

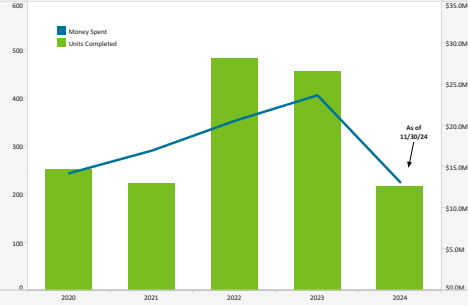
QUIETER HOME PROGRAM

Quieter Home Program As Of: 11/30/2024

Status of Homes	
Homes Completed this Month	12
Added this Month	15
Estimated Homes to Complete in CY 2024	250
Homes on Wait List	510
Total Homes Completed	5,823
Amount Spent on Multi-Family Units (USD) this Month	\$1,555

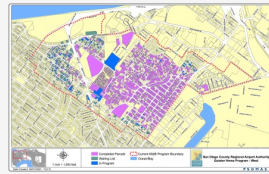
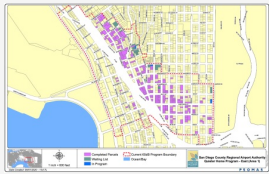
Project	Estimated Construction Start	# Homes
12.5 (QHP)	HOLD for PA	3
13.3	Fall 2024	25
13.4	Fall 2024	23
13.5	Winter 2024	36
13.6	Winter 2025	33
13.7	Winter 2025	27
13.8	Spring 2025	26
13.9	Spring 2025	30
13.10	Summer 2025	22
13.11	Summer 2025	41
13.12	Winter 2025	28
14.1	Spring 2026	32
14.2	Spring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

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



QHSP: Quieter Non-Residential Program

Program Boundary Maps



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CURFEW VIOLATIONS

Curfew Violations (October - November 2024)

