

QUIETER HOME PROGRAM



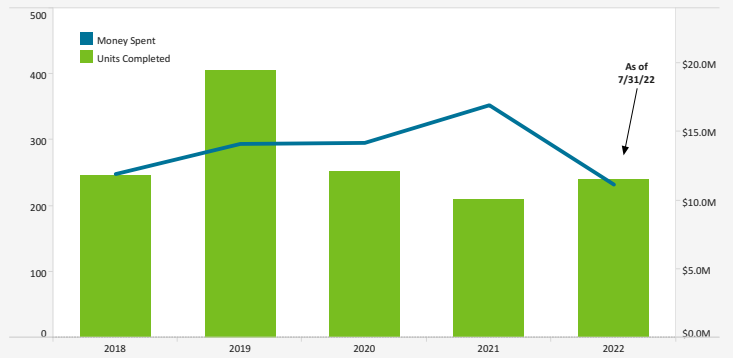
Quieter Home Program As Of: 7/31/2022

| Status of Homes | |
|--|---------|
| Added this month | 3 |
| Homes Completed this month | 27 |
| Estimated Homes to Complete in CY 2022 | 400 |
| Homes on Wait List | 600 |
| Total Homes Completed | 4,892 |
| Amount Spent on Multi-Family Units (USD) | 454,670 |

| Project | Estimated Construction Start | # Homes |
|-------------|------------------------------|---------|
| 11.4 (QNRP) | Fall 2022 | 1 |
| 11.5 | In Process | 34 |
| 11.6 | In Process | 119 |
| 11.7 | Summer 2022 | 53 |
| 11.8 | Fall 2022 | 112 |
| 11.9 | Fall 2022 | 32 |
| 11.10 | Winter 2023 | 142 |
| 11.11 | Winter 2023 | 48 |
| 11.12 | Fall 2022 | 52 |
| 12.1 | Spring 2023 | 34 |
| 12.2 | Summer 2023 | 35 |
| 12.3 | Summer 2023 | 44 |
| 12.4 (QNRP) | Fall 2023 | 3 |
| 12.5 (QNRP) | Winter 2024 | 3 |
| 12.6 | Fall 2023 | 63 |
| 12.7 | Spring 2024 | 42 |
| 12.8 | Spring 2024 | 28 |
| 12.9 | Spring 2024 | 52 |

QNRP: Quieter Non-Residential Pr..

From 2001 – 2009, \$89.8 Million Was Spent To Complete 1,356 Homes



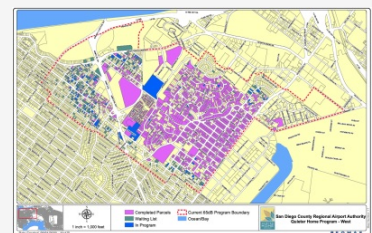
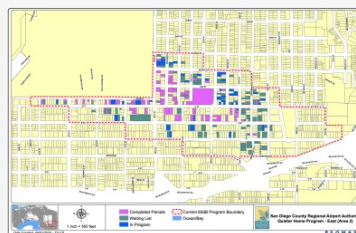
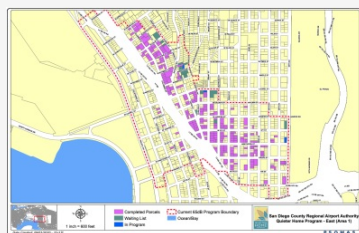
Post – Construction Homeowner Survey Results

| Overall Experience | Excellent | Satisfied | Unsatisfied |
|--------------------|-----------|-----------|-------------|
| | 76% | 22% | 3% |

Effectiveness

| Question1 | Answer1 | Percentage |
|------------------------------|-------------------------|------------|
| Effectiveness of Doors | Significant Improvement | 82% |
| | Slight Improvement | 13% |
| | No Improvement | 4% |
| | Not Installed | 2% |
| Effectiveness of Ventilation | Significant Improvement | 71% |
| | Slight Improvement | 11% |
| | No Improvement | 8% |
| | Not Installed | 10% |
| Effectiveness of Windows | Significant Improvement | 87% |
| | Slight Improvement | 11% |
| | No Improvement | 2% |
| | Not Installed | 0% |

Program Boundary Maps



Data Disclaimer: We do our best to ensure that the data we release is complete, accurate and useful. However, because we do not create the data, and because the processing required to make the data useful is complex, we are not liable for omissions, inaccuracies or changes in the data.

