

QUIETER HOME PROGRAM

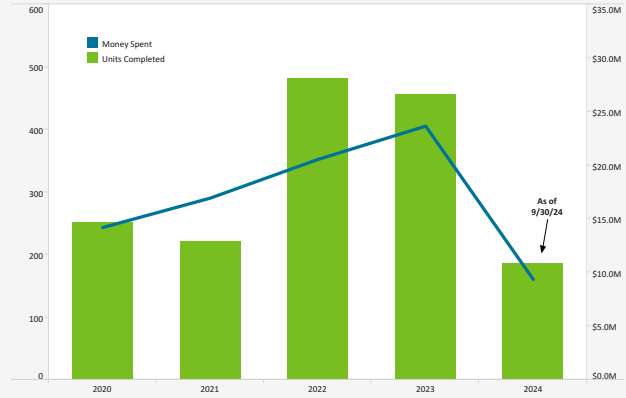
Quieter Home Program As Of: 9/30/2024

Status of Homes	
Added this Month	5
Homes Completed this Month	14
Estimated Homes to Complete in CY 2024	300
Homes on Wait List	448
Total Homes Completed	5,789
Amount Spent on Multi-Family Units (USD) this Month	29,102

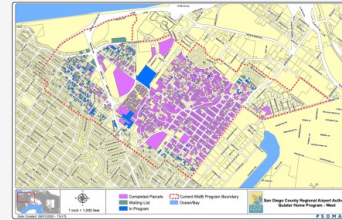
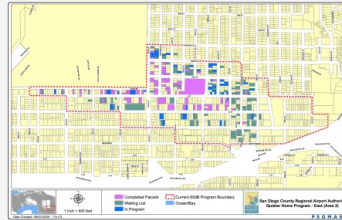
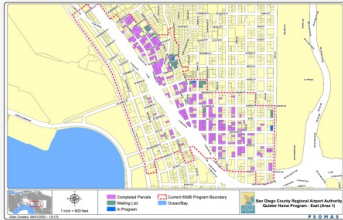
Project	Estimated Construction Start	# Homes
12.5 (QNRP)	HOLD for PA	3
13.1	Summer 2024	30
13.2	Fall 2024	26
13.3	Fall 2024	25
13.4	Fall 2024	23
13.5	Winter 2024	36
13.6	Winter 2025	33
13.7	Winter 2025	27
13.8	Spring 2025	26
13.9	Spring 2025	30
13.10	Summer 2025	22
13.11	Summer 2025	41
13.12	Winter 2025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



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

Curfew Violations (August - September 2024)

Date, Time	Airline	Aircraft Type	Status
8/1/2024, 01:39 AM	Air Canada	BCS3	Not Fined
8/3/2024, 11:39 PM	Alaska Airlines	B39M	FINED - \$10,000
8/3/2024, 12:06 AM	jetBlue Airways	A321	FINED - \$12,000
8/4/2024, 11:52 PM	Delta Air Lines	A321	FINED - \$10,000
8/5/2024, 12:04 AM	Delta Air Lines	A21N	FINED - \$10,000
8/8/2024, 11:30 PM	Delta Air Lines	A21N	FINED - \$10,000
8/11/2024, 11:43 PM	Spirit Airlines	A320	FINED - \$6,000
8/13/2024, 03:28 AM	Waste Connections US Inc.	F900	FINED - \$2,000
8/18/2024, 11:31 PM	United Airlines	B39M	FINED - \$2,000
8/18/2024, 11:46 PM	United Airlines	B738	FINED - \$6,000
8/23/2024, 11:39 PM	American Airlines	A21N	Not Fined
8/29/2024, 11:30 PM	American Airlines	A321	Not Fined
9/2/2024, 11:34 PM	jetBlue Airways	A320	Not Fined
9/6/2024, 11:58 PM	Flexjet	CL30	Pending Review
9/8/2024, 12:46 AM	Alaska Airlines	B39M	Pending Review
9/23/2024, 12:35 AM	SkyWest Airlines	E75L	Pending Review
9/24/2024, 12:08 AM	Alaska Airlines	B739	Pending Review
9/29/2024, 11:58 PM	United Airlines	B38M	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.

