

QUIETER HOME PROGRAM

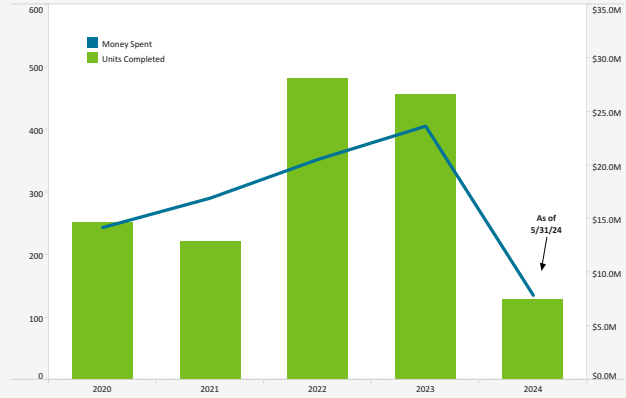
Quieter Home Program As Of:5/31/2024

Status of Homes	
Added this Month	12
Homes Completed this Month	38
Estimated Homes to Complete in CY 2024	300
Homes on Wait List	444
Total Homes Completed	5,731
Amount Spent on Multi-Family Units (USD) this Month	156,427

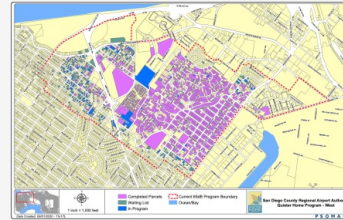
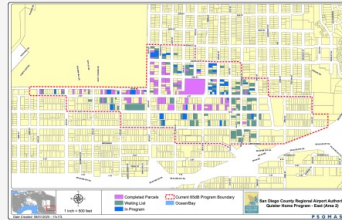
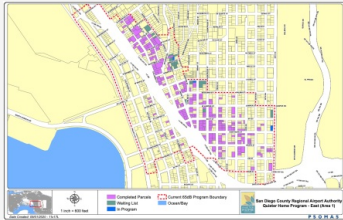
Project	Estimated Construction Start	# Homes
12.5 (QNRP, H)	Winter 2024	3
12.8	In Process	12
12.9	In Process	36
12.10	In Process	35
12.11	In Process	25
12.12	Spring 2024	29
13.1	Summer 2024	30
13.2	Summer 2024	35
13.3	Summer 2024	25
13.4	Fall 2024	24
13.5	Winter 2024	20
13.6	Winter 2025	33
13.7	Winter 2025	27
13.8	Spring 2025	32
13.9	Spring 2025	30
13.10	Summer 2025	28
13.11	Summer 2025	25
13.12	Fall 2025	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 (April - May 2024)

Date, Time	Airline	Aircraft Type	Status
4/6/2024, 12:04 AM	Air Canada	BCS3	FINED - \$2,000
4/10/2024, 12:24 AM	Alaska Airlines	B39M	Not Fined
4/12/2024, 12:01 AM	Delta Air Lines	A321	FINED - \$10,000
4/17/2024, 11:50 PM	American Airlines	A321	Not Fined
4/20/2024, 03:11 AM	Aerovics	GLF5	FINED - \$2,000
5/6/2024, 12:36 AM	Delta Air Lines	A321	Pending Review
5/11/2024, 12:11 AM	Alaska Airlines	B738	Pending Review
5/13/2024, 12:26 AM	Alaska Airlines	B739	Pending Review
5/19/2024, 12:08 AM	United Airlines	B739	Pending Review
5/23/2024, 12:00 AM	American Airlines	B738	Pending Review
5/28/2024, 11:30 PM	United Airlines	B738	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.

