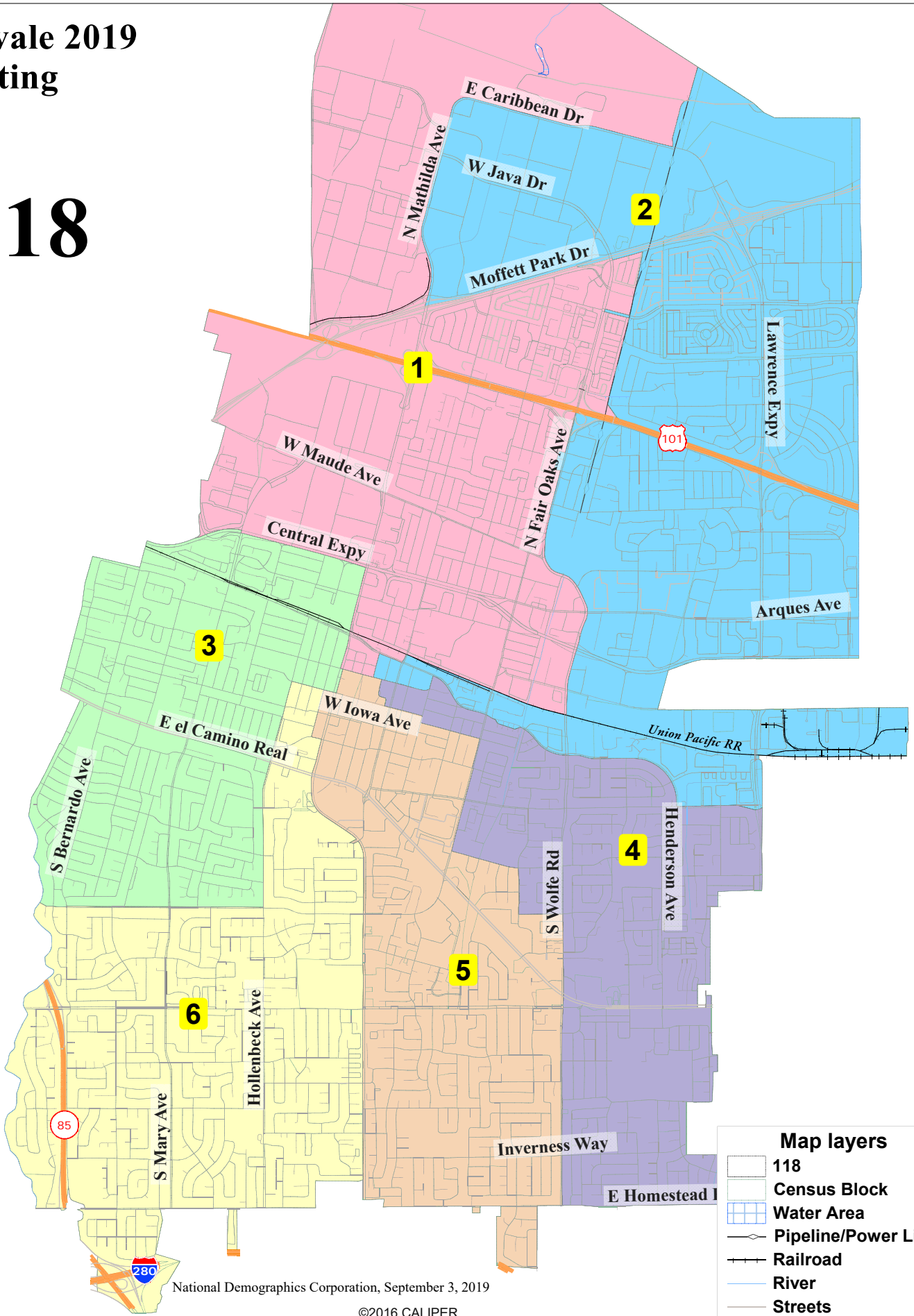
National Demographics Corporation, September 3, 2019

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City of Sunnyvale - Map 117								
District		1	2	3	4	5	6	Total
	Total Pop	23,247	22,709	22,813	24,400	23,432	23,484	140,085
	Deviation from ideal	-101	-639	-535	1,052	84	136	1,691
	% Deviation	-0.43%	-2.74%	-2.29%	4.51%	0.36%	0.58%	7.24%
Total Pop	% Hisp	17%	20%	9%	36%	22%	9%	19%
	% NH White	34%	35%	46%	27%	31%	34%	34%
	% NH Black	2%	2%	1%	2%	2%	2%	2%
	% Asian-American	45%	41%	42%	32%	42%	54%	43%
	Total	12,203	12,040	12,848	11,982	9,278	10,924	69,274
Citizen Voting Age Pop	% Hisp	12%	13%	7%	27%	21%	8%	14%
	% NH White	50%	52%	57%	40%	33%	43%	46%
	% NH Black	2%	2%	1%	4%	3%	3%	2%
	% Asian/Pac.Isl.	36%	33%	34%	28%	43%	45%	36%
	Total	9,744	9,169	10,779	8,334	9,510	9,252	56,788
Voter Registration (Nov 2018)	% Latino est.	12%	13%	6%	22%	24%	7%	13%
	% Spanish-Surnamed	10%	11%	5%	20%	21%	6%	12%
	% Asian-Surnamed	25%	22%	26%	18%	17%	30%	23%
	% Filipino-Surnamed	2%	1%	1%	3%	5%	1%	2%
	% NH White est.	60%	63%	66%	51%	50%	59%	59%
	% NH Black	2%	1%	1%	5%	3%	3%	3%
	Total	6,945	6,646	8,189	5,670	6,378	6,603	40,432
Voter Turnout (Nov 2018)	% Latino est.	10%	12%	5%	20%	22%	5%	12%
	% Spanish-Surnamed	9%	10%	5%	18%	20%	5%	11%
	% Asian-Surnamed	23%	20%	25%	17%	15%	28%	22%
	% Filipino-Surnamed	2%	1%	1%	3%	4%	1%	2%
	% NH White est.	64%	65%	68%	55%	54%	63%	62%
	% NH Black	2%	1%	1%	6%	4%	3%	3%
	Total	8,355	8,125	9,952	7,016	9,206	7,930	50,585
Voter Turnout (Nov 2016)	% Latino est.	11%	12%	5%	23%	20%	6%	13%
	% Spanish-Surnamed	10%	11%	5%	21%	18%	6%	11%
	% Asian-Surnamed	23%	20%	24%	16%	17%	27%	21%
	% Filipino-Surnamed	2%	1%	1%	3%	4%	1%	2%
	% NH White est.	60%	61%	65%	51%	46%	61%	58%
	% NH Black est.	2%	3%	1%	5%	4%	4%	3%
	Total	22,465	23,649	24,518	25,029	16,787	22,774	135,222
ACS Pop. Est.	Total	22,465	23,649	24,518	25,029	16,787	22,774	135,222
Age	age0-19	24%	23%	27%	22%	20%	27%	24%
	age20-60	60%	63%	52%	66%	64%	58%	60%
	age60plus	16%	14%	21%	12%	17%	16%	16%
Immigration	immigrants	50%	46%	43%	47%	47%	55%	48%
	naturalized	38%	33%	43%	33%	43%	41%	38%
Language spoken at home	english	41%	45%	49%	40%	41%	39%	43%
	spanish	8%	12%	4%	25%	20%	6%	12%
	asian-lang	31%	25%	28%	23%	31%	30%	28%
	other lang	20%	18%	19%	12%	8%	25%	17%
Language Fluency	Speaks Eng. "Less than Very Well"	19%	17%	15%	25%	27%	17%	20%
Education (among those age 25+)	hs-grad	28%	28%	23%	31%	39%	25%	29%
	bachelor	31%	29%	35%	29%	24%	35%	31%
	graduatedegree	35%	36%	39%	27%	23%	37%	33%
Child in Household	child-under18	35%	32%	41%	30%	27%	44%	35%
Pct of Pop. Age 16+	employed	65%	69%	60%	73%	68%	64%	67%
Household Income	income 0-25k	9%	9%	7%	11%	10%	8%	9%
	income 25-50k	12%	9%	8%	14%	12%	11%	11%
	income 50-75k	10%	9%	10%	12%	13%	10%	10%
	income 75-200k	44%	45%	40%	43%	45%	42%	43%
	income 200k-plus	26%	28%	35%	21%	19%	29%	27%
Housing Stats	single family	55%	45%	70%	45%	67%	57%	55%
	multi-family	45%	55%	30%	55%	33%	43%	45%
	rented	57%	63%	40%	64%	45%	51%	54%
	owned	43%	37%	60%	36%	55%	49%	46%
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 2013-2017 American Community Survey and Special Tabulation 5-year data.								

Sunnyvale 2019 Districting

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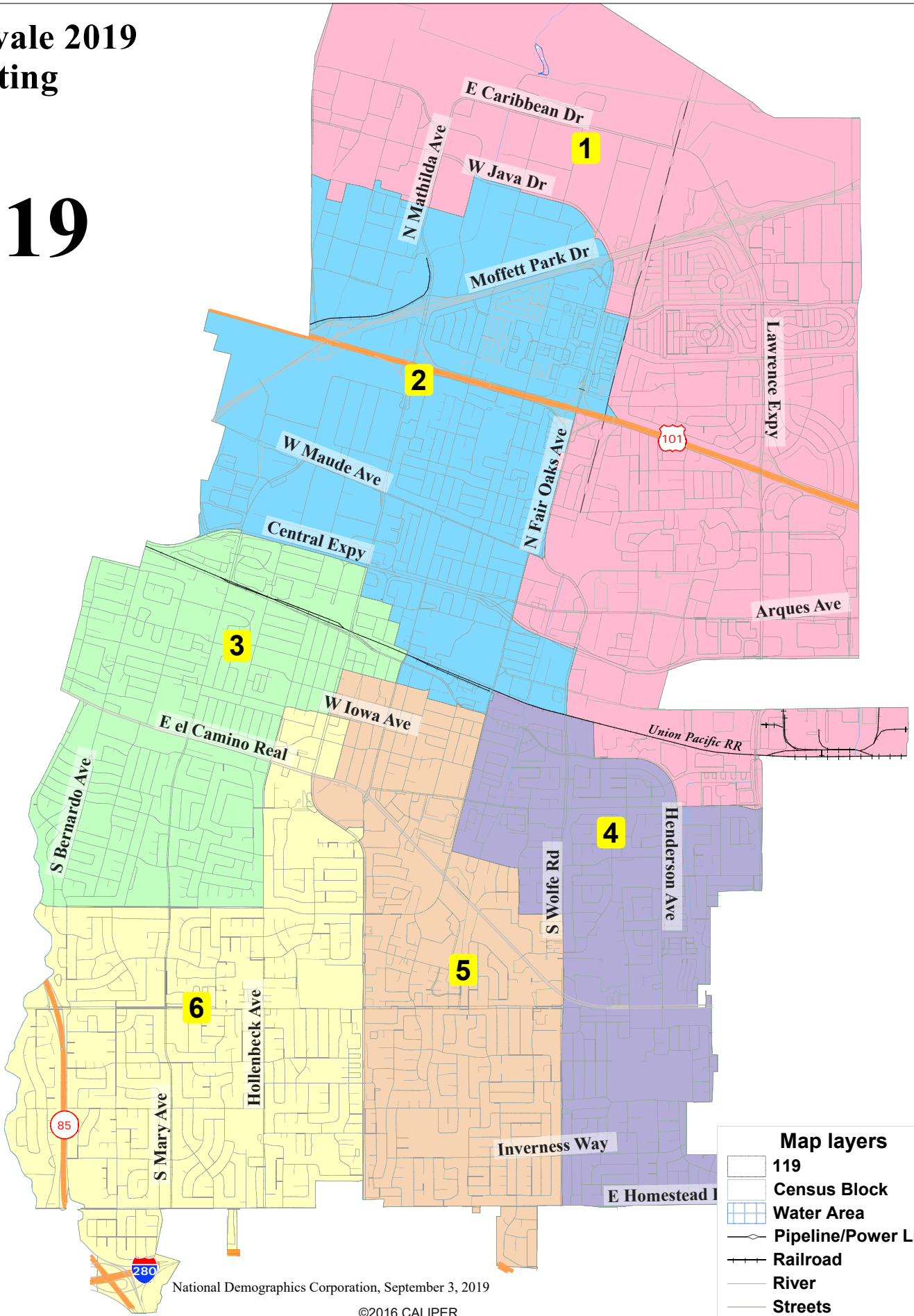
National Demographics Corporation, September 3, 2019

