

QUIETER HOME PROGRAM

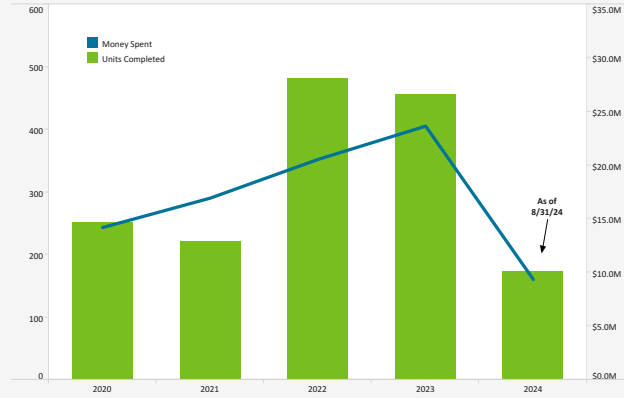
Quieter Home Program As Of: 8/31/2024

Status of Homes	
Homes Completed this Month	19
Added this Month	27
Estimated Homes to Complete in CY 2024	300
Homes on Wait List	461
Total Homes Completed	5,775
Amount Spent on Multi-Family Units (USD) this Month	32,502

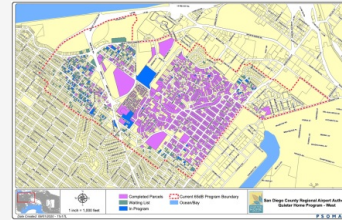
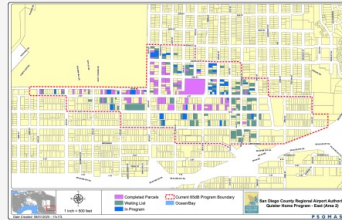
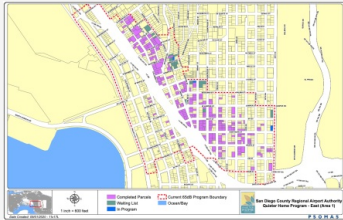
Project	Estimated Construction Start	# Homes
12.5 (QNRP)	HOLD for PA	3
13.1	Summer 2024	30
13.2	Fall 2024	26
13.3	Fall 2024	25
13.4	Fall 2024	23
13.5	Winter 2024	36
13.6	Winter 2025	33
13.7	Winter 2025	27
13.8	Spring 2025	26
13.9	Spring 2025	30
13.10	Summer 2025	22
13.11	Summer 2025	41
13.12	Winter 2025	28
14.1	Spring 2026	25

QNRP: Quieter Non-Residential Program

From 2001 – 2009, \$89.8 Million Was Spent To Complete 1,334 Homes



Program Boundary Maps



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CURFEW VIOLATIONS

Curfew Violations (July - August 2024)

Date, Time	Airline	Aircraft Type	Status
7/8/2024, 11:56 PM	Air Canada	BCS3	Pending Review
7/8/2024, 12:42 AM	Clay Lacy Aviation	GLF5	Pending Review
7/10/2024, 11:50 PM	Delta Air Lines	A21N	Pending Review
7/10/2024, 12:08 AM	jetBlue Airways	A320	Pending Review
7/12/2024, 11:45 PM	Spirit Airlines	A20N	Pending Review
7/12/2024, 12:39 AM	Delta Air Lines	A21N	Pending Review
7/14/2024, 11:39 PM	Delta Air Lines	A321	Pending Review
7/16/2024, 11:31 PM	Delta Air Lines	A21N	Pending Review
7/16/2024, 12:47 AM	BestFly	GLF V	Pending Review
7/17/2024, 11:34 PM	United Airlines	B738	Pending Review
7/18/2024, 11:37 PM	Alaska Airlines	B39M	Pending Review
7/19/2024, 11:59 PM	Delta Air Lines	A321	Pending Review
7/20/2024, 12:14 AM	Delta Air Lines	A21N	Pending Review
7/20/2024, 12:36 AM	Delta Air Lines	A321	Pending Review
7/21/2024, 12:29 AM	United Airlines	B38M	Pending Review
7/22/2024, 12:20 AM	Delta Air Lines	B738	Pending Review
7/23/2024, 01:16 AM	Delta Air Lines	A321	Pending Review
7/23/2024, 11:33 PM	United Airlines	B738	Pending Review
7/23/2024, 11:47 PM	Delta Air Lines	A21N	Pending Review
7/23/2024, 12:10 AM	Alaska Airlines	B39M	Pending Review
7/23/2024, 12:46 AM	Delta Air Lines	A321	Pending Review
7/29/2024, 12:09 AM	Delta Air Lines	A21N	Pending Review
7/30/2024, 12:07 AM	American Airlines	A321	Pending Review
7/31/2024, 11:32 PM	American Airlines	B738	Pending Review
8/1/2024, 01:39 AM	Air Canada	BCS3	Pending Review
8/3/2024, 11:39 PM	Alaska Airlines	B39M	Pending Review
8/3/2024, 12:06 AM	jetBlue Airways	A321	Pending Review
8/4/2024, 11:52 PM	Delta Air Lines	A321	Pending Review
8/5/2024, 12:04 AM	Delta Air Lines	A21N	Pending Review
8/8/2024, 11:30 PM	Delta Air Lines	A21N	Pending Review
8/11/2024, 11:43 PM	Spirit Airlines	A320	Pending Review
8/13/2024, 03:28 AM	Waste Connections US Inc.	F900	Pending Review
8/18/2024, 11:31 PM	United Airlines	B39M	Pending Review
8/18/2024, 11:46 PM	United Airlines	B738	Pending Review
8/23/2024, 11:39 PM	American Airlines	A21N	Pending Review
8/29/2024, 11:30 PM	American Airlines	A321	Pending Review

