QUIETER HOME PROGRAM

Quieter Home Program As Of: 8/31/2023

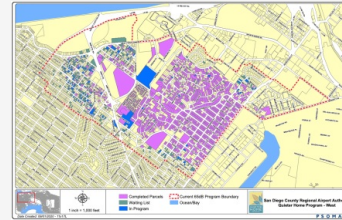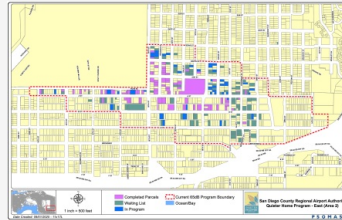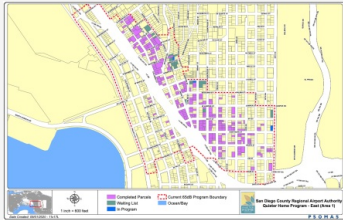| Status of Homes	
Added this Month	2
Homes Completed this Month	36
Estimated Homes to Complete in CY 2023	400
Homes on Wait List	452
Total Homes Completed	5,483
Amount Spent on Multi-Family Units (USD) this Month	335,396

SAN DIEGO INTERNATIONAL AIRPORT
LET'S **GO.**

QNRP: Quieter Non-Residential Program

Project	Estimated Construction Start	# Homes
11.11	In Process	48
12.1	In Process	33
12.2	In Process	35
12.3	In Process	37
12.4 (QNRP)	Winter 2024	3
12.5 (QNRP)	Summer 2024	3
12.6	In Process	62
12.7	Fall 2023	37
12.8	Winter 2023	12
12.9	Spring 2024	36
12.10	Winter 2024	34
12.11	Spring 2024	25
12.12	Spring 2024	29
13.1	Summer 2024	30
13.2	Summer 2024	27
13.3	Fall 2024	32
13.4	Fall 2024	26
13.5	Winter 2024	48
13.6	Winter 2025	41
13.7	Winter 2025	28

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

Legend: Money Spent (blue line), Units Completed (green bars)
As of 8/31/23

Program Boundary Maps

CURFEW VIOLATIONS

SAN DIEGO INTERNATIONAL AIRPORT
LET'S GO.

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 (July - August 2023)

| Date, Time	Airline	Aircraft Type	Status
7/4/2023, 11:30 PM	American Airlines	A321	Not Fined
7/4/2023, 12:14 AM	American Airlines	A321	Not Fined
7/7/2023, 11:36 PM	Delta Air Lines	A21N	FINED - $6,000
7/10/2023, 01:58 AM	American Airlines	A21N	Not Fined
7/11/2023, 11:57 PM	Delta Air Lines	A320	FINED - $18,000
7/12/2023, 12:02 AM	Delta Air Lines	A321	Not Fined
7/14/2023, 11:53 PM	American Airlines	A321	Not Fined
7/16/2023, 11:44 PM	Alaska Airlines	B738	FINED - $2,000
7/16/2023, 12:17 AM	jetBlue Airways	A320	FINED - $12,000
7/17/2023, 12:12 AM	Delta Air Lines	A21N	FINED - $30,000
7/20/2023, 11:47 PM	Delta Air Lines	A321	FINED - $30,000
7/22/2023, 11:48 PM	Delta Air Lines	A321	FINED - $30,000
7/24/2023, 11:58 PM	Delta Air Lines	A321	Not Fined
8/14/2023, 12:23 AM	SkyWest Airlines	E75L	Not Fined

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

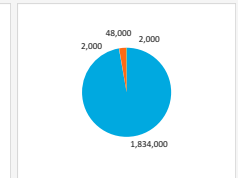| Year	Total Violations	Fines Assessed
2019	46	$132,000
2020	18	$16,000
2021	52	$204,000
2022	89	$804,000
2023	111	$864,000

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

Violations by Airline Category (2020 - Present)

237, 26, 10, 1
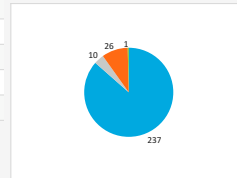
Fines Assessed by Airline Category (2020 - Present)