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City of Sunnyvale - Map 118								
District		1	2	3	4	5	6	Total
	Total Pop	23,883	24,011	22,557	23,150	23,110	23,374	140,085
	Deviation from ideal	535	663	-791	-198	-238	26	1,454
	% Deviation	2.29%	2.84%	-3.39%	-0.85%	-1.02%	0.11%	6.23%
Total Pop	% Hisp	31%	25%	19%	19%	10%	9%	19%
	% NH White	27%	27%	38%	35%	34%	46%	34%
	% NH Black	2%	2%	2%	2%	2%	2%	2%
	% Asian-American	38%	42%	38%	42%	53%	42%	43%
	Total	10,011	10,289	12,244	12,650	10,393	13,688	69,274
Citizen Voting Age Pop	% Hisp	26%	22%	12%	11%	12%	7%	14%
	% NH White	40%	31%	54%	51%	46%	52%	46%
	% NH Black	3%	3%	1%	3%	2%	2%	2%
	% Asian/Pac.Isl.	30%	42%	31%	35%	39%	38%	36%
	Total	7,546	9,517	9,505	10,134	8,379	11,707	56,788
Voter Registration (Nov 2018)	% Latino est.	23%	24%	12%	11%	8%	6%	13%
	% Spanish-Surnamed	20%	22%	10%	10%	7%	6%	12%
	% Asian-Surnamed	19%	17%	22%	24%	27%	28%	23%
	% Filipino-Surnamed	3%	5%	1%	2%	1%	1%	2%
	% NH White est.	52%	49%	64%	60%	62%	63%	59%
	% NH Black	4%	4%	1%	3%	2%	2%	3%
	Total	5,114	6,365	7,001	7,241	6,073	8,637	40,432
Voter Turnout (Nov 2018)	% Latino est.	20%	23%	11%	10%	7%	5%	12%
	% Spanish-Surnamed	18%	20%	9%	9%	6%	5%	11%
	% Asian-Surnamed	17%	15%	21%	23%	26%	26%	22%
	% Filipino-Surnamed	2%	5%	1%	1%	1%	1%	2%
	% NH White est.	56%	53%	66%	63%	64%	66%	62%
	% NH Black	4%	4%	1%	3%	2%	2%	3%
	Total	6,766	9,280	8,339	8,317	7,526	10,358	50,585
Voter Turnout (Nov 2016)	% Latino est.	22%	21%	11%	11%	7%	6%	13%
	% Spanish-Surnamed	20%	19%	10%	10%	6%	5%	11%
	% Asian-Surnamed	16%	17%	21%	23%	26%	25%	21%
	% Filipino-Surnamed	2%	5%	1%	2%	1%	1%	2%
	% NH White est.	50%	45%	64%	61%	61%	64%	58%
	% NH Black est.	5%	3%	2%	3%	2%	2%	3%
	Total	20,658	19,759	23,604	23,425	23,120	24,656	135,222
ACS Pop. Est.	age0-19	21%	21%	24%	23%	27%	26%	24%
	age20-60	67%	64%	61%	60%	57%	54%	60%
	age60plus	12%	15%	15%	16%	16%	20%	16%
Immigration	immigrants	48%	46%	45%	49%	54%	46%	48%
	naturalized	30%	44%	35%	39%	34%	50%	38%
Language spoken at home	english	40%	40%	46%	42%	38%	48%	43%
	spanish	24%	22%	12%	8%	7%	4%	12%
	asian-lang	24%	29%	25%	30%	30%	28%	28%
	other lang	13%	9%	17%	20%	25%	20%	17%
Language Fluency	Speaks Eng. "Less than Very Well"	24%	27%	17%	19%	17%	16%	20%
Education (among those age 25+)	hs-grad	29%	38%	30%	27%	22%	26%	29%
	bachelor	29%	25%	29%	31%	34%	35%	31%
	graduatedegree	28%	23%	35%	35%	40%	36%	33%
Child in Household	child-under18	29%	29%	34%	35%	43%	40%	35%
Pct of Pop. Age 16+	employed	73%	69%	68%	65%	63%	62%	67%
Household Income	income 0-25k	8%	11%	9%	9%	9%	8%	9%
	income 25-50k	14%	12%	10%	12%	8%	10%	11%
	income 50-75k	12%	12%	10%	10%	8%	12%	10%
	income 75-200k	43%	47%	44%	43%	46%	37%	43%
	income 200k-plus	22%	18%	28%	26%	29%	34%	27%
Housing Stats	single family	48%	59%	50%	55%	53%	68%	55%
	multi-family	52%	41%	50%	45%	47%	32%	45%
	rented	61%	50%	60%	56%	56%	41%	54%
	owned	39%	50%	40%	44%	44%	59%	46%
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 2013-2017 American Community Survey and Special Tabulation 5-year data.								

Sunnyvale 2019 Districting

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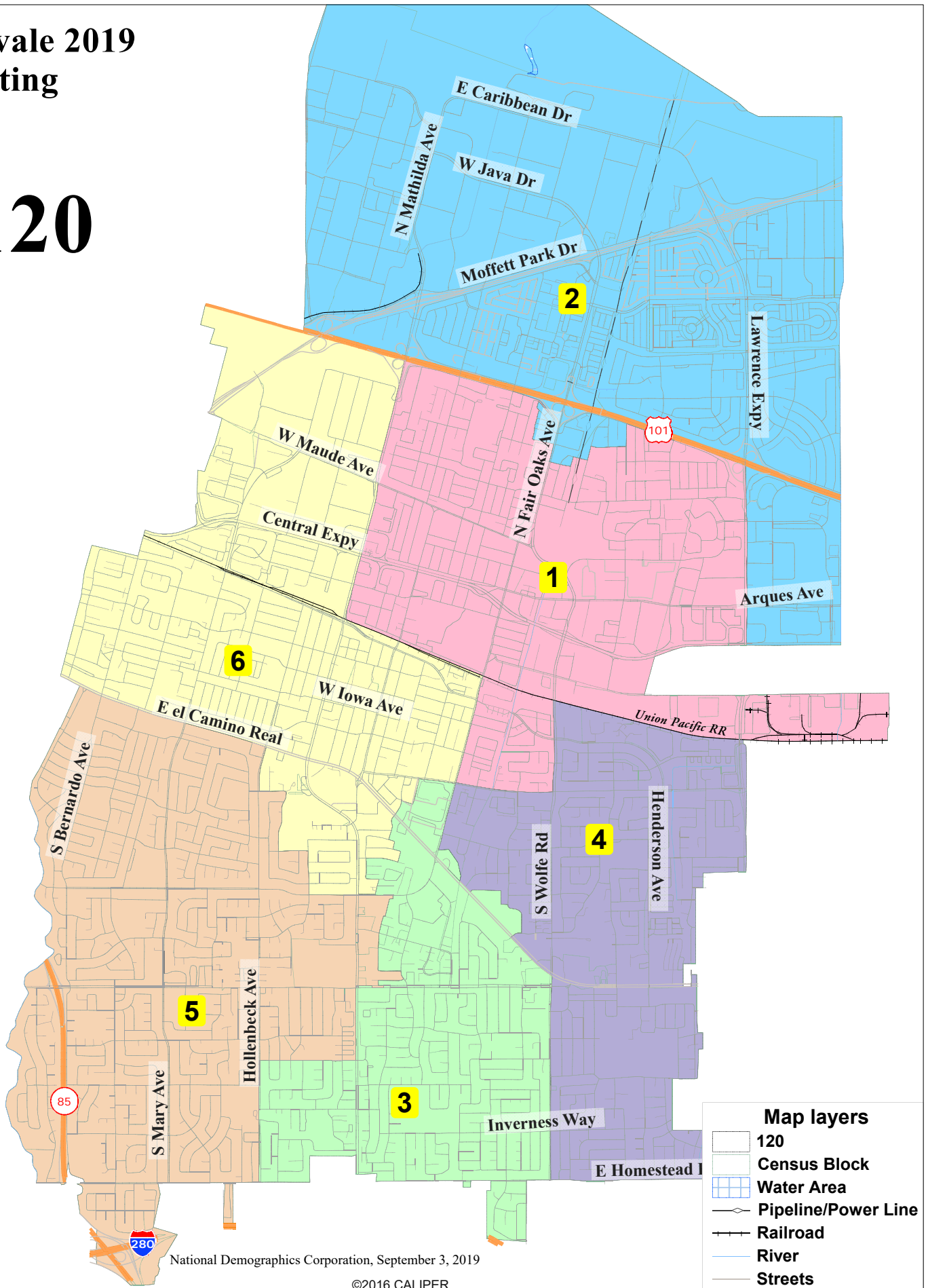
National Demographics Corporation, September 3, 2019

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City of Sunnyvale - Map 119								
District		1	2	3	4	5	6	Total
	Total Pop	23,230	23,107	23,333	23,454	23,589	23,372	140,085
	Deviation from ideal	-118	-241	-15	106	241	24	482
	% Deviation	-0.51%	-1.03%	-0.06%	0.45%	1.03%	0.10%	2.06%
Total Pop	% Hisp	26%	30%	20%	18%	10%	9%	19%
	% NH White	28%	27%	38%	34%	34%	45%	34%
	% NH Black	2%	2%	2%	2%	2%	2%	2%
	% Asian-American	40%	39%	38%	44%	52%	42%	43%
	Total	9,904	9,997	12,764	12,179	10,714	13,717	69,274
Citizen Voting Age Pop	% Hisp	23%	24%	13%	11%	12%	7%	14%
	% NH White	30%	41%	53%	50%	47%	52%	46%
	% NH Black	3%	3%	2%	3%	2%	2%	2%
	% Asian/Pac.Isl.	43%	30%	31%	36%	38%	38%	36%
	Total	9,425	7,395	9,943	9,698	8,615	11,712	56,788
Voter Registration (Nov 2018)	% Latino est.	25%	22%	12%	11%	8%	6%	13%
	% Spanish-Surnamed	23%	19%	11%	10%	7%	6%	12%
	% Asian-Surnamed	17%	19%	22%	25%	27%	28%	23%
	% Filipino-Surnamed	5%	2%	1%	2%	1%	1%	2%
	% NH White est.	48%	54%	63%	60%	62%	63%	59%
	% NH Black	4%	3%	1%	3%	2%	2%	3%
Voter Turnout (Nov 2018)	Total	6,271	5,036	7,319	6,932	6,238	8,637	40,432
	% Latino est.	23%	19%	11%	9%	7%	5%	12%
	% Spanish-Surnamed	21%	17%	10%	8%	6%	5%	11%
	% Asian-Surnamed	15%	17%	21%	23%	26%	26%	22%
	% Filipino-Surnamed	5%	2%	1%	1%	1%	1%	2%
	% NH White est.	52%	57%	66%	63%	64%	66%	62%
Voter Turnout (Nov 2016)	% NH Black	4%	4%	1%	3%	2%	2%	3%
	Total	8,992	6,577	8,868	8,096	7,716	10,336	50,585
	% Latino est.	21%	22%	12%	11%	7%	6%	13%
	% Spanish-Surnamed	19%	20%	10%	10%	6%	5%	11%
	% Asian-Surnamed	17%	17%	20%	23%	25%	25%	21%
	% Filipino-Surnamed	5%	2%	1%	2%	1%	1%	2%
ACS Pop. Est.	% NH White est.	44%	51%	63%	60%	61%	64%	58%
	% NH Black est.	3%	6%	2%	4%	2%	2%	3%
Age	Total	18,524	20,853	24,547	22,881	23,726	24,692	135,222
	age0-19	21%	21%	24%	23%	27%	26%	24%
	age20-60	64%	67%	61%	60%	57%	54%	60%
Immigration	age60plus	15%	12%	15%	16%	16%	20%	16%
	immigrants	46%	47%	45%	50%	54%	46%	48%
Language spoken at home	naturalized	45%	30%	35%	38%	34%	49%	38%
	english	40%	40%	46%	41%	38%	48%	43%
	spanish	23%	24%	13%	8%	7%	4%	12%
	asian-lang	29%	23%	25%	31%	30%	28%	28%
Language Fluency	other lang	8%	13%	16%	20%	24%	20%	17%
	Speaks Eng. "Less than Very Well"	28%	23%	17%	19%	17%	16%	20%
Education (among those age 25+)	hs-grad	39%	30%	29%	27%	22%	26%	29%
	bachelor	24%	29%	29%	31%	34%	35%	31%
	graduatedegree	22%	28%	35%	35%	40%	36%	33%
Child in Household	child-under18	30%	29%	34%	35%	42%	40%	35%
Pct of Pop. Age 16+	employed	69%	73%	68%	65%	64%	62%	67%
Household Income	income 0-25k	11%	9%	9%	8%	9%	8%	9%
	income 25-50k	12%	14%	9%	13%	8%	10%	11%
	income 50-75k	12%	12%	10%	10%	8%	12%	10%
	income 75-200k	48%	42%	44%	43%	46%	37%	43%
	income 200k-plus	18%	22%	28%	26%	28%	34%	27%
Housing Stats	single family	61%	47%	50%	56%	52%	68%	55%
	multi-family	39%	53%	50%	44%	48%	32%	45%
	rented	48%	62%	60%	55%	57%	42%	54%
	owned	52%	38%	40%	45%	43%	58%	46%
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 2013-2017 American Community Survey and Special Tabulation 5-year data.								