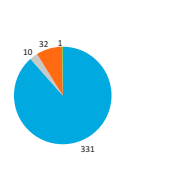
Annual Violations and Penalties Assessed (Year-to-Date)

Year	Total Violations	Fines Assessed
2020	18	\$16,000
2021	52	\$204,000
2022	89	\$804,000
2023	141	\$1,004,000
2024	77	\$360,000

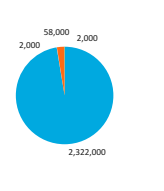
Airline Category

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

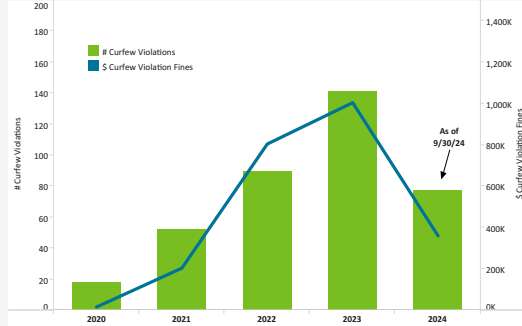
Violations by Airline Category (2020 - Present)



Fines Assessed by Airline Category (2020 - Present)



Curfew Violations and Penalties Assessed (by Year)

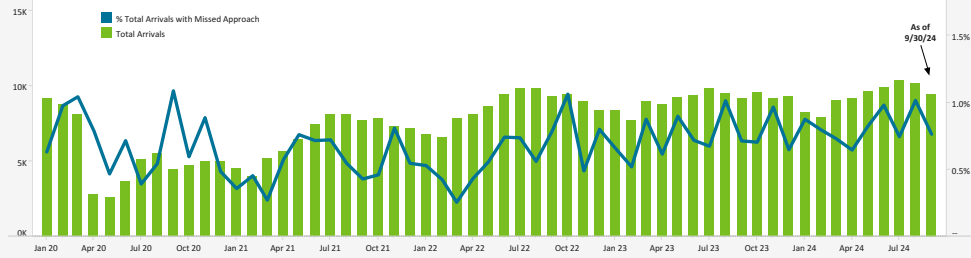


Airline Category	# Curfew Violations	\$ Curfew Violation Fines
A - Air	331	\$2,322,000
C - Cargo	10	\$2,000
G - G/A	32	\$58,000
M - Mil	1	\$2,000

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**MISSED APPROACH STATISTICS**

Total Arrivals Compared to (%) of Missed Approaches



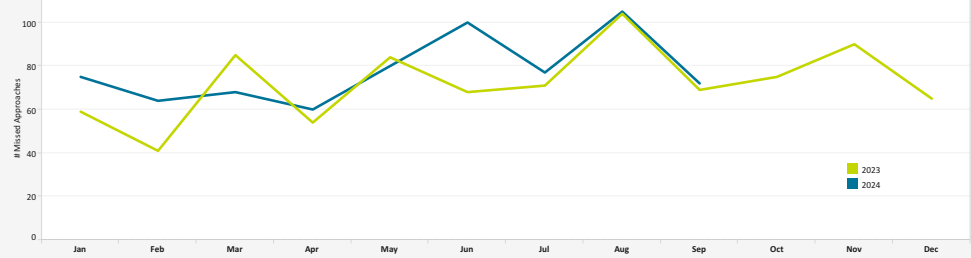
Missed Approaches: A procedure to maintain safety, initiated by the pilot or Air Traffic Control (ATC) for a pilot to abandon the approach to landing.

	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	83,708
Total Missed Approaches	508	470	668	865	701

Missed Approach Location Statistics

	Jul		Aug		Sep			Jul	Aug	Sep
	Day	Night	Day	Night	Day	Night				
Between Noise Dot #1 - Noise Dot #2	1	4	2	3	0	0	Between 265°-295° Heading (Standard)	48	67	43
Between Noise Dot #2 - JETI	17	2	27	7	19	5	East of Airport	6	13	7
Between JETI - Noise Dot #3	21	3	27	1	18	1	Left of 265°	18	21	16
Between Noise Dot #3 - Noise Dot #4	14	2	14	4	14	0	Right of 295°	5	3	4
Between Noise Dot #4 - Noise Dot #5	2	0	2	1	2	0				