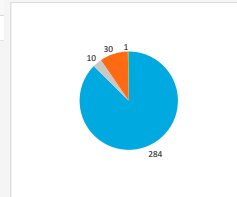
Annual Violations and Penalties Assessed (Year-to-Date)

Year	Total Violations	Fines Assessed
2020	18	\$16,000
2021	52	\$204,000
2022	89	\$804,000
2023	141	\$1,004,000
2024	26	\$76,000

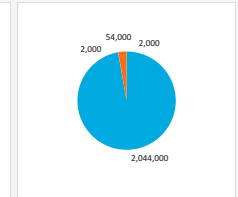
Airline Category

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

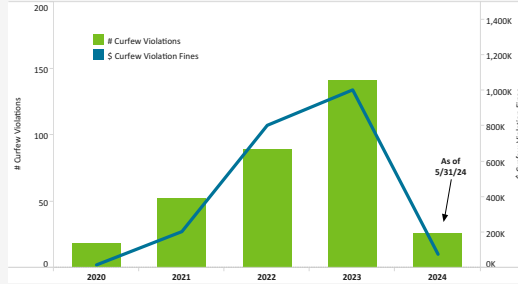
Violations by Airline Category (2020 - Present)



Fines Assessed by Airline Category (2020 - Present)



Curfew Violations and Penalties Assessed (by Year)

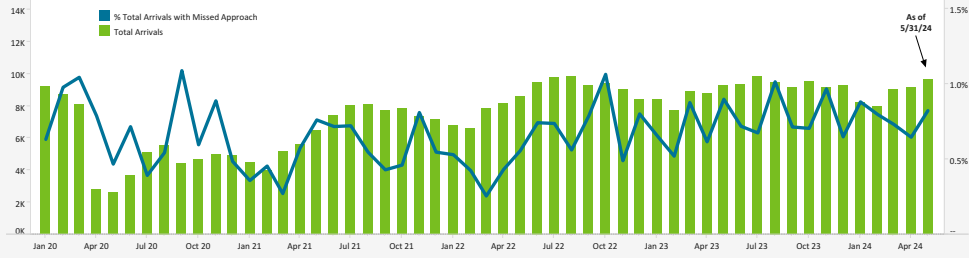


Airline Category	# Curfew Violations	\$ Curfew Violation Fines
A - Air	284	\$2,044,000
C - Cargo	10	\$2,000
G - G/A	30	\$54,000
M - Mil	1	\$2,000

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.

MISSED APPROACH STATISTICS

Total Arrivals Compared to (%) of Missed Approaches



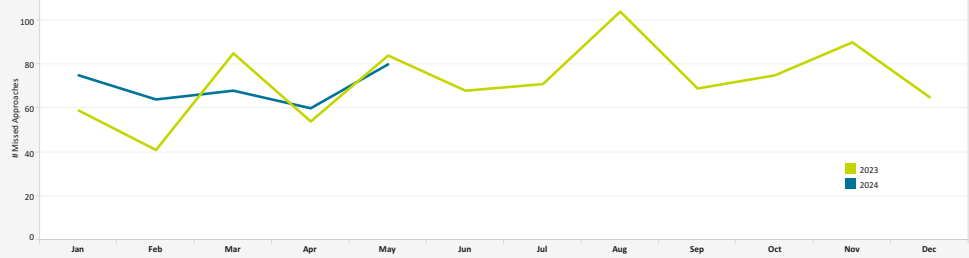
Missed Approaches: A procedure to maintain safety, initiated by the pilot or Air Traffic Control (ATC) for a pilot to abandon the approach to landing.

	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	43,876
Total Missed Approaches	508	470	668	865	347

Missed Approach Location Statistics

	Mar		Apr		May			Mar	Apr	May
	Day	Night	Day	Night	Day	Night				
Between Noise Dot #1 - Noise Dot #2	1	0	0	0	1	0	Between 265°-295° Heading (Standard)	34	33	40
Between Noise Dot #2 - JETI	18	1	11	2	21	1	East of Airport	19	6	15
Between JETI - Noise Dot #3	14	0	20	0	15	2	Left of 265°	13	17	23
Between Noise Dot #3 - Noise Dot #4	10	0	16	0	17	2	Right of 295°	1	4	1
Between Noise Dot #4 - Noise Dot #5	2	1	1	0	4	0				

