

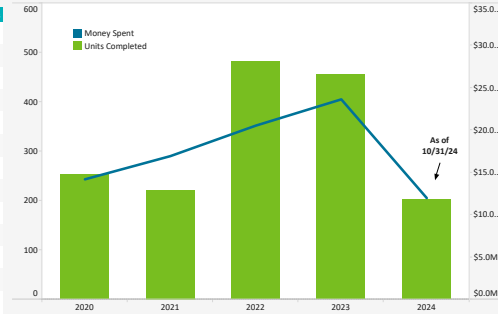
QUIETER HOME PROGRAM

Quieter Home Program As Of: 10/31/2024

Status of Homes	
Homes Completed this Month	16
Added this Month	29
Estimated Homes to Complete in CY 2024	250
Homes on Wait List	448
Total Homes Completed	5,805
Amount Spent on Multi-Family Units (USD) this Month	31,551

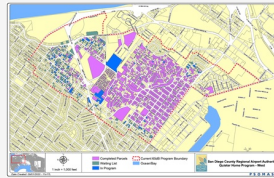
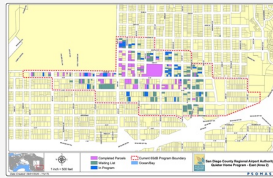
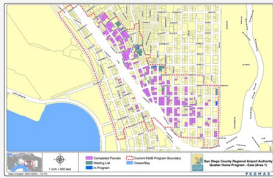
Project	Estimated Construction Sta...	# Homes
12.5 (QNRP)	HOLD for PA	3
13.3	Fall 2024	25
13.4	Fall 2024	23
13.5	Winter 2024	36
13.6	Winter 2025	33
13.7	Winter 2025	27
13.8	Spring 2025	26
13.9	Spring 2025	30
13.10	Summer 2025	22
13.11	Summer 2025	41
13.12	Winter 2025	28
14.1	Spring 2026	32
14.2	Spring 2026	62

From 2001 – 2009, \$89.8 Million Was Spent To Complete 1,334 Homes



QNRP: Quieter Non-Residential Program

Program Boundary Maps



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CURFEW VIOLATIONS

Curfew Violations (September - October 2024)

Date, Time	Airline	Aircraft Type	Status
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
10/3/2024, 11:41 PM	Frontier Airlines	A20N	Pending Review
10/3/2024, 11:44 PM	Alaska Airlines	B738	Pending Review
10/3/2024, 11:49 PM	American Airlines	A321	Pending Review
10/3/2024, 11:50 PM	Alaska Airlines	B39M	Pending Review
10/3/2024, 11:55 PM	Delta Air Lines	A321	Pending Review
10/3/2024, 11:58 PM	Alaska Airlines	B39M	Pending Review
10/4/2024, 01:03 AM	Delta Air Lines	A21N	Pending Review
10/4/2024, 01:05 AM	Delta Air Lines	A21N	Pending Review
10/4/2024, 01:12 AM	jetBlue Airways	A321	Pending Review
10/4/2024, 12:25 AM	United Airlines	B739	Pending Review
10/4/2024, 12:28 AM	American Airlines	A321	Pending Review
10/4/2024, 12:30 AM	American Airlines	A21N	Pending Review
10/4/2024, 12:35 AM	American Airlines	A321	Pending Review
10/4/2024, 12:36 AM	jetBlue Airways	A321	Pending Review
10/4/2024, 12:59 AM	jetBlue Airways	A320	Pending Review
10/5/2024, 11:33 PM	American Airlines	A321	Pending Review
10/5/2024, 11:35 PM	American Airlines	A321	Pending Review
10/5/2024, 11:38 PM	Frontier Airlines	A20N	Pending Review
10/5/2024, 11:40 PM	Delta Air Lines	A21N	Pending Review
10/5/2024, 11:42 PM	Hawaiian Airlines	A21N	Pending Review
10/5/2024, 11:43 PM	American Airlines	A321	Pending Review
10/5/2024, 11:44 PM	American Airlines	A21N	Pending Review
10/5/2024, 11:46 PM	Delta Air Lines	A321	Pending Review
10/5/2024, 11:55 PM	United Airlines	B39M	Pending Review
10/6/2024, 11:30 PM	Alaska Airlines	B39M	Pending Review
10/6/2024, 11:31 PM	American Airlines	A321	Pending Review
10/6/2024, 11:33 PM	Southwest Airlines	B737	Pending Review
10/6/2024, 11:34 PM	American Airlines	A21N	Pending Review
10/6/2024, 11:35 PM	SkyWest Airlines	E75L	Pending Review
10/6/2024, 11:37 PM	Frontier Airlines	A20N	Pending Review
10/7/2024, 01:00 AM	Southwest Airlines	B737	Pending Review
10/7/2024, 01:02 AM	jetBlue Airways	A320	Pending Review
10/7/2024, 01:03 AM	SkyWest Airlines	E75L	Pending Review
10/7/2024, 01:07 AM	Southwest Airlines	B737	Pending Review
10/7/2024, 01:09 AM	SkyWest Airlines	E75L	Pending Review
10/7/2024, 01:10 AM	Southwest Airlines	B737	Pending Review
10/7/2024, 01:12 AM	Southwest Airlines	B737	Pending Review
10/7/2024, 01:13 AM	Southwest Airlines	B737	Pending Review
10/7/2024, 01:15 AM	Southwest Airlines	B737	Pending Review
10/7/2024, 01:19 AM	SkyWest Airlines	E75L	Pending Review
10/7/2024, 11:30 PM	jetBlue Airways	A321	Pending Review
10/7/2024, 11:58 PM	Delta Air Lines	B738	Pending Review
10/8/2024, 12:12 AM	Southwest Airlines	B737	Pending Review
10/8/2024, 12:13 AM	Delta Air Lines	A321	Pending Review
10/8/2024, 12:15 AM	Southwest Airlines	B737	Pending Review
10/8/2024, 12:16 AM	Southwest Airlines	B737	Pending Review
10/8/2024, 12:51 AM	Delta Air Lines	A21N	Pending Review
10/8/2024, 12:53 AM	SkyWest Airlines	E75L	Pending Review
10/8/2024, 12:55 AM	Southwest Airlines	B737	Pending Review
10/9/2024, 12:17 AM	Alaska Airlines	B39M	Pending Review
10/12/2024, 12:58 AM	SkyWest Airlines	E75L	Pending Review
10/21/2024, 11:41 PM	Alaska Airlines	B739	Pending Review
10/23/2024, 11:33 PM	UPS Airlines	B763	Pending Review
10/23/2024, 12:13 AM	American Airlines	A21N	Pending Review
10/24/2024, 11:43 PM	Flexjet	E545	Pending Review
10/25/2024, 11:43 PM	Frontier Airlines	A20N	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.

