QUIETER HOME PROGRAM

SAN DIEGO
INTERNATIONAL AIRPORT
LET'S GO.

QNRP: Quieter Non-Residential Program

Quieter Home Program As Of: 2/28/2023

| Status of Homes	
Added this Month	5
Homes Completed this Month	35
Estimated Homes to Complete in CY 2023	400
Homes on Wait List	511
Total Homes Completed	5,204
Amount Spent on Multi-Family Units (USD) this Month	25,608

Project	Estimated Construction Start	# Homes
11.4 (QNRP)	In Process	1
11.7	In Process	53
11.8	In Process	112
11.9	In Process	32
11.10	In Process	142
11.11	Spring 2023	48
11.12	In Process	52
12.1	Summer 2023	33
12.2	Spring 2023	35
12.3	Summer 2023	37
12.4 (QNRP)	Winter 2024	3
12.5 (QNRP)	Spring 2024	3
12.6	Fall 2023	62
12.7	Fall 2023	35
12.8	Winter 2023	12
12.9	Spring 2024	41
12.10	Winter 2024	39
12.11	Spring 2024	25
12.12	Summer 2024	40
13.1	Summer 2024	43

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

Legend: Money Spent, Units Completed. As of 2/28/23
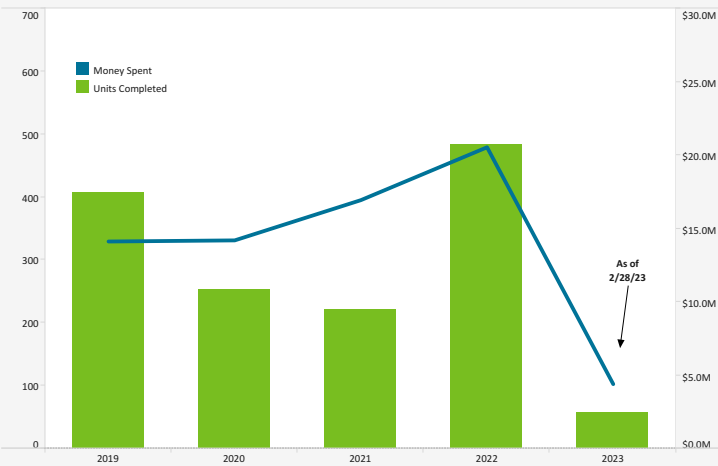
Program Boundary Maps
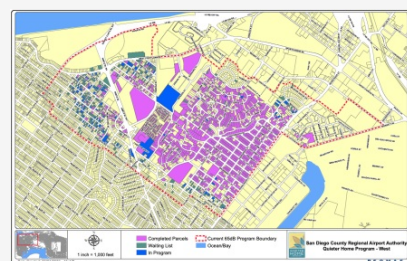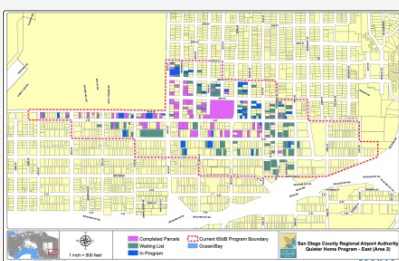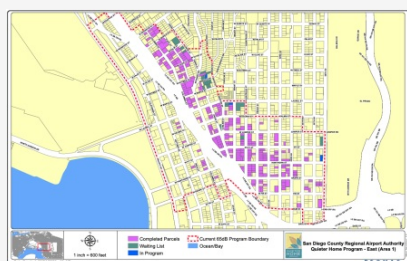
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CURFEW VIOLATIONS

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

Curfew Violations (January - February 2023)

