

QUIETER HOME PROGRAM

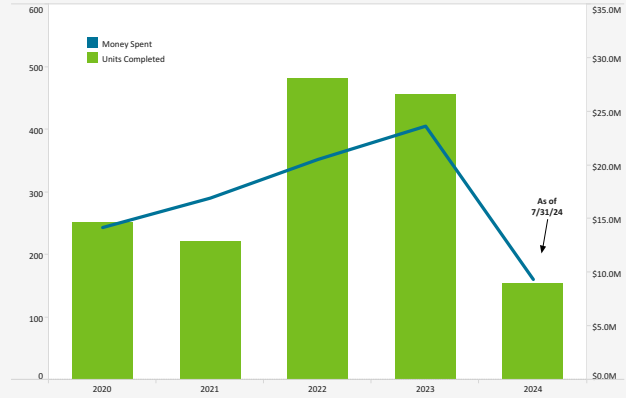
Quieter Home Program As Of: 7/31/2024

Status of Homes	
Homes Completed this Month	8
Added this Month	27
Estimated Homes to Complete in CY 2024	300
Homes on Wait List	461
Total Homes Completed	5,756
Amount Spent on Multi-Family Units (USD) this Month	32,502

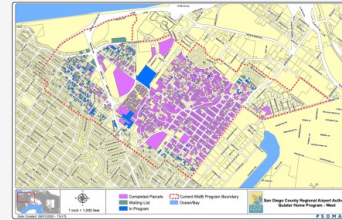
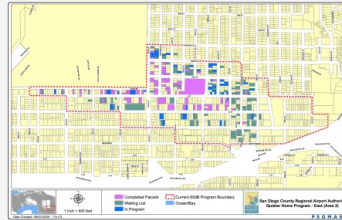
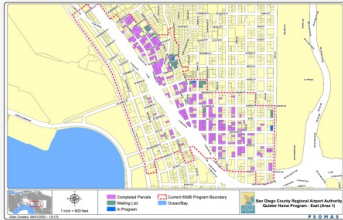
Project	Estimated Construction Start	# Homes
12.5 (QNRP)	HOLD for PA	3
12.9	In Process	36
12.12	In Process	29
13.1	Summer 2024	30
13.2	Fall 2024	35
13.3	Fall 2024	25
13.4	Fall 2024	24
13.5	Winter 2024	20
13.6	Winter 2025	33
13.7	Winter 2025	27
13.8	Spring 2025	32
13.9	Spring 2025	30
13.10	Summer 2025	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 (June - July 2024)

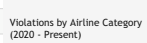
Date, Time	Airline	Aircraft Type	Status
6/4/2024, 11:45 PM	American Airlines	B738	Not Fined
6/15/2024, 12:10 AM	Frontier Airlines	A20N	FINED - \$2,000
6/16/2024, 11:48 PM	Alaska Airlines	B739	Pending Review
6/20/2024, 11:55 PM	Air Canada	BCS3	FINED - \$6,000
6/21/2024, 12:25 AM	Alaska Airlines	B739	FINED - \$40,000
6/29/2024, 12:29 AM	Delta Air Lines	A21N	Not Fined
6/30/2024, 11:39 PM	Delta Air Lines	A21N	Not Fined
6/30/2024, 11:55 PM	jetBlue Airways	A321	Not Fined
6/30/2024, 11:57 PM	jetBlue Airways	A320	Not Fined
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

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

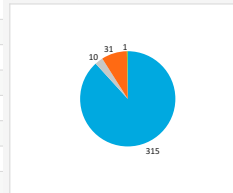
Annual Violations and Penalties Assessed (Year-to-Date)

Year	Total Violations	Fines Assessed
2020	18	\$16,000
2021	52	\$204,000
2022	89	\$804,000
2023	141	\$1,004,000
2024	59	\$124,000

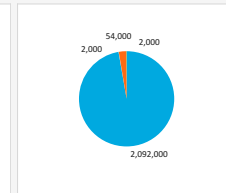
Airline Category



Violations by Airline Category (2020 - Present)