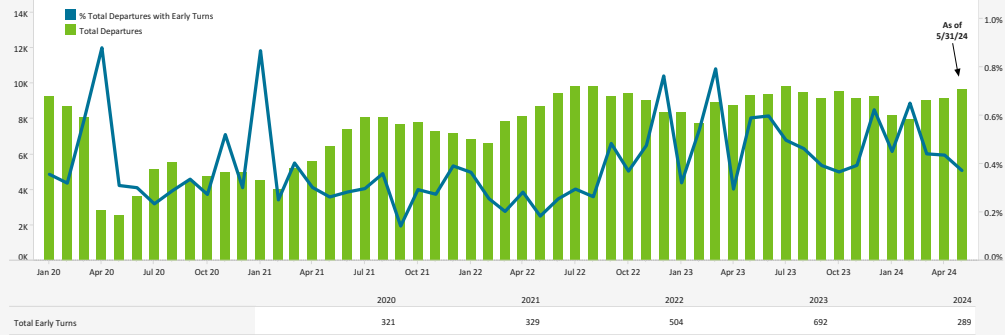
Total Missed Approaches



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.

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.

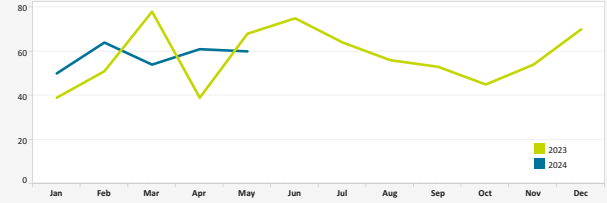
Departure Statistics

	Mar	Apr	May
Jets Turning Left	4,356	4,693	5,039
Between Z2000 and Noise Dots	498	392	525
Compliant with Nighttime departure Heading (290°)	421	517	473
Not Nighttime Compliant - Over La Jolla	28	36	35
Not Nighttime Compliant - Straight Out	3	1	5
Not Nighttime Compliant - East	42	0	0

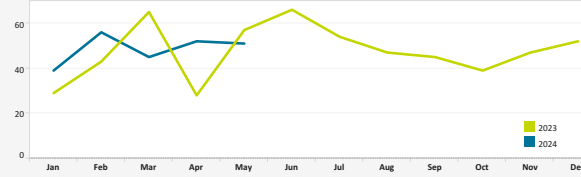
Cause of Early Turns

	Mar	Apr	May
Caused by ATC Vectors	42	50	56
Caused by Pilot Deviation	2	0	2
Caused by Weather	10	11	2

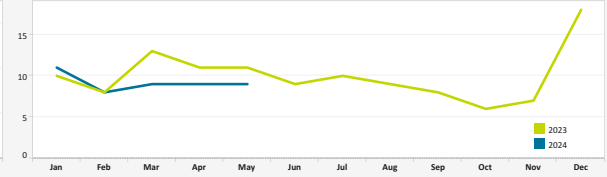
Total Early Turns



Over Point Loma



Over Mission Beach



Early Turns by Operator (May 2024)

Airline	Left Early Turns	Total Operator Departures	% Departures with Left Early Turns
Southwest Airlines	9	5,638	0.2%
SkyWest Airlines	4	1,960	0.2%
Alaska Airlines	6	1,811	0.3%
United Airlines	5	1,766	0.3%
Delta Air Lines	10	1,665	0.6%
American Airlines	7	1,487	0.5%
General Aviation	3	878	0.3%
Frontier Airlines	1	582	0.2%
Spirit Airlines	2	466	0.4%
Netjets	1	400	0.3%
Chrysler Aviation Inc	1	26	3.8%
Jet Linx Aviation Corp	1	7	14.3%
Aviation Bridge Ltd	1	4	25.0%

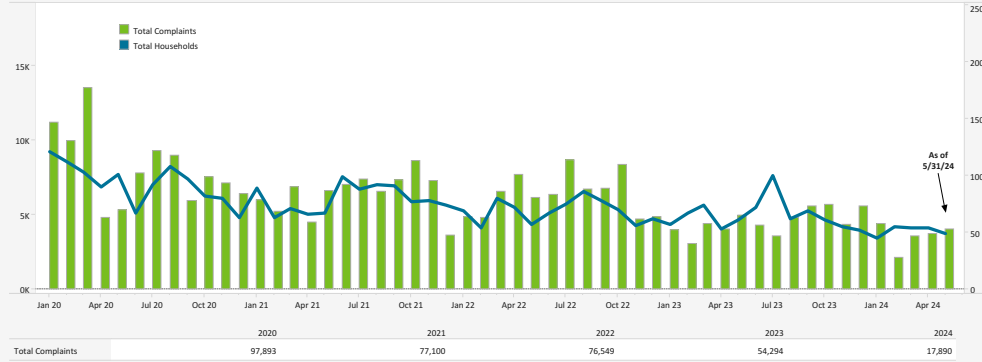
Early Turns by Operator (May 2024)

Airline	Right Early Turns	Total Operator Departures	% Departures with Right Early Turns
Southwest Airlines	1	5,638	0.0%
General Aviation	1	878	0.1%
Netjets	2	400	0.5%
Jazz	1	184	0.5%
Chrysler Aviation Inc	3	26	11.5%
New World Aviation Inc	1	4	25.0%

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.

