

QUIETER HOME PROGRAM

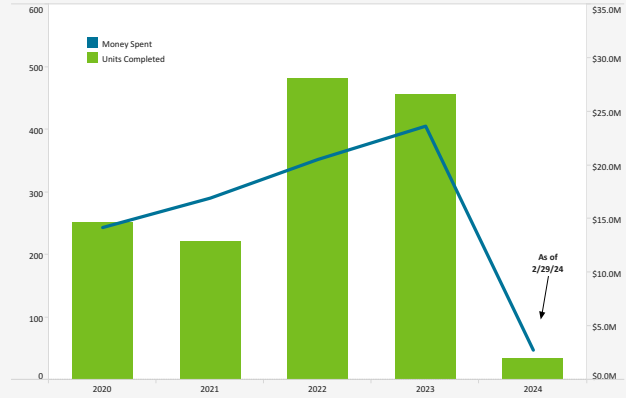
Quieter Home Program As Of: 2/29/2024

Status of Homes	
Added this Month	12
Homes Completed this Month	17
Estimated Homes to Complete in CY 2024	300
Homes on Wait List	403
Total Homes Completed	5,636
Amount Spent on Multi-Family Units (USD) this Month	179,467

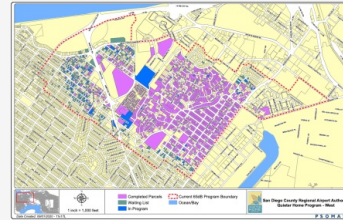
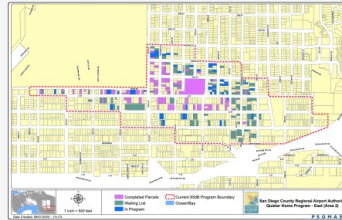
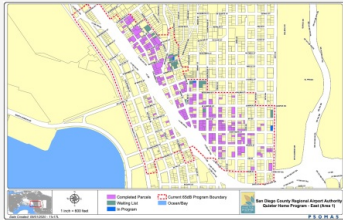
Project	Estimated Construction Start	# Homes
12.3	In Process	37
12.4 (QNRP)	In Process	3
12.5 (QNRP)	Winter 2024	3
12.6	In Process	62
12.7	In Process	35
12.8	Spring 2024	12
12.9	Spring 2024	36
12.10	Winter 2024	35
12.11	Spring 2024	25
12.12	Spring 2024	29
13.1	Summer 2024	30
13.2	Summer 2024	35
13.3	Summer 2024	25
13.4	Fall 2024	24
13.5	Winter 2024	20
13.6	Winter 2025	36
13.7	Winter 2025	26
13.8	Spring 2025	32
13.9	Spring 2025	30
13.10	Summer 2025	25
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



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CURFEW VIOLATIONS

Curfew Violations (January - February 2024)

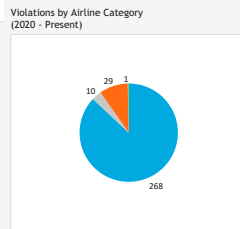
Date, Time	Airline	Aircraft Type	Status
1/1/2024, 11:34 PM	jetBlue Airways	A320	Pending Review
1/8/2024, 12:22 AM	Alaska Airlines	B739	Pending Review
1/20/2024, 12:44 AM	jetBlue Airways	A320	Pending Review
1/22/2024, 11:50 PM	United Airlines	B752	Pending Review
2/8/2024, 11:32 PM	American Airlines	B738	Pending Review
2/8/2024, 11:52 PM	jetBlue Airways	A321	Pending Review
2/8/2024, 11:54 PM	American Airlines	B738	Pending Review
2/9/2024, 12:19 AM	United Airlines	B752	Pending Review
2/19/2024, 01:10 AM	SkyWest Airlines	E75L	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.