CURFEW VIOLATIONS



Noise Curfew Violations: Any aircraft that departs after 11:30 p.m. and before 6:30 a.m. is subject to a penalty.

Curfew Violations (June - July 2022)

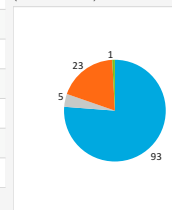
| Date, Time | Airline | Aircraft Type | Status |
|---------------------|--------------------------------|---------------|------------------|
| 6/6/2022, 11:30 PM | FedEx | A306 | Not Fined |
| 6/6/2022, 11:49 PM | Alaska Airlines | B738 | FINED - \$40,000 |
| 6/9/2022, 11:30 PM | SkyWest Airlines | E170 | FINED - \$40,000 |
| 6/17/2022, 12:04 AM | Delta Air Lines | B738 | FINED - \$6,000 |
| 6/18/2022, 12:18 AM | Delta Air Lines | B739 | FINED - \$10,000 |
| 6/20/2022, 11:30 PM | Southwest Airlines | B737 | FINED - \$2,000 |
| 6/20/2022, 11:36 PM | Southwest Airlines | B737 | FINED - \$6,000 |
| 6/22/2022, 11:31 PM | Alaska Airlines | B739 | Not Fined |
| 6/24/2022, 11:58 PM | American Airlines | A321 | FINED - \$2,000 |
| 6/27/2022, 11:43 PM | Jet Aviation Business Jets LTD | GLF6 | FINED - \$2,000 |
| 7/7/2022, 11:30 PM | SkyWest Airlines | E170 | Pending Review |
| 7/8/2022, 11:51 PM | Delta Air Lines | B739 | Pending Review |
| 7/11/2022, 11:43 PM | Alaska Airlines | B739 | Pending Review |
| 7/14/2022, 12:05 AM | Delta Air Lines | A321 | Pending Review |
| 7/15/2022, 11:43 PM | Alaska Airlines | B739 | Pending Review |
| 7/15/2022, 12:23 AM | Allegiant Air | A320 | Pending Review |
| 7/22/2022, 12:32 AM | jetBlue Airways | A320 | Pending Review |

Annual Violations and Penalties Assessed (Year-to-Date)

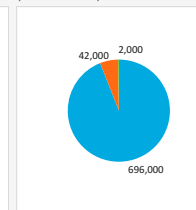
| Year | Total Violations | Fines Assessed |
|------|------------------|----------------|
| 2018 | 60 | \$254,000 |
| 2019 | 46 | \$132,000 |
| 2020 | 18 | \$16,000 |
| 2021 | 52 | \$204,000 |
| 2022 | 52 | \$520,000 |

Airline Category
 A - Air
 C - Cargo
 G - G/A
 M - Mil

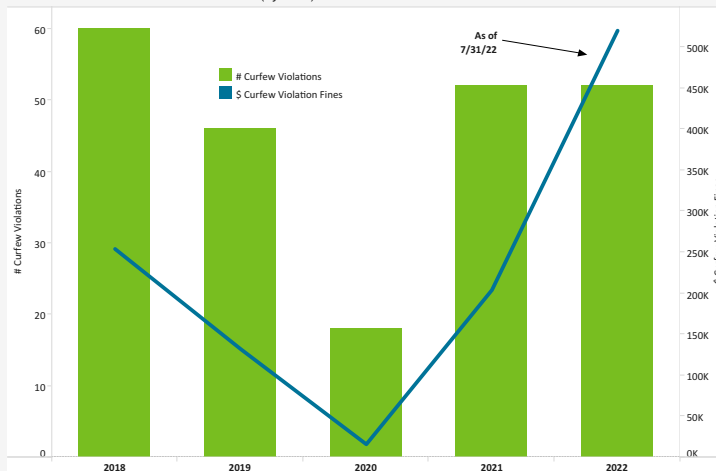
Violations by Airline Category (2020 - Present)



Fines Assessed by Airline Category (2020 - Present)



Curfew Violations and Penalties Assessed (by Year)



| Airline Category | # Curfew Violations | \$ Curfew Violation Fines |
|------------------|---------------------|---------------------------|
| A - Air | 93 | \$696,000 |
| C - Cargo | 5 | \$0 |
| G - G/A | 23 | \$42,000 |
| M - Mil | 1 | \$2,000 |

