

QUIETER HOME PROGRAM



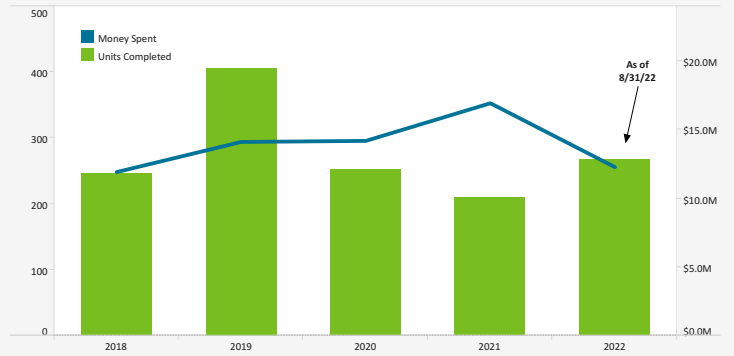
Quieter Home Program As Of: 8/31/2022

Status of Homes	
Added this Month	20
Homes Completed this Month	28
Estimated Homes to Complete in CY 2022	400
Homes on Wait List	589
Total Homes Completed	4,920
Amount Spent on Multi-Family Units (USD) this Month	565,768

Project	Estimated Construction Start	# Homes
11.4 (QNRP)	Fall 2022	1
11.5	In Process	34
11.6	In Process	119
11.7	In Process	53
11.8	Fall 2022	112
11.9	Fall 2022	32
11.10	Winter 2023	142
11.11	Winter 2023	48
11.12	Fall 2022	52
12.1	Spring 2023	34
12.2	Summer 2023	35
12.3	Summer 2023	44
12.4 (QNRP)	Fall 2023	3
12.5 (QNRP)	Winter 2024	3
12.6	Fall 2023	63
12.7	Spring 2024	42
12.8	Spring 2024	28
12.9	Spring 2024	52

QNRP: Quieter Non-Residential Pr..

From 2001 – 2009, \$89.8 Million Was Spent To Complete 1,356 Homes



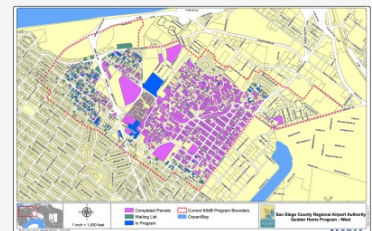
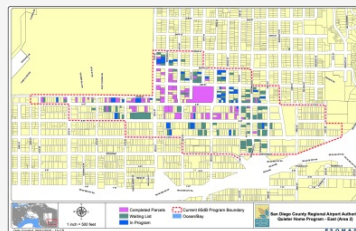
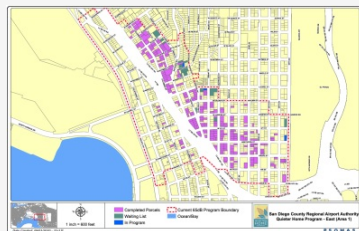
Post – Construction Homeowner Survey Results

Overall Experience	Excellent	Satisfied	Unsatisfied
	76%	22%	3%

Effectiveness

Question1	Answer1	Percentage
Effectiveness of Doors	Significant Improvement	82%
	Slight Improvement	13%
	No Improvement	4%
	Not Installed	2%
Effectiveness of Ventilation	Significant Improvement	71%
	Slight Improvement	11%
	No Improvement	8%
	Not Installed	10%
Effectiveness of Windows	Significant Improvement	87%
	Slight Improvement	11%
	No Improvement	2%
	Not Installed	0%

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 (July - August 2022)

Date, Time	Airline	Aircraft Type	Status
7/7/2022, 11:30 PM	SkyWest Airlines	E170	Pending Review
7/8/2022, 11:51 PM	Delta Air Lines	B739	Pending Review
7/11/2022, 11:43 PM	Alaska Airlines	B739	Pending Review
7/14/2022, 12:05 AM	Delta Air Lines	A321	Pending Review
7/15/2022, 11:43 PM	Alaska Airlines	B739	Pending Review
7/15/2022, 12:23 AM	Allegiant Air	A320	Pending Review
7/22/2022, 12:32 AM	jetBlue Airways	A320	Pending Review
8/6/2022, 12:25 AM	United Airlines	B738	Pending Review
8/8/2022, 12:45 AM	American Airlines	A321	Pending Review
8/11/2022, 11:55 PM	FedEx	A306	Pending Review
8/13/2022, 11:33 PM	Alaska Airlines	B739	Pending Review
8/15/2022, 12:24 AM	Pentastar aviation	GLF4	Pending Review
8/26/2022, 11:41 PM	Alaska Airlines	B39M	Pending Review