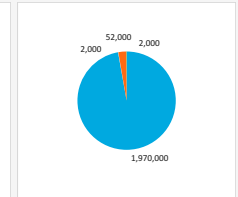
Annual Violations and Penalties Assessed (Year-to-Date)

Year	Total Violations	Fines Assessed
2020	18	\$16,000
2021	52	\$204,000
2022	89	\$804,000
2023	141	\$1,004,000
2024	9	\$0

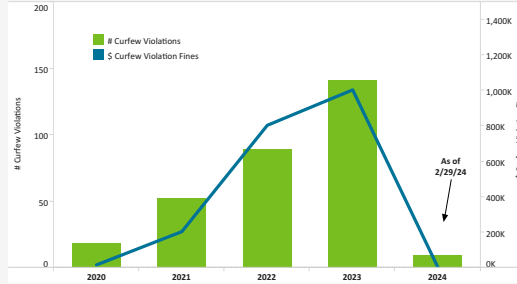
Violations by Airline Category (2020 - Present)



Fines Assessed by Airline Category (2020 - Present)



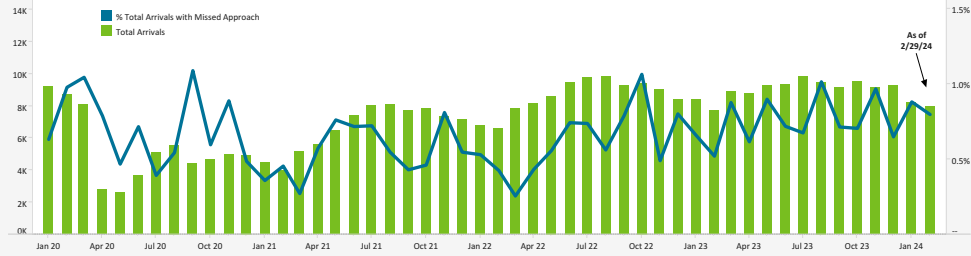
Curfew Violations and Penalties Assessed (by Year)



Airline Category	# Curfew Violations	\$ Curfew Violation Fines
A - Air	268	\$1,970,000
C - Cargo	10	\$2,000
G - G/A	29	\$52,000
M - Mil	1	\$2,000

**MISSED APPROACH STATISTICS**

Total Arrivals Compared to (%) of Missed Approaches



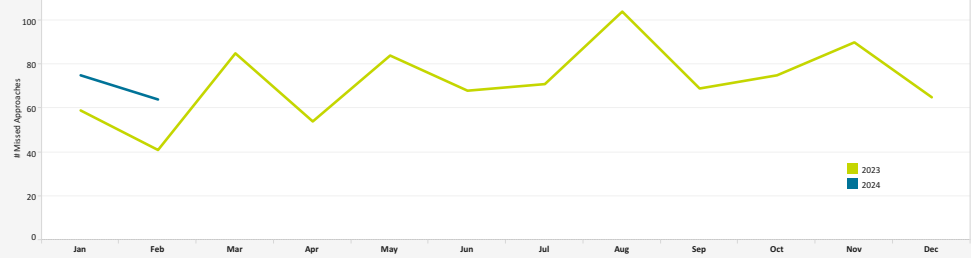
Missed Approaches: A procedure to maintain safety, initiated by the pilot or Air Traffic Control (ATC) for a pilot to abandon the approach to landing.

	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	16,091
Total Missed Approaches	508	470	668	865	139

Missed Approach Location Statistics

	Dec		Jan		Feb			Dec	Jan	Feb
	Day	Night	Day	Night	Day	Night				
Between Noise Dot #1 - Noise Dot #2	0	0	3	0	2		27	47	34	
Between Noise Dot #2 - JETTI	18	0	22	1	19	Between 265°-295° Heading (Standard)	26	15	17	
Between JETTI - Noise Dot #3	8	1	20	1	13	East of Airport	9	12	9	
Between Noise Dot #3 - Noise Dot #4	7	1	11	0	9	Left of 265°	3	1	3	
Between Noise Dot #4 - Noise Dot #5	0	0	1	0	0	Right of 295°				

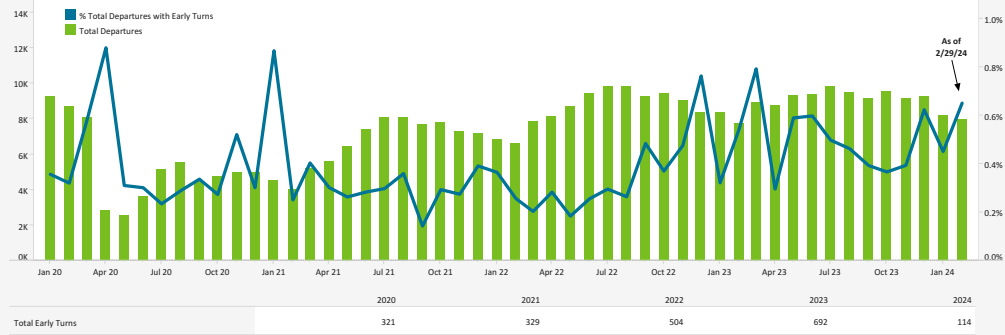
Total Missed Approaches



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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.