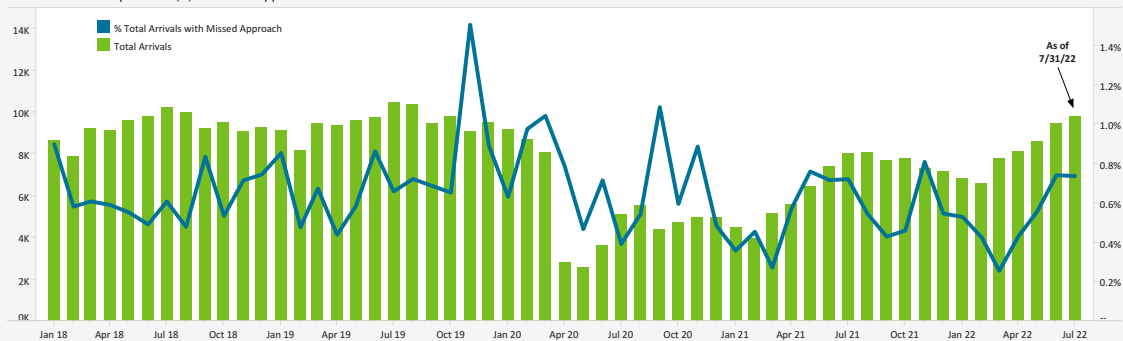
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MISSED APPROACH STATISTICS



Missed Approaches: A procedure to maintain safety, initiated by the pilot or Air Traffic Control (ATC) for a pilot to abandon the approach to landing.

Total Arrivals Compared to (%) of Missed Approaches

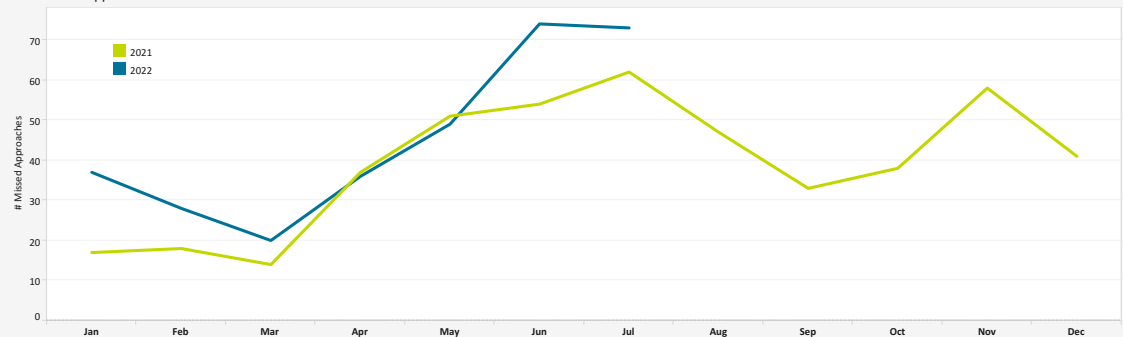


| | 2018 | 2019 | 2020 | 2021 | 2022 |
|---------------------------------------|---------|---------|--------|--------|--------|
| % Total Arrivals with Missed Approach | 0.6% | 0.8% | 0.7% | 0.6% | 0.5% |
| Total Arrivals | 111,618 | 114,193 | 64,576 | 79,016 | 57,149 |
| Total Missed Approaches | 721 | 895 | 508 | 470 | 317 |

Missed Approach Location Statistics

| | May | | Jun | | Jul | | | May | Jun | Jul |
|-------------------------------------|-----|-------|-----|-------|-----|-------|--------------------------------------|-----|-----|-----|
| | Day | Night | Day | Night | Day | Night | | | | |
| Between Noise Dot #1 - Noise Dot #2 | 1 | 0 | 3 | 1 | 0 | 1 | Between 265°-295° Heading (Standard) | 36 | 38 | 47 |
| Between Noise Dot #2 - JETTI | 20 | 2 | 23 | 3 | 25 | 4 | East of Airport | 2 | 17 | 6 |
| Between JETTI - Noise Dot #3 | 12 | 1 | 6 | 2 | 16 | 1 | Left of 265° | 6 | 12 | 13 |
| Between Noise Dot #3 - Noise Dot #4 | 3 | 0 | 10 | 0 | 9 | 2 | Right of 295° | 5 | 7 | 5 |
| Between Noise Dot #4 - Noise Dot #5 | 3 | 0 | 2 | 0 | 1 | 0 | | | | |