Date, Time	Airline	Aircraft Type	Status
1/1/2023, 11:33 PM	Alaska Airlines	B739	Pending Review
1/1/2023, 12:06 AM	jetBlue Airways	A320	Pending Review
1/2/2023, 11:52 PM	Alaska Airlines	B739	Pending Review
1/2/2023, 12:35 AM	jetBlue Airways	A321	Pending Review
1/3/2023, 11:30 PM	United Airlines	B737	Pending Review
1/3/2023, 11:32 PM	American Airlines	A321	Pending Review
1/3/2023, 11:35 PM	FedEx	B752	Pending Review
1/3/2023, 11:38 PM	Alaska Airlines	B739	Pending Review
1/3/2023, 11:40 PM	Delta Air Lines	A21N	Pending Review
1/3/2023, 11:55 PM	American Airlines	A321	Pending Review
1/3/2023, 12:25 AM	Alaska Airlines	B739	Pending Review
1/4/2023, 12:26 AM	Alaska Airlines	B738	Pending Review
1/7/2023, 11:33 PM	Delta Air Lines	B738	Pending Review
1/15/2023, 12:13 AM	jetBlue Airways	A321	Pending Review
1/23/2023, 12:18 AM	United Airlines	A320	Pending Review
1/24/2023, 01:33 AM	FedEx	B752	Pending Review
2/4/2023, 01:48 AM	American Airlines	A21N	Pending Review
2/9/2023, 12:44 AM	American Airlines	A21N	Pending Review
2/18/2023, 11:56 PM	Frontier Airlines	A20N	Pending Review
2/20/2023, 12:17 AM	Frontier Airlines	A20N	Pending Review
2/21/2023, 12:04 AM	Frontier Airlines	A320	Pending Review
2/22/2023, 12:27 AM	jetBlue Airways	A320	Pending Review
2/23/2023, 11:48 PM	Delta Air Lines	B738	Pending Review
2/24/2023, 11:30 PM	Alaska Airlines	B739	Pending Review
2/24/2023, 11:33 PM	Frontier Airlines	A20N	Pending Review
2/24/2023, 11:34 PM	SkyWest Airlines	E170	Pending Review
2/25/2023, 11:31 PM	Frontier Airlines	A20N	Pending Review
2/25/2023, 11:43 PM	Spirit Airlines	A20N	Pending Review
2/25/2023, 11:51 PM	jetBlue Airways	A320	Pending Review
2/25/2023, 12:01 AM	jetBlue Airways	A320	Pending Review
2/25/2023, 12:22 AM	Frontier Airlines	A20N	Pending Review
2/26/2023, 11:41 PM	Frontier Airlines	A20N	Pending Review
2/27/2023, 11:47 PM	jetBlue Airways	A320	Pending Review

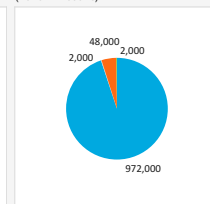### Annual Violations and Penalties Assessed (Year-to-Date)

Year	Total Violations	Fines Assessed
2019	46	$132,000
2020	18	$16,000
2021	52	$204,000
2022	89	$804,000
2023	33	$0

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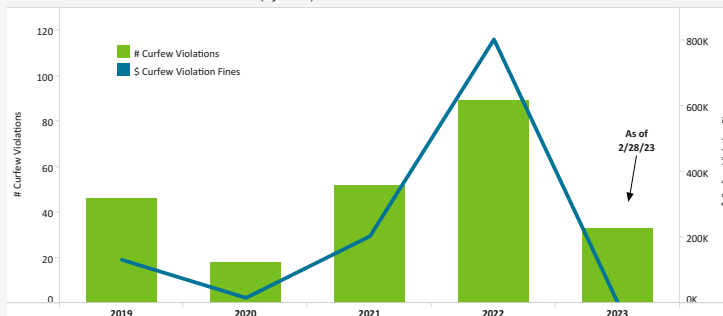- G - G/A
- M - Mil

Violations by Airline Category (2020 - Present)
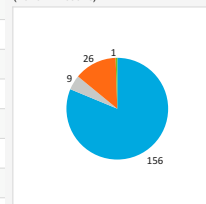
Fines Assessed by Airline Category (2020 - Present)

Airline Category	# Curfew Violations	$ Curfew Violation Fines
A - Air	156	$972,000
C - Cargo	9	$2,000
G - G/A	26	$48,000
M - Mil	1	$2,000

Curfew Violations and Penalties Assessed (by Year)

As of 2/28/23

MISSED APPROACH STATISTICS

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.

