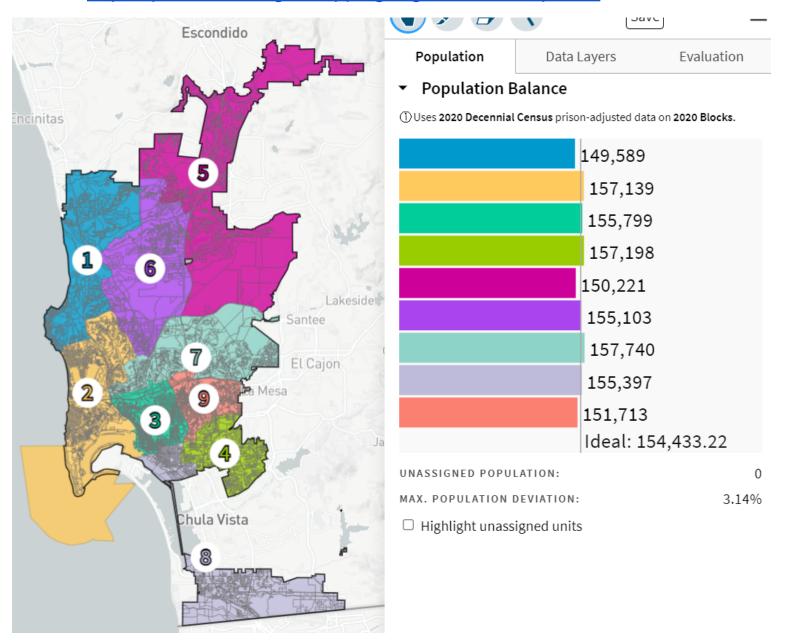# San Diego 10/29/2021 Redistricting Commission Map

Link to map:

https://portal.sandiego-mapping.org/submission/p6246



**Methodology**

The following map was approved by the Redistricting Commission (8-1) on October 29, 2021. This map differs from the Commission Chair's Updated Preliminary Map Proposal (https://portal.sandiego-mapping.org/submission/p6030) by: transferring the 10th Avenue Terminal to District 8, and transferring the San Diego International Airport and adjacent areas to District 2.

## Population and Deviation

| District | Total Population | Raw Deviation | % Deviation |
|---|---|---|---|
| 1 | 149,589 | -4,844 | -3.14% |
| 2 | 157,139 | 2,706 | 1.75% |
| 3 | 155,799 | 1,366 | 0.88% |
| 4 | 157,198 | 2,765 | 1.79% |
| 5 | 150,221 | -4,212 | -2.73% |
| 6 | 155,103 | 670 | 0.43% |
| 7 | 157,740 | 3,307 | 2.14% |
| 8 | 155,397 | 964 | 0.62% |
| 9 | 151,713 | -2,720 | -1.76% |
| Ideal | 154433.2222 | Total Deviation: | **5.28%** |

## Population

| District | Total Population | %Latino | %Asian | %Black | CVAP %Latino | CVAP %Asian | CVAP %Black |
|---|---|---|---|---|---|---|---|
| 1 | 149,589 | 10.87% | 25.73% | 1.38% | 9.26% | 17.67% | 1.38% |
| 2 | 157,139 | 17.14% | 4.82% | 2.40% | 13.76% | 4.86% | 2.65% |
| 3 | 155,799 | 23.63% | 7.07% | 5.60% | 19.70% | 5.70% | 6.43% |
| 4 | 157,198 | 48.77% | 21.30% | 15.28% | 37.84% | 21.81% | 21.64% |
| 5 | 150,221 | 11.21% | 27.63% | 2.17% | 9.71% | 21.08% | 2.57% |
| 6 | 155,103 | 16.16% | 37.68% | 3.40% | 13.66% | 32.06% | 4.41% |
| 7 | 157,740 | 21.98% | 13.44% | 5.69% | 17.08% | 12.28% | 5.53% |
| 8 | 155,397 | 75.86% | 7.31% | 4.60% | 67.30% | 9.61% | 6.32% |
| 9 | 151,713 | 40.25% | 13.50% | 10.22% | 28.63% | 13.36% | 11.55% |
| **Totals** | **1389899** | | | | | | |