Total Missed Approaches



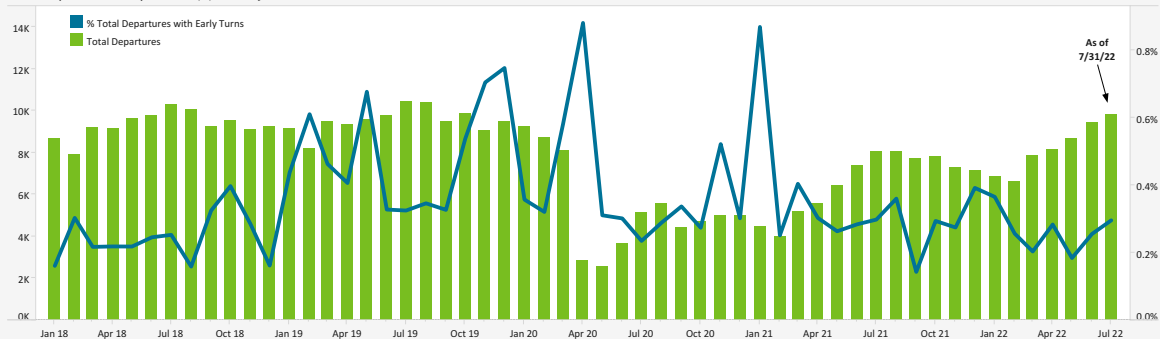
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EARLY TURN STATISTICS



The Airport Authority has defined early turns as those aircraft that turn right prior to FAA Noise Dot #1 at the 295-degree heading or turn left prior to the FAA Noise Dot #3 at the 265-degree heading.

Total Departures Compared to (%) of Early Turns



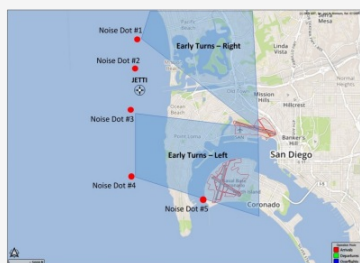
| | 2018 | 2019 | 2020 | 2021 | 2022 |
|-------------------|------|------|------|------|------|
| Total Early Turns | 395 | 741 | 321 | 329 | 216 |

Departure Statistics

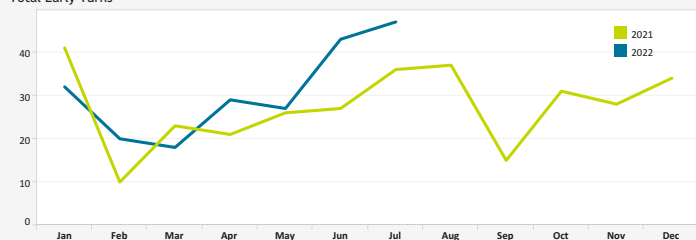
| | May | Jun | Jul |
|---|-------|-------|-------|
| Jets Turning Left | 4,075 | 4,251 | 4,454 |
| Between Z2000 and Noise Dots | 454 | 475 | 571 |
| Compliant with Nighttime departure Heading (290°) | 401 | 440 | 530 |
| Not Nighttime Compliant - Over La Jolla | 19 | 31 | 25 |
| Not Nighttime Compliant - Straight Out | 6 | 5 | 8 |
| Not Nighttime Compliant - East | 0 | 0 | 0 |

Cause of Early Turns

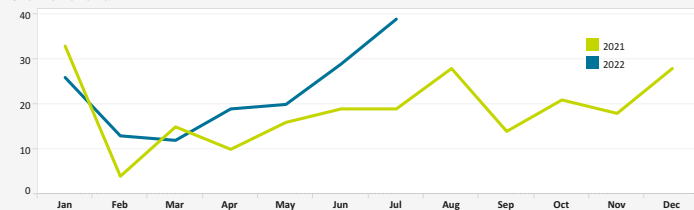
| | May | Jun | Jul |
|---------------------------|-----|-----|-----|
| Caused by ATC Vectors | 23 | 41 | 46 |
| Caused by Pilot Deviation | 4 | 1 | 1 |
| Caused by Weather | 0 | 0 | 0 |