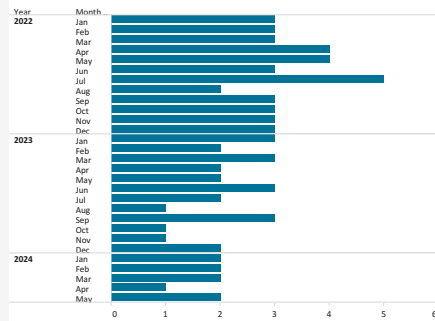
NOISE COMPLAINT STATISTICS

Total Complaints Compared to Total Households

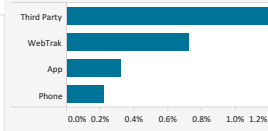


The Authority reports all complaints.

Number of Households with 500+ Complaints per Month



Complaints by Contact Method



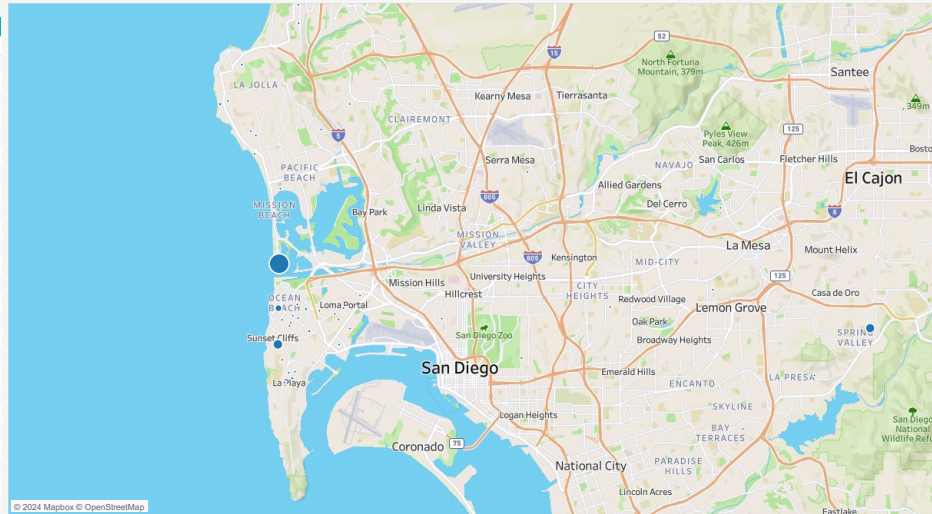
Disturbance Type

Disturbance Type	# Complaints	% Total
Too Loud	3,999	99.4%
Suspected Off Course	7	0.2%
Curfew Violation	6	0.1%
Too Low	6	0.1%
Overflight	4	0.1%
Off Course	3	0.1%

Number of Complaints by Neighborhood (May 2024)

Neighborhood	Total Complaints	Total Households
Grand Total	4,025	49
Mission Beach	2,526	3
Sunset Cliffs	520	1
Spring Valley	484	1
Ocean Beach	224	3
Point Loma Heights	69	7
Beach Barber Tract	30	2
Del Mar	26	1
Loma Portal	21	4
Village of La Jolla	19	1
Bird Rock	16	2
La Jolla Heights	16	2
La Mesa	16	2
Wooded Area	15	6
Bay Terraces	14	1
Pacific Beach	8	2
Del Mar Heights	6	1
Muirlands	5	1
La Presa	2	1
Liberty Station	2	2
Bay Ho	1	1
City Heights	1	1
Middletown	1	1
Seawatch Community	1	1
Serra Mesa	1	1
South Park	1	1

Location of Complaints



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.