## Compactness
[Understanding Compactness](#)

| District | Perimeter | Area_Sq_Mi | Polsby Popper | Schwartzberg | Convex_Hull | Reock |
|---|---|---|---|---|---|---|
| 1 | 42.6 | 42 | 0.2882 | 0.5369 | 0.7136 | 0.3156 |

| | | | | | | |
|---|---|---|---|---|---|---|
| 2 | 60.2 | 71 | 0.2455 | 0.4955 | 0.7168 | 0.342 |
| 3 | 21.8 | 16 | 0.4323 | 0.6575 | 0.8435 | 0.5875 |
| 4 | 26.7 | 18 | 0.3236 | 0.5689 | 0.7879 | 0.6452 |
| 5 | 113 | 88 | 0.087 | 0.2949 | 0.4374 | 0.2489 |
| 6 | 37.9 | 46 | 0.4049 | 0.6364 | 0.8137 | 0.3917 |
| 7 | 39.9 | 38 | 0.3043 | 0.5516 | 0.7931 | 0.3363 |
| 8 | 62.4 | 38 | 0.1234 | 0.3513 | 0.2983 | 0.1562 |
| 9 | 20.9 | 14 | 0.4014 | 0.6335 | 0.7411 | 0.4576 |
| **Avg** | | | **0.2901** | **0.5252** | **0.6828** | **0.3868** |

## Splits Summary

| Community Planning Areas | | Neighborhoods | |
|---|---|---|---|
| **Split across number of districts** | **Number of CPAs** | **Split across number of districts** | **Number of neighborhoods** |
| 1 | 42 | 1 | 101 |
| 2 | 14 | 2 | 20 |
| 3 | 3 | 3 | 4 |
| | | 7 | 1 |

# How to Read Map Reports

Full reports from the Haystaq-created draft maps, as well as community-submitted district plans (through 10/12) can be found on the city website as Excel files. These reports were created by proprietary python code written by HaystaqDNA. Here is a basic primer on the components/tabs of these reports:

**Maps:**
These are just images from the city's Districtr hosted website of each map.

**Populations:**
When we create a plan or export a plan from Districtr, we export it as a 'block equivalency file'. Basically the U.S. Census divided all of the geography of the City of San Diego up into 'blocks'. At its most basic, a block can correspond to a city block, but the census will also use permanent geographic features (a waterway, a canyon, a ridge, a highway) to define a block.  The census then published population and demographic data associated with each block (a P.L 94-171 file). Then the Statewide Database on behalf of the state of California takes that PL file and does prisoner reallocation and reassigns in-state prisoners back to their original blocks.  To create the 'Populations' report we match up the blocks of each district with the blocks in this file and summarize all of the population within this district.

Defining some of the abbreviations: NL = non-Latino, AIAN=American Indian and Alaskan Native, VAP = Voting Age Population (age 18+), CVAP19 = 2019 Citizen Voting Age Population (an estimate of eligible voters).

Deviations are calculated against an ideal population of each district.  To find the ideal population we simply divide the population of San Diego (1,389,899) by the number of districts(9) to find 154,433. The raw deviation is how far off this number a district population is. The final deviation number is found by adding the absolute value of the lowest negative deviation to the highest absolute value of the highest positive deviation.  Example:  District 9 has the lowest negative deviation of -3.06%.  District 5 has the highest positive deviation of 2.80%.  So the final deviation is 3.06%+ 2.80% = 5.86%

**Components:**

The Component report is a list of all of the Community Planning Areas and Neighborhoods and their populations that make up a district.

**OldDistrict:**

This report lists what existing city council districts and their populations make up the new proposed districts.

**Compactness:**

For more information on the math behind compactness measures, here is a good resource: https://fisherzachary.github.io/public/r-output.html. For these tests, the closer the score is to 1, the more compact the district, and the closer to 0, the less compact the district is.

**Splits**
There are two versions of the splits report.  One that looks at how many districts each Community Planning Association is in and one that looks at how many districts each Neighborhood is in.

### Community Splits:
'Military Facilities', 'Reserve' and 'Not Identified' show up as splits, mostly because there are multiple areas with those names.  They will show up as splits on almost every map.

Keep in mind physical geography when looking at neighborhood and CPA splits. For example, Los Penasquitos Canyon will show a 0 population split on some maps.  This is because there is a very long and very narrow canyon that extends eastward from the community.  It falls between Park Village and Mira Mesa and has 0 population.  In many of the maps for reasons of compactness we will place this canyon in a different district than the area with residents.