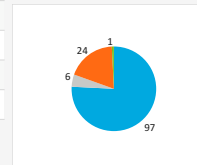
Annual Violations and Penalties Assessed (Year-to-Date)

Year	Total Violations	Fines Assessed
2018	60	\$254,000
2019	46	\$132,000
2020	18	\$16,000
2021	52	\$204,000
2022	58	\$520,000

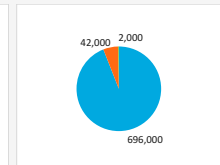
Airline Category

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

Violations by Airline Category (2020 - Present)



Fines Assessed by Airline Category (2020 - Present)



Curfew Violations and Penalties Assessed (by Year)



Airline Category	# Curfew Violations	\$ Curfew Violation Fines
A - Air	97	\$696,000
C - Cargo	6	\$0
G - G/A	24	\$42,000
M - Mil	1	\$2,000

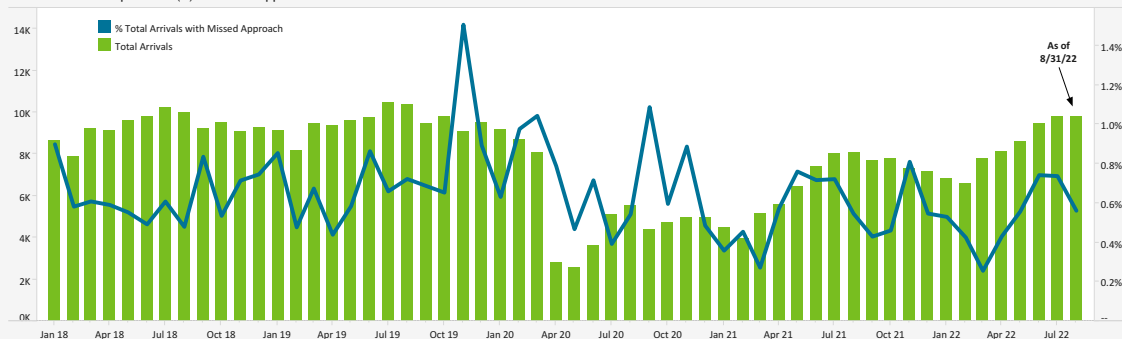
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MISSED APPROACH STATISTICS



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

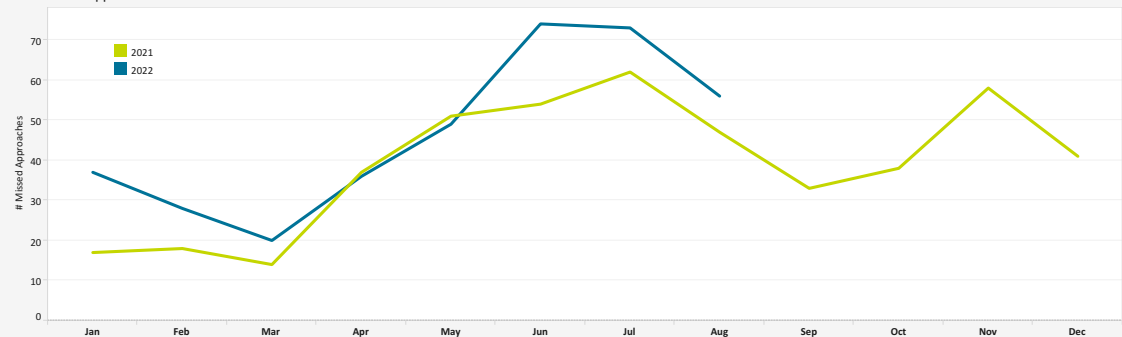


	2018	2019	2020	2021	2022
% Total Arrivals with Missed Approach	0.6%	0.8%	0.7%	0.6%	0.5%
Total Arrivals	111,618	114,193	64,576	79,016	66,951
Total Missed Approaches	721	895	508	470	373

