

QUIETER HOME PROGRAM



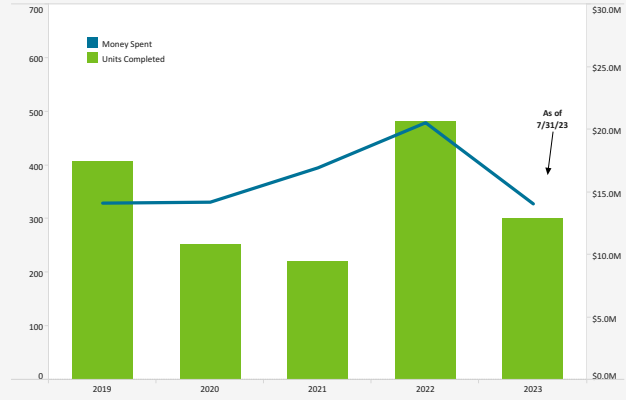
Quieter Home Program As Of: 7/31/2023

Status of Homes	
Added this Month	7
Homes Completed this Month	52
Estimated Homes to Complete in CY 2023	400
Homes on Wait List	458
Total Homes Completed	5,447
Amount Spent on Multi-Family Units (USD) this Month	404,231

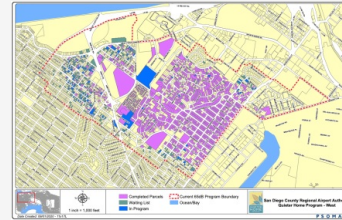
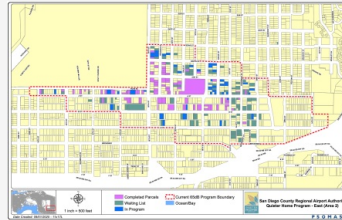
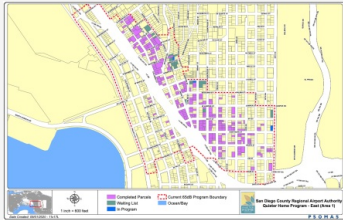
Project	Estimated Construction Start	# Homes
11.10	In Process	142
11.11	In Process	48
11.12	In Process	52
12.1	In Process	33
12.2	In Process	35
12.3	Summer 2023	37
12.4 (QNRP)	Winter 2024	3
12.5 (QNRP)	Summer 2024	3
12.6	Summer 2023	62
12.7	Fall 2023	35
12.8	Winter 2023	12
12.9	Spring 2024	36
12.10	Winter 2024	39
12.11	Spring 2024	25
12.12	Spring 2024	29
13.1	Summer 2024	30
13.2	Summer 2024	38
13.3	Fall 2024	45
13.4	Fall 2024	26
13.5	Winter 2024	33
13.6	Winter 2025	40

QNRP: Quieter Non-Residential Program

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



Program Boundary Maps



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.

CURFEW VIOLATIONS



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 (June - July 2023)

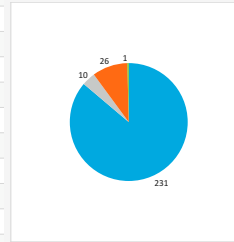
Date, Time	Airline	Aircraft Type	Status
6/4/2023, 12:14 AM	Air Canada	B38M	FINED - \$2,000
6/6/2023, 11:45 PM	American Airlines	A21N	Not Fined
6/6/2023, 11:47 PM	FedEx Express	B763	Not Fined
6/18/2023, 01:07 AM	Air Canada	B38M	FINED - \$6,000
6/20/2023, 11:56 PM	Delta Air Lines	A321	FINED - \$6,000
6/20/2023, 12:24 AM	Air Canada	B38M	FINED - \$10,000
6/22/2023, 12:12 AM	United Airlines	A320	Not Fined
6/23/2023, 11:59 PM	Air Canada	B38M	FINED - \$10,000
6/24/2023, 11:57 PM	United Airlines	B738	Not Fined
6/25/2023, 11:32 PM	Delta Air Lines	A321	FINED - \$10,000
6/26/2023, 02:13 AM	Air Canada	B38M	FINED - \$10,000
6/26/2023, 11:32 PM	United Airlines	B739	FINED - \$6,000
6/26/2023, 11:50 PM	Air Canada	B38M	FINED - \$10,000
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	Pending Review
7/10/2023, 01:58 AM	American Airlines	A21N	Pending Review
7/11/2023, 11:57 PM	Delta Air Lines	A320	Pending Review
7/12/2023, 12:02 AM	Delta Air Lines	A321	Pending Review
7/14/2023, 11:53 PM	American Airlines	A321	Pending Review
7/16/2023, 11:44 PM	Alaska Airlines	B738	Pending Review
7/16/2023, 12:17 AM	JetBlue Airways	A320	Pending Review
7/17/2023, 12:12 AM	Delta Air Lines	A21N	Pending Review
7/20/2023, 11:47 PM	Delta Air Lines	A321	Pending Review
7/22/2023, 11:48 PM	Delta Air Lines	A321	Pending Review
7/24/2023, 11:58 PM	Delta Air Lines	A321	Pending Review