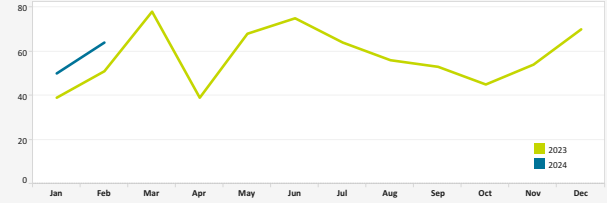
Departure Statistics

	Dec	Jan	Feb
Jets Turning Left	4,803	4,067	3,691
Between Z2000 and Noise Dots	576	458	505
Compliant with Nighttime departure Heading (290°)	413	288	283
Not Nighttime Compliant - Over La Jolla	23	21	32
Not Nighttime Compliant - Straight Out	5	2	3
Not Nighttime Compliant - East	16	0	21

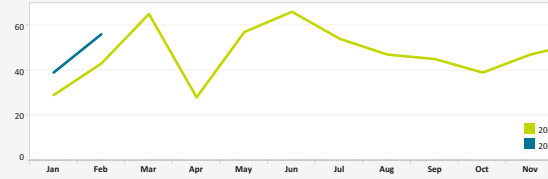
Cause of Early Turns

	Dec	Jan	Feb
Caused by ATC Vectors	59	41	51
Caused by Pilot Deviation	2	0	2
Caused by Weather	9	9	11

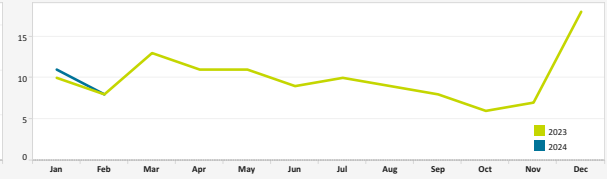
Total Early Turns



Over Point Loma



Over Mission Beach



Early Turns by Operator (February 2024)

Airline	Left Early Turns	Total Operator Departures	% Departures with Left Early Turns
Southwest Airlines	6	4,858	0.1%
SkyWest Airlines	6	1,703	0.4%
American Airlines	7	1,424	0.5%
United Airlines	8	1,417	0.6%
Alaska Airlines	4	1,333	0.3%
Delta Air Lines	12	1,316	0.9%
General Aviation	1	658	0.2%
Frontier Airlines	1	448	0.2%
Netjets	3	285	1.1%
JetBlue Airways	1	260	0.4%
Flegjet	1	167	0.6%
Horizon Air	1	153	0.7%
UPS Airlines	1	66	1.5%
LIVE MAS ENTERPRISES LLC	1	8	12.5%
THRESHOLD VENTURES INC	1	6	16.7%
BOMBARDIER AEROSPACE CORP	1	6	16.7%
Academi	1	2	50.0%

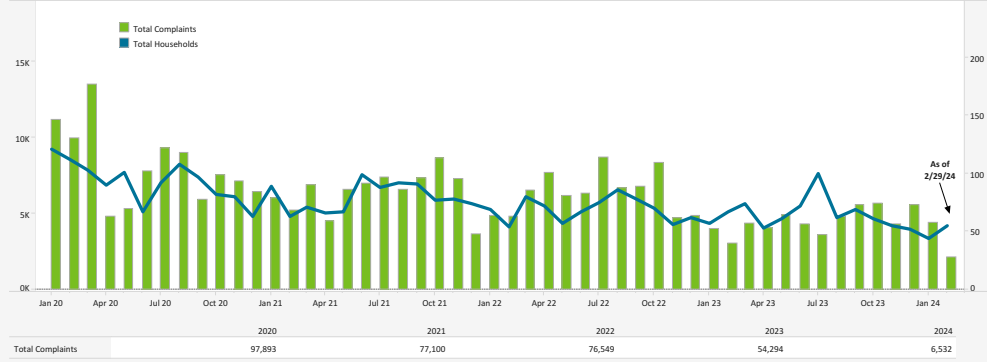
Early Turns by Operator (February 2024)