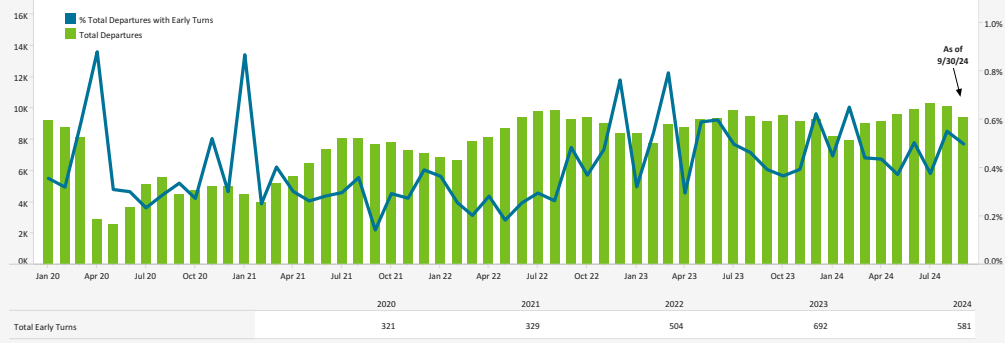
Total Missed Approaches



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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.

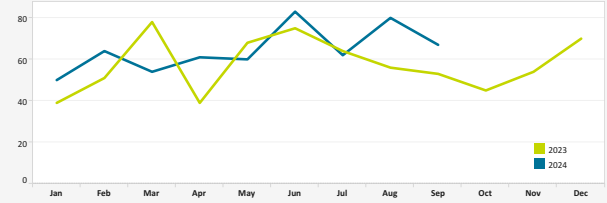
Departure Statistics

	Jul	Aug	Sep
Jets Turning Left	5,368	5,183	4,651
Between Z2000 and Noise Dots	756	902	794
Compliant with Nighttime departure Heading (290°)	609	481	472
Not Nighttime Compliant - Over La Jolla	55	56	40
Not Nighttime Compliant - Straight Out	2	5	1
Not Nighttime Compliant - East	0	0	0

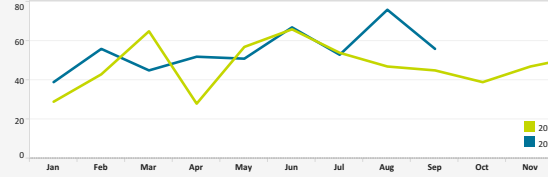
Cause of Early Turns

	Jul	Aug	Sep
Caused by ATC Vectors	59	69	61
Caused by Pilot Deviation	3	3	1
Caused by Weather	0	8	5

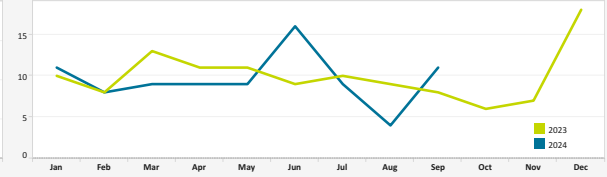
Total Early Turns



Over Point Loma



Over Mission Beach



Early Turns by Operator (September 2024)

Airline	Left Early Turns	Total Operator Departures	% Departures with Left Early Turns
Southwest Airlines	15	5,764	0.3%
SkyWest Airlines	1	1,988	0.1%
Alaska Airlines	6	1,811	0.3%
United Airlines	7	1,741	0.4%
Delta Air Lines	6	1,622	0.4%
American Airlines	7	1,430	0.5%
Frontier Airlines	3	656	0.5%
General Aviation	5	612	0.8%
NetJets	1	426	0.2%
jetBlue Airways	1	262	0.4%
British Airways	1	120	0.8%
UPS Airlines	1	80	1.3%
Desert Jet	1	6	16.7%
WAIN ACQUISITIONS LLC	1	2	50.0%

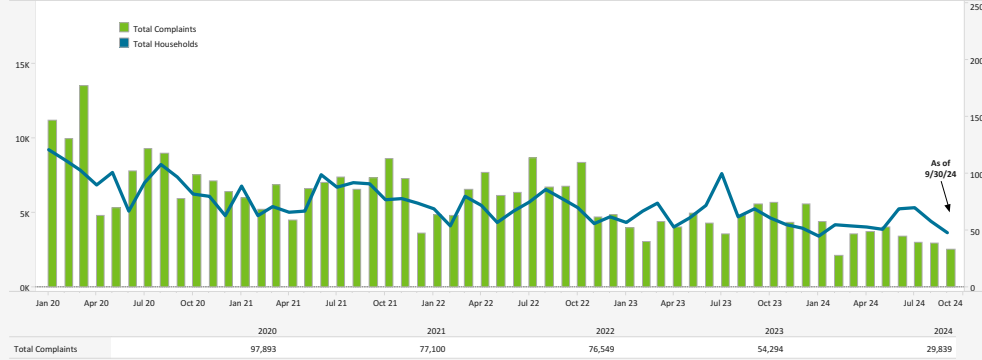
Early Turns by Operator (September 2024)