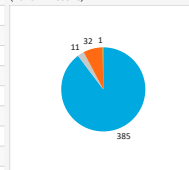
Annual Violations and Penalties Assessed (Year-to-Date)

Year	Total Violations	Fines Assessed
2020	18	\$16,000
2021	52	\$204,000
2022	89	\$804,000
2023	141	\$1,004,000
2024	133	\$360,000

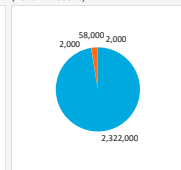
Airline Category

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

Violations by Airline Category (2020 - Present)

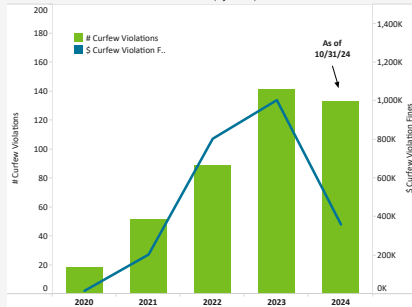


Fines Assessed by Airline Category (2020 - Present)



Airline Category	# Curfew Violations	\$ Curfew Violation Fines
A - Air	385	\$2,322,000
C - Cargo	11	\$2,000
G - G/A	32	\$58,000
M - Mil	1	\$2,000

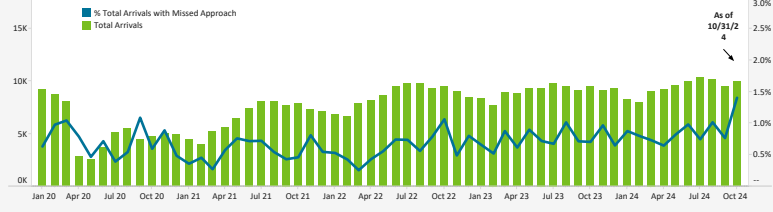
Curfew Violations and Penalties Assessed (by Year)



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MISSED APPROACH STATISTICS

Total Arrivals Compared to (%) of Missed Approaches



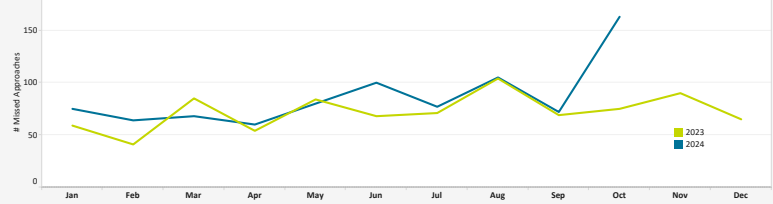
Missed Approaches: A procedure to maintain safety, initiated by the pilot or Air Traffic Control (ATC) for a pilot to abandon the approach to landing.

