

QUIETER HOME PROGRAM

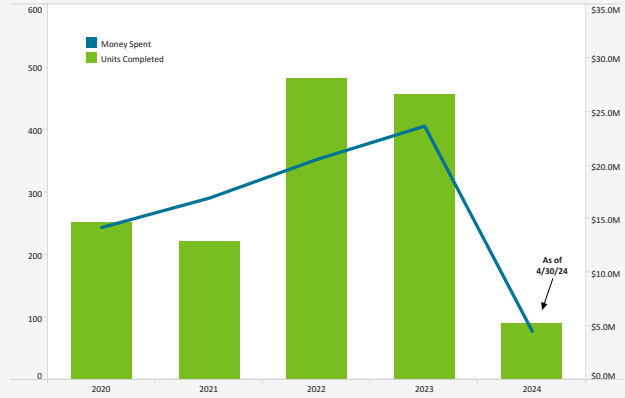
Quieter Home Program As Of: 4/30/2024

Status of Homes	
Added this Month	23
Homes Completed this Month	36
Estimated Homes to Complete in CY 2024	300
Homes on Wait List	430
Total Homes Completed	5,693
Amount Spent on Multi-Family Units (USD) this Month	165,415

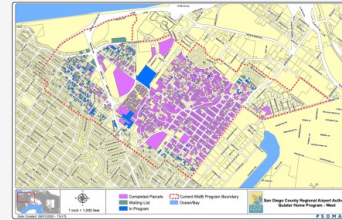
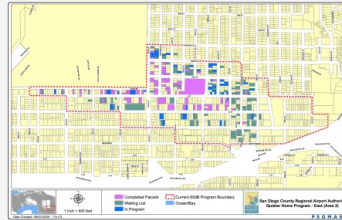
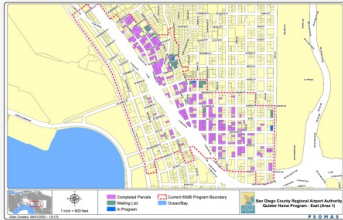
Project	Estimated Construction Start	# Homes
12.5 (QNRP, H)	Winter 2024	3
12.8	In Process	12
12.9	In Process	36
12.10	In Process	35
12.11	In Process	25
12.12	Spring 2024	29
13.1	Summer 2024	30
13.2	Summer 2024	35
13.3	Summer 2024	25
13.4	Fall 2024	24
13.5	Winter 2024	20
13.6	Winter 2025	33
13.7	Winter 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



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CURFEW VIOLATIONS

Curfew Violations (March - April 2024)

Date, Time	Airline	Aircraft Type	Status
3/13/2024, 12:04 AM	SkyWest Airlines	E75L	Pending Review
3/15/2024, 12:36 AM	jetBlue Airways	A321	Pending Review
3/21/2024, 11:50 PM	Alaska Airlines	B39M	Pending Review
3/24/2024, 11:46 PM	jetBlue Airways	A321	Pending Review
3/25/2024, 04:05 AM	Allegiant Air	A319	Pending Review
3/30/2024, 11:30 PM	American Airlines	B38M	Pending Review
4/6/2024, 11:30 PM	Hawaiian Airlines	A332	Pending Review
4/6/2024, 12:04 AM	Air Canada	BCS3	Pending Review
4/10/2024, 12:24 AM	Alaska Airlines	B39M	Pending Review
4/12/2024, 12:01 AM	Delta Air Lines	A321	Pending Review
4/17/2024, 11:50 PM	American Airlines	A321	Pending Review
4/20/2024, 03:11 AM	Null	GLF5	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.