1,834,000, 48,000, 2,000, 2,000

Airline Category	# Curfew Violations	$ Curfew Violation Fines
A - Air	237	$1,834,000
C - Cargo	10	$2,000
G - G/A	26	$48,000
M - Mil	1	$2,000

Curfew Violations and Penalties Assessed (by Year)

As of 8/31/23

- # Curfew Violations
- $ Curfew Violation Fines

MISSED APPROACH STATISTICS

SAN DIEGO INTERNATIONAL AIRPORT LET'S GO.

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 8/31/23

	2019	2020	2021	2022	2023
% Total Arrivals with Missed Approach	0.8%	0.7%	0.6%	0.6%	0.8%
Total Arrivals	114,193	64,576	79,016	102,974	71,576
Total Missed Approaches	895	508	470	668	566

Missed Approach Location Statistics

	Jun Day	Jun Night	Jul Day	Jul Night	Aug Day	Aug Night
Between Noise Dot #1 - Noise Dot #2	0	0	1	2	0	0
Between Noise Dot #2 - JETTI	15	3	22	2	27	6
Between JETTI - Noise Dot #3	13	1	18	4	29	1
Between Noise Dot #3 - Noise Dot #4	12	1	10	0	8	0
Between Noise Dot #4 - Noise Dot #5	1	0	2	0	0	0

	Jun	Jul	Aug
Between 265°-295° Heading (Standard)	32	49	64
East of Airport	16	6	29
Left of 265°	14	12	8
Right of 295°	5	3	4

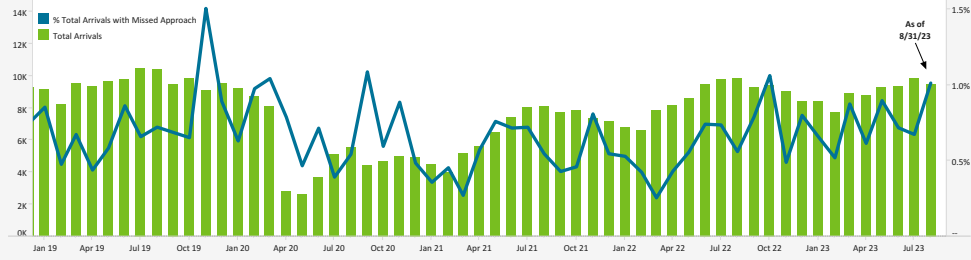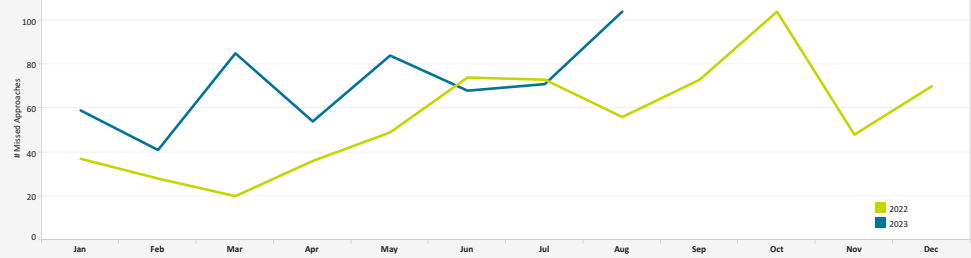### Total Missed Approaches

Data Disclaimer: We do our best to ensure that the data we release is complete, accurate and useful. However, because we do not create the data, and because the processing required to make the data useful is complex, we are not liable for omissions, inaccuracies or changes in the data.