Missed Approach Location Statistics

	Jun		Jul		Aug			Jun	Jul	Aug
	Day	Night	Day	Night	Day	Night				
Between Noise Dot #1 - Noise Dot #2	3	1	0	1	0	1	Between 265°-295° Heading (Standard)	38	47	31
Between Noise Dot #2 - JETTI	23	3	25	4	11	6	East of Airport	17	6	8
Between JETTI - Noise Dot #3	6	2	16	1	12	1	Left of 265°	12	13	8
Between Noise Dot #3 - Noise Dot #4	10	0	9	2	5	2	Right of 295°	7	5	8
Between Noise Dot #4 - Noise Dot #5	2	0	1	0	1	0				

Total Missed Approaches



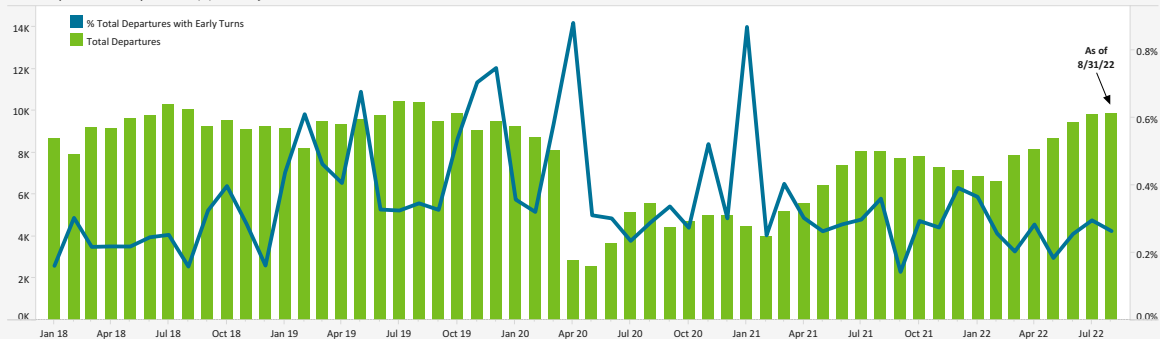
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EARLY TURN STATISTICS



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



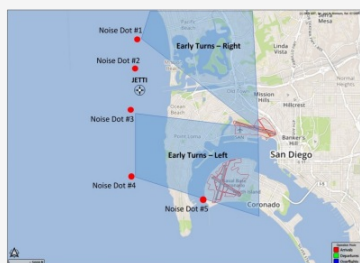
	2018	2019	2020	2021	2022
Total Early Turns	395	741	321	329	258

Departure Statistics

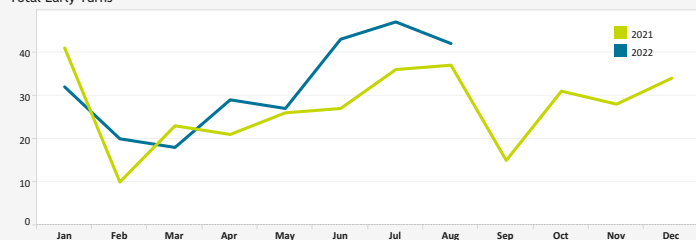
	Jun	Jul	Aug
Jets Turning Left	4,251	4,454	4,595
Between Z2000 and Noise Dots	475	571	652
Compliant with Nighttime departure Heading (290°)	440	530	512
Not Nighttime Compliant - Over La Jolla	31	25	31
Not Nighttime Compliant - Straight Out	5	8	5
Not Nighttime Compliant - East	0	0	0