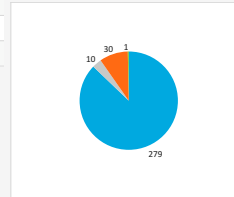
Annual Violations and Penalties Assessed (Year-to-Date)

Year	Total Violations	Fines Assessed
2020	18	\$16,000
2021	52	\$204,000
2022	89	\$804,000
2023	141	\$1,004,000
2024	21	\$10,000

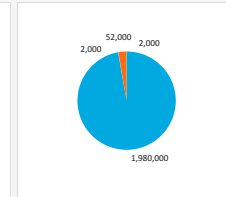
Airline Category

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

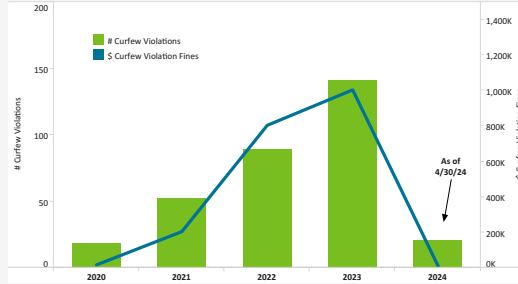
Violations by Airline Category (2020 - Present)



Fines Assessed by Airline Category (2020 - Present)



Curfew Violations and Penalties Assessed (by Year)

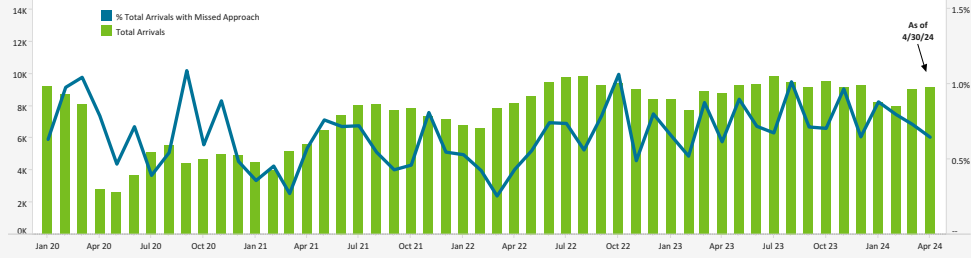


Airline Category	# Curfew Violations	\$ Curfew Violation Fines
A - Air	279	\$1,980,000
C - Cargo	10	\$2,000
G - G/A	30	\$52,000
M - Mil	1	\$2,000

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**MISSED APPROACH STATISTICS**

Total Arrivals Compared to (%) of Missed Approaches

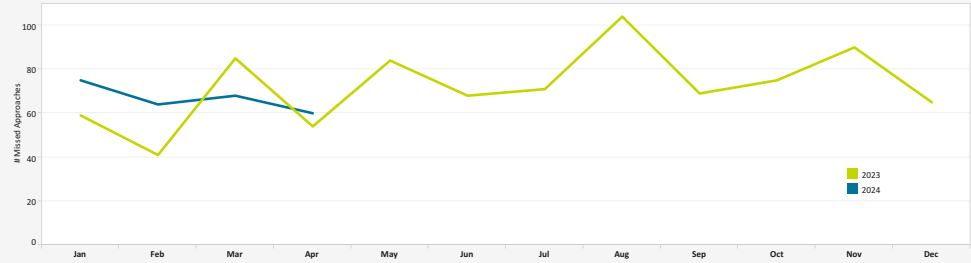


	2020	2021	2022	2023	2024
% Total Arrivals with Missed Approach	0.7%	0.6%	0.6%	0.8%	0.8%
Total Arrivals	64,576	79,016	102,974	108,560	34,267
Total Missed Approaches	508	470	668	865	267

Missed Approach Location Statistics

	Feb		Mar		Apr			Feb	Mar	Apr
	Day	Night	Day	Night	Day	Night				
Between Noise Dot #1 - Noise Dot #2	2		1	0	0	0	Between 265°-295° Heading (Standard)	34	34	33
Between Noise Dot #2 - JETI	19		18	1	11	2	East of Airport	17	19	6
Between JETI - Noise Dot #3	13		14	0	20	0	Left of 265°	9	13	17
Between Noise Dot #3 - Noise Dot #4	9		10	0	16	0	Right of 295°	3	1	4
Between Noise Dot #4 - Noise Dot #5	0		2	1	1	0				