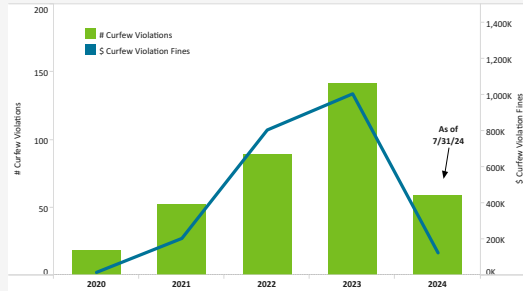


Fines Assessed by Airline Category (2020 - Present)



Airline Category	# Curfew Violations	\$ Curfew Violation Fines
A - Air	315	\$2,092,000
C - Cargo	10	\$2,000
G - G/A	31	\$54,000
M - Mil	1	\$2,000

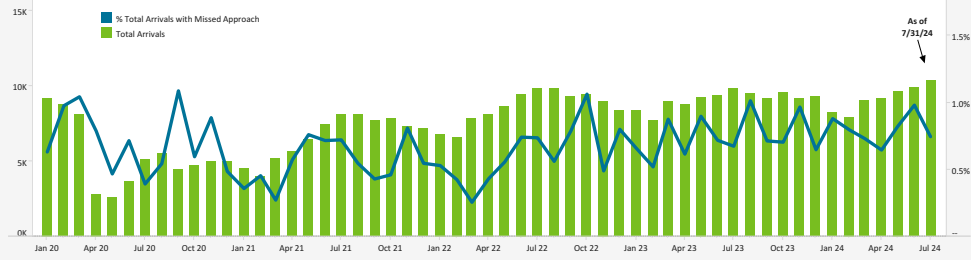
Curfew Violations and Penalties Assessed (by Year)



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MISSED APPROACH STATISTICS

Total Arrivals Compared to (%) of Missed Approaches



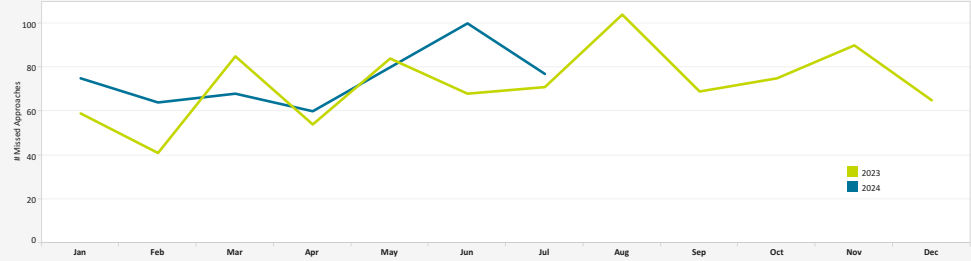
Missed Approaches: A procedure to maintain safety, initiated by the pilot or Air Traffic Control (ATC) for a pilot to abandon the approach to landing.

	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	64,098
Total Missed Approaches	508	470	668	865	524

Missed Approach Location Statistics

	May		Jun		Jul			May	Jun	Jul
	Day	Night	Day	Night	Day	Night				
Between Noise Dot #1 - Noise Dot #2	1	0	1	2	1	4	Between 265°-295° Heading (Standard)	40	61	48
Between Noise Dot #2 - JETI	21	1	29	2	17	2	East of Airport	15	6	6
Between JETI - Noise Dot #3	15	2	26	1	21	3	Left of 265°	23	24	18
Between Noise Dot #3 - Noise Dot #4	17	2	19	0	14	2	Right of 295°	1	9	5
Between Noise Dot #4 - Noise Dot #5	4	0	4	0	2	0				

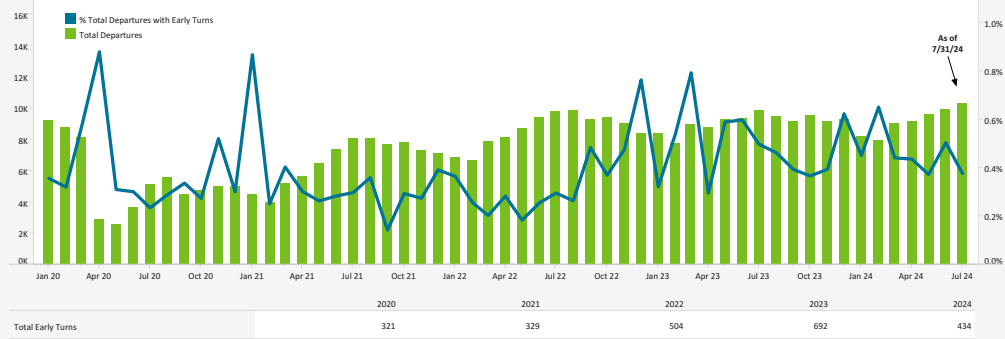
Total Missed Approaches



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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.