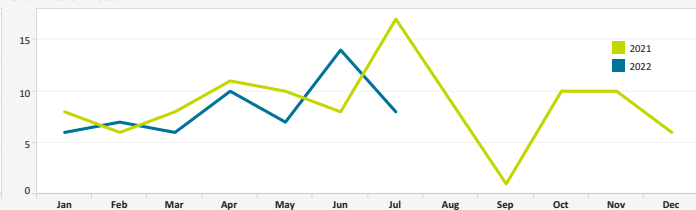
Total Early Turns



Over Point Loma



Over Mission Beach



Early Turns by Operator (July 2022)

| Airline | Left Early Turns | Total Operator Departures | % Departures with Left Early Turns |
|--------------------|------------------|---------------------------|------------------------------------|
| Southwest Airlines | 7 | 6,728 | 0.1% |
| SkyWest Airlines | 3 | 2,027 | 0.1% |
| United Airlines | 6 | 1,746 | 0.3% |
| Delta Air Lines | 4 | 1,534 | 0.3% |
| Alaska Airlines | 2 | 1,514 | 0.1% |
| American Airlines | 4 | 1,321 | 0.3% |
| General Aviation | 4 | 789 | 0.5% |
| Spirit Airlines | 1 | 434 | 0.2% |
| jetBlue Airways | 1 | 336 | 0.3% |
| Frontier Airlines | 2 | 324 | 0.6% |
| UPS Airlines | 1 | 62 | 1.6% |
| WestJet | 1 | 60 | 1.7% |
| British Airways | 1 | 54 | 1.9% |
| Lufthansa | 1 | 42 | 2.4% |
| SALE REPORTED | 1 | 6 | 16.7% |

Early Turn by Operator (July 2022)

| Airline | Right Early Turns | Total Operator Departures | % Departures with Right Early Turns |
|-----------------------|-------------------|---------------------------|-------------------------------------|
| Southwest Airlines | 2 | 6,728 | 0.0% |
| SkyWest Airlines | 1 | 2,027 | 0.0% |
| Delta Air Lines | 1 | 1,534 | 0.1% |
| NetJets | 1 | 358 | 0.3% |
| jetBlue Airways | 1 | 336 | 0.3% |
| Chrysler Aviation Inc | 1 | 12 | 8.3% |
| Reno Flying Service | 1 | 2 | 50.0% |

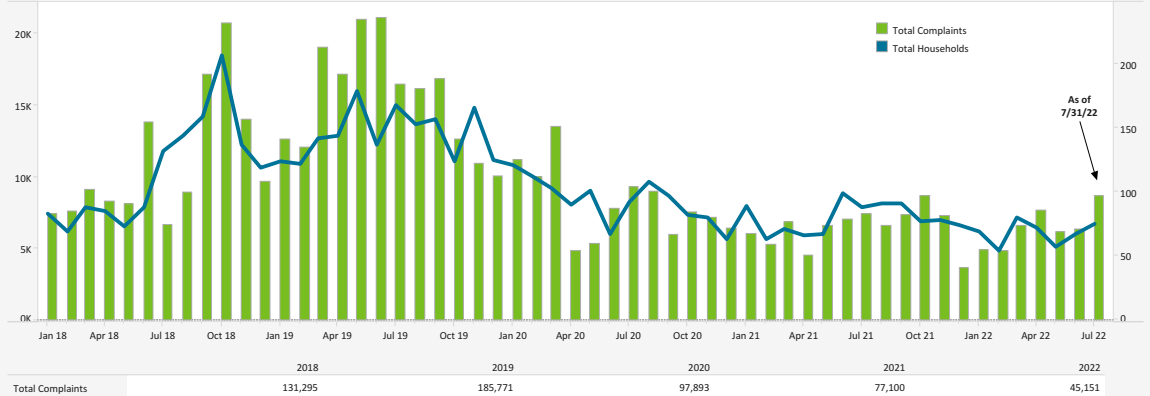
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NOISE COMPLAINT STATISTICS

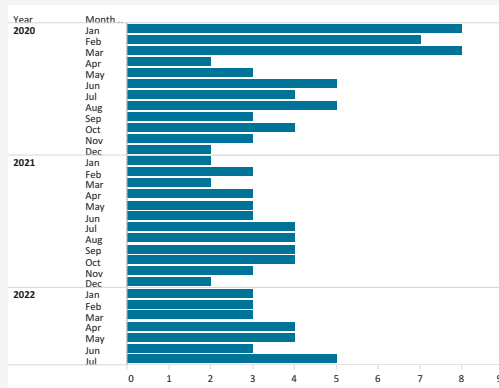


The Authority reports all complaints.