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

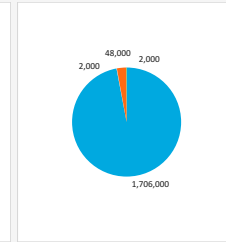
Year	Total Violations	Fines Assessed
2019	46	\$132,000
2020	18	\$16,000
2021	52	\$204,000
2022	89	\$804,000
2023	110	\$736,000

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

Violations by Airline Category (2020 - Present)

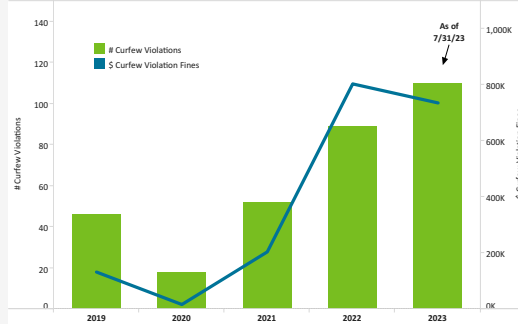


Fines Assessed by Airline Category (2020 - Present)



Airline Category	# Curfew Violations	\$ Curfew Violation Fines
A - Air	231	\$1,706,000
C - Cargo	10	\$2,000
G - G/A	26	\$48,000
M - Mil	1	\$2,000

Curfew Violations and Penalties Assessed (by Year)



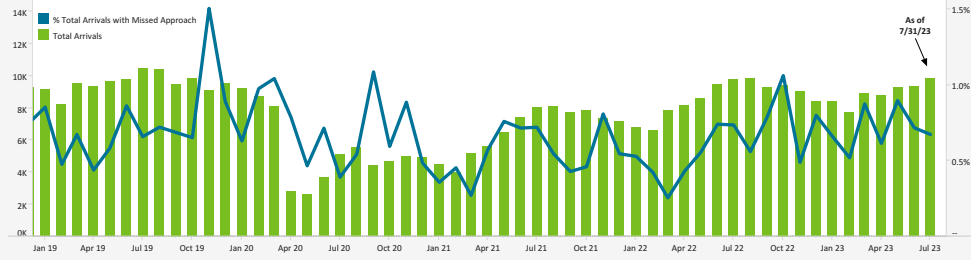
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MISSED APPROACH STATISTICS



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

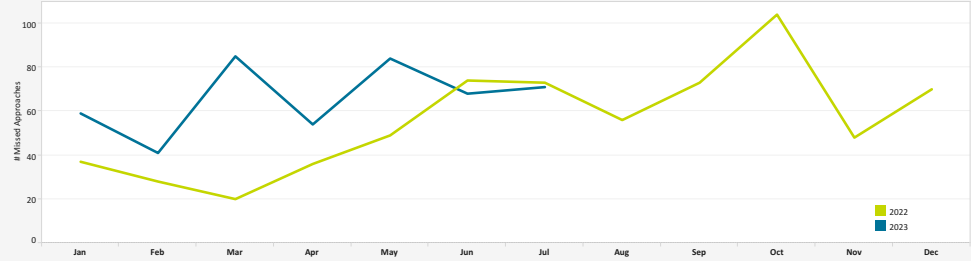


	2019	2020	2021	2022	2023
% Total Arrivals with Missed Approach	0.8%	0.7%	0.6%	0.6%	0.7%
Total Arrivals	114,193	64,576	79,016	102,974	62,104
Total Missed Approaches	895	508	470	668	462

Missed Approach Location Statistics

	May		Jun		Jul			May	Jun	Jul
	Day	Night	Day	Night	Day	Night				
Between Noise Dot #1 - Noise Dot #2	0	2	0	0	1	2	Between 265°-295° Heading (Standard)	50	32	49
Between Noise Dot #2 - JETI	22	6	15	3	22	2	East of Airport	18	16	6
Between JETI - Noise Dot #3	19	1	13	1	18	4	Left of 265°	10	14	12
Between Noise Dot #3 - Noise Dot #4	7	0	12	1	10	0	Right of 295°	3	5	3
Between Noise Dot #4 - Noise Dot #5	1	0	1	0	2	0				