Sunnyvale 2019 Districting

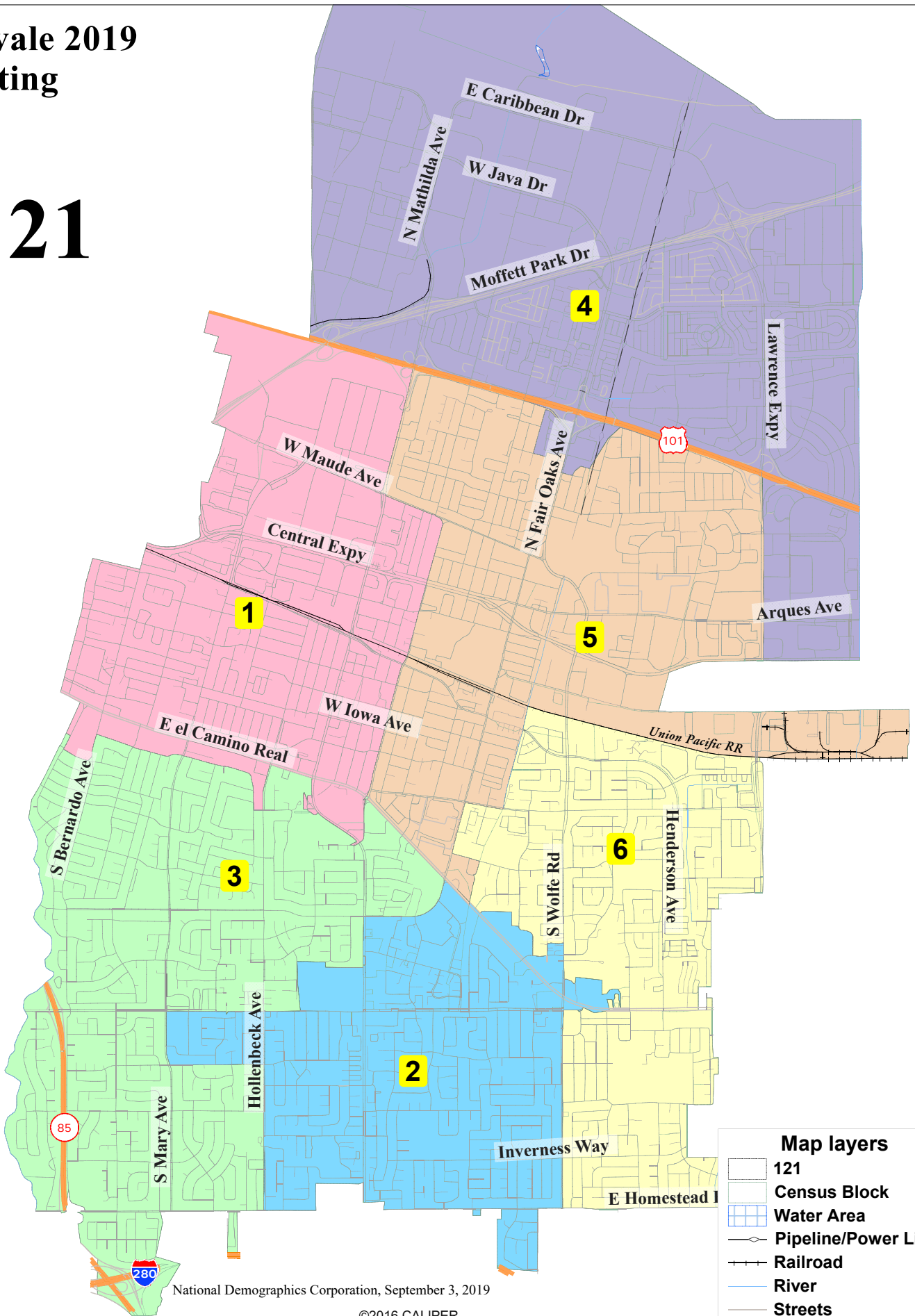
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City of Sunnyvale - Map 120								
District		1	2	3	4	5	6	Total
	Total Pop	22,373	22,305	22,568	24,005	24,556	24,278	140,085
	Deviation from ideal	-975	-1,043	-780	657	1,208	930	2,251
	% Deviation	-4.18%	-4.47%	-3.34%	2.81%	5.17%	3.98%	9.64%
Total Pop	% Hisp	37%	23%	8%	18%	8%	21%	19%
	% NH White	24%	32%	31%	33%	51%	34%	34%
	% NH Black	2%	2%	2%	2%	1%	3%	2%
	% Asian-American	33%	41%	57%	45%	39%	41%	43%
	Total	10,812	8,382	9,638	12,748	14,611	13,084	69,274
Citizen Voting Age Pop	% Hisp	27%	22%	7%	14%	6%	15%	14%
	% NH White	36%	34%	43%	49%	58%	51%	46%
	% NH Black	4%	3%	3%	2%	1%	2%	2%
	% Asian/Pac.Isl.	32%	40%	46%	35%	34%	31%	36%
	Total	7,360	8,969	8,303	9,860	12,731	9,565	56,788
Voter Registration (Nov 2018)	% Latino est.	25%	23%	7%	12%	5%	14%	13%
	% Spanish-Surnamed	23%	21%	6%	10%	5%	13%	12%
	% Asian-Surnamed	18%	18%	30%	25%	26%	21%	23%
	% Filipino-Surnamed	4%	4%	1%	2%	1%	1%	2%
	% NH White est.	48%	51%	58%	60%	67%	61%	59%
	% NH Black	5%	3%	3%	2%	1%	2%	3%
	Total	4,980	6,005	5,839	7,019	9,801	6,788	40,432
Voter Turnout (Nov 2018)	% Latino est.	22%	21%	6%	10%	5%	13%	12%
	% Spanish-Surnamed	20%	19%	5%	9%	4%	12%	11%
	% Asian-Surnamed	17%	15%	28%	23%	24%	20%	22%
	% Filipino-Surnamed	4%	4%	1%	2%	1%	2%	2%
	% NH White est.	52%	55%	61%	64%	69%	64%	62%
	% NH Black	6%	4%	3%	2%	1%	2%	3%
	Total	6,823	8,196	7,083	8,411	11,676	8,397	50,585
Voter Turnout (Nov 2016)	% Latino est.	23%	21%	7%	11%	5%	14%	13%
	% Spanish-Surnamed	21%	18%	6%	10%	5%	12%	11%
	% Asian-Surnamed	17%	16%	28%	23%	23%	19%	21%
	% Filipino-Surnamed	4%	4%	1%	2%	1%	1%	2%
	% NH White est.	46%	49%	59%	60%	67%	58%	58%
	% NH Black est.	5%	5%	4%	2%	1%	3%	3%
	Total	22,039	15,906	22,292	23,342	25,858	25,785	135,222
ACS Pop. Est.	age0-19	23%	20%	27%	23%	27%	22%	24%
	age20-60	66%	64%	57%	60%	51%	65%	60%
	age60plus	11%	17%	16%	16%	22%	13%	16%
Immigration	immigrants	47%	47%	56%	51%	42%	47%	48%
	naturalized	32%	43%	38%	38%	48%	33%	38%
Language spoken at home	english	38%	41%	37%	41%	52%	44%	43%
	spanish	27%	20%	5%	8%	4%	14%	12%
	asian-lang	23%	31%	31%	31%	26%	25%	28%
	other lang	12%	8%	26%	21%	19%	16%	17%
Language Fluency	Speaks Eng. "Less than Very Well"	26%	26%	18%	19%	14%	18%	20%
Education (among those age 25+)	hs-grad	32%	39%	24%	28%	24%	29%	29%
	bachelor	28%	24%	35%	31%	34%	30%	31%
	graduatedegree	25%	24%	38%	35%	39%	35%	33%
Child in Household	child-under18	32%	27%	45%	35%	41%	29%	35%
Pct of Pop. Age 16+	employed	73%	68%	64%	65%	60%	69%	67%
Household Income	income 0-25k	9%	10%	8%	9%	8%	10%	9%
	income 25-50k	15%	13%	11%	12%	8%	9%	11%
	income 50-75k	12%	13%	10%	10%	10%	10%	10%
	income 75-200k	44%	45%	43%	44%	38%	45%	43%
	income 200k-plus	20%	19%	28%	25%	37%	27%	27%
Housing Stats	single family	47%	67%	54%	54%	77%	40%	55%
	multi-family	53%	33%	46%	46%	23%	60%	45%
	rented	61%	44%	54%	58%	35%	68%	54%
	owned	39%	56%	46%	42%	65%	32%	46%
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 2013-2017 American Community Survey and Special Tabulation 5-year data.								