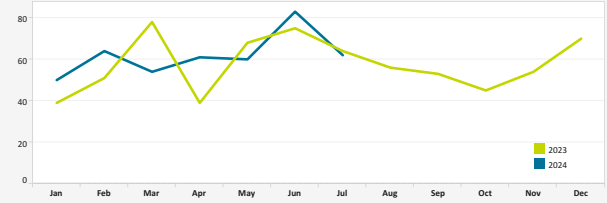
Departure Statistics

	May	Jun	Jul
Jets Turning Left	5,040	5,196	5,368
Between Z2000 and Noise Dots	525	733	756
Compliant with Nighttime departure Heading (290°)	473	574	609
Not Nighttime Compliant - Over La Jolla	35	28	55
Not Nighttime Compliant - Straight Out	5	5	2
Not Nighttime Compliant - East	0	0	0

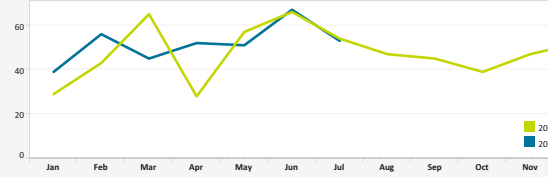
Cause of Early Turns

	May	Jun	Jul
Caused by ATC Vectors	56	77	59
Caused by Pilot Deviation	2	2	3
Caused by Weather	2	3	0

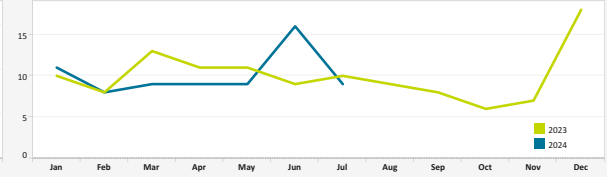
Total Early Turns



Over Point Loma



Over Mission Beach



Early Turns by Operator (July 2024)

Airline	Left Early Turns	Total Operator Departures	% Departures with Left Early Turns
Southwest Airlines	8	6,178	0.1%
SkyWest Airlines	2	2,202	0.1%
Alaska Airlines	5	2,128	0.2%
United Airlines	6	1,731	0.3%
Delta Air Lines	14	1,612	0.9%
American Airlines	4	1,597	0.3%
General Aviation	4	804	0.5%
Frontier Airlines	1	576	0.2%
NetJets	3	425	0.7%
jetBlue Airways	2	310	0.6%
World Atlantic Airlines	1	8	12.5%
Continental Flight Mgt LLC	1	4	25.0%
JAG AVIATION ENTERPRISES LLC	1	2	50.0%
CONTRAILS 35 LLC	1	2	50.0%

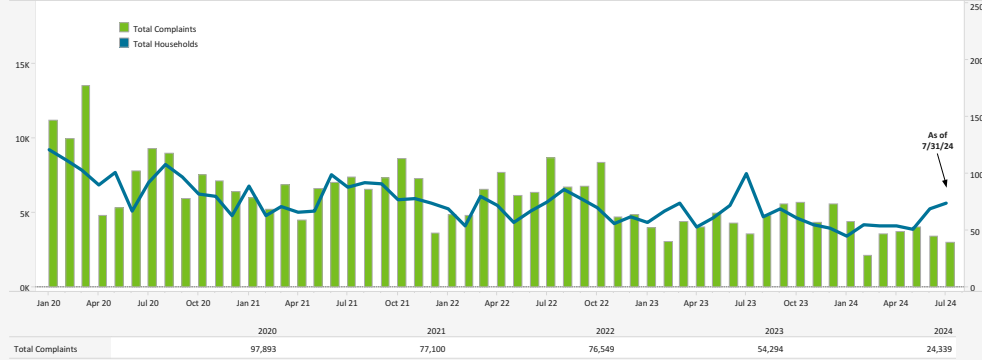
Early Turns by Operator (July 2024)

