

QUIETER HOME PROGRAM

Quieter Home Program As Of: 4/30/2023

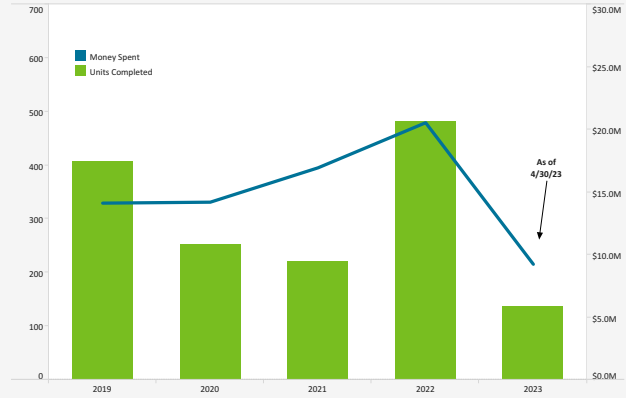


Status of Homes	
Added this Month	6
Homes Completed this Month	41
Estimated Homes to Complete in CY 2023	400
Homes on Wait List	504
Total Homes Completed	5,284
Amount Spent on Multi-Family Units (USD) this Month	388,686

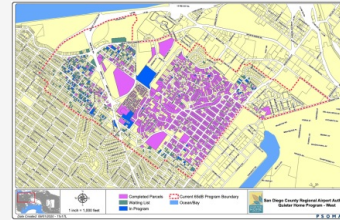
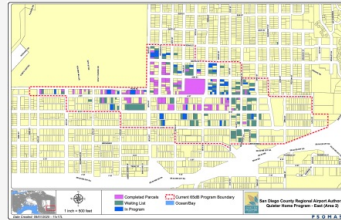
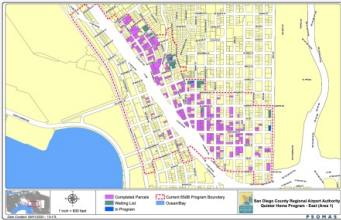
Project	Estimated Construction Start	# Homes
11.8	In Process	112
11.9	In Process	32
11.10	In Process	142
11.11	In Process	48
11.12	In Process	52
12.1	Summer 2023	33
12.2	Spring 2023	35
12.3	Summer 2023	37
12.4 (QNRP)	Winter 2024	3
12.5 (QNRP)	Summer 2024	3
12.6	Summer 2023	62
12.7	Fall 2023	35
12.8	Winter 2023	12
12.9	Spring 2024	41
12.10	Winter 2024	39
12.11	Spring 2024	25
12.12	Spring 2024	32
13.01	Summer 2024	33
13.02	Summer 2024	38
13.03	Fall 2024	45

QNRP: Quieter Non-Residential Program

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



Program Boundary Maps



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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 (March - April 2023)

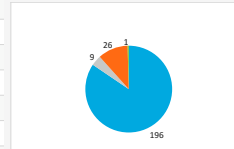
Date, Time	Airline	Aircraft Type	Status
3/1/2023, 11:54 PM	Frontier Airlines	A20N	Pending Review
3/10/2023, 11:35 PM	Frontier Airlines	A20N	Pending Review
3/10/2023, 11:41 PM	American Airlines	A21N	Pending Review
3/10/2023, 11:42 PM	Delta Air Lines	B753	Pending Review
3/10/2023, 11:48 PM	Alaska Airlines	B39M	Pending Review
3/11/2023, 11:30 PM	American Airlines	A321	Pending Review
3/11/2023, 11:32 PM	American Airlines	B738	Pending Review
3/11/2023, 11:34 PM	United Airlines	B39M	Pending Review
3/11/2023, 11:35 PM	American Airlines	A21N	Pending Review
3/11/2023, 12:05 AM	Frontier Airlines	A20N	Pending Review
3/13/2023, 12:00 AM	Delta Air Lines	A21N	Pending Review
3/13/2023, 12:01 AM	Frontier Airlines	A20N	Pending Review
3/13/2023, 12:47 AM	Delta Air Lines	B753	Pending Review
3/15/2023, 11:45 PM	Spirit Airlines	A20N	Pending Review
3/16/2023, 12:01 AM	Spirit Airlines	A320	Pending Review
3/19/2023, 11:37 PM	Alaska Airlines	B738	Pending Review
3/19/2023, 11:52 PM	United Airlines	B739	Pending Review
3/19/2023, 11:58 PM	Alaska Airlines	B39M	Pending Review
3/20/2023, 01:45 AM	jetBlue Airways	A321	Pending Review
3/20/2023, 11:39 PM	Frontier Airlines	A20N	Pending Review
3/20/2023, 12:20 AM	American Airlines	A321	Pending Review
3/20/2023, 12:22 AM	American Airlines	A21N	Pending Review
3/20/2023, 12:24 AM	jetBlue Airways	A320	Pending Review
3/20/2023, 12:25 AM	jetBlue Airways	A320	Pending Review
3/20/2023, 12:27 AM	American Airlines	A21N	Pending Review
3/22/2023, 12:49 AM	SkyWest Airlines	E75L	Pending Review
3/22/2023, 12:52 AM	Frontier Airlines	A20N	Pending Review
3/25/2023, 11:51 PM	American Airlines	A21N	Pending Review
3/29/2023, 11:57 PM	jetBlue Airways	A320	Pending Review
3/31/2023, 11:48 PM	Alaska Airlines	B739	Pending Review
3/31/2023, 12:30 AM	American Airlines	A321	Pending Review
3/31/2023, 12:32 AM	jetBlue Airways	A321	Pending Review
4/5/2023, 12:22 AM	Frontier Airlines	A20N	Pending Review
4/10/2023, 11:40 PM	Delta Air Lines	B753	Pending Review
4/10/2023, 11:47 PM	jetBlue Airways	A320	Pending Review
4/13/2023, 01:34 AM	United Airlines	A320	Pending Review
4/13/2023, 12:16 AM	Frontier Airlines	A20N	Pending Review
4/15/2023, 11:36 PM	Frontier Airlines	A20N	Pending Review
4/16/2023, 11:36 PM	jetBlue Airways	A320	Unknown
4/27/2023, 11:48 PM	Delta Air Lines	B753	Pending Review
4/28/2023, 03:58 AM	Flexjet	GLF4	Pending Review