Date, Time	Airline	Aircraft Type	Status
10/3/2024, 11:41 PM	Frontier Airlines	A20N	Not Fined
10/3/2024, 11:44 PM	Alaska Airlines	B738	Not Fined
10/3/2024, 11:49 PM	American Airlines	A321	Not Fined
10/3/2024, 11:50 PM	Alaska Airlines	B99M	Not Fined
10/3/2024, 11:55 PM	Delta Air Lines	A321	Not Fined
10/3/2024, 11:58 PM	Alaska Airlines	B99M	Not Fined
10/4/2024, 01:03 AM	Delta Air Lines	A21N	Not Fined
10/4/2024, 01:05 AM	Delta Air Lines	A21N	Not Fined
10/4/2024, 01:12 AM	jetBlue Airways	A321	Not Fined
10/4/2024, 12:25 AM	United Airlines	B739	Not Fined
10/4/2024, 12:28 AM	American Airlines	A321	Not Fined
10/4/2024, 12:30 AM	American Airlines	A21N	Not Fined
10/4/2024, 12:35 AM	American Airlines	A321	Not Fined
10/4/2024, 12:36 AM	jetBlue Airways	A321	Not Fined
10/4/2024, 12:36 AM	jetBlue Airways	A320	Not Fined
10/5/2024, 11:33 PM	American Airlines	A321	Not Fined
10/5/2024, 11:35 PM	American Airlines	A321	Not Fined
10/5/2024, 11:38 PM	Frontier Airlines	A20N	Not Fined
10/5/2024, 11:40 PM	Delta Air Lines	A21N	Not Fined
10/5/2024, 11:42 PM	Hawaiian Airlines	A21N	Not Fined
10/5/2024, 11:43 PM	American Airlines	A321	Not Fined
10/5/2024, 11:44 PM	American Airlines	A21N	Not Fined
10/5/2024, 11:46 PM	Delta Air Lines	A321	Not Fined
10/5/2024, 11:55 PM	United Airlines	B99M	Not Fined
10/6/2024, 11:30 PM	Alaska Airlines	B99M	Not Fined
10/6/2024, 11:31 PM	American Airlines	A321	Not Fined
10/6/2024, 11:33 PM	Southwest Airlines	B737	Not Fined
10/6/2024, 11:34 PM	American Airlines	A21N	Not Fined
10/6/2024, 11:35 PM	SkyWest Airlines	E75L	Not Fined
10/6/2024, 11:37 PM	Frontier Airlines	A20N	Not Fined
10/7/2024, 01:00 AM	Southwest Airlines	B737	Not Fined
10/7/2024, 01:02 AM	jetBlue Airways	A320	Not Fined
10/7/2024, 01:03 AM	SkyWest Airlines	E75L	Not Fined
10/7/2024, 01:07 AM	Southwest Airlines	B737	Not Fined
10/7/2024, 01:09 AM	SkyWest Airlines	E75L	Not Fined
10/7/2024, 01:10 AM	Southwest Airlines	B737	Not Fined
10/7/2024, 01:12 AM	Southwest Airlines	B737	Not Fined
10/7/2024, 01:13 AM	Southwest Airlines	B737	Not Fined
10/7/2024, 01:15 AM	Southwest Airlines	B737	Not Fined
10/7/2024, 01:19 AM	SkyWest Airlines	E75L	Not Fined
10/7/2024, 11:30 PM	jetBlue Airways	A321	Not Fined
10/7/2024, 11:58 PM	Delta Air Lines	B738	Not Fined
10/8/2024, 12:12 AM	Southwest Airlines	B737	Not Fined
10/8/2024, 12:13 AM	Delta Air Lines	A321	Not Fined
10/8/2024, 12:15 AM	Southwest Airlines	B737	Not Fined
10/8/2024, 12:16 AM	Southwest Airlines	B737	Not Fined
10/8/2024, 12:11 AM	Delta Air Lines	A21N	Not Fined
10/8/2024, 12:53 AM	SkyWest Airlines	E75L	Not Fined
10/8/2024, 12:55 AM	Southwest Airlines	B737	Not Fined
10/8/2024, 12:17 AM	Alaska Airlines	B99M	Not Fined
10/12/2024, 12:58 AM	SkyWest Airlines	E75L	Not Fined
10/21/2024, 11:41 PM	Alaska Airlines	B739	Not Fined
10/23/2024, 11:33 PM	UPS Airlines	B763	Not Fined
10/23/2024, 12:13 AM	American Airlines	A21N	Not Fined
10/24/2024, 11:43 PM	Fleetjet	E545	FINED - \$6,000
10/25/2024, 11:43 PM	Frontier Airlines	A20N	Not Fined
11/4/2024, 12:03 AM	Alaska Airlines	B739	Pending Review
11/4/2024, 12:04 AM	SkyWest Airlines	E75L	Pending Review
11/27/2024, 11:30 PM	Delta Air Lines	A21N	Pending Review
11/27/2024, 11:32 PM	Southwest Airlines	B737	Pending Review
11/27/2024, 11:34 PM	United Airlines	B99M	Pending Review
11/27/2024, 11:35 PM	Alaska Airlines	B99M	Pending Review
11/27/2024, 11:36 PM	Southwest Airlines	B737	Pending Review
11/27/2024, 11:43 PM	Delta Air Lines	A321	Pending Review
11/27/2024, 11:45 PM	Southwest Airlines	B737	Pending Review
11/27/2024, 11:46 PM	Alaska Airlines	B99M	Pending Review
11/27/2024, 11:48 PM	SkyWest Airlines	E75L	Pending Review
11/28/2024, 01:02 AM	Southwest Airlines	B88M	Pending Review
11/28/2024, 01:03 AM	SkyWest Airlines	E75L	Pending Review
11/28/2024, 01:26 AM	SkyWest Airlines	E75L	Pending Review
11/28/2024, 11:42 PM	United Airlines	B738	Pending Review
11/28/2024, 12:32 AM	Southwest Airlines	B737	Pending Review
11/28/2024, 12:47 AM	Southwest Airlines	B88M	Pending Review

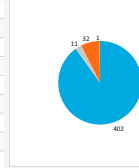
Noise Curfew Violations: Any aircraft that departs after 11:30 p.m. and before 6:30 a.m. is subject to a penalty.

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

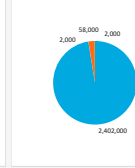
Year	Total Violations	Fines Assessed
2020	18	\$16,000
2021	52	\$204,000
2022	89	\$804,000
2023	141	\$1,004,000
2024	150	\$448,000

Airline Category
 A - Air
 C - Cargo
 G - G/A
 M - MII

Violations by Airline Category (2020 - Present)

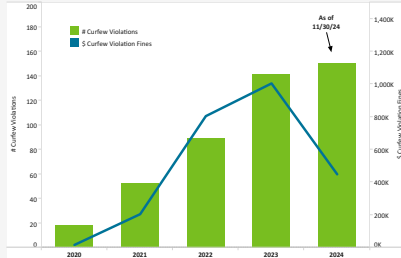


Fines Assessed by Airline Category (2020 - Present)



Airline Category	# Curfew Violations	\$ Curfew Violation Fines
A - Air	402	\$1,402,000
C - Cargo	11	\$0
G - G/A	32	\$58,000
M - MII	1	\$2,000