Airline	Right Early Turns	Total Operator Departures	% Departures with Right Early Turns
Southwest Airlines	1	6,178	0.0%
SkyWest Airlines	1	2,202	0.0%
Alaska Airlines	2	2,128	0.1%
General Aviation	2	804	0.2%
Jazz	2	184	1.1%
MACKN AVIATION LLC	1	2	50.0%

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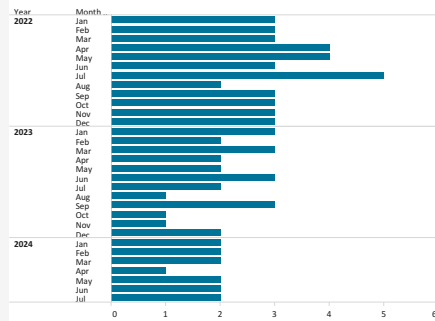
NOISE COMPLAINT STATISTICS

Total Complaints Compared to Total Households

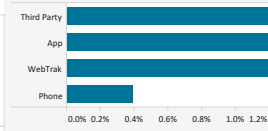


The Authority reports all complaints.

Number of Households with 500+ Complaints per Month



Complaints by Contact Method



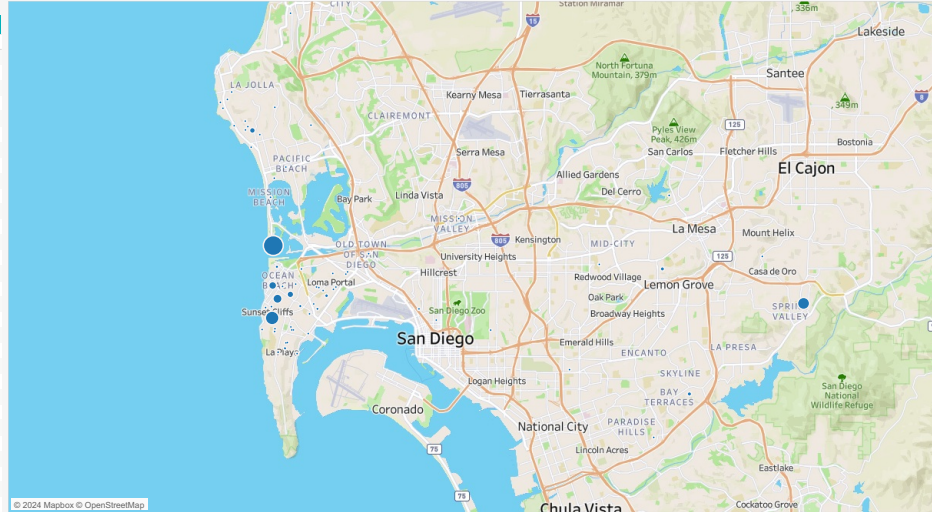
Disturbance Type

Disturbance Type	# Complaints	% Total
Too Loud	2,685	96.3%
Overflight	60	2.2%
Curfew Violation	17	0.6%
Suspected Off Course	13	0.5%
Too Low	5	0.2%
Off Course	4	0.1%
Increased Flight Volume	2	0.1%
Other	1	0.0%

Number of Complaints by Neighborhood (July 2024)

Neighborhood	Total Complaints	Total Households
Grand Total	3,035	74
Mission Beach	1,271	3
Sunset Cliffs	561	3
Spring Valley	417	1
Point Loma Heights	335	7
Ocean Beach	169	2
Muirlands	72	2
Bay Terraces	33	2
La Mesa	31	2
Loma Portal	31	7
Wooded Area	25	7
Beach Barber Tract	20	3
Pacific Beach	10	3
Casa De Oro-Mount Helix	9	1
Bird Rock	8	4
La Jolla Heights	7	1
Roseville - Fleet Ridge	7	6
Lower Hermosa	4	1
Bankers Hill	2	2
Del Mar Heights	2	1
La Jolla Alta	2	1
Middletown	2	1
Mission Valley East	2	1
Point Loma	2	1
South Park	2	1
Del Mar	1	1
El Cerrito	1	1
Laguna Niguel	1	1
Lincoln Park	1	1
Midway District	1	1
Old Town	1	1

Location of Complaints



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