Sunnyvale 2019 Districting

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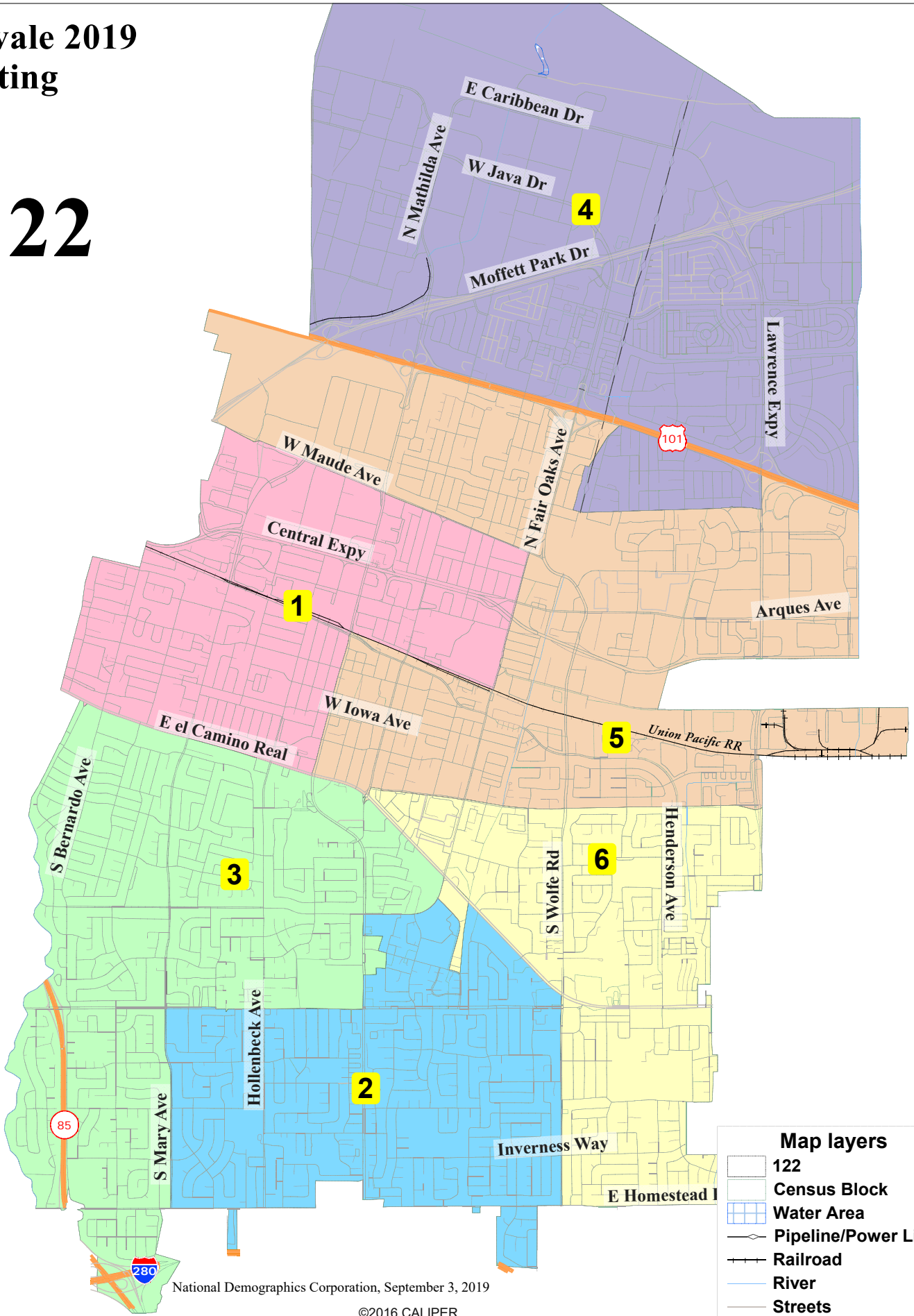
National Demographics Corporation, September 3, 2019

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City of Sunnyvale - Map 121								
District		1	2	3	4	5	6	Total
	Total Pop	23,051	23,719	23,347	22,067	24,067	23,834	140,085
	Deviation from ideal	-297	371	-1	-1,281	719	486	2,000
	% Deviation	-1.27%	1.59%	0.00%	-5.49%	3.08%	2.08%	8.57%
Total Pop	% Hisp	22%	10%	7%	22%	36%	17%	19%
	% NH White	32%	35%	51%	32%	24%	34%	34%
	% NH Black	3%	2%	1%	2%	2%	2%	2%
	% Asian-American	42%	52%	39%	41%	36%	45%	43%
	Total	11,680	11,335	14,130	8,259	11,516	12,355	69,274
Citizen Voting Age Pop	% Hisp	17%	6%	6%	22%	26%	12%	14%
	% NH White	49%	44%	58%	34%	36%	50%	46%
	% NH Black	2%	3%	1%	3%	4%	2%	2%
	% Asian/Pac.Isl.	31%	45%	33%	40%	32%	35%	36%
	Total	8,428	9,472	12,219	8,821	7,830	10,018	56,788
Voter Registration (Nov 2018)	% Latino est.	15%	6%	6%	23%	24%	11%	13%
	% Spanish-Surnamed	13%	6%	5%	21%	22%	10%	12%
	% Asian-Surnamed	21%	30%	26%	18%	18%	25%	23%
	% Filipino-Surnamed	2%	1%	1%	4%	4%	2%	2%
	% NH White est.	61%	60%	67%	52%	48%	60%	59%
	% NH Black	2%	3%	1%	3%	5%	2%	3%
	Total	5,992	6,747	9,379	5,913	5,257	7,144	40,432
Voter Turnout (Nov 2018)	% Latino est.	14%	6%	5%	21%	22%	10%	12%
	% Spanish-Surnamed	12%	5%	5%	19%	19%	9%	11%
	% Asian-Surnamed	19%	28%	24%	15%	17%	23%	22%
	% Filipino-Surnamed	2%	1%	1%	4%	4%	2%	2%
	% NH White est.	63%	63%	69%	56%	52%	64%	62%
	% NH Black	2%	3%	1%	4%	6%	2%	3%
	Total	7,323	8,089	11,096	8,063	7,275	8,740	50,585
Voter Turnout (Nov 2016)	% Latino est.	15%	6%	6%	20%	23%	11%	13%
	% Spanish-Surnamed	13%	5%	5%	18%	21%	10%	11%
	% Asian-Surnamed	19%	27%	23%	16%	17%	23%	21%
	% Filipino-Surnamed	1%	1%	1%	4%	4%	2%	2%
	% NH White est.	58%	61%	67%	49%	46%	59%	58%
	% NH Black est.	4%	3%	1%	5%	4%	3%	3%
	Total	23,363	24,863	24,893	15,680	23,831	22,592	135,222
ACS Pop. Est.	Total	23,363	24,863	24,893	15,680	23,831	22,592	135,222
Age	age0-19	21%	27%	27%	20%	23%	23%	24%
	age20-60	66%	57%	51%	63%	65%	60%	60%
	age60plus	13%	16%	22%	17%	12%	16%	16%
Immigration	immigrants	47%	56%	41%	47%	47%	50%	48%
	naturalized	32%	39%	48%	43%	33%	38%	38%
Language spoken at home	english	43%	38%	52%	41%	39%	41%	43%
	spanish	15%	5%	4%	20%	26%	8%	12%
	asian-lang	25%	31%	26%	31%	23%	31%	28%
	other lang	16%	26%	18%	9%	12%	21%	17%
Language Fluency	Speaks Eng. "Less than Very Well"	19%	18%	13%	26%	25%	18%	20%
Education (among those age 25+)	hs-grad	28%	24%	24%	39%	32%	28%	29%
	bachelor	29%	35%	34%	24%	28%	31%	31%
	graduatedegree	35%	38%	39%	24%	25%	35%	33%
Child in Household	child-under18	30%	44%	41%	27%	31%	35%	35%
Pct of Pop. Age 16+	employed	70%	64%	60%	68%	72%	65%	67%
Household Income	income 0-25k	8%	8%	7%	10%	12%	9%	9%
	income 25-50k	9%	11%	8%	13%	14%	13%	11%
	income 50-75k	10%	10%	9%	13%	12%	10%	10%
	income 75-200k	47%	43%	38%	45%	43%	44%	43%
	income 200k-plus	27%	29%	37%	19%	20%	25%	27%
Housing Stats	single family	41%	55%	77%	67%	44%	54%	55%
	multi-family	59%	45%	23%	33%	56%	46%	45%
	rented	66%	53%	34%	44%	65%	57%	54%
	owned	34%	47%	66%	56%	35%	43%	46%
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 2013-2017 American Community Survey and Special Tabulation 5-year data.								

Sunnyvale 2019 Districting

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Map layers

- 122
- Census Block
- Water Area
- Pipeline/Power Line
- Railroad
- River
- Streets

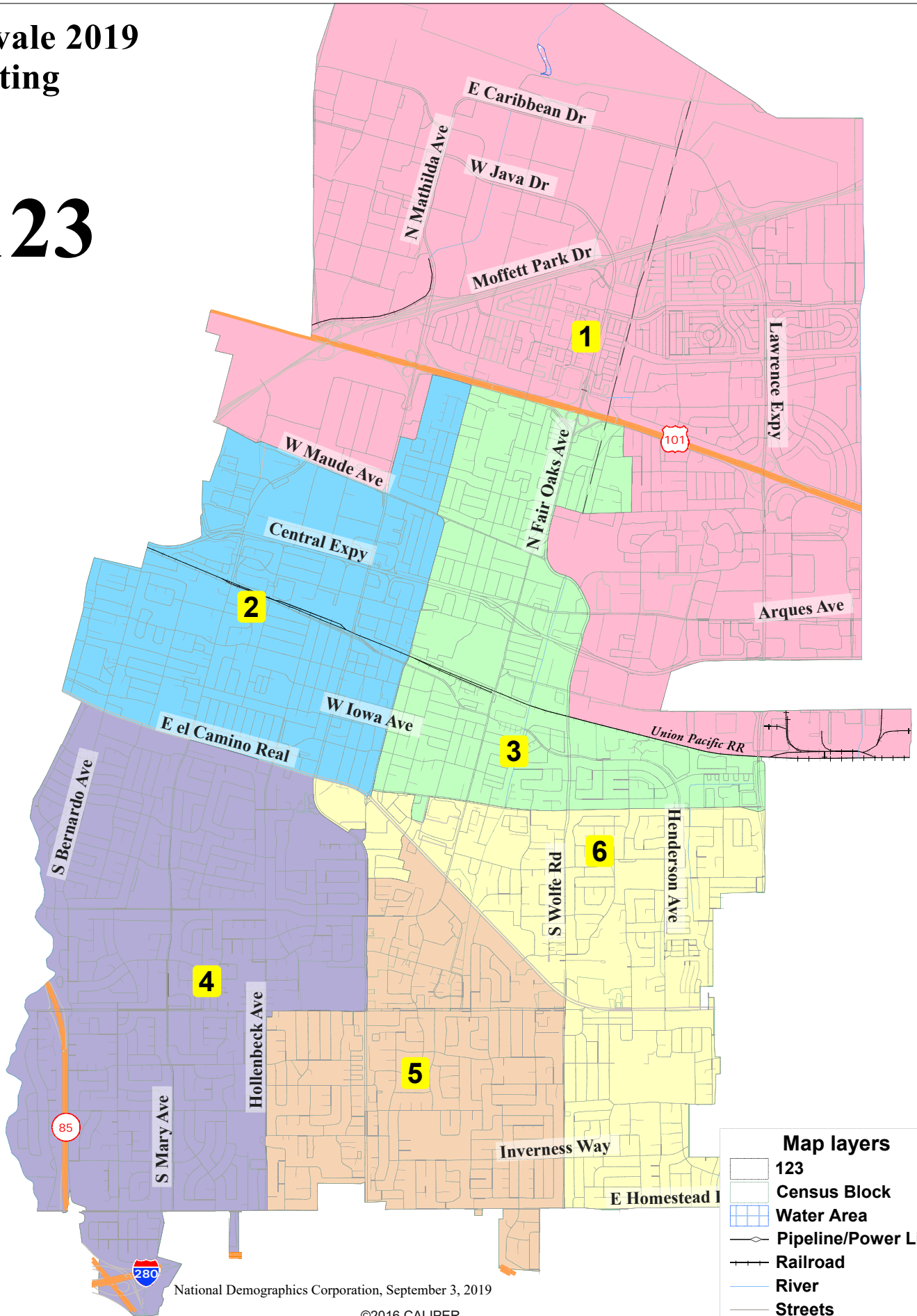
National Demographics Corporation, September 3, 2019