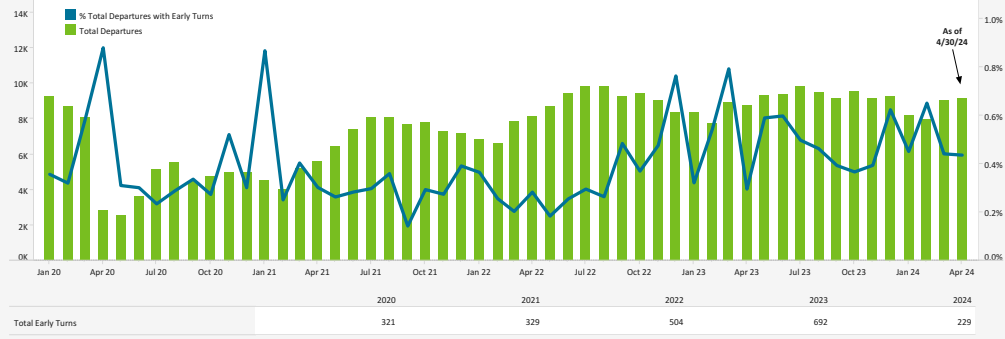
Total Missed Approaches



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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.

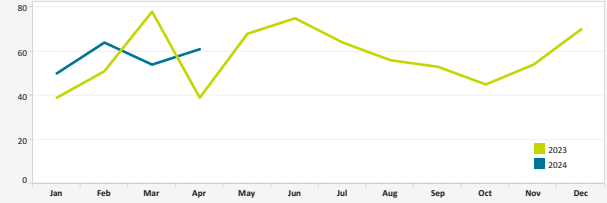
Departure Statistics

	Feb	Mar	Apr
Jets Turning Left	3,691	4,356	4,693
Between Z2000 and Noise Dots	505	498	392
Compliant with Nighttime departure Heading (290°)	283	421	517
Not Nighttime Compliant - Over La Jolla	32	28	36
Not Nighttime Compliant - Straight Out	3	3	1
Not Nighttime Compliant - East	21	42	0

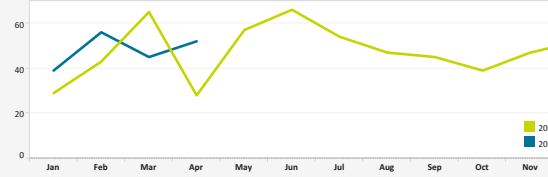
Cause of Early Turns

	Feb	Mar	Apr
Caused by ATC Vectors	51	42	50
Caused by Pilot Deviation	2	2	0
Caused by Weather	11	10	11

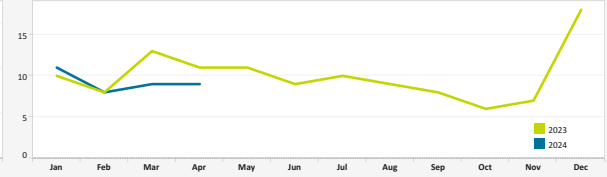
Total Early Turns



Over Point Loma



Over Mission Beach



Early Turns by Operator (April 2024)

Airline	Left Early Turns	Total Operator Departures	% Departures with Left Early Turns
Southwest Airlines	13	5,541	0.2%
SkyWest Airlines	2	1,965	0.1%
United Airlines	10	1,734	0.6%
Alaska Airlines	2	1,717	0.1%
Delta Air Lines	6	1,545	0.4%
American Airlines	10	1,459	0.7%
General Aviation	2	723	0.3%
Frontier Airlines	2	543	0.4%
NetJets	2	396	0.5%
jetBlue Airways	2	259	0.8%
AEROWINGS LLC	1	2	50.0%

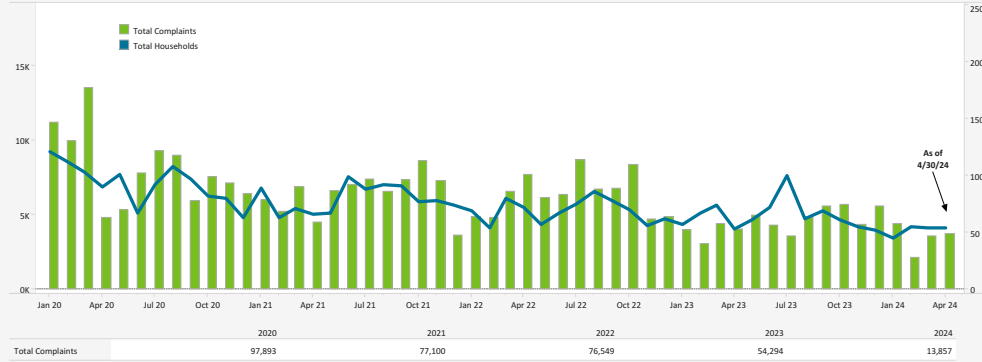
Early Turns by Operator (April 2024)