Total Missed Approaches



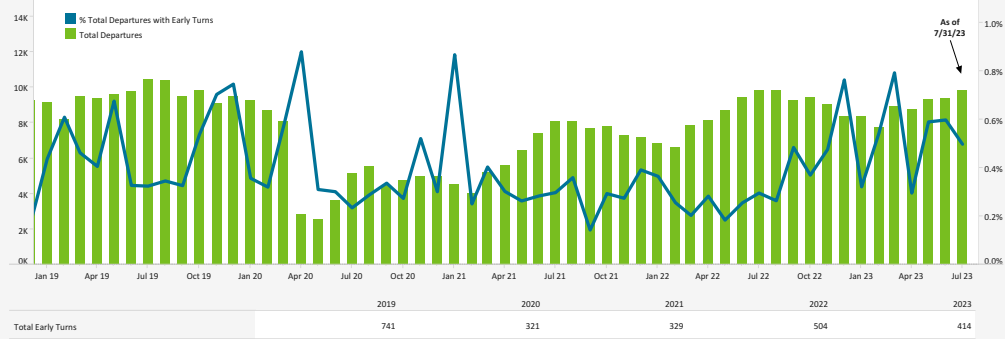
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EARLY TURN STATISTICS



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 Departures Compared to (%) of Early Turns



Departure Statistics

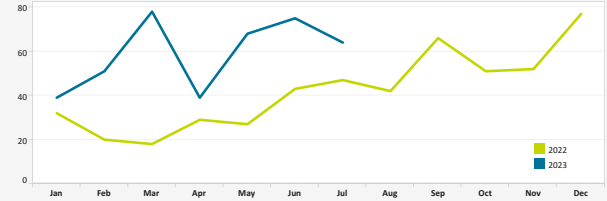
	May	Jun	Jul
Jets Turning Left	4,376	4,684	4,823
Between Z2000 and Noise Dots	700	546	468
Compliant with Nighttime departure Heading (290°)	546	583	535
Not Nighttime Compliant - Over La Jolla	22	42	37
Not Nighttime Compliant - Straight Out	4	7	5
Not Nighttime Compliant - East	0	0	1

Cause of Early Turns

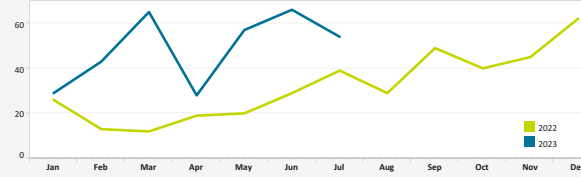
	May	Jun	Jul
Caused by ATC Vectors	67	74	60
Caused by Pilot Deviation	1	0	2
Caused by Weather	0	1	1



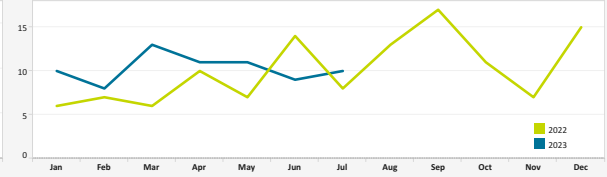
Total Early Turns



Over Point Loma



Over Mission Beach



Early Turns by Operator (July 2023)

Airline	Left Early Turns	Total Operator Departures	% Departures with Left Early Turns
Southwest Airlines	11	6,361	0.2%
United Airlines	5	1,839	0.3%
Delta Air Lines	6	1,738	0.3%
Alaska Airlines	1	1,697	0.1%
American Airlines	7	1,475	0.5%
General Aviation	6	839	0.6%
Frontier Airlines	4	467	0.9%
JetBlue Airways	1	292	0.3%
Allegiant Air	1	186	0.5%
Air Canada	5	171	2.9%
Westjet	1	62	1.6%
Aero Air LLC	1	30	3.3%
Chrysler Aviation Inc	1	25	4.0%
MLW LA PALOMA INC	1	4	25.0%
American Jet International Corp	1	4	25.0%
NAYMATION LLC	1	2	50.0%
LEAR 60-215 LLC	1	2	50.0%

Early Turns by Operator (July 2023)

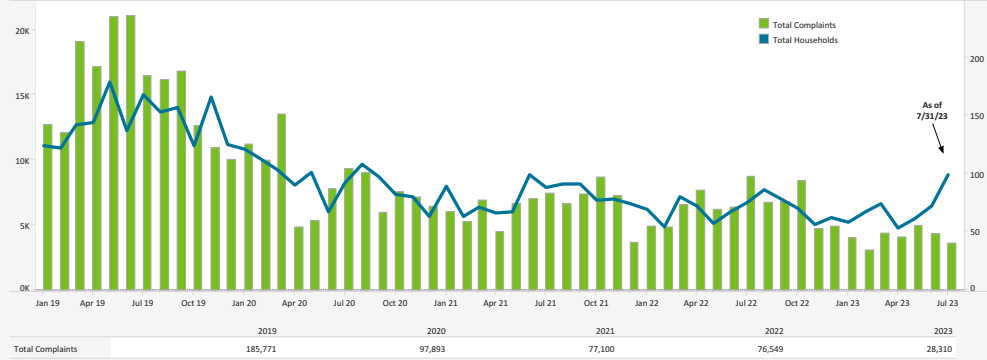
Airline	Right Early Turns	Total Operator Departures	% Departures with Right Early Turns
Southwest Airlines	1	6,361	0.0%
United Airlines	1	1,839	0.1%
SkyWest Airlines	3	1,732	0.2%
General Aviation	1	839	0.1%
Jazz	1	123	0.8%
UNITED AIRLINES INC	1	39	2.6%
Regency Air LLC	1	12	8.3%
ESPINOSA ARNULFO B	1	4	25.0%