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

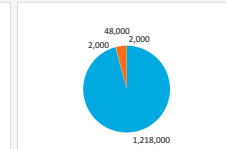
Year	Total Violations	Fines Assessed
2019	46	\$132,000
2020	18	\$16,000
2021	52	\$204,000
2022	89	\$804,000
2023	74	\$246,000

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

Violations by Airline Category (2020 - Present)

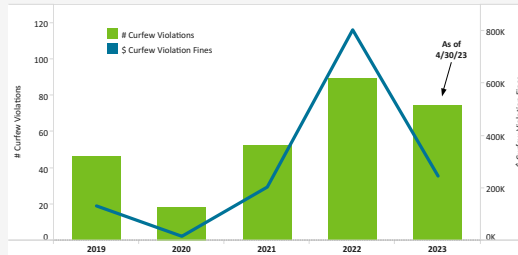


Fines Assessed by Airline Category (2020 - Present)



Airline Category	# Curfew Violations	\$ Curfew Violation Fines
A - Air	196	\$1,218,000
C - Cargo	9	\$2,000
G - G/A	26	\$48,000
M - Mil	1	\$2,000

Curfew Violations and Penalties Assessed (by Year)



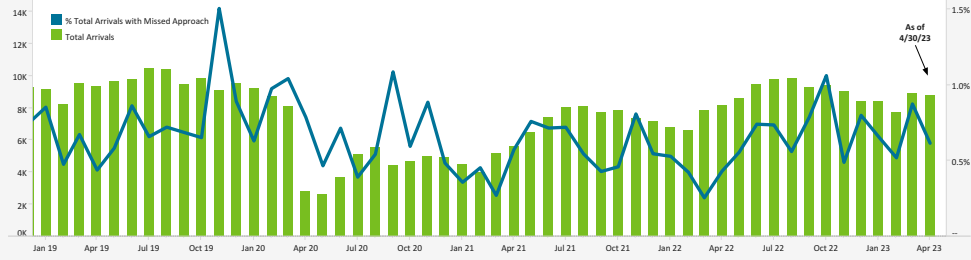
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MISSED APPROACH STATISTICS



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

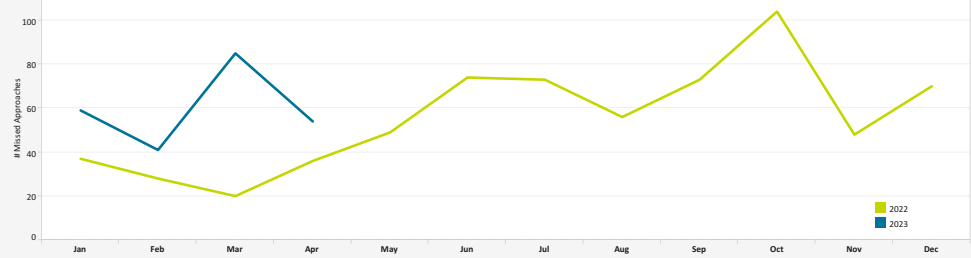


	2019	2020	2021	2022	2023
% Total Arrivals with Missed Approach	0.8%	0.7%	0.6%	0.6%	0.7%
Total Arrivals	114,193	64,576	79,016	102,974	33,730
Total Missed Approaches	895	508	470	668	239