Airline	Right Early Turns	Total Operator Departures	% Departures with Right Early Turns
Southwest Airlines	2	5,764	0.0%
United Airlines	1	1,741	0.1%
NetJets	5	426	1.2%
FedEx Express	1	213	0.5%
Bombardier Capital Leasing Ltd	1	6	16.7%
Breeze Airways	1	1	100.0%

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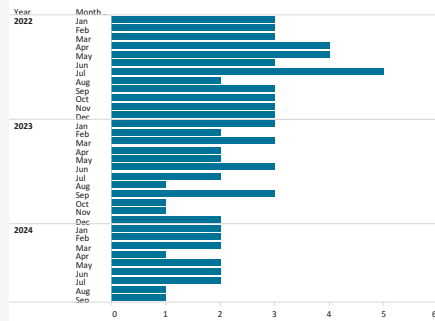
NOISE COMPLAINT STATISTICS

Total Complaints Compared to Total Households

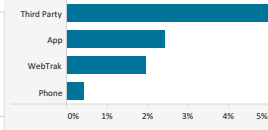


The Authority reports all complaints.

Number of Households with 500+ Complaints per Month



Complaints by Contact Method



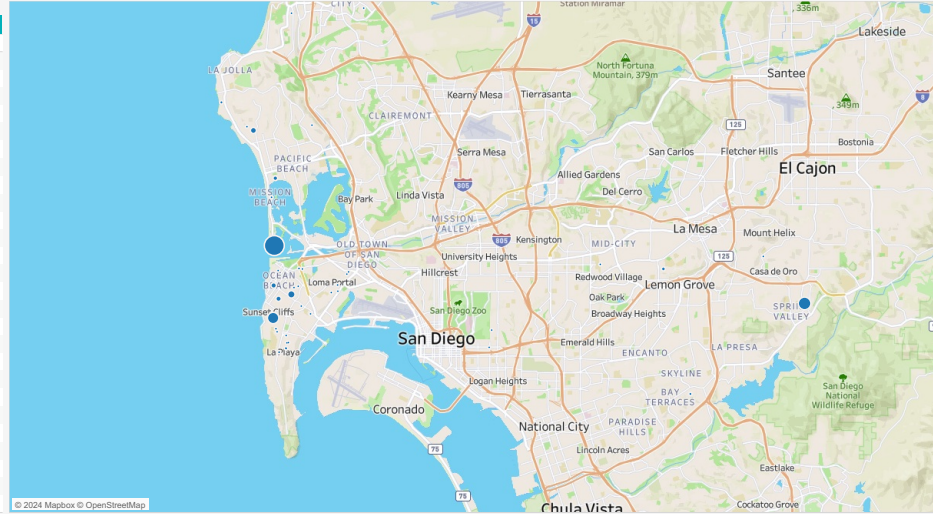
Disturbance Type

Disturbance Type	# Complaints	% Total
Too Loud	2,497	97.4%
Overflight	28	1.1%
Suspected Off Course	20	0.8%
Curfew Violation	16	0.6%
Off Course	2	0.1%
Too Low	1	0.0%

Number of Complaints by Neighborhood (September 2024)

Neighborhood	Total Complaints	Total Households
Grand Total	2,564	48
Mission Beach	1,242	4
Spring Valley	452	1
Sunset Cliffs	356	1
Point Loma Heights	190	6
Muirlands	76	1
Ocean Beach	63	3
Pacific Beach	40	2
La Mesa	22	1
Del Mar	21	1
Wooded Area	19	8
Campo	15	1
Beach Barber Tract	13	2
Bay Terraces	12	1
Casa De Oro-Mount Helix	8	1
El Cerrillo	8	1
Del Mar Heights	5	1
Loma Portal	5	4
Golden Hill	3	1
Bird Rock	2	1
Chula Vista	2	1
La Jolla Heights	2	1
Midway District	2	1
Roseville - Fleet Ridge	2	1
South Park	2	1
Laguna Niguel	1	1
University City	1	1

Location of Complaints



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