### Neighborhood Splits:

Specifically regarding neighborhood splits: when we reduced the number of splits on the map we optimized for CPAs.  Many times CPAs and Neighborhoods follow similar but not identical boundaries.  Often the CPA will have its line on one side of a highway and the neighborhood the other.  So there are 'many' neighborhoods that will show 0 population splits.  We hold that in general you should ignore the 0 population splits.

| new_districts | orig_districts | Population_P2 |
|---|---|---|
| 1 | 1 | 148,836 |
| 1 | 2 | 753 |
| 1 | 6 | 0 |
| 2 | 2 | 137,540 |
| 2 | 6 | 19,599 |
| 2 | 1 | 0 |
| 2 | 3 | 0 |
| 2 | 7 | 0 |
| 3 | 3 | 146,057 |
| 3 | 7 | 8,980 |
| 3 | 2 | 762 |
| 3 | 8 | 0 |
| 3 | 9 | 0 |
| 4 | 4 | 136,999 |
| 4 | 9 | 20,199 |
| 5 | 5 | 150,082 |
| 5 | 7 | 139 |
| 5 | 6 | 0 |
| 6 | 6 | 128,605 |
| 6 | 1 | 17,820 |
| 6 | 5 | 8,678 |
| 6 | 7 | 0 |
| 7 | 7 | 142,689 |
| 7 | 2 | 10,897 |
| 7 | 6 | 4,154 |
| 8 | 8 | 149,313 |
| 8 | 9 | 6,084 |
| 9 | 9 | 119,921 |
| 9 | 3 | 15,391 |
| 9 | 4 | 8,709 |
| 9 | 7 | 7,692 |

| split_across_num_districts | number of COMMUNITYs |
|---|---|
| 1 | 42 |
| 2 | 14 |
| 3 | 3 |

| COMMUNITY | DISTRICT | Total_Population | | COMMUNITY | districts | | DISTRICT | COMMUNITY_count |
|---|---|---|---|---|---|---|---|---|
| BALBOA PARK | 3 | 617 | | | 2 | | 1 | 13 |
| BARRIO LOGAN | 8 | 4,222 | | CLAIREMONT MESA | 2 | | 2 | 10 |
| BLACK MOUNTAIN RANCH | 5 | 15,795 | | DEL MAR MESA | 2 | | 3 | 8 |
| CARMEL MOUNTAIN RANCH | 5 | 11,207 | | DOWNTOWN | 2 | | 4 | 5 |
| CARMEL VALLEY | 1 | 35,889 | | KEARNY MESA | 2 | | 5 | 12 |
| CLAIREMONT MESA | 2 | 48,725 | | LOS PENASQUITOS CANYON | 2 | | 6 | 9 |
| CLAIREMONT MESA | 6 | 31,043 | | MID-CITY:CITY HEIGHTS | 2 | | 7 | 6 |
| COLLEGE AREA | 9 | 24,969 | | MID-CITY:EASTERN AREA | 2 | | 8 | 9 |
| DEL MAR MESA | 1 | 1,050 | | MIDWAY-PACIFIC HIGHWAY | 2 | | 9 | 7 |
| DEL MAR MESA | 6 | 359 | | MILITARY FACILITIES | 3 | | | |
| DOWNTOWN | 3 | 44,083 | | MISSION VALLEY | 3 | | | |
| DOWNTOWN | 8 | 86 | | NOT IDENTIFIED | 2 | | | |
| EAST ELLIOTT | 5 | 98 | | PACIFIC BEACH | 2 | | | |
| ENCANTO NEIGHBORHOODS | 4 | 48,624 | | RANCHO PENASQUITOS | 2 | | | |
| FAIRBANKS RANCH COUNTRY CLUB | 1 | 468 | | RESERVE | 3 | | | |
| GREATER GOLDEN HILL | 3 | 14,307 | | SOUTHEASTERN SAN DIEGO | 2 | | | |
| KEARNY MESA | 7 | 10,798 | | UNIVERSITY | 2 | | | |
| KEARNY MESA | 6 | 1,371 | | | | | | |
| LA JOLLA | 1 | 29,783 | | | | | | |
| LINDA VISTA | 7 | 35,647 | | | | | | |
| LOS PENASQUITOS CANYON | 1 | 606 | | | | | | |
| LOS PENASQUITOS CANYON | 6 | 0 | | | | | | |
| MID-CITY:CITY HEIGHTS | 9 | 66,699 | | | | | | |
| MID-CITY:CITY HEIGHTS | 4 | 2,284 | | | | | | |
| MID-CITY:EASTERN AREA | 9 | 22,461 | | | | | | |
| MID-CITY:EASTERN AREA | 4 | 18,169 | | | | | | |
| MID-CITY:KENSINGTON-TALMADGE | 9 | 14,484 | | | | | | |
| MID-CITY:NORMAL HEIGHTS | 9 | 15,361 | | | | | | |