Missed Approach Location Statistics

	Feb		Mar		Apr			Feb	Mar	Apr
	Day	Night	Day	Night	Day	Night				
Between Noise Dot #1 - Noise Dot #2	1	3	2	0	1	1	Between 265°-295° Heading (Standard)	26	46	27
Between Noise Dot #2 - JETI	12	1	28	1	14	2	East of Airport	5	33	14
Between JETI - Noise Dot #3	7	2	15	0	6	3	Left of 265°	8	6	10
Between Noise Dot #3 - Noise Dot #4	7	0	4	0	9	0	Right of 295°	1	1	3
Between Noise Dot #4 - Noise Dot #5	1	0	2	0	1	0				

Total Missed Approaches



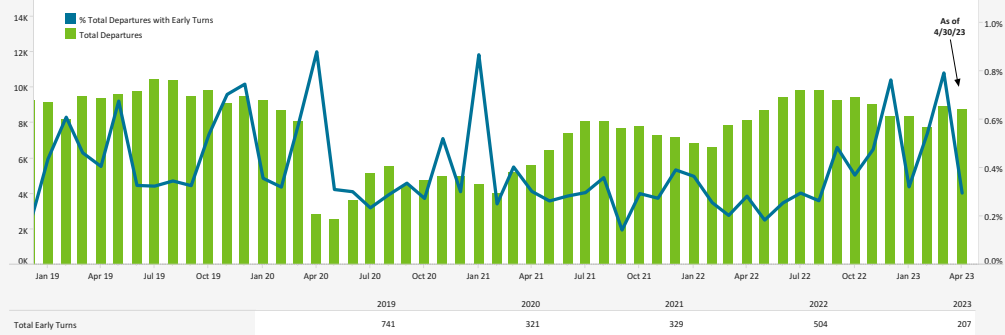
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EARLY TURN STATISTICS



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

	Feb	Mar	Apr
Jets Turning Left	3,635	4,044	4,068
Between Z2000 and Noise Dots	576	507	508
Compliant with Nighttime departure Heading (290°)	335	465	472
Not Nighttime Compliant - Over La Jolla	12	58	42
Not Nighttime Compliant - Straight Out	1	9	3
Not Nighttime Compliant - East	21	64	43

Cause of Early Turns

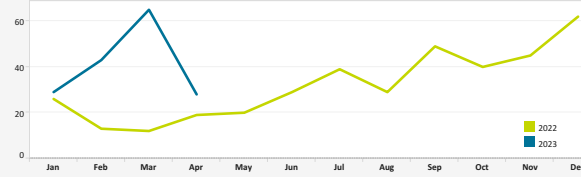
	Feb	Mar	Apr
Caused by ATC Vectors	50	45	29
Caused by Pilot Deviation	1	1	1
Caused by Weather	0	32	10



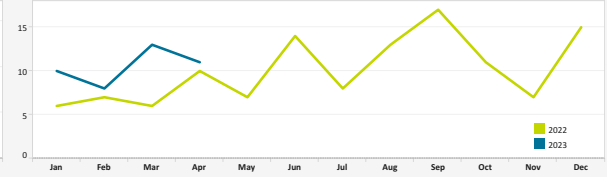
Total Early Turns



Over Point Loma



Over Mission Beach



Early Turns by Operator (April 2023)

Airline	Left Early Turns	Total Operator Departures	% Departures with Left Early Turns
Southwest Airlines	6	5,826	0.1%
Alaska Airlines	1	1,623	0.1%
SkyWest Airlines	3	1,551	0.2%
Delta Air Lines	8	1,498	0.5%
American Airlines	3	1,316	0.2%
Netjets	2	385	0.5%
Horizon Air	1	128	0.8%
British Airways	1	60	1.7%
DELUX PUBLIC CHARTER LLC	1	30	3.3%
MLW LA PALOMA INC	1	6	16.7%
MED AIR LLC	1	2	50.0%

Early Turns by Operator (April 2023)