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City of Sunnyvale - Map 122								
District		1	2	3	4	5	6	Total
	Total Pop	23,395	24,468	22,842	23,143	23,320	22,917	140,085
	Deviation from ideal	47	1,120	-506	-205	-28	-431	1,626
	% Deviation	0.20%	4.80%	-2.17%	-0.88%	-0.12%	-1.85%	6.96%
Total Pop	% Hisp	26%	9%	8%	25%	28%	17%	19%
	% NH White	30%	37%	49%	30%	29%	32%	34%
	% NH Black	3%	2%	1%	2%	2%	2%	2%
	% Asian-American	39%	51%	40%	40%	38%	47%	43%
	Total	11,555	12,122	13,492	9,435	11,361	11,310	69,274
Citizen Voting Age Pop	% Hisp	20%	6%	6%	22%	20%	14%	14%
	% NH White	48%	46%	58%	31%	43%	48%	46%
	% NH Black	2%	3%	1%	3%	4%	2%	2%
	% Asian/Pac.Isl.	29%	44%	34%	43%	32%	35%	36%
	Total	8,041	10,430	11,467	9,538	8,589	8,723	56,788
Voter Registration (Nov 2018)	% Latino est.	17%	6%	6%	24%	19%	11%	13%
	% Spanish-Surnamed	15%	5%	5%	22%	17%	10%	12%
	% Asian-Surnamed	20%	30%	25%	17%	20%	24%	23%
	% Filipino-Surnamed	2%	1%	1%	5%	3%	2%	2%
	% NH White est.	59%	60%	67%	49%	53%	60%	59%
	% NH Black	2%	3%	1%	4%	5%	2%	3%
	Total	5,671	7,505	8,775	6,407	5,856	6,219	40,432
Voter Turnout (Nov 2018)	% Latino est.	15%	5%	5%	23%	17%	9%	12%
	% Spanish-Surnamed	14%	5%	5%	20%	15%	8%	11%
	% Asian-Surnamed	19%	28%	24%	15%	18%	23%	22%
	% Filipino-Surnamed	2%	1%	1%	5%	3%	1%	2%
	% NH White est.	62%	64%	69%	53%	57%	64%	62%
	% NH Black	2%	3%	1%	4%	5%	2%	3%
	Total	7,052	9,014	10,335	8,745	8,129	7,310	50,585
Voter Turnout (Nov 2016)	% Latino est.	16%	5%	6%	21%	19%	11%	13%
	% Spanish-Surnamed	15%	5%	5%	19%	17%	9%	11%
	% Asian-Surnamed	18%	27%	23%	16%	19%	23%	21%
	% Filipino-Surnamed	2%	1%	1%	5%	3%	2%	2%
	% NH White est.	58%	62%	67%	49%	46%	62%	58%
	% NH Black est.	4%	3%	1%	4%	4%	3%	3%
	Total	23,574	25,492	24,520	16,535	23,578	21,522	135,222
ACS Pop. Est.	age0-19	21%	27%	28%	20%	23%	24%	24%
	age20-60	67%	57%	51%	63%	65%	59%	60%
	age60plus	12%	16%	22%	17%	12%	17%	16%
Immigration	immigrants	48%	54%	41%	46%	47%	51%	48%
	naturalized	31%	42%	45%	44%	32%	38%	38%
Language spoken at home	english	42%	40%	52%	41%	40%	41%	43%
	spanish	17%	5%	4%	21%	22%	8%	12%
	asian-lang	25%	30%	26%	31%	24%	31%	28%
	other lang	16%	25%	18%	7%	14%	20%	17%
Language Fluency	Speaks Eng. "Less than Very Well"	20%	17%	14%	28%	23%	18%	20%
Education (among those age 25+)	hs-grad	28%	23%	25%	41%	29%	29%	29%
	bachelor	29%	35%	33%	24%	29%	31%	31%
	graduatedegree	34%	38%	38%	21%	30%	34%	33%
Child in Household	child-under18	29%	44%	41%	28%	30%	36%	35%
Pct of Pop. Age 16+	employed	71%	63%	60%	68%	72%	64%	67%
Household Income	income 0-25k	8%	8%	8%	11%	10%	9%	9%
	income 25-50k	9%	11%	8%	13%	14%	12%	11%
	income 50-75k	9%	10%	10%	13%	12%	10%	10%
	income 75-200k	48%	42%	39%	44%	42%	44%	43%
	income 200k-plus	26%	30%	36%	18%	21%	25%	27%
Housing Stats	single family	38%	59%	75%	69%	45%	53%	55%
	multi-family	62%	41%	25%	31%	55%	47%	45%
	rented	68%	49%	37%	43%	63%	59%	54%
	owned	32%	51%	63%	57%	37%	41%	46%
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 2013-2017 American Community Survey and Special Tabulation 5-year data.								

Sunnyvale 2019 Districting

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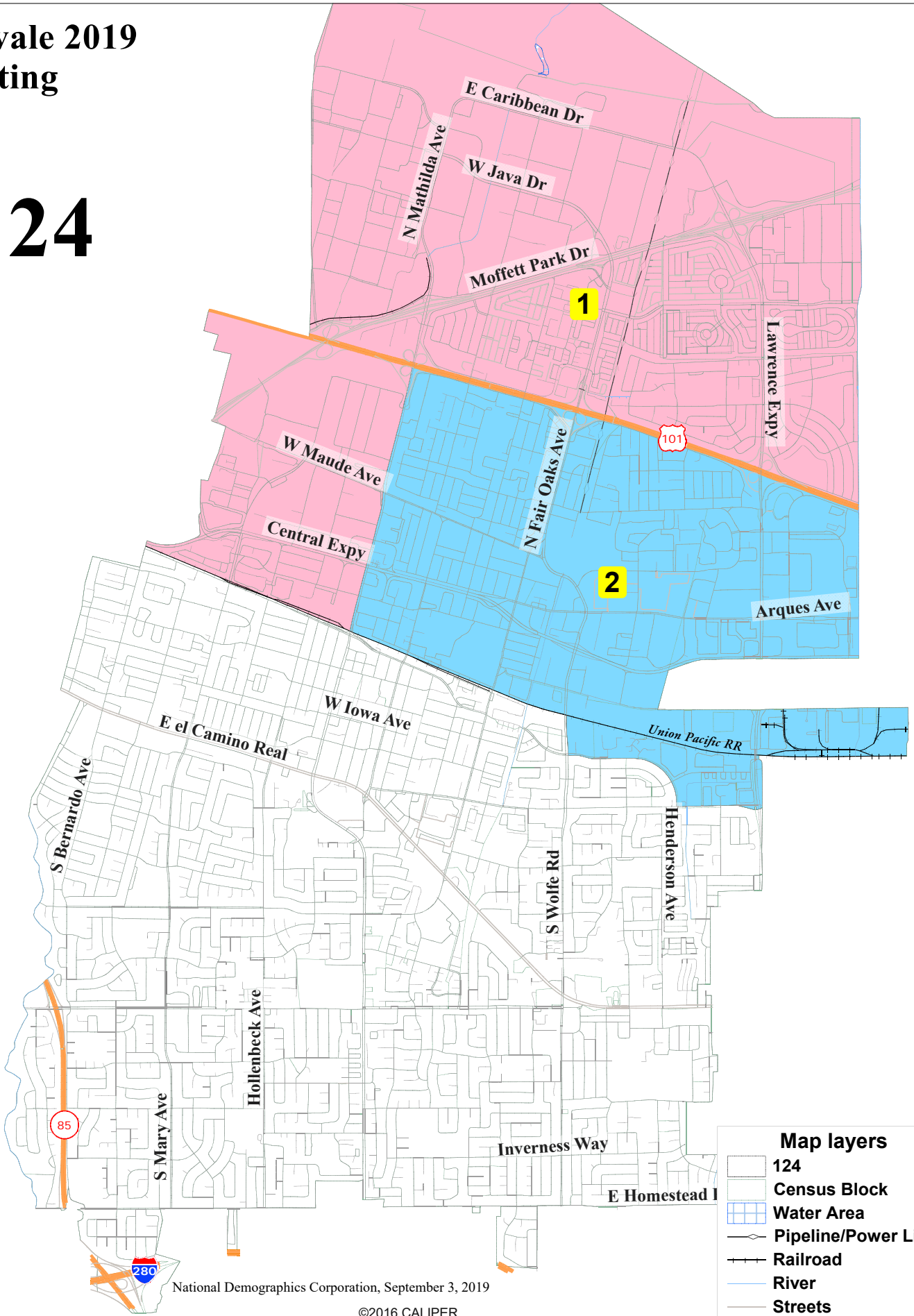
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City of Sunnyvale - Map 123								
District		1	2	3	4	5	6	Total
	Total Pop	23,290	23,410	23,386	23,329	23,285	23,385	140,085
	Deviation from ideal	-58	62	38	-19	-63	37	125
	% Deviation	-0.25%	0.27%	0.16%	-0.08%	-0.27%	0.16%	0.54%
Total Pop	% Hisp	23%	24%	32%	7%	10%	17%	19%
	% NH White	31%	31%	27%	51%	34%	32%	34%
	% NH Black	2%	3%	3%	1%	2%	2%	2%
	% Asian-American	41%	40%	36%	39%	52%	47%	43%
	Total	9,422	11,790	11,139	14,197	10,969	11,757	69,274
Citizen Voting Age Pop	% Hisp	21%	18%	24%	6%	7%	14%	14%
	% NH White	33%	49%	41%	58%	45%	49%	46%
	% NH Black	3%	2%	4%	1%	3%	2%	2%
	% Asian/Pac.Isl.	42%	30%	31%	34%	44%	35%	36%
	Total	9,585	8,512	8,071	12,495	9,110	9,015	56,788
Voter Registration (Nov 2018)	% Latino est.	24%	16%	20%	5%	7%	11%	13%
	% Spanish-Surnamed	21%	15%	18%	5%	6%	10%	12%
	% Asian-Surnamed	17%	20%	20%	26%	30%	24%	23%
	% Filipino-Surnamed	5%	2%	3%	1%	1%	2%	2%
	% NH White est.	50%	60%	52%	67%	59%	60%	59%
	% NH Black	3%	2%	5%	1%	3%	2%	3%
	Total	6,428	6,022	5,484	9,602	6,471	6,425	40,432
Voter Turnout (Nov 2018)	% Latino est.	22%	15%	18%	5%	6%	9%	12%
	% Spanish-Surnamed	20%	13%	16%	4%	5%	8%	11%
	% Asian-Surnamed	15%	19%	19%	24%	28%	23%	22%
	% Filipino-Surnamed	4%	2%	3%	1%	1%	1%	2%
	% NH White est.	54%	62%	55%	69%	63%	64%	62%
	% NH Black	4%	2%	5%	1%	3%	2%	3%
	Total	9,185	7,438	7,303	11,440	7,699	7,519	50,585
Voter Turnout (Nov 2016)	% Latino est.	20%	16%	20%	5%	6%	10%	13%
	% Spanish-Surnamed	18%	15%	18%	5%	5%	9%	11%
	% Asian-Surnamed	17%	18%	19%	23%	28%	23%	21%
	% Filipino-Surnamed	4%	2%	3%	1%	1%	2%	2%
	% NH White est.	47%	57%	49%	67%	61%	62%	58%
	% NH Black est.	4%	5%	4%	1%	3%	3%	3%
	Total	17,133	23,753	22,802	24,681	24,561	22,292	135,222
ACS Pop. Est.	Total	17,133	23,753	22,802	24,681	24,561	22,292	135,222
Age	age0-19	20%	22%	22%	27%	27%	24%	24%
	age20-60	64%	66%	66%	50%	57%	59%	60%
	age60plus	17%	12%	12%	22%	15%	17%	16%
Immigration	immigrants	47%	48%	48%	39%	56%	50%	48%
	naturalized	43%	31%	32%	51%	38%	38%	38%
Language spoken at home	english	40%	42%	40%	54%	37%	41%	43%
	spanish	20%	17%	23%	4%	5%	8%	12%
	asian-lang	31%	24%	24%	25%	31%	30%	28%
	other lang	8%	16%	14%	17%	27%	20%	17%
Language Fluency	Speaks Eng. "Less than Very Well"	27%	20%	24%	13%	18%	18%	20%
Education (among those age 25+)	hs-grad	39%	29%	29%	24%	24%	29%	29%
	bachelor	25%	29%	29%	34%	35%	31%	31%
	graduatedegree	23%	34%	29%	39%	38%	34%	33%
Child in Household	child-under18	27%	30%	30%	40%	45%	36%	35%
Pct of Pop. Age 16+	employed	69%	71%	72%	60%	64%	64%	67%
Household Income	income 0-25k	10%	8%	11%	7%	8%	9%	9%
	income 25-50k	13%	10%	14%	8%	11%	12%	11%
	income 50-75k	13%	10%	11%	9%	10%	10%	10%
	income 75-200k	45%	46%	43%	37%	43%	44%	43%
	income 200k-plus	19%	25%	21%	38%	28%	25%	27%
Housing Stats	single family	66%	39%	45%	82%	53%	54%	55%
	multi-family	34%	61%	55%	18%	47%	46%	45%
	rented	45%	68%	64%	31%	55%	58%	54%
	owned	55%	32%	36%	69%	45%	42%	46%
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 2013-2017 American Community Survey and Special Tabulation 5-year data.								