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NOISE COMPLAINT STATISTICS

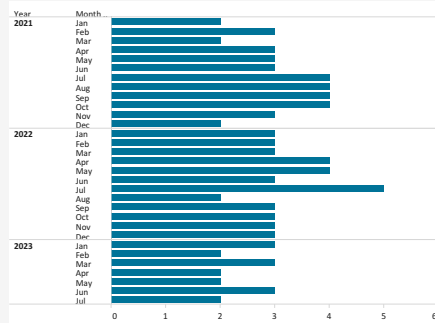


Total Complaints Compared to Total Households

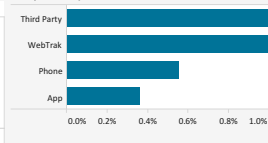


The Authority reports all complaints.

Number of Households with 500+ Complaints per Month



Complaints by Contact Method



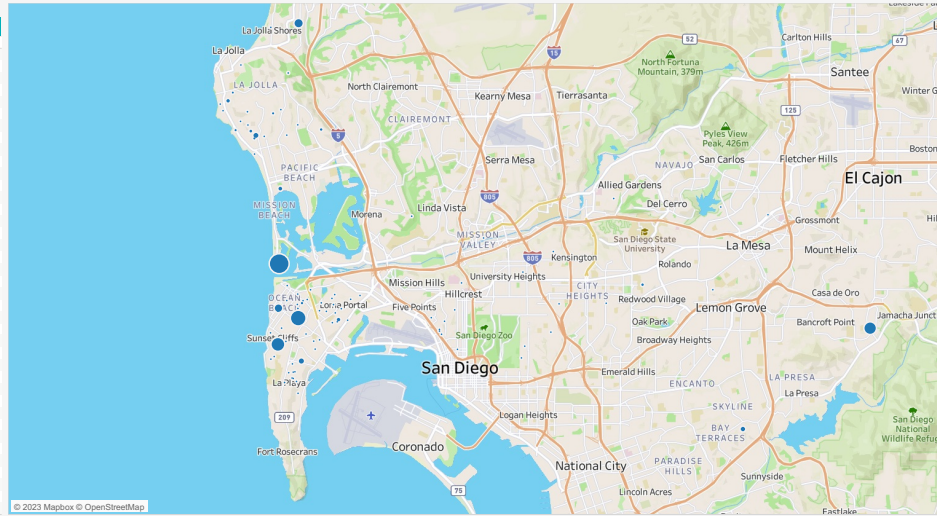
Disturbance Type

Disturbance Type	# Complaints	% Total
Too Loud	3,502	97.7%
Curfew Violation	56	1.6%
Suspected Off Course	11	0.3%
Overflight	6	0.2%
Increased Flight Volume	4	0.1%
Too Low	3	0.1%
Other	2	0.1%

Number of Complaints by Neighborhood (July 2023)

Neighborhood	Total Complaints	Total Households
Grand Total	3,584	99
Mission Beach	3,055	3
Point Loma Heights	665	11
Sunset Cliffs	553	6
Spring Valley	388	1
La Jolla Heights	196	1
Ocean Beach	175	7
Muirlands	82	3
Roseville-Fleet Ridge	82	3
Pacific Beach	59	3
Bav Terraces	58	1
Beach Barber Tract	52	3
Bind Rock	52	4
Loma Portal	52	11
El Cerrito	18	1
La Jolla Mesa	18	2
La Mesa	12	3
Wooded Area	12	6
La Playa	6	2
Del Mar Heights	5	1
La Jolla Alta	5	2
Lower Hermosa	4	1
South Park	4	2
Bankers Hill	3	2
Hillcrest	3	2
Middletown	3	3
Allied Gardens	2	1
Bay Park	2	1
La Jolla Shores	2	1
North Park	2	2
Point Loma	2	1
Soledad South	2	1
Upper Hermosa	2	1
City Heights	1	1
Fox Canyon	1	1
La Jolla Village	1	1
Middletown	1	1
Mission Valley	1	1
Normal Heights	1	1
Roseville - Fleet Ridge	1	1

Location of Complaints



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