	2020	2021	2022	2023	2024
% Total Arrivals with Missed Approach	0.7%	0.6%	0.6%	0.8%	0.9%
Total Arrivals	64,576	79,016	102,974	108,560	93,604
Total Missed Approaches	508	470	668	865	864

Missed Approach Location Statistics

	Aug		Sep		Oct			Aug	Sep	Oct
	Day	Night	Day	Night	Day	Night				
Between Noise Dot #1 - Noise Dot #2	2	3	0	0	0	1	Between 265°-295° Heading (Standard)	67	43	42
Between Noise Dot #2 - JETTI	27	7	19	5	17	2	East of Airport	13	7	95
Between JETTI - Noise Dot #3	27	1	18	1	21	1	Left of 265°	21	16	22
Between Noise Dot #3 - Noise Dot #4	14	4	14	0	17	1	Right of 295°	3	4	4
Between Noise Dot #4 - Noise Dot #5	2	1	2	0	3	1				

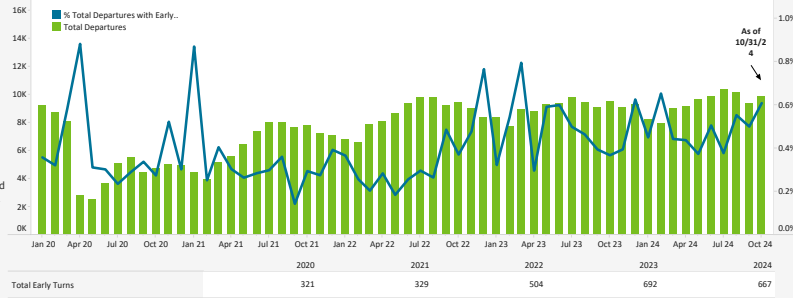
Total Missed Approaches



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EARLY TURN STATISTICS

Total Departures Compared to (%) of Early Turns

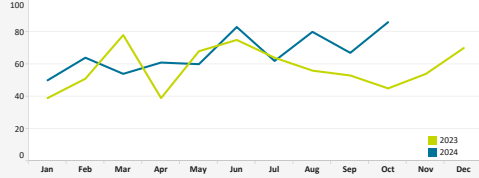


The Airport Authority has defined early turns as those aircraft that turn right prior to FAA Noise Dot #1 at the 295-degree heading or turn left prior to the FAA Noise Dot #3 at the 265-degree heading.

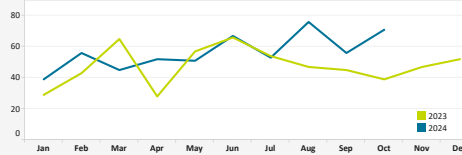
Departure Statistics

	Cause of Early Turns				Aug	Sep	Oct
	Aug	Sep	Oct				
Jets Turning Left	5,185	4,651	4,850	Caused by ATC Vectors	71	61	74
Between Z000 and Noise Dots	902	794	905	Caused by Pilot Deviation	3	1	0
Compliant with Nighttime departure Heading (290°)	481	471	476	Caused by Weather	8	5	12
Not Nighttime Compliant - Over La Jolla	56	40	53				
Not Nighttime Compliant - East	0	0	61				
Not Nighttime Compliant - Straight Out	5	1	10				

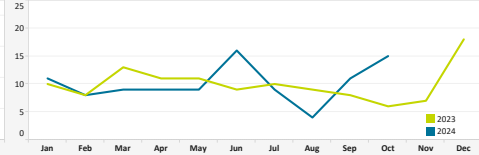
Total Early Turns



Over Point Loma



Over Mission Beach



Early Turns by Operator (October 2024)