Sunnyvale 2019 Districting

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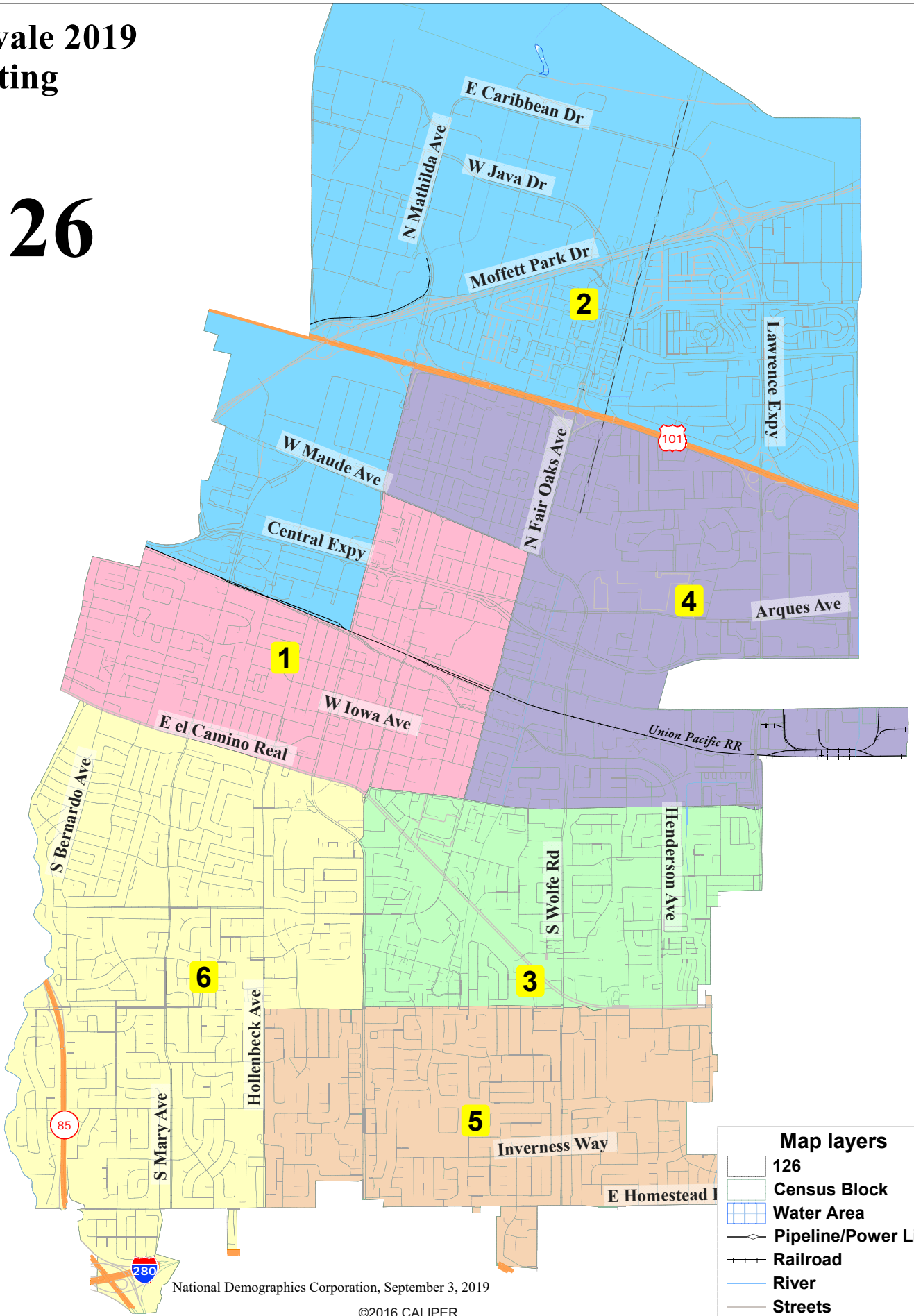
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City of Sunnyvale - Map 124								
District		1	2	3	4	5	6	Total
	Total Pop	24,043	24,378					140,085
	Deviation from ideal	695	1,030					
	% Deviation	2.98%	4.41%					
Total Pop	% Hisp	20%	36%					19%
	% NH White	32%	24%					34%
	% NH Black	2%	2%					2%
	% Asian-American	43%	35%					43%
Citizen Voting Age Pop	Total	9,442	11,352					69,274
	% Hisp	21%	26%					14%
	% NH White	34%	37%					46%
	% NH Black	3%	3%					2%
	% Asian/Pac.Isl.	41%	32%					36%
Voter Registration (Nov 2018)	Total	9,833	7,873					56,788
	% Latino est.	21%	26%					13%
	% Spanish-Surnamed	19%	23%					12%
	% Asian-Surnamed	18%	18%					23%
	% Filipino-Surnamed	4%	4%					2%
	% NH White est.	53%	49%					59%
Voter Turnout (Nov 2018)	% NH Black	3%	4%					3%
	Total	6,717	5,252					40,432
	% Latino est.	19%	23%					12%
	% Spanish-Surnamed	17%	21%					11%
	% Asian-Surnamed	16%	16%					22%
	% Filipino-Surnamed	4%	4%					2%
Voter Turnout (Nov 2016)	% NH White est.	57%	53%					62%
	% NH Black	4%	4%					3%
	Total	9,019	7,340					50,585
	% Latino est.	19%	24%					13%
	% Spanish-Surnamed	17%	22%					11%
	% Asian-Surnamed	16%	17%					21%
ACS Pop. Est.	% Filipino-Surnamed	4%	4%					2%
	% NH White est.	52%	45%					58%
	% NH Black est.	4%	4%					3%
	Total	17,306	23,708					135,222
	Age	age0-19	18%	23%				
age20-60		66%	66%					60%
age60plus		16%	11%					16%
Immigration	immigrants	49%	46%					48%
	naturalized	39%	34%					38%
Language spoken at home	english	42%	39%					43%
	spanish	14%	28%					12%
	asian-lang	30%	23%					28%
	other lang	13%	11%					17%
Language Fluency	Speaks Eng. "Less than Very Well"	24%	26%					20%
Education (among those age 25+)	hs-grad	34%	33%					29%
	bachelor	27%	28%					31%
	graduatedegree	30%	24%					33%
Child in Household	child-under18	25%	32%					35%
Pct of Pop. Age 16+	employed	68%	74%					67%
Household Income	income 0-25k	8%	10%					9%
	income 25-50k	11%	14%					11%
	income 50-75k	12%	12%					10%
	income 75-200k	47%	45%					43%
	income 200k-plus	22%	20%					27%
Housing Stats	single family	60%	47%					55%
	multi-family	40%	53%					45%
	rented	48%	61%					54%
	owned	52%	39%					46%
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 2013-2017 American Community Survey and Special Tabulation 5-year data.								

Sunnyvale 2019 Districting

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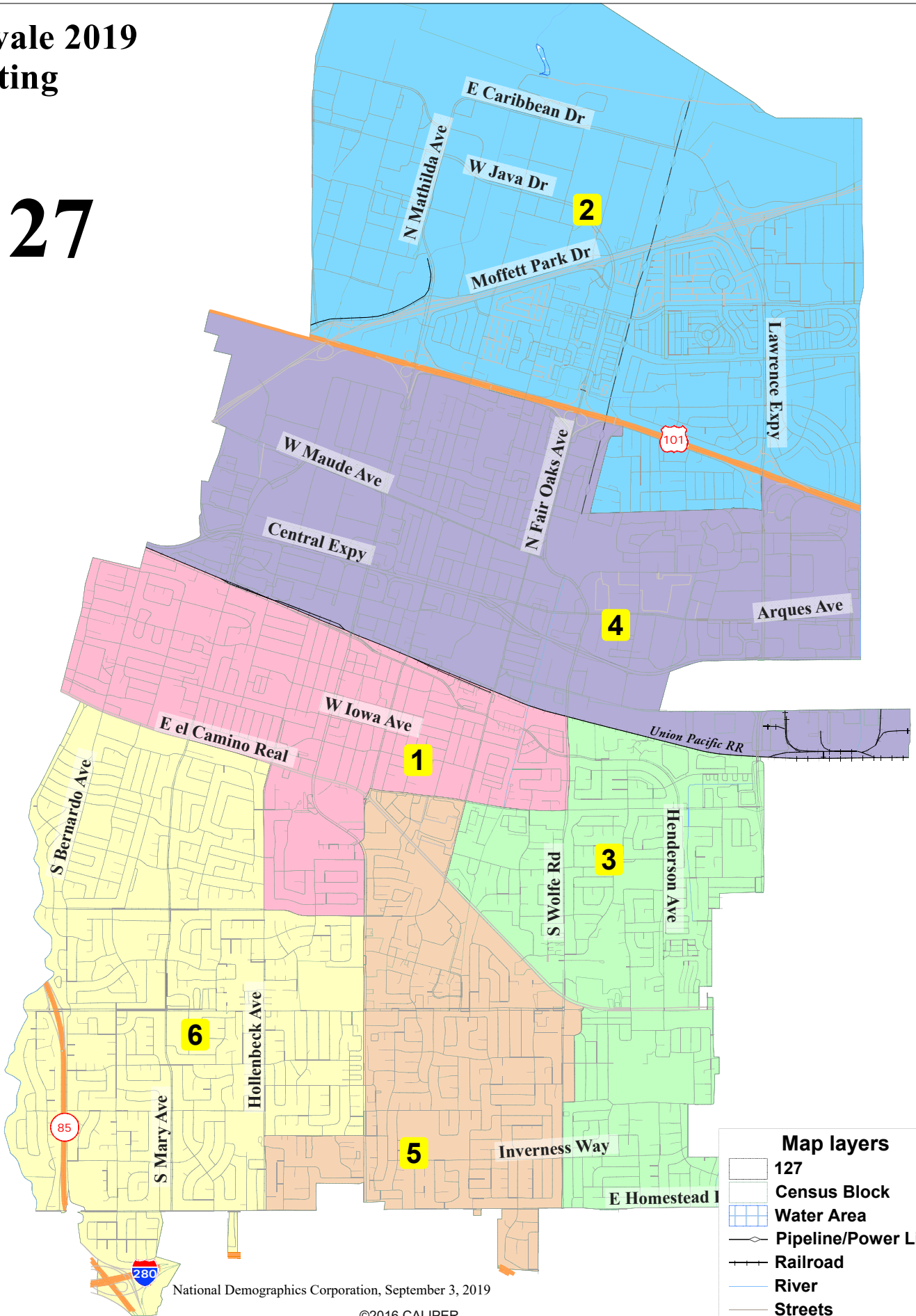
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City of Sunnyvale - Map 126								
District		1	2	3	4	5	6	Total
	Total Pop	22,443	24,043	23,844	23,372	22,484	23,899	140,085
	Deviation from ideal	-905	695	496	24	-864	551	1,600
	% Deviation	-3.88%	2.98%	2.12%	0.10%	-3.70%	2.36%	6.85%
Total Pop	% Hisp	28%	20%	17%	32%	10%	7%	19%
	% NH White	32%	32%	29%	24%	38%	51%	34%
	% NH Black	2%	2%	2%	2%	2%	1%	2%
	% Asian-American	36%	43%	50%	38%	48%	39%	43%
	Total	11,951	9,442	10,409	10,958	11,956	14,558	69,274
Citizen Voting Age Pop	% Hisp	19%	21%	14%	22%	7%	6%	14%
	% NH White	50%	34%	48%	37%	45%	58%	46%
	% NH Black	2%	3%	2%	3%	3%	1%	2%
	% Asian/Pac.Isl.	27%	41%	35%	36%	43%	35%	36%
	Total	8,455	9,833	7,670	7,880	10,222	12,728	56,788
Voter Registration (Nov 2018)	% Latino est.	17%	21%	12%	23%	7%	6%	13%
	% Spanish-Surnamed	16%	19%	10%	20%	6%	5%	12%
	% Asian-Surnamed	20%	18%	25%	19%	29%	26%	23%
	% Filipino-Surnamed	2%	4%	2%	4%	1%	1%	2%
	% NH White est.	59%	53%	59%	49%	60%	67%	59%
	% NH Black	2%	3%	2%	5%	3%	1%	3%
	Total	5,925	6,717	5,355	5,291	7,380	9,764	40,432
Voter Turnout (Nov 2018)	% Latino est.	16%	19%	10%	20%	6%	5%	12%
	% Spanish-Surnamed	14%	17%	9%	18%	5%	5%	11%
	% Asian-Surnamed	19%	16%	23%	18%	27%	24%	22%
	% Filipino-Surnamed	2%	4%	2%	4%	1%	1%	2%
	% NH White est.	62%	57%	63%	53%	63%	69%	62%
	% NH Black	2%	4%	2%	5%	3%	1%	3%
	Total	7,251	9,019	6,656	7,378	8,737	11,545	50,585
Voter Turnout (Nov 2016)	% Latino est.	17%	19%	10%	21%	7%	5%	13%
	% Spanish-Surnamed	15%	17%	9%	19%	6%	5%	11%
	% Asian-Surnamed	18%	16%	24%	19%	26%	23%	21%
	% Filipino-Surnamed	2%	4%	2%	4%	1%	1%	2%
	% NH White est.	56%	52%	57%	45%	62%	67%	58%
	% NH Black est.	4%	4%	2%	4%	3%	1%	3%
	Total	23,595	17,306	22,911	22,787	23,318	25,305	135,222
ACS Pop. Est.	age0-19	22%	18%	24%	23%	27%	27%	24%
	age20-60	65%	66%	60%	65%	57%	50%	60%
	age60plus	13%	16%	16%	12%	16%	22%	16%
Immigration	immigrants	47%	49%	56%	47%	52%	39%	48%
	naturalized	33%	39%	31%	33%	46%	50%	38%
Language spoken at home	english	43%	42%	35%	38%	41%	54%	43%
	spanish	19%	14%	8%	25%	6%	4%	12%
	asian-lang	25%	30%	32%	24%	30%	25%	28%
	other lang	13%	13%	25%	13%	23%	17%	17%
Language Fluency	Speaks Eng. "Less than Very Well"	20%	24%	20%	26%	16%	13%	20%
Education (among those age 25+)	hs-grad	30%	34%	25%	32%	28%	24%	29%
	bachelor	29%	27%	33%	27%	34%	34%	31%
	graduatedegree	32%	30%	37%	26%	35%	39%	33%
Child in Household	child-under18	29%	25%	37%	33%	45%	40%	35%
Pct of Pop. Age 16+	employed	70%	68%	63%	73%	65%	60%	67%
Household Income	income 0-25k	11%	8%	9%	10%	7%	7%	9%
	income 25-50k	9%	11%	10%	16%	12%	8%	11%
	income 50-75k	10%	12%	10%	12%	10%	9%	10%
	income 75-200k	45%	47%	47%	43%	40%	37%	43%
	income 200k-plus	25%	22%	23%	19%	30%	38%	27%
Housing Stats	single family	40%	60%	43%	47%	64%	81%	55%
	multi-family	60%	40%	57%	53%	36%	19%	45%
	rented	70%	48%	67%	60%	46%	31%	54%
	owned	30%	52%	33%	40%	54%	69%	46%
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 2013-2017 American Community Survey and Special Tabulation 5-year data.								