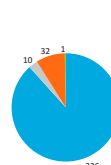
Noise Curfew Violations: Any aircraft that departs after 11:30 p.m. and before 6:30 a.m. is subject to a penalty.

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

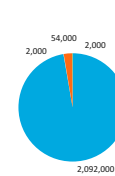
Year	Total Violations	Fines Assessed
2020	18	\$16,000
2021	52	\$204,000
2022	89	\$804,000
2023	141	\$1,004,000
2024	71	\$124,000

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

Violations by Airline Category (2020 - Present)

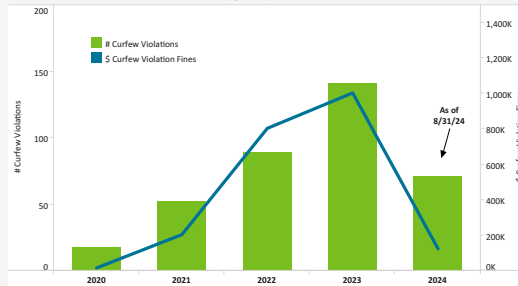


Fines Assessed by Airline Category (2020 - Present)



Airline Category	# Curfew Violations	\$ Curfew Violation Fines
A - Air	326	\$2,092,000
C - Cargo	10	\$2,000
G - G/A	32	\$54,000
M - Mil	1	\$2,000

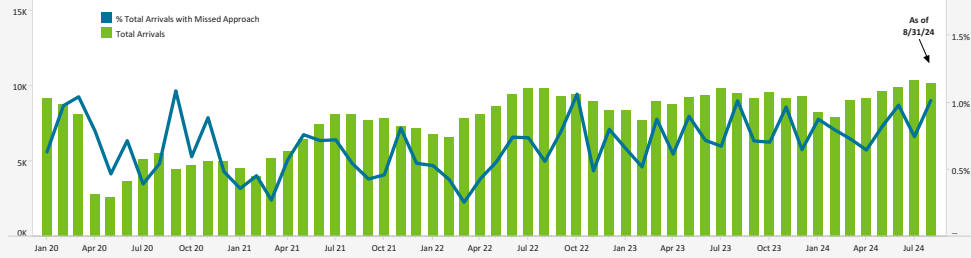
Curfew Violations and Penalties Assessed (by Year)



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MISSED APPROACH STATISTICS

Total Arrivals Compared to (%) of Missed Approaches



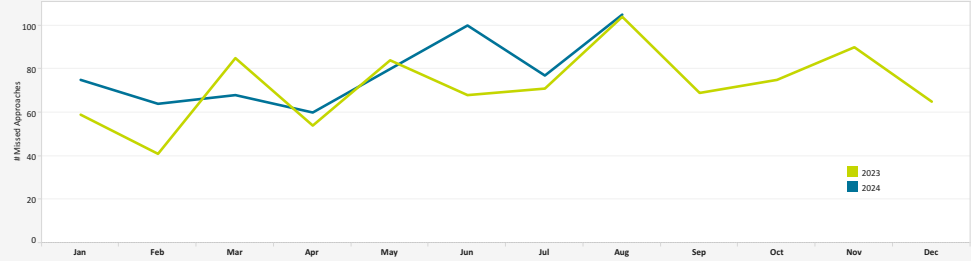
Missed Approaches: A procedure to maintain safety, initiated by the pilot or Air Traffic Control (ATC) for a pilot to abandon the approach to landing.