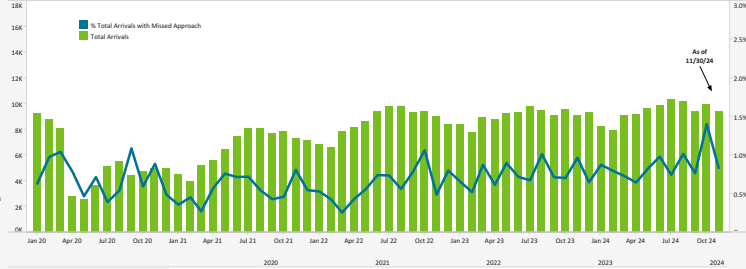
Curfew Violations and Penalties Assessed (by Year)



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MISSED APPROACH STATISTICS

Total Arrivals Compared to (%) of Missed Approaches



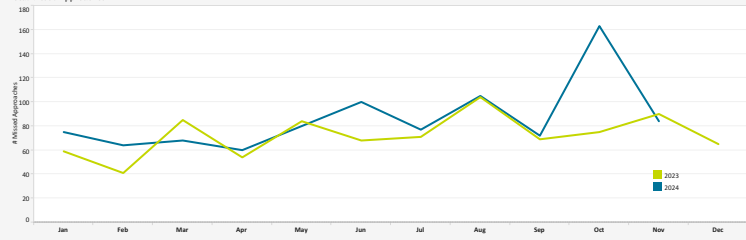
Missed Approaches: A procedure to maintain safety, initiated by the pilot or Air Traffic Control (ATC) for a pilot to abandon the approach to landing.

	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	102,964
Total Missed Approaches	508	470	668	865	948

Missed Approach Location Statistics

	Sep		Oct		Nov			Sep	Oct	Nov
	Day	Night	Day	Night	Day	Night				
Between Noise Dot #1 - Noise Dot #2	0	0	0	1	1	0	Between 240°-290° Heading (Standard)	43	42	40
Between Noise Dot #2 - IETI	19	5	17	2	18	1	East of Airport	7	95	25
Between IETI - Noise Dot #3	18	1	21	1	15	5	Left of 260°	16	22	13
Between Noise Dot #3 - Noise Dot #4	14	0	17	1	8	1	Right of 290°	4	4	3
Between Noise Dot #4 - Noise Dot #5	2	0	3	1	4	0				

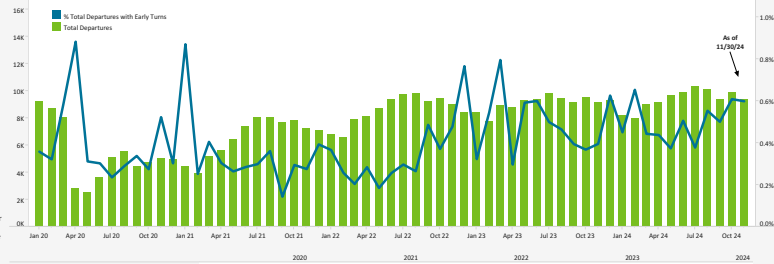
Total Missed Approaches



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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.

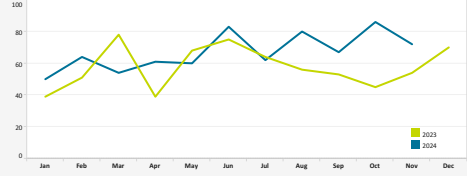
Total Early Turns	321	329	504	692	739
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Departure Statistics

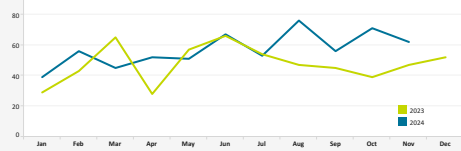
	Sep	Oct	Nov		Sep	Oct	Nov
Jets Turning Left	4,651	4,850	4,628	Caused by ATC Vectors	61	74	70
Between 22000 and Noise Dots	794	905	550	Caused by Pilot Deviation	1	0	0
Compliant with Nighttime departure Heading (297)	471	476	438	Caused by Weather	5	12	1
Not Nighttime Compliant - Over La Jolla	40	53	63				
Not Nighttime Compliant - East	0	61	0				
Not Nighttime Compliant - Straight Out	1	10	8				