Sunnyvale 2019 Districting

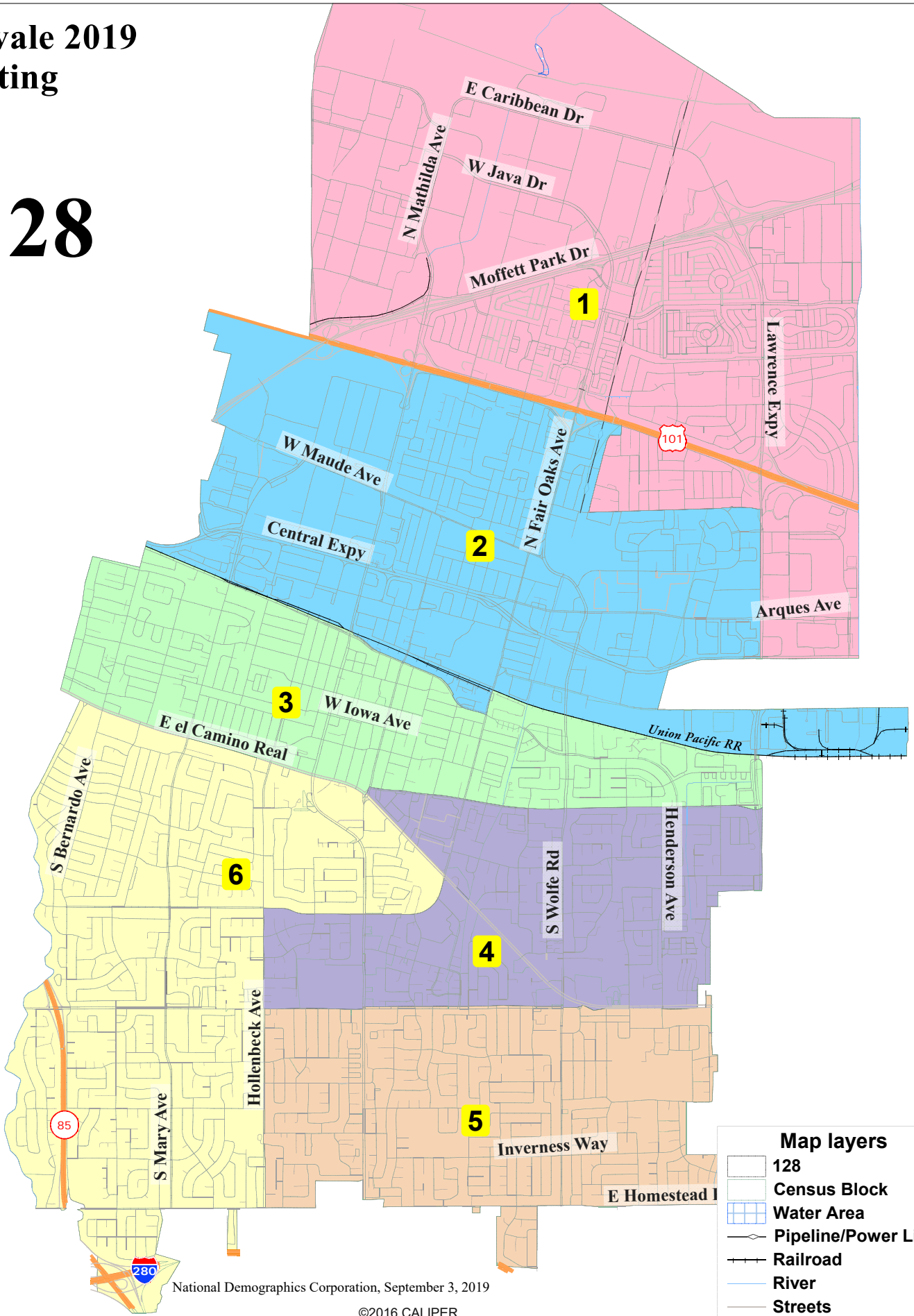
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City of Sunnyvale - Map 127								
District		1	2	3	4	5	6	Total
	Total Pop	23,372	22,720	23,986	22,996	23,736	23,275	140,085
	Deviation from ideal	24	-628	638	-352	388	-73	1,266
	% Deviation	0.10%	-2.69%	2.73%	-1.51%	1.66%	-0.31%	5.42%
Total Pop	% Hisp	22%	25%	17%	33%	10%	7%	19%
	% NH White	34%	30%	33%	27%	31%	52%	34%
	% NH Black	3%	2%	2%	2%	2%	1%	2%
	% Asian-American	39%	40%	45%	36%	56%	39%	43%
	Total	12,480	9,249	12,616	10,824	9,805	14,300	69,274
Citizen Voting Age Pop	% Hisp	15%	22%	13%	26%	8%	5%	14%
	% NH White	51%	31%	49%	40%	44%	57%	46%
	% NH Black	3%	3%	2%	3%	3%	1%	2%
	% Asian/Pac.Isl.	30%	43%	35%	30%	44%	36%	36%
	Total	9,276	9,422	9,768	7,535	8,121	12,666	56,788
Voter Registration (Nov 2018)	% Latino est.	14%	24%	12%	22%	7%	5%	13%
	% Spanish-Surnamed	13%	22%	10%	20%	7%	4%	12%
	% Asian-Surnamed	21%	17%	25%	18%	30%	26%	23%
	% Filipino-Surnamed	2%	5%	2%	3%	1%	1%	2%
	% NH White est.	60%	49%	60%	53%	58%	67%	59%
	% NH Black	3%	4%	2%	4%	4%	1%	3%
Voter Turnout (Nov 2018)	Total	6,561	6,335	6,951	5,123	5,706	9,756	40,432
	% Latino est.	13%	23%	10%	19%	6%	4%	12%
	% Spanish-Surnamed	12%	20%	9%	17%	6%	4%	11%
	% Asian-Surnamed	20%	15%	23%	17%	28%	25%	22%
	% Filipino-Surnamed	2%	5%	2%	3%	1%	1%	2%
	% NH White est.	63%	53%	64%	57%	61%	69%	62%
	% NH Black	3%	4%	2%	4%	4%	1%	3%
Voter Turnout (Nov 2016)	Total	7,941	8,606	8,386	7,014	7,029	11,610	50,585
	% Latino est.	14%	21%	11%	22%	7%	5%	13%
	% Spanish-Surnamed	12%	19%	10%	20%	6%	4%	11%
	% Asian-Surnamed	20%	16%	23%	16%	28%	24%	21%
	% Filipino-Surnamed	1%	4%	2%	3%	1%	1%	2%
	% NH White est.	58%	49%	60%	50%	58%	67%	58%
	% NH Black est.	4%	4%	2%	4%	3%	2%	3%
ACS Pop. Est.	Total	24,869	16,109	23,206	23,126	23,385	24,527	135,222
Age	age0-19	23%	20%	23%	21%	27%	27%	24%
	age20-60	63%	63%	60%	68%	57%	51%	60%
	age60plus	14%	17%	16%	10%	16%	22%	16%
Immigration	immigrants	46%	46%	51%	48%	56%	41%	48%
	naturalized	33%	44%	37%	31%	37%	50%	38%
Language spoken at home	english	44%	41%	40%	40%	37%	52%	43%
	spanish	16%	21%	8%	24%	5%	3%	12%
	asian-lang	26%	31%	31%	22%	31%	26%	28%
	other lang	15%	8%	21%	14%	27%	18%	17%
Language Fluency	Speaks Eng. "Less than Very Well"	19%	28%	19%	24%	18%	14%	20%
Education (among those age 25+)	hs-grad	30%	41%	28%	29%	23%	24%	29%
	bachelor	29%	24%	31%	29%	35%	34%	31%
	graduatedegree	33%	21%	35%	29%	39%	38%	33%
Child in Household	child-under18	31%	28%	35%	29%	45%	41%	35%
Pct of Pop. Age 16+	employed	68%	68%	65%	74%	64%	61%	67%
Household Income	income 0-25k	10%	11%	9%	8%	8%	8%	9%
	income 25-50k	10%	13%	12%	12%	10%	9%	11%
	income 50-75k	11%	13%	10%	11%	9%	10%	10%
	income 75-200k	43%	44%	44%	47%	44%	37%	43%
	income 200k-plus	26%	18%	25%	22%	28%	37%	27%
Housing Stats	single family	43%	70%	53%	44%	54%	78%	55%
	multi-family	57%	30%	47%	56%	46%	22%	45%
	rented	67%	43%	58%	62%	55%	34%	54%
	owned	33%	57%	42%	38%	45%	66%	46%
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 2013-2017 American Community Survey and Special Tabulation 5-year data.								