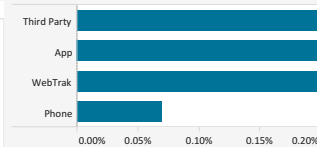
Total Complaints Compared to Total Households



Number of Households with 500+ Complaints per Month



Complaints by Contact Method



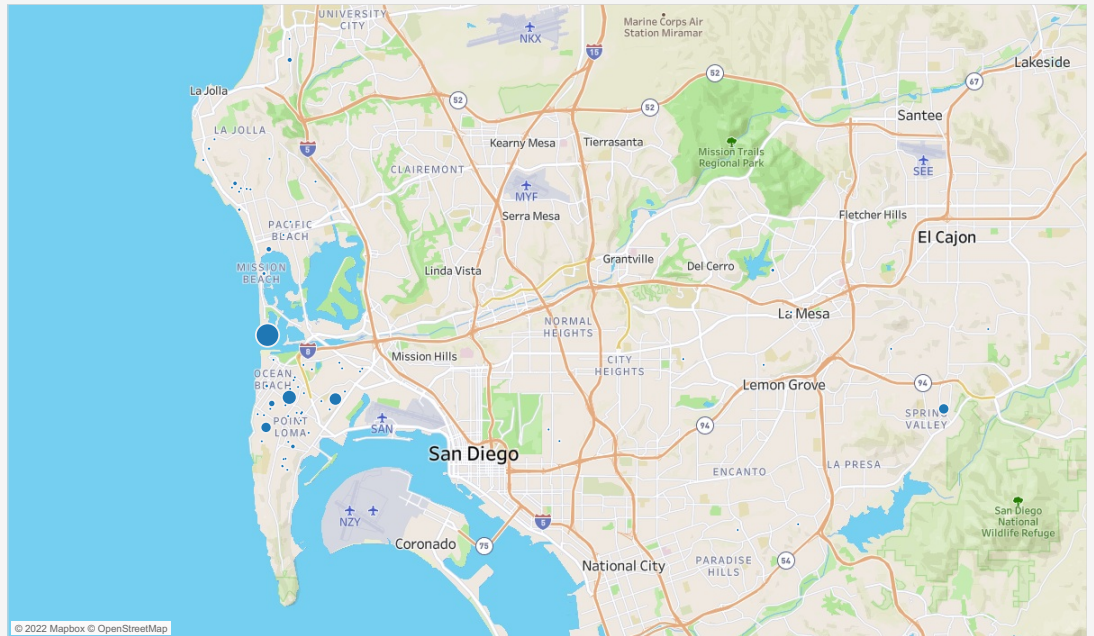
Disturbance Type

| Disturbance Type | # Complaints | % Total |
|----------------------|--------------|---------|
| Too Loud | 8,544 | 98.4% |
| Overflight | 64 | 0.7% |
| Suspected Off Course | 37 | 0.4% |
| Curfew Violation | 24 | 0.3% |
| Other | 11 | 0.1% |
| Fixed Wing | 2 | 0.0% |
| Off Course | 2 | 0.0% |

Number of Complaints by Neighborhood (July 2022)

| Neighborhood | Total Complaints | Total Households |
|-------------------------|------------------|------------------|
| Grand Total | 8,684 | 75 |
| Mission Beach | 3,910 | 4 |
| Point Loma Heights | 1,611 | 17 |
| Loma Portal | 971 | 4 |
| Sunset Cliffs | 744 | 5 |
| Spring Valley | 640 | 1 |
| Pacific Beach | 157 | 4 |
| Bird Rock | 141 | 4 |
| La Jolla Heights | 118 | 2 |
| Roseville-Fleet Ridge | 97 | 5 |
| La Mesa | 63 | 3 |
| Ocean Beach | 49 | 3 |
| Beach Barber Tract | 47 | 2 |
| La Jolla Mesa | 30 | 2 |
| El Cerrito | 25 | 1 |
| Muirlands | 17 | 1 |
| Del Mar | 15 | 1 |
| Wooded Area | 10 | 4 |
| Del Mar Heights | 8 | 1 |
| Casa De Oro-Mount Helix | 7 | 2 |
| Lower Hermosa | 7 | 1 |
| La Playa | 6 | 1 |
| Bay Terraces | 4 | 2 |
| La Jolla Alta | 2 | 1 |
| Loma Heights | 2 | 1 |
| South Park | 2 | 2 |
| Midway District | 1 | 1 |

Location of Complaints



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