| | | |
|---|---|---|
| MIDWAY-PACIFIC HIGHWAY | 2 | 6,807 |
| MIDWAY-PACIFIC HIGHWAY | 3 | 762 |
| MILITARY FACILITIES | 6 | 8,008 |
| MILITARY FACILITIES | 8 | 7,020 |
| MILITARY FACILITIES | 5 | 149 |
| MIRA MESA | 6 | 77,935 |
| MIRAMAR RANCH NORTH | 5 | 11,880 |
| MISSION BAY PARK | 2 | 1,688 |
| MISSION BEACH | 2 | 3,292 |
| MISSION VALLEY | 3 | 9,055 |
| MISSION VALLEY | 7 | 8,804 |
| MISSION VALLEY | 9 | 7,722 |
| NAVAJO | 7 | 53,486 |
| NCFUA SUBAREA II | 1 | 766 |
| NORTH PARK | 3 | 46,715 |
| NOT IDENTIFIED | 2 | 2,264 |
| NOT IDENTIFIED | 8 | 0 |
| OCEAN BEACH | 2 | 12,922 |
| OLD TOWN SAN DIEGO | 3 | 1,234 |
| OTAY MESA | 8 | 19,494 |
| OTAY MESA-NESTOR | 8 | 61,284 |
| PACIFIC BEACH | 2 | 40,056 |
| PACIFIC BEACH | 1 | 602 |
| PACIFIC HIGHLANDS RANCH | 1 | 14,379 |
| PENINSULA | 2 | 41,276 |
| RANCHO BERNARDO | 5 | 42,902 |
| RANCHO ENCANTADA | 5 | 3,404 |
| RANCHO PENASQUITOS | 5 | 32,786 |
| RANCHO PENASQUITOS | 6 | 10,232 |
| RESERVE | 2 | 109 |
| RESERVE | 1 | 43 |
| RESERVE | 5 | 0 |
| SABRE SPRINGS | 5 | 10,786 |

| | | |
|---|---|---|
| SAN PASQUAL | 5 | 212 |
| SAN YSIDRO | 8 | 28,444 |
| SCRIPPS MIRAMAR RANCH | 5 | 21,002 |
| SERRA MESA | 7 | 18,376 |
| SKYLINE-PARADISE HILLS | 4 | 67,611 |
| SOUTHEASTERN SAN DIEGO | 8 | 33,770 |
| SOUTHEASTERN SAN DIEGO | 4 | 20,510 |
| TIERRASANTA | 7 | 30,629 |
| TIJUANA RIVER VALLEY | 8 | 1,077 |
| TORREY HIGHLANDS | 6 | 8,678 |
| TORREY HILLS | 1 | 6,916 |
| TORREY PINES | 1 | 6,819 |
| UNIVERSITY | 1 | 51,809 |
| UNIVERSITY | 6 | 17,477 |
| UPTOWN | 3 | 39,026 |
| VIA DE LA VALLE | 1 | 459 |
| | 9 | 17 |
| | 2 | 0 |

| split_across_num_districts | number of NEIGHBORHOODs |
|---|---|
| 1 | 101 |
| 2 | 20 |
| 3 | 4 |
| 7 | 1 |