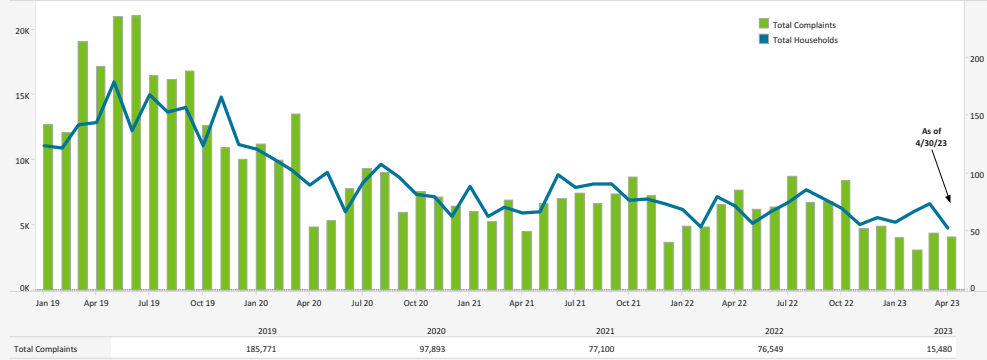
Airline	Right Early Turns	Total Operator Departures	% Departures with Right Early Turns
Southwest Airlines	2	5,826	0.0%
United Airlines	1	1,583	0.1%
SkyWest Airlines	1	1,551	0.1%
Delta Air Lines	3	1,498	0.2%
American Airlines	2	1,316	0.2%
General Aviation	1	721	0.1%
MLW LA PALOMA INC	1	6	16.7%

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NOISE COMPLAINT STATISTICS

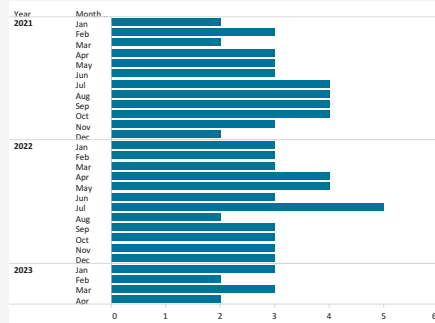


Total Complaints Compared to Total Households

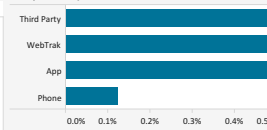


The Authority reports all complaints.

Number of Households with 500+ Complaints per Month



Complaints by Contact Method



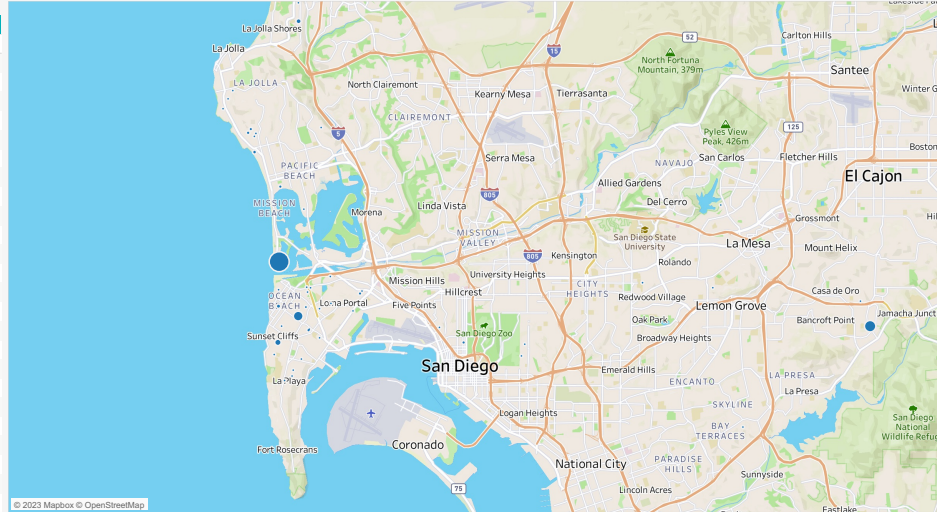
Disturbance Type

Disturbance Type	# Complaints	% Total
Too Loud	4,000	99.0%
Suspected Off Course	17	0.4%
Curfew Violation	16	0.4%
Too Low	5	0.1%
Increased Flight Volu..	1	0.0%
Other	1	0.0%

Number of Complaints by Neighborhood (April 2023)

Neighborhood	Total Complaints	Total Households
Grand Total	4,040	53
Mission Beach	2,200	3
Spring Valley	637	1
Point Loma Heights	498	9
Sunset Cliffs	192	3
Bird Rock	101	4
La Jolla Heights	86	2
Ocean Beach	55	3
Del Mar	54	1
Pacific Beach	43	3
Loma Portal	32	3
Bankers Hill	31	2
Beach Barber Tract	19	2
La Mesa	19	2
El Cerrito	17	1
Muirlands	17	1
Bay Terraces	14	1
Del Mar Heights	8	1
Roseville-Fleet Ridge	4	2
Wooded Area	4	3
South Park	3	2
Casa De Oro	2	1
Richland	2	1
Lower Hermosa	1	1
Midway District	1	1

Location of Complaints



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