Airline	Left Early Turns	Total Operator Departures	% Departures with Left Early Turns
Southwest Airlines	16	5,851	0.3%
SkyWest Airlines	1	2,190	0.0%
United Airlines	11	1,868	0.6%
Alaska Airlines	7	1,857	0.4%
Delta Air Lines	6	1,704	0.4%
American Airlines	7	1,570	0.4%
General Aviation	5	711	0.7%
Frontier Airlines	3	642	0.5%
Spirit Airlines	1	558	0.2%
Netjets	3	354	0.8%
jetBlue Airways	2	328	0.6%
Flegjet	1	130	0.8%
British Airways	2	112	1.8%
UPS Airlines	2	99	2.0%
Sun Country Airlines	2	44	4.5%
Jet Linx Aviation Corp	1	12	8.3%
Delta Private Jets	1	11	9.1%

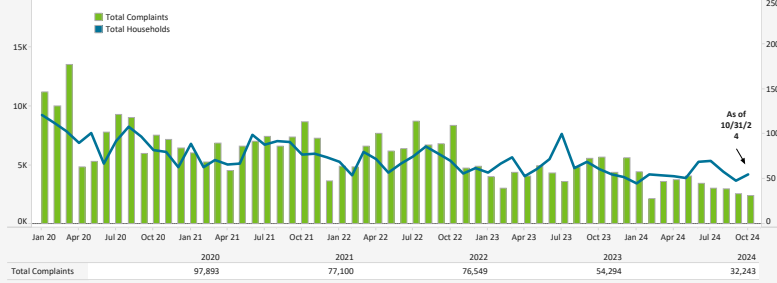
Early Turns by Operator (October 2024)

Airline	Right Early Turns	Total Operator Departures	% Departures with Right Early Turns
Southwest Airlines	3	5,851	0.1%
SkyWest Airlines	2	2,190	0.1%
General Aviation	6	711	0.8%
Frontier Airlines	1	642	0.2%
Netjets	1	354	0.3%
jetBlue Airways	1	328	0.3%
FedEx Express	1	195	0.5%

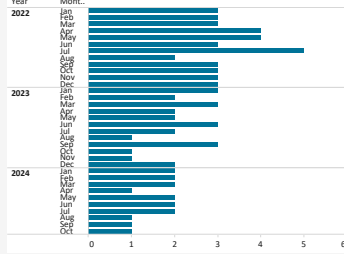
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NOISE COMPLAINT STATISTICS

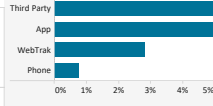
Total Complaints Compared to Total Households



Number of Households with 500+ Complaints per Month



Complaints by Contact Method



Disturbance Type

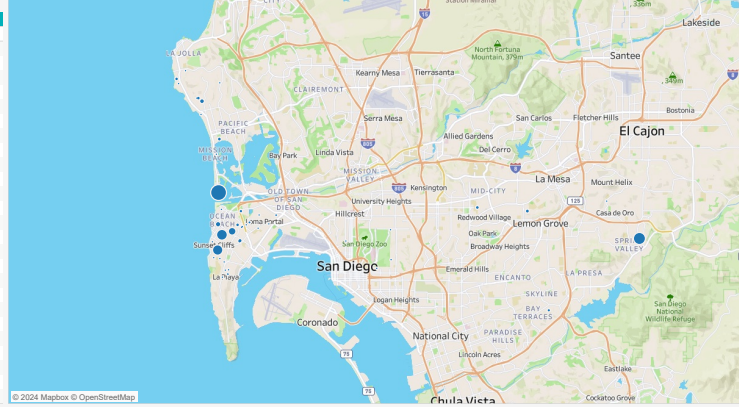
Disturbance Type	# Complaints	% Total
Too Loud	2,170	90.3%
Overflight	128	5.3%
Curfew Violation	95	4.0%
Suspected Off Cour...	4	0.2%
Off Course	3	0.1%
Too Low	3	0.1%
Other	1	0.0%

The Authority reports all complaints.

Number of Complaints by Neighborhood (October 2024)

Neighborhood	Total Compl.	Total House...
Grand Total	2,404	55
Mission Beach	784	4
Point Loma Heights	582	12
Spring Valley	424	1
Sunset Cliffs	300	3
Ocean Beach	65	3
Muirlands	45	1
La Mesa	27	1
Bird Rock	25	3
Pacific Beach	25	1
Beach Barber Tract	24	2
El Cerrito	24	1
Bay Terraces	16	1
Del Mar	16	1
Wooded Area	13	7
Loma Portal	10	4
South Park	6	1
Del Mar Heights	5	1
Lower Hermosa	4	1
Bankers Hill	2	1
Casa De Oro-Mount ...	2	1
Golden Hill	1	1
La Jolla Alta	1	1
Laguna Niguel	1	1
North Park	1	1
University Heights	1	1

Location of Complaints



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