Total Arrivals Compared to (%) of Missed Approaches

As of 2/28/23

	2019	2020	2021	2022	2023
% Total Arrivals with Missed Approach	0.8%	0.7%	0.6%	0.6%	0.6%
Total Arrivals	114,193	64,576	79,016	102,974	16,056
Total Missed Approaches	895	508	470	668	100

Missed Approach Location Statistics

	Dec Day	Dec Night	Jan Day	Jan Night	Feb Day	Feb Night
Between Noise Dot #1 - Noise Dot #2	0	0	1	0	1	3
Between Noise Dot #2 - JETTI	19	5	26	2	12	1
Between JETTI - Noise Dot #3	17	2	8	2	7	2
Between Noise Dot #3 - Noise Dot #4	6	1	7	1	7	0
Between Noise Dot #4 - Noise Dot #5	1	0	1	0	1	0

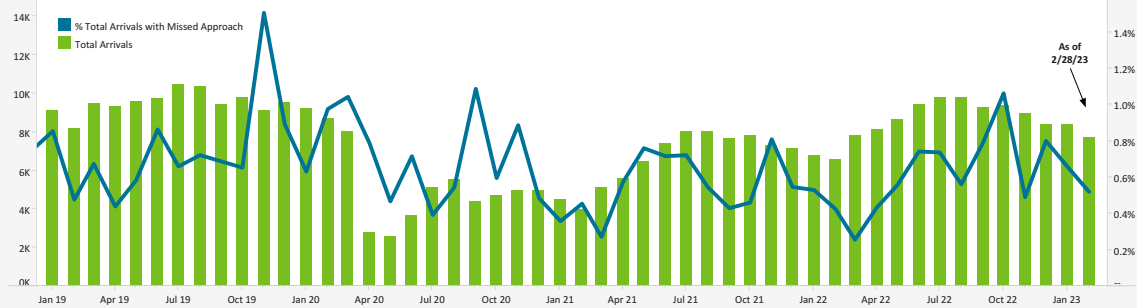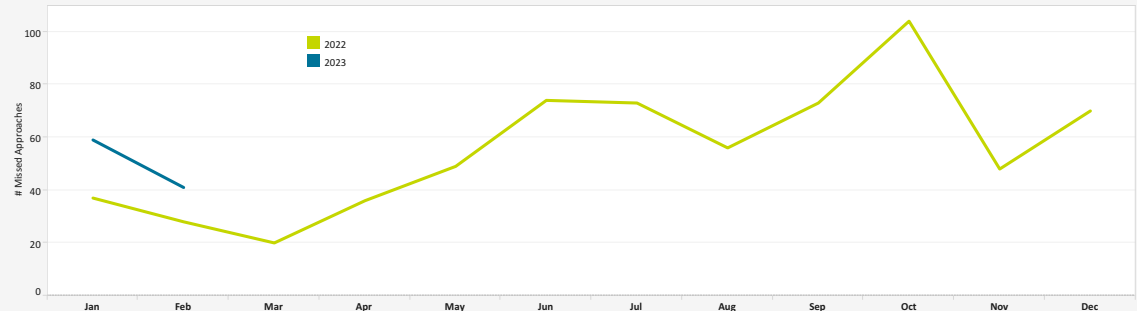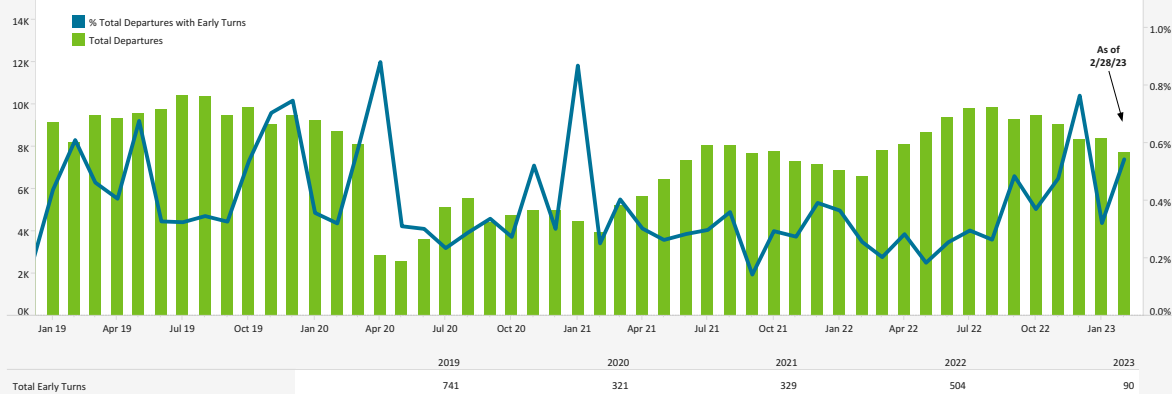|	Dec	Jan	Feb
Between 265°-295° Heading (Standard)	43	39	26
East of Airport	15	7	5
Left of 265°	11	9	8
Right of 295°	1	3	1