EARLY TURN STATISTICS

Total Departures Compared to (%) of Early Turns

- % Total Departures with Early Turns
- Total Departures

As of 8/31/23

	2019	2020	2021	2022	2023
Total Early Turns	741	321	329	504	470

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.
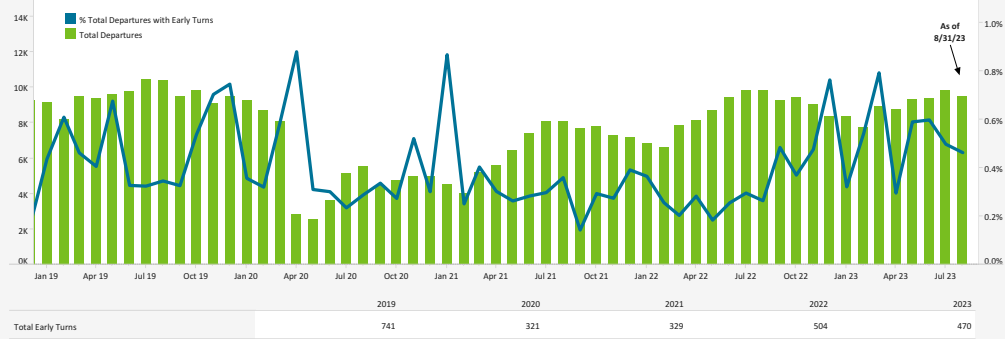
Departure Statistics

	Jun	Jul	Aug
Jets Turning Left	4,684	4,823	4,680
Between ZZ000 and Noise Dots	546	468	637
Compliant with Nighttime departure Heading (290°)	583	535	464
Not Nighttime Compliant - Over La Jolla	42	37	23
Not Nighttime Compliant - Straight Out	7	5	2
Not Nighttime Compliant - East	0	1	17

Cause of Early Turns

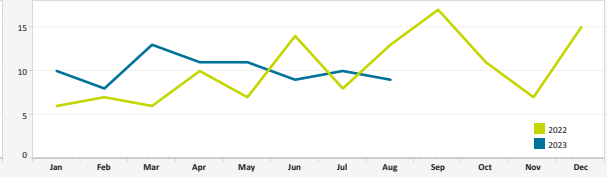|	Jun	Jul	Aug
Caused by ATC Vectors	74	60	53
Caused by Pilot Deviation	0	2	1
Caused by Weather	1	1	2

Total Early Turns
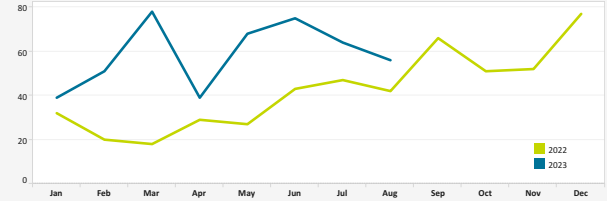
Over Point Loma
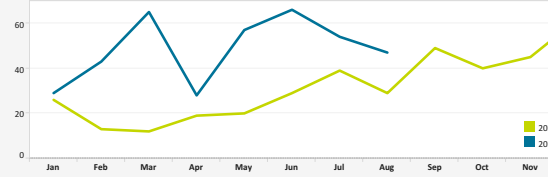
Over Mission Beach

Early Turns by Operator (August 2023)

Airline	Left Early Turns	Total Operator Departures	% Departures with Left Early Turns
Southwest Airlines	8	5,925	0.1%
United Airlines	9	1,920	0.5%
Alaska Airlines	3	1,700	0.2%
Delta Air Lines	8	1,675	0.5%
American Airlines	7	1,568	0.4%
General Aviation	2	705	0.3%
Frontier Airlines	2	459	0.4%
NetJets	1	380	0.3%
jetBlue Airways	1	308	0.3%
Air Canada	1	168	0.6%
Allegiant Air	1	94	1.1%
Corporate Flight International	1	14	7.1%
Schubach Aviation Inc	1	4	25.0%
TOP CAPITAL LLC	1	2	50.0%
American Air Charter Inc (MO)	1	2	50.0%

Early Turns by Operator (August 2023)