	2020	2021	2022	2023	2024
% Total Arrivals with Missed Approach	0.7%	0.6%	0.6%	0.8%	0.8%
Total Arrivals	64,576	79,016	102,974	108,560	74,282
Total Missed Approaches	508	470	668	865	629

Missed Approach Location Statistics

	Jun		Jul		Aug			Jun	Jul	Aug
	Day	Night	Day	Night	Day	Night				
Between Noise Dot #1 - Noise Dot #2	1	2	1	4	2	3	Between 265°-295° Heading (Standard)	61	48	67
Between Noise Dot #2 - JETTI	29	2	17	2	27	7	East of Airport	6	6	13
Between JETTI - Noise Dot #3	26	1	21	3	27	1	Left of 265°	24	18	21
Between Noise Dot #3 - Noise Dot #4	19	0	14	2	14	4	Right of 295°	9	5	3
Between Noise Dot #4 - Noise Dot #5	4	0	2	0	2	1				

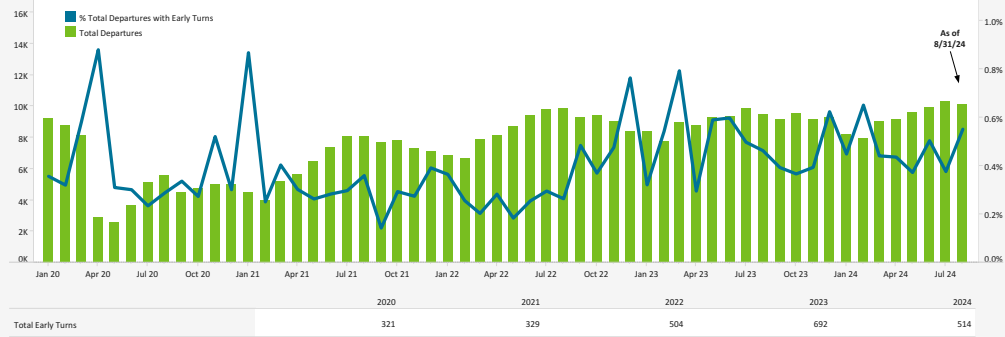
Total Missed Approaches



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EARLY TURN STATISTICS

Total Departures Compared to (%) of Early Turns



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.

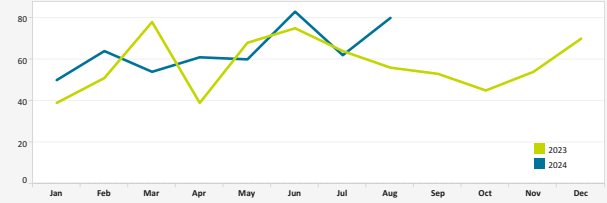
Departure Statistics

	Jun	Jul	Aug
Jets Turning Left	5,196	5,368	5,183
Between Z2000 and Noise Dots	733	756	902
Compliant with Nighttime departure Heading (290°)	574	609	481
Not Nighttime Compliant - Over La Jolla	28	55	56
Not Nighttime Compliant - Straight Out	5	2	5
Not Nighttime Compliant - East	0	0	0

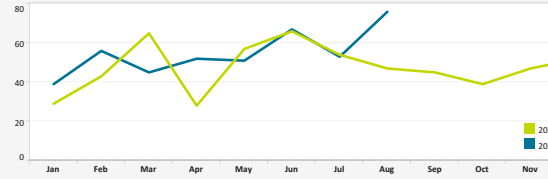
Cause of Early Turns

	Jun	Jul	Aug
Caused by ATC Vectors	77	59	69
Caused by Pilot Deviation	2	3	3
Caused by Weather	3	0	8

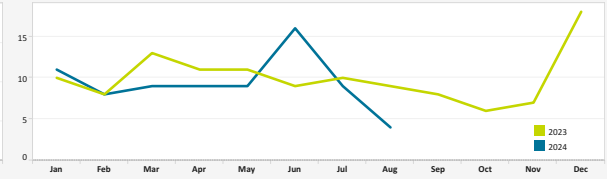
Total Early Turns



Over Point Loma



Over Mission Beach



Early Turns by Operator (August 2024)

Airline	Left Early Turns	Total Operator Departures	% Departures with Left Early Turns
Southwest Airlines	18	6,027	0.3%
SkyWest Airlines	3	2,175	0.1%
Alaska Airlines	5	2,018	0.2%
United Airlines	8	1,795	0.4%
Delta Air Lines	14	1,697	0.8%
American Airlines	7	1,586	0.4%
Spirit Airlines	1	704	0.1%
General Aviation	8	671	1.2%
Frontier Airlines	4	664	0.6%
NetJets	1	427	0.2%
Air Canada	1	166	0.6%
British Airways	1	110	0.9%
TEKTRON AVIATION INC	2	20	10.0%
LIVE MAS ENTERPRISES LLC	1	4	25.0%
PREFERRED AVIATION LLC	1	2	50.0%
OPHICAL LLC	1	2	50.0%