Total Missed Approaches

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EARLY TURN STATISTICS

Total Departures Compared to (%) of Early Turns

- % Total Departures with Early Turns
- Total Departures

As of 2/28/23

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.

	2019	2020	2021	2022	2023
Total Early Turns	741	321	329	504	90

Departure Statistics

	Dec	Jan	Feb
Jets Turning Left	4,080	3,534	3,635
Between ZZ000 and Noise Dots	616	510	576
Compliant with Nighttime departure Heading (290°)	440	341	335
Not Nighttime Compliant - Over La Jolla	54	17	12
Not Nighttime Compliant - Straight Out	4	1	1
Not Nighttime Compliant - East	3	37	21

Cause of Early Turns

	Dec	Jan	Feb
Caused by ATC Vectors	64	38	50
Caused by Pilot Deviation	3	1	1
Caused by Weather	8	0	0
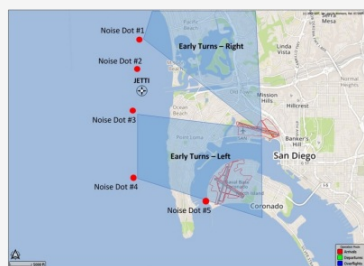
Total Early Turns

Over Point Loma
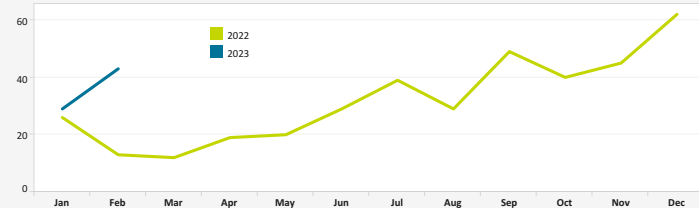
Over Mission Beach

Early Turns by Operator (February 2023)

Airline	Left Early Turns	Total Operator Departures	% Departures with Left Early Turns
Southwest Airlines	10	5,068	0.2%
SkyWest Airlines	2	1,414	0.1%
Delta Air Lines	5	1,250	0.4%
United Airlines	4	1,245	0.3%
American Airlines	7	1,209	0.6%
General Aviation	8	689	1.2%
Spirit Airlines	1	309	0.3%
Frontier Airlines	1	303	0.3%
NetJets	1	299	0.3%
DELUX PUBLIC CHARTER LLC	1	82	1.2%
CITATION 0245 LLC	1	6	16.7%
DCS AVIATION LLC	1	5	20.0%
N550WR LLC	1	2	50.0%

Early Turns by Operator (February 2023)