Cause of Early Turns

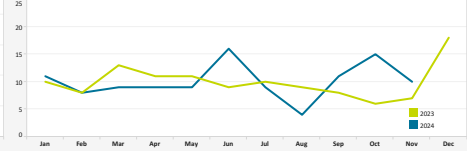
Total Early Turns



Over Point Loma



Over Mission Beach



Early Turns by Operator (November 2024)

Airline	Left Early Turns	Total Operator Departures	% Departures with Left Early Turns
Southwest Airlines	12	5,535	0.2%
Alaska Airlines	6	1,883	0.3%
United Airlines	9	1,747	0.5%
Delta Air Lines	11	1,583	0.7%
American Airlines	11	1,486	0.7%
General Aviation	4	648	0.6%
Frontier Airlines	2	594	0.3%
Norwest	3	353	0.8%
Fuelix Express	1	169	0.6%
Critson Air	1	47	2.1%
Westjet	1	44	2.3%
AIRCRAFT MERGERS INC	1	6	16.7%

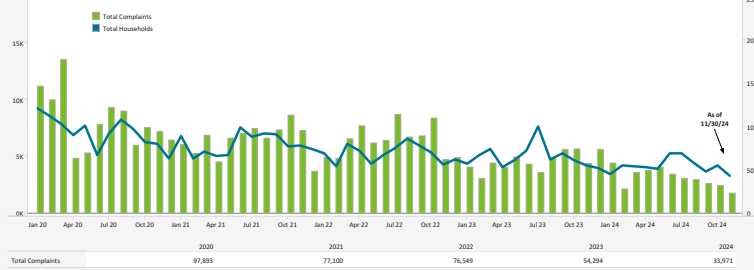
Early Turns by Operator (November 2024)

Airline	Right Early Turns	Total Operator Departures	% Departures with Right Early Turns
Southwest Airlines	2	5,535	0.0%
Delta Air Lines	1	1,583	0.1%
General Aviation	2	648	0.3%
Norwest	1	353	0.3%
Flairjet	2	146	1.4%
Casino Aircraft Company	1	4	25.0%
BRAVO PARTNERS LLC	1	1	100.0%

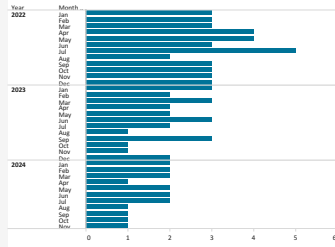
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NOISE COMPLAINT STATISTICS

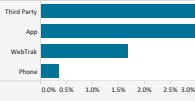
Total Complaints Compared to Total Households



Number of Households with 500+ Complaints per Month



Complaints by Contact Method



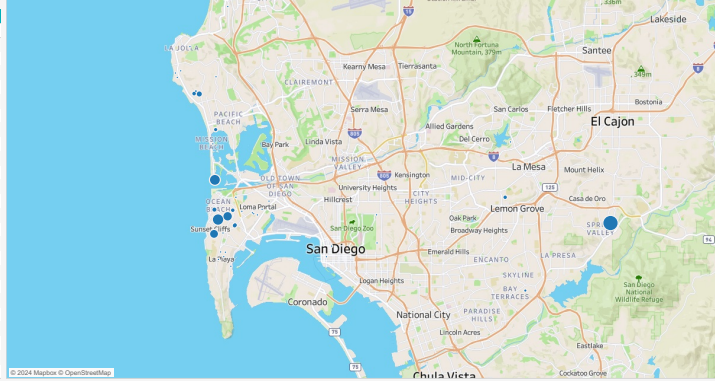
Disturbance Type

Disturbance Type	# Complaints	% Total
Too Loud	1,596	92.3%
Overflight	113	6.5%
Curfew Violation	10	0.6%
Suspected Off Course	5	0.3%
Other	2	0.1%
Tree Line	2	0.1%
Off Course	1	0.1%

Number of Complaints by Neighborhood (November 2024)

Neighborhood	Total Complaints	Total Households
Grand Total	1,729	43
Point Loma Heights	542	7
Spring Valley	514	1
Mission Beach	200	3
Sunset Cliffs	156	2
Muirlands	63	1
Ocean Beach	41	1
Bird Rock	39	2
La Mesa	30	2
Pacific Beach	25	1
Del Mar	21	1
Bay Terrace	11	1
Loma Portola	9	5
Woodland Area	6	4
Beach Barber Tract	5	2
Del Mar Heights	5	1
Lower Hemetia	2	1
South Park	2	1
Villages of La Jolla	2	1
Downtown S.D.	1	1
La Jolla Alta	1	1
La Jolla Heights	1	1
La Playa	1	1
Marina	1	1
North Park	1	1

Location of Complaints



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