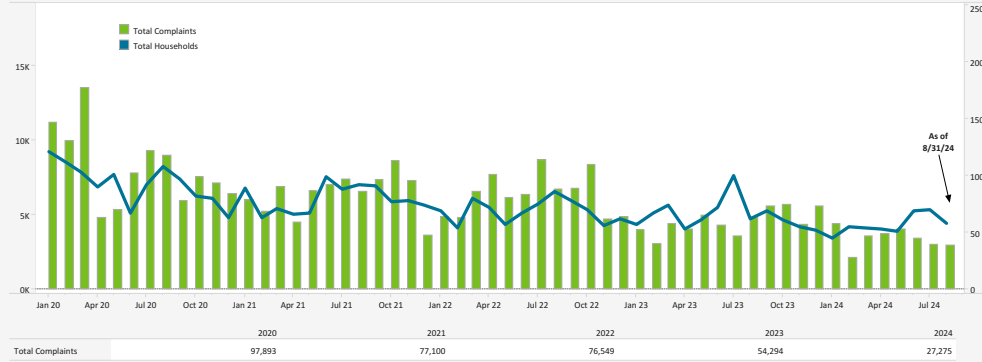
Early Turns by Operator (August 2024)

Airline	Right Early Turns	Total Operator Departures	% Departures with Right Early Turns
Southwest Airlines	1	6,027	0.0%
Delta Air Lines	1	1,697	0.1%
American Airlines	1	1,586	0.1%
NetJets	1	427	0.2%

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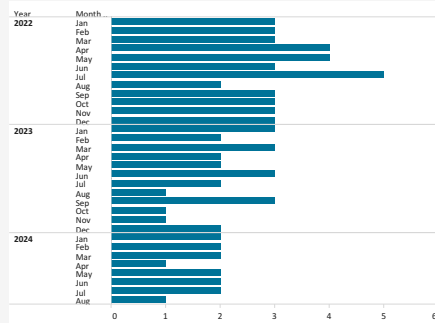
NOISE COMPLAINT STATISTICS

Total Complaints Compared to Total Households

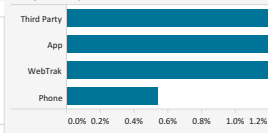


The Authority reports all complaints.

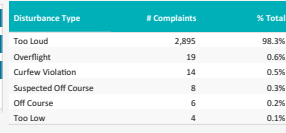
Number of Households with 500+ Complaints per Month



Complaints by Contact Method



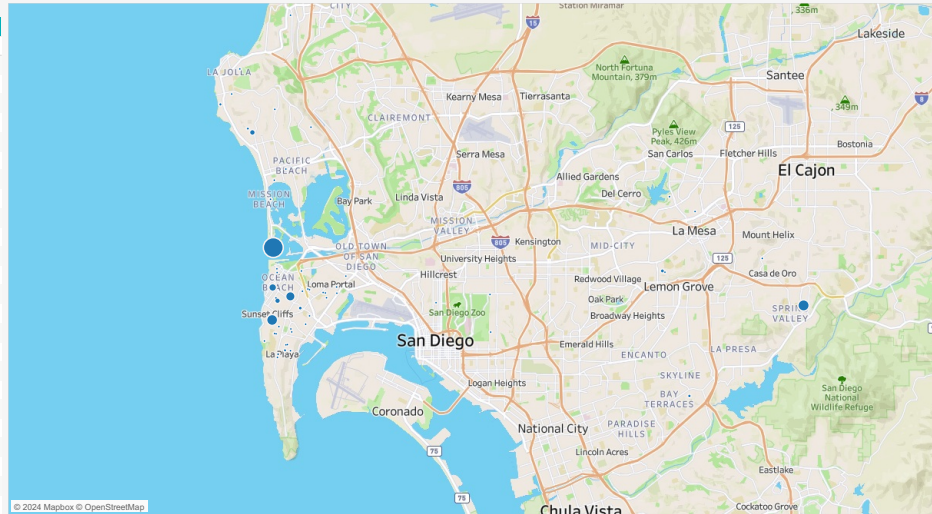
Disturbance Type



Number of Complaints by Neighborhood (August 2024)

Neighborhood	Total Complaints	Total Households
Grand Total	2,946	58
Mission Beach	1,398	3
Spring Valley	399	1
Sunset Cliffs	374	3
Point Loma Heights	367	7
Ocean Beach	166	4
Muirlands	76	1
La Mesa	35	4
Bay Terraces	20	1
Wooded Area	20	7
Beach Barber Tract	18	2
Loma Portal	16	6
Bird Rock	14	1
Pacific Beach	14	3
La Jolla Heights	9	1
Roseville - Fleet Ridge	5	4
Del Mar Heights	3	1
La Playa	3	2
Casa De Oro-Mount Helix	2	1
South Park	2	1
Bankers Hill	1	1
La Jolla Alta	1	1
Laguna Niguel	1	1
North Park	1	1
Village of La Jolla	1	1

Location of Complaints



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