Airline	Right Early Turns	Total Operator Departures	% Departures with Right Early Turns
Southwest Airlines	3	4,858	0.1%
American Airlines	1	1,424	0.1%
United Airlines	1	1,417	0.1%
General Aviation	1	658	0.2%
Jazz	1	172	0.6%
Ameriflight	1	47	2.1%

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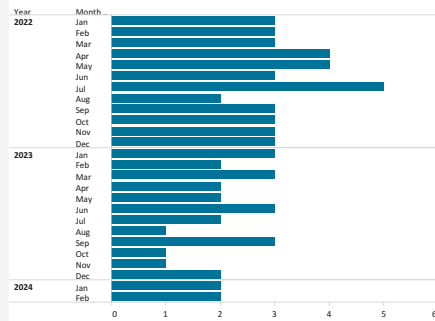
NOISE COMPLAINT STATISTICS

Total Complaints Compared to Total Households

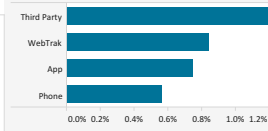


The Authority reports all complaints.

Number of Households with 500+ Complaints per Month



Complaints by Contact Method



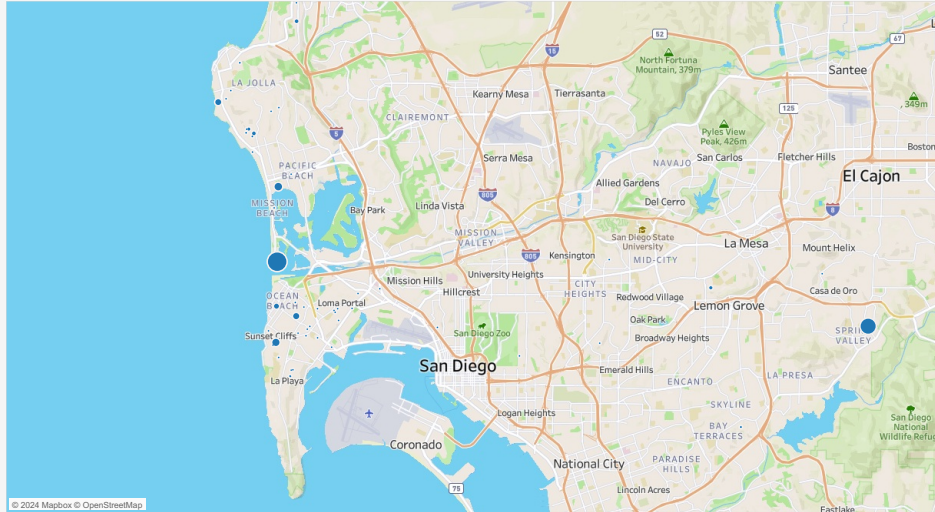
Disturbance Type

Disturbance Type	# Complaints	% Total
Too Loud	2,097	98.3%
Curfew Violation	13	0.6%
Too Low	11	0.5%
Suspected Off Course	8	0.4%
Off Course	4	0.3%
Overflight	1	0.0%

Number of Complaints by Neighborhood (February 2024)

Neighborhood	Total Complaints	Total Households
Grand Total	2,134	55
Mission Beach	841	2
Spring Valley	554	1
Pacific Beach	136	2
Sunset Cliffs	127	3
Point Loma Heights	99	7
Beach Barber Tract	89	4
Ocean Beach	58	1
Bird Rock	42	5
Del Mar	35	1
La Jolla Heights	35	2
Muirlands	32	1
La Mesa	24	1
Wooded Area	16	5
Loma Portal	11	6
Bay Terraces	9	1
Village of La Jolla	7	1
Roseville-Fleet Ridge	5	2
Del Mar Heights	3	1
Bankers Hill	2	1
La Jolla Alta	2	1
Casa De Oro-Mount Helix	1	1
City Heights	1	1
La Jolla Mesa	1	1
Midway District	1	1
Roseville - Fleet Ridge	1	1
South Park	1	1
Talmadge	1	1

Location of Complaints



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