Cause of Early Turns

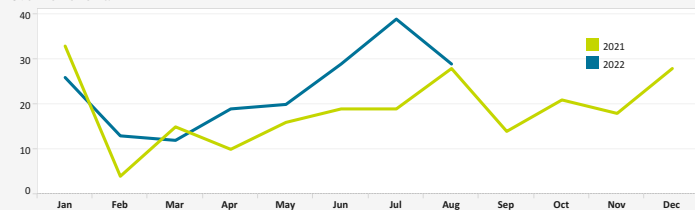
	Jun	Jul	Aug
Caused by ATC Vectors	41	46	41
Caused by Pilot Deviation	1	1	1
Caused by Weather	0	0	0



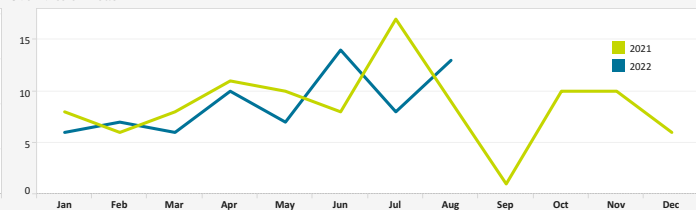
Total Early Turns



Over Point Loma



Over Mission Beach



Early Turns by Operator (August 2022)

Airline	Left Early Turns	Total Operator Departures	% Departures with Left Early Turns
Southwest Airlines	6	6,686	0.1%
United Airlines	3	1,723	0.2%
Delta Air Lines	4	1,566	0.3%
Alaska Airlines	3	1,488	0.2%
American Airlines	3	1,321	0.2%
General Aviation	3	866	0.3%
Netjets	1	405	0.2%
FedEx	1	217	0.5%
SUNRISE ASSET MANAGEMENT LLC	1	16	6.3%
Chrysler Aviation Inc	1	14	7.1%
CLEMENT JAMES H JR	1	4	25.0%
CHILDRESS HOLDINGS II LLC	1	2	50.0%
Aeroways Inc	1	2	50.0%

Early Turn by Operator (August 2022)

Airline	Right Early Turns	Total Operator Departures	% Departures with Right Early Turns
Southwest Airlines	2	6,686	0.0%
SkyWest Airlines	4	1,818	0.2%
Netjets	1	405	0.2%
DELTA AIR LINES INC	1	31	3.2%
105 LEASING 5250038 LLC	1	8	12.5%
M INVESTMENTS LLC	1	7	14.3%
TEXTRON FINANCIAL CORP	1	4	25.0%
LAPIDES ALLENE R	1	4	25.0%
CROCKETT AVIATION INC	1	2	50.0%

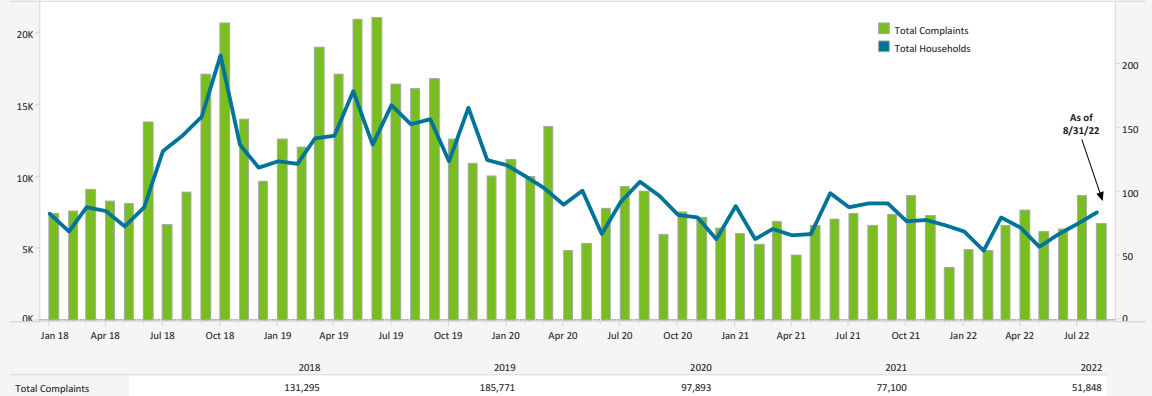
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NOISE COMPLAINT STATISTICS

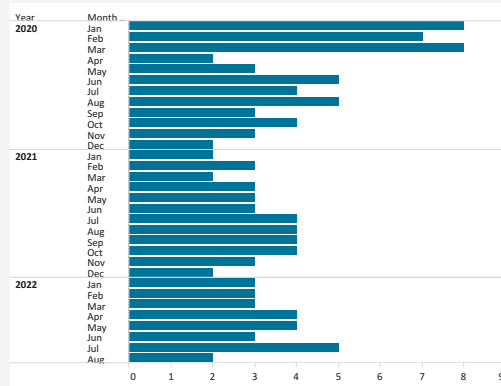


The Authority reports all complaints.