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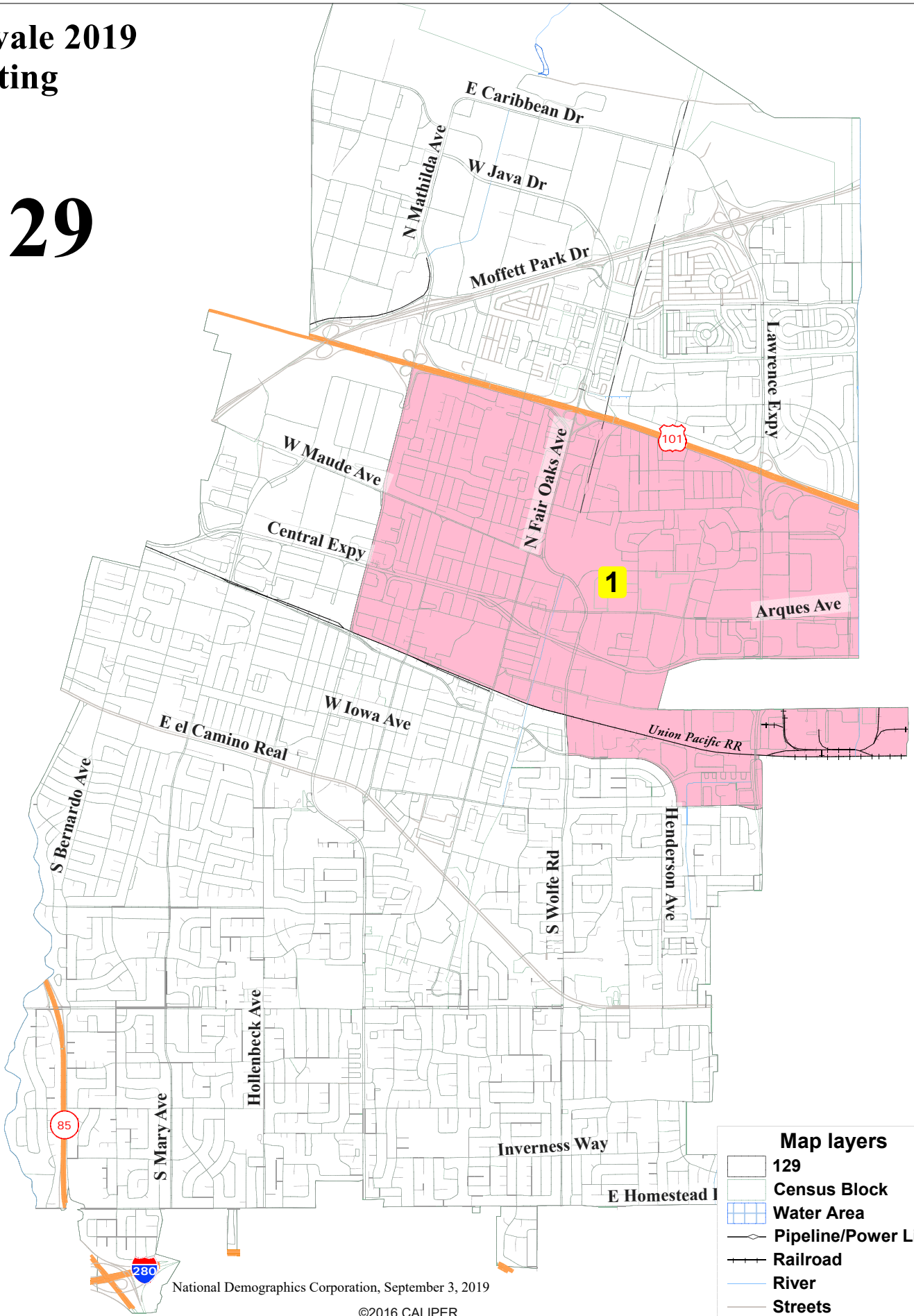
National Demographics Corporation, September 3, 2019

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City of Sunnyvale - Map 128								
District		1	2	3	4	5	6	Total
	Total Pop	24,026	22,564	23,268	23,491	22,484	24,252	140,085
	Deviation from ideal	678	-784	-80	143	-864	904	1,768
	% Deviation	2.90%	-3.36%	-0.34%	0.61%	-3.70%	3.87%	7.57%
Total Pop	% Hisp	24%	33%	23%	16%	10%	8%	19%
	% NH White	30%	27%	32%	30%	38%	49%	34%
	% NH Black	2%	2%	3%	2%	2%	1%	2%
	% Asian-American	41%	35%	41%	49%	48%	41%	43%
	Total	9,587	11,041	11,723	10,392	11,956	14,576	69,274
Citizen Voting Age Pop	% Hisp	22%	26%	16%	13%	7%	6%	14%
	% NH White	32%	39%	51%	48%	45%	58%	46%
	% NH Black	3%	3%	2%	2%	3%	1%	2%
	% Asian/Pac.Isl.	42%	31%	30%	35%	43%	34%	36%
	Total	9,706	7,598	8,864	7,864	10,222	12,534	56,788
Voter Registration (Nov 2018)	% Latino est.	24%	22%	15%	11%	7%	6%	13%
	% Spanish-Surnamed	22%	20%	13%	10%	6%	5%	12%
	% Asian-Surnamed	17%	18%	22%	25%	29%	26%	23%
	% Filipino-Surnamed	5%	3%	2%	2%	1%	1%	2%
	% NH White est.	50%	53%	59%	60%	60%	67%	59%
	% NH Black	3%	4%	3%	2%	3%	1%	3%
	Total	6,506	5,195	6,233	5,531	7,380	9,588	40,432
Voter Turnout (Nov 2018)	% Latino est.	22%	19%	13%	9%	6%	5%	12%
	% Spanish-Surnamed	20%	17%	12%	8%	5%	5%	11%
	% Asian-Surnamed	15%	17%	21%	23%	27%	24%	22%
	% Filipino-Surnamed	5%	3%	2%	2%	1%	1%	2%
	% NH White est.	54%	56%	61%	64%	63%	69%	62%
	% NH Black	4%	5%	3%	2%	3%	1%	3%
	Total	8,826	6,976	7,845	6,774	8,737	11,427	50,585
Voter Turnout (Nov 2016)	% Latino est.	21%	22%	14%	10%	7%	6%	13%
	% Spanish-Surnamed	19%	20%	13%	9%	6%	5%	11%
	% Asian-Surnamed	16%	16%	21%	24%	26%	23%	21%
	% Filipino-Surnamed	4%	3%	2%	2%	1%	1%	2%
	% NH White est.	49%	49%	55%	59%	62%	66%	58%
	% NH Black est.	5%	4%	4%	2%	3%	1%	3%
	Total	17,817	22,487	23,384	22,450	23,318	25,766	135,222
ACS Pop. Est.	Total	17,817	22,487	23,384	22,450	23,318	25,766	135,222
Age	age0-19	20%	21%	22%	24%	27%	27%	24%
	age20-60	64%	68%	65%	59%	57%	51%	60%
	age60plus	16%	11%	13%	17%	16%	22%	16%
Immigration	immigrants	46%	47%	48%	54%	52%	41%	48%
	naturalized	43%	31%	31%	32%	46%	47%	38%
Language spoken at home	english	40%	40%	41%	37%	41%	53%	43%
	spanish	21%	24%	16%	7%	6%	4%	12%
	asian-lang	31%	22%	27%	32%	30%	26%	28%
	other lang	8%	14%	16%	24%	23%	18%	17%
Language Fluency	Speaks Eng. "Less than Very Well"	27%	24%	19%	20%	16%	14%	20%
Education (among those age 25+)	hs-grad	39%	29%	29%	25%	28%	24%	29%
	bachelor	24%	29%	28%	32%	34%	34%	31%
	graduatedegree	23%	28%	35%	37%	35%	39%	33%
Child in Household	child-under18	28%	29%	30%	36%	45%	41%	35%
Pct of Pop. Age 16+	employed	69%	73%	70%	63%	65%	60%	67%
Household Income	income 0-25k	11%	9%	10%	9%	7%	8%	9%
	income 25-50k	12%	13%	11%	10%	12%	8%	11%
	income 50-75k	13%	11%	11%	10%	10%	9%	10%
	income 75-200k	45%	46%	43%	46%	40%	38%	43%
	income 200k-plus	19%	22%	25%	24%	30%	37%	27%
Housing Stats	single family	66%	44%	40%	46%	64%	77%	55%
	multi-family	34%	56%	60%	54%	36%	23%	45%
	rented	45%	63%	69%	64%	46%	35%	54%
	owned	55%	37%	31%	36%	54%	65%	46%
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 2013-2017 American Community Survey and Special Tabulation 5-year data.								

Sunnyvale 2019 Districting

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City of Sunnyvale - Map 129								
District		1	2	3	4	5	6	Total
	Total Pop	24,378						140,085
	Deviation from ideal	1,030						
	% Deviation	4.41%						
Total Pop	% Hisp	36%						19%
	% NH White	24%	Partial Map: one district designed for six-					34%
	% NH Black	2%	district map					2%
	% Asian-American	35%					43%	
	Total	11,352					69,274	
Citizen Voting Age Pop	% Hisp	26%					14%	
	% NH White	37%					46%	
	% NH Black	3%					2%	
	% Asian/Pac.Isl.	32%					36%	
	Total	7,873					56,788	
Voter Registration (Nov 2018)	% Latino est.	26%					13%	
	% Spanish-Surnamed	23%					12%	
	% Asian-Surnamed	18%					23%	
	% Filipino-Surnamed	4%					2%	
	% NH White est.	49%					59%	
	% NH Black	4%					3%	
Voter Turnout (Nov 2018)	Total	5,252					40,432	
	% Latino est.	23%					12%	
	% Spanish-Surnamed	21%					11%	
	% Asian-Surnamed	16%					22%	
	% Filipino-Surnamed	4%					2%	
	% NH White est.	53%					62%	
Voter Turnout (Nov 2016)	% NH Black	4%					3%	
	Total	7,340					50,585	
	% Latino est.	24%					13%	
	% Spanish-Surnamed	22%					11%	
	% Asian-Surnamed	17%					21%	
	% Filipino-Surnamed	4%					2%	
ACS Pop. Est.	% NH White est.	45%					58%	
	% NH Black est.	4%					3%	
Age	Total	23,708					135,222	
	age0-19	23%					24%	
	age20-60	66%					60%	
Immigration	age60plus	11%					16%	
	immigrants	46%					48%	
Language spoken at home	naturalized	34%					38%	
	english	39%					43%	
	spanish	28%					12%	
	asian-lang	23%					28%	
Language Fluency	other lang	11%					17%	
	Speaks Eng. "Less than Very Well"	26%					20%	
Education (among those age 25+)	hs-grad	33%					29%	
	bachelor	28%					31%	
	graduatedegree	24%					33%	
Child in Household	child-under18	32%					35%	
Pct of Pop. Age 16+	employed	74%					67%	
Household Income	income 0-25k	10%					9%	
	income 25-50k	14%					11%	
	income 50-75k	12%					10%	
	income 75-200k	45%					43%	
	income 200k-plus	20%					27%	
Housing Stats	single family	47%					55%	
	multi-family	53%					45%	
	rented	61%					54%	
	owned	39%					46%	
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 2013-2017 American Community Survey and Special Tabulation 5-year data.								