| NEIGHBORHOOD | DISTRICT | Total_Population | NEIGHBORHOOD | districts | DISTRICT | NEIGHBORHOOD_count |
|---|---|---|---|---|---|---|
| ADAMS NORTH | 9 | 5,115 | | 7 | 1 | 14 |
| ALLIED GARDENS | 7 | 12,020 | AZALEA/HOLLYWOOD PARK | 2 | 2 | 16 |
| ALTA VISTA | 4 | 2,519 | BAY HO | 2 | 3 | 30 |
| AZALEA/HOLLYWOOD PARK | 9 | 3,682 | CARMEL VALLEY | 2 | 4 | 16 |
| AZALEA/HOLLYWOOD PARK | 3 | 0 | CASTLE | 2 | 5 | 13 |
| BALBOA PARK | 3 | 617 | CHEROKEE POINT | 2 | 6 | 13 |
| BARRIO LOGAN | 8 | 11,328 | CLAIREMONT MESA EAST | 2 | 7 | 13 |
| BAY HO | 2 | 12,244 | GRANT HILL | 2 | 8 | 17 |
| BAY HO | 1 | 0 | GRANTVILLE | 2 | 9 | 28 |
| BAY PARK | 2 | 16,957 | KEARNY MESA | 3 | | |
| BAY TERRACES | 4 | 31,386 | LAKE MURRAY | 2 | | |
| BIRDLAND | 7 | 4,737 | MIDWAY DISTRICT | 2 | | |
| BLACK MOUNTAIN RANCH | 5 | 17,392 | MISSION VALLEY EAST | 3 | | |
| BORDER | 8 | 154 | NORTH CLAIREMONT | 3 | | |
| BROADWAY HEIGHTS | 4 | 596 | NORTH PARK | 2 | | |
| BURLINGAME | 3 | 705 | PACIFIC BEACH | 2 | | |
| CARMEL MOUNTAIN | 5 | 11,207 | RANCHO PENASQUITOS | 3 | | |
| CARMEL VALLEY | 1 | 52,114 | SCRIPPS RANCH | 2 | | |
| CARMEL VALLEY | 6 | 0 | SERRA MESA | 2 | | |
| CASTLE | 9 | 9,370 | SHERMAN HEIGHTS | 2 | | |
| CASTLE | 3 | 0 | SORRENTO VALLEY | 2 | | |
| CHEROKEE POINT | 9 | 4,672 | STOCKTON | 2 | | |
| CHEROKEE POINT | 3 | 0 | TIERRASANTA | 2 | | |
| CHOLLAS CREEK | 9 | 4,233 | TORREY HIGHLANDS | 2 | | |
| CHOLLAS VIEW | 4 | 4,523 | UNIVERSITY CITY | 2 | | |
| CLAIREMONT MESA EAST | 6 | 25,379 | | | | |

| | | |
|---|---|---|
| CLAIREMONT MESA EAST | 7 | 487 |
| CLAIREMONT MESA WEST | 2 | 10,273 |
| COLINA DEL SOL | 9 | 10,321 |
| COLLEGE EAST | 9 | 9,945 |
| COLLEGE WEST | 9 | 11,830 |
| CORE-COLUMBIA | 3 | 9,035 |
| CORRIDOR | 9 | 7,607 |
| CORTEZ | 3 | 3,943 |
| DEL CERRO | 7 | 7,576 |
| DEL MAR HEIGHTS | 1 | 6,736 |
| EAST VILLAGE | 3 | 16,088 |
| EGGER HIGHLANDS | 8 | 9,564 |
| EL CERRITO | 9 | 5,984 |
| EMERALD HILLS | 4 | 4,395 |
| ENCANTO | 4 | 9,520 |
| FAIRMOUNT PARK | 9 | 2,855 |
| FAIRMOUNT VILLAGE | 9 | 5,361 |
| FOX CANYON | 9 | 2,165 |
| GASLAMP | 3 | 863 |
| GOLDEN HILL | 3 | 9,081 |
| GRANT HILL | 8 | 3,939 |
| GRANT HILL | 3 | 0 |
| GRANTVILLE | 7 | 5,806 |
| GRANTVILLE | 9 | 4,876 |
| HARBORVIEW | 3 | 1,348 |
| HILLCREST | 3 | 14,961 |
| HORTON PLAZA | 3 | 641 |
| ISLENAIR | 9 | 1,074 |
| JAMACHA LOMITA | 4 | 10,198 |
| KEARNY MESA | 7 | 4,117 |
| KEARNY MESA | 6 | 1,371 |
| KEARNY MESA | 5 | 0 |

| | | |
|---|---|---|
| KENSINGTON | 9 | 5,963 |
| LA JOLLA | 1 | 35,926 |
| LA PLAYA | 2 | 2,367 |
| LAKE MURRAY | 7 | 17,388 |
| LAKE MURRAY | 5 | 0 |
| LINCOLN PARK | 4 | 9,484 |
| LINDA VISTA | 7 | 24,263 |
| LITTLE ITALY | 3 | 4,108 |
| LOGAN HEIGHTS | 8 | 13,725 |
| LOMA PORTAL | 2 | 5,996 |
| MARINA | 3 | 7,190 |
| MIDTOWN | 3 | 4,568 |
| MIDWAY DISTRICT | 2 | 7,799 |
| MIDWAY DISTRICT | 3 | 0 |
| MIRA MESA | 6 | 73,843 |
| MIRAMAR | 6 | 8,346 |
| MIRAMAR RANCH NORTH | 5 | 12,738 |
| MISSION BAY | 2 | 582 |
| MISSION BEACH | 2 | 3,460 |
| MISSION HILLS | 3 | 6,548 |
| MISSION VALLEY EAST | 3 | 6,375 |
| MISSION VALLEY EAST | 7 | 3,484 |
| MISSION VALLEY EAST | 9 | 1,738 |
| MISSION VALLEY WEST | 3 | 2,605 |
| MORENA | 7 | 10,897 |
| MOUNTAIN VIEW | 4 | 15,326 |
| MT HOPE | 4 | 5,184 |
| NESTOR | 8 | 16,636 |
| NORMAL HEIGHTS | 9 | 10,246 |
| NORTH CITY | 1 | 8,471 |
| NORTH CLAIREMONT | 2 | 9,251 |
| NORTH CLAIREMONT | 6 | 5,664 |