Airline	Right Early Turns	Total Operator Departures	% Departures with Right Early Turns
Southwest Airlines	1	5,925	0.0%
Delta Air Lines	1	1,675	0.1%
American Airlines	1	1,568	0.1%
Jazz	1	121	0.8%
Atkin Air LLC	1	6	16.7%
Pecos Aircraft Sales & Leasing LLC	1	4	25.0%
JITTERBUG LLC	1	2	50.0%
GAMMA2 INC	1	2	50.0%
ESPINOSA ARNULFO B	1	2	50.0%

NOISE COMPLAINT STATISTICS

Total Complaints Compared to Total Households

Legend: Total Complaints, Total Households

As of 8/31/23
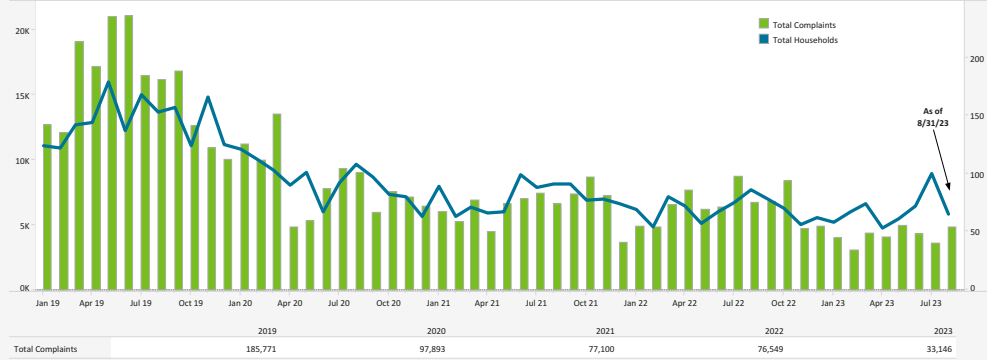
The Authority reports all complaints.

	2019	2020	2021	2022	2023
Total Complaints	185,771	97,893	77,100	76,549	33,146

Number of Households with 500+ Complaints per Month

Complaints by Contact Method
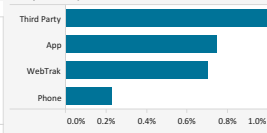
Disturbance Type

Disturbance Type	# Complaints	% Total
Too Loud	4,784	98.9%
Overflight	20	0.4%
Curfew Violation	18	0.4%
Too Low	6	0.1%
Suspected Off Course	4	0.1%
Off Course	2	0.0%
Increased Flight Volume	1	0.0%

Number of Complaints by Neighborhood (August 2023)

Neighborhood	Total Complaints	Total Households
Grand Total	4,835	65
Mission Beach	2,891	1
Sunset Cliffs	520	4
Point Loma Heights	377	10
Spring Valley	349	1
La Jolla Heights	250	2
Ocean Beach	132	4
Muirlands	60	2
Pacific Beach	55	4
Loma Portal	41	5
Bird Rock	40	3
Beach Barber Tract	37	3
La Jolla Shores	16	1
Wooded Area	14	5
La Mesa	10	1
Roseville-Fleet Ridge	7	2
Bankers Hill	6	2
Del Mar	5	1
La Playa	5	2
Del Mar Heights	4	1
Bay Terraces	3	1
South Park	3	1
La Jolla Alta	2	1
University City	2	2
Bay Ho	1	1
Carmel Valley	1	1
Hillcrest	1	1
La Jolla Mesa	1	1
Liberty Station	1	1
Lower Hermosa	1	1

Location of Complaints

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Data Disclaimer: We do our best to ensure that the data we release is complete, accurate and useful. However, because we do not create the data, and because the processing required to make the data useful is complex, we are not l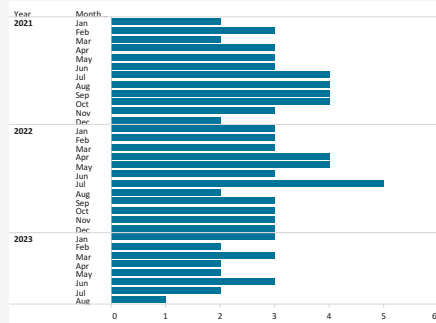iable for omissions, inaccuracies or changes in the data.