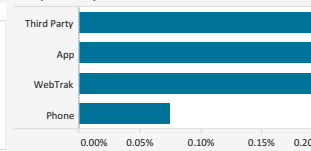
Total Complaints Compared to Total Households



Number of Households with 500+ Complaints per Month



Complaints by Contact Method



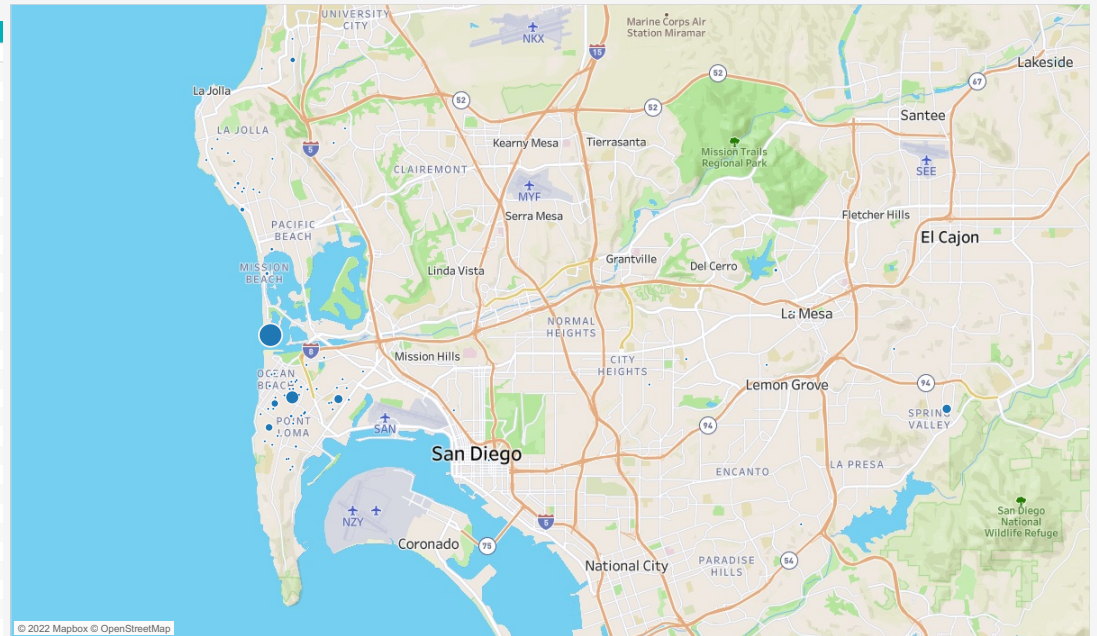
Disturbance Type

Disturbance Type	# Complaints	% Total
Too Loud	6,431	96.1%
Overflight	186	2.8%
Suspected Off Course	33	0.5%
Curfew Violation	27	0.4%
Other	16	0.2%
Fixed Wing	1	0.0%
Too Low	1	0.0%

Number of Complaints by Neighborhood (August 2022)

Neighborhood	Total Complaints	Total Households
Grand Total	6,695	84
Mission Beach	3,379	5
Point Loma Heights	1,412	17
Spring Valley	454	1
Loma Portal	443	9
Sunset Cliffs	404	5
Bird Rock	162	4
La Jolla Heights	133	2
La Mesa	51	3
Pacific Beach	42	1
Ocean Beach	38	6
Roseville-Fleet Ridge	34	3
El Cerrito	25	1
Beach Barber Tract	23	2
Muirlands	18	3
Casa De Oro-Mount Helix	16	1
Bay Terraces	11	1
La Jolla Mesa	10	2
Wooded Area	8	3
Del Mar Heights	7	1
La Playa	4