| | | |
|---|---|---|
| NORTH CLAIREMONT | 1 | 0 |
| NORTH PARK | 3 | 38,693 |
| NORTH PARK | 9 | 0 |
| O'FARRELL | 4 | 6,848 |
| OAK PARK | 4 | 14,742 |
| OCEAN BEACH | 2 | 12,289 |
| OCEAN CREST | 8 | 16,580 |
| OLD TOWN | 3 | 1,127 |
| OTAY MESA | 8 | 2,914 |
| OTAY MESA WEST | 8 | 30,112 |
| PACIFIC BEACH | 2 | 40,304 |
| PACIFIC BEACH | 1 | 313 |
| PALM CITY | 8 | 5,316 |
| PARADISE HILLS | 4 | 17,263 |
| PARK WEST | 3 | 8,751 |
| PETCO PARK | 3 | 885 |
| POINT LOMA HEIGHTS | 2 | 20,238 |
| QUALCOMM | 9 | 1,108 |
| RANCHO BERNARDO | 5 | 42,925 |
| RANCHO ENCANTADA | 5 | 3,404 |
| RANCHO PENASQUITOS | 5 | 31,189 |
| RANCHO PENASQUITOS | 6 | 13,241 |
| RANCHO PENASQUITOS | 1 | 0 |
| REDWOOD VILLAGE | 9 | 4,868 |
| RIDGEVIEW/WEBSTER | 4 | 5,711 |
| ROLANDO | 9 | 10,040 |
| ROLANDO PARK | 9 | 3,841 |
| ROSEVILLE / FLEET RIDGE | 2 | 5,884 |
| SABRE SPRINGS | 5 | 10,786 |
| SAN CARLOS | 7 | 13,494 |
| SAN PASQUAL | 5 | 189 |
| SAN YSIDRO | 8 | 28,290 |

| | | |
|---|---|---|
| SCRIPPS RANCH | 5 | 20,293 |
| SCRIPPS RANCH | 6 | 0 |
| SERRA MESA | 7 | 25,640 |
| SERRA MESA | 6 | 0 |
| SHELLTOWN | 8 | 3,913 |
| SHERMAN HEIGHTS | 8 | 2,787 |
| SHERMAN HEIGHTS | 3 | 0 |
| SKYLINE | 4 | 8,764 |
| SORRENTO VALLEY | 6 | 3,796 |
| SORRENTO VALLEY | 1 | 74 |
| SOUTH PARK | 3 | 5,391 |
| SOUTHCREST | 8 | 6,084 |
| STOCKTON | 8 | 3,322 |
| STOCKTON | 3 | 0 |
| SUNSET CLIFFS | 2 | 3,531 |
| SWAN CANYON | 9 | 4,143 |
| TALMADGE | 9 | 9,443 |
| TERALTA EAST | 9 | 6,259 |
| TERALTA WEST | 9 | 4,957 |
| TIERRASANTA | 7 | 27,831 |
| TIERRASANTA | 5 | 98 |
| TIJUANA RIVER VALLEY | 8 | 733 |
| TORREY HIGHLANDS | 6 | 6,028 |
| TORREY HIGHLANDS | 1 | 0 |
| TORREY PINES | 1 | 11,084 |
| TORREY PRESERVE | 1 | 12 |
| UNIVERSITY CITY | 1 | 34,859 |
| UNIVERSITY CITY | 6 | 17,435 |
| UNIVERSITY HEIGHTS | 3 | 12,276 |
| VALENCIA PARK | 4 | 10,739 |
| WOODED AREA | 2 | 3,703 |
| | 2 | 2,261 |

| 9 | 17 |
|---|---|
| 1 | 0 |
| 3 | 0 |
| 5 | 0 |
| 6 | 0 |
| 8 | 0 |