Airline	Right Early Turns	Total Operator Departures	% Departures with Right Early Turns
SkyWest Airlines	2	1,965	0.1%
Alaska Airlines	1	1,717	0.1%
Delta Air Lines	1	1,545	0.1%
General Aviation	3	723	0.4%
Flexjet	1	109	0.9%
DRCT II LLC	1	2	50.0%

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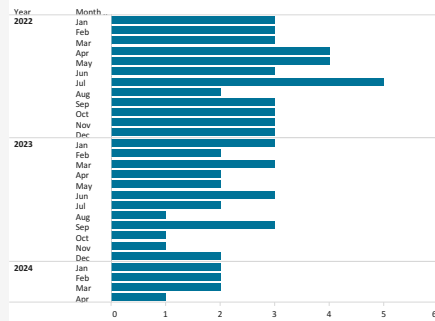
NOISE COMPLAINT STATISTICS

Total Complaints Compared to Total Households

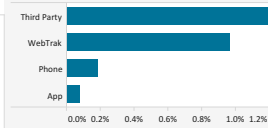


The Authority reports all complaints.

Number of Households with 500+ Complaints per Month



Complaints by Contact Method



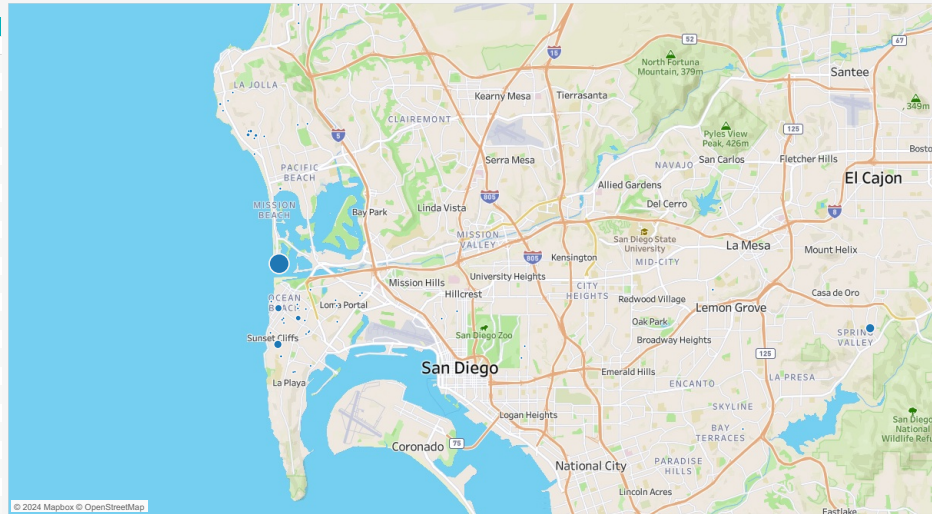
Disturbance Type

Disturbance Type	# Complaints	% Total
Too Loud	3,096	99.3%
Curfew Violation	10	0.3%
Suspected Off Course	8	0.2%
Too Low	6	0.2%
Overflight	2	0.1%

Number of Complaints by Neighborhood (April 2024)

Neighborhood	Total Complaints	Total Households
Grand Total	3,722	54
Mission Beach	2,234	1
Spring Valley	426	1
Sunset Cliffs	332	2
Ocean Beach	252	5
Point Loma Heights	151	9
Bird Rock	107	5
Muirlands	41	1
Beach Barber Tract	32	4
Del Mar	27	1
La Jolla Heights	26	2
La Mesa	22	2
Pacific Beach	22	1
Loma Portal	11	4
Wooded Area	9	4
Bay Terraces	6	1
La Jolla Alta	6	1
Del Mar Heights	4	1
La Jolla Mesa	3	1
Lower Hermosa	3	1
Midway District	2	1
South Park	2	2
Hillcrest	1	1
La Playa	1	1
Middletown	1	1
Soledad South	1	1

Location of Complaints



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