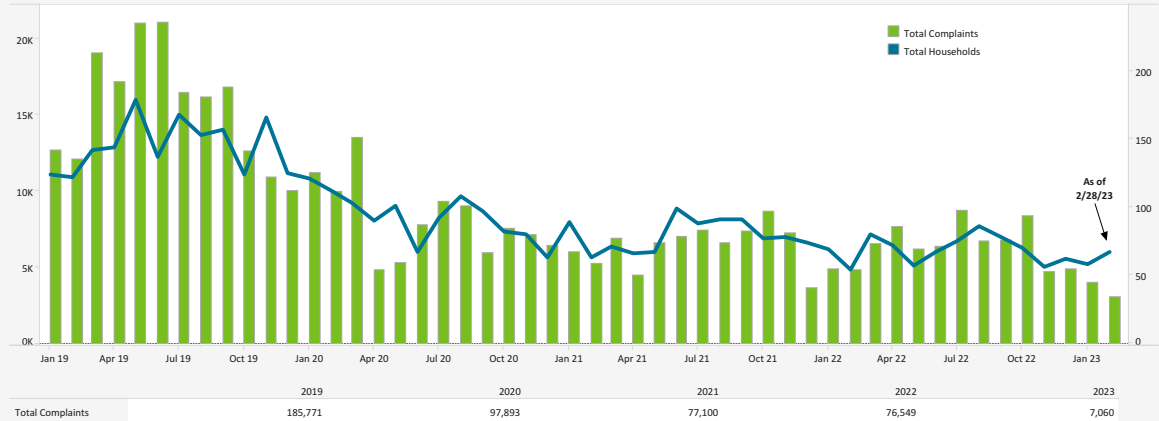| Airline	Right Early Turns	Total Operator Departures	% Departures with Right Early Turns
United Airlines	1	1,245	0.1%
General Aviation	4	689	0.6%
Frontier Airlines	1	303	0.3%
NetJets	2	299	0.7%

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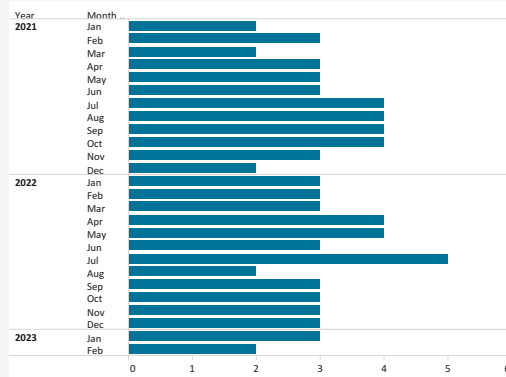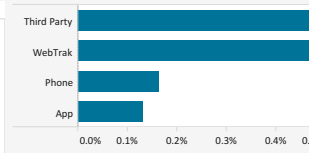
NOISE COMPLAINT STATISTICS

SAN DIEGO INTERNATIONAL AIRPORT LET'S GO.

The Authority reports all complaints.

Total Complaints Compared to Total Households

Legend: Total Complaints, Total Households

As of 2/28/23

	2019	2020	2021	2022	2023
Total Complaints	185,771	97,893	77,100	76,549	7,060

Number of Households with 500+ Complaints per Month

Year	Month
2021	Jan
	Feb
	Mar
	Apr
	May
	Jun
	Jul
	Aug
	Sep
	Oct
	Nov
	Dec
2022	Jan
	Feb
	Mar
	Apr
	May
	Jun
	Jul
	Aug
	Sep
	Oct
	Nov
	Dec
2023	Jan
	Feb

Complaints by Contact Method

Third Party, WebTrak, Phone, App

Disturbance Type

Disturbance Type	# Complaints	% Total
Too Loud	3,012	98.9%
Curfew Violation	21	0.7%
Suspected Off Course	7	0.2%
Increased Flight Volu..	1	0.0%
Overflight	1	0.0%
Pollution	1	0.0%
Too Low	1	0.0%

Number of Complaints by Neighborhood (February 2023)

Neighborhood	Total Complaints	Total Households
Grand Total	3,044	67
Mission Beach	1,041	2
Point Loma Heights	940	10
Spring Valley	449	1
Sunset Cliffs	93	4
Del Mar	89	1
Bird Rock	77	4
Muirlands	67	1
Pacific Beach	57	1
La Jolla Heights	50	2
Loma Portal	50	9
Bay Terraces	42	1
Ocean Beach	29	6
Roseville-Fleet Ridge	9	3
La Jolla Mesa	7	1
Bankers Hill	6	1
Del Mar Heights	6	1
Wooded Area	6	4
La Mesa	5	2
Casa De Oro-Mount Helix	3	1
Lower Hermosa	3	1
South Park	3	2
Beach Barber Tract	2	1
La Playa	2	1
Laguna Niguel	2	1
Golden Hill	1	1
La Jolla Village	1	1
La Presa	1	1
Old Town	1	1
Rancho Mirage	1	1
University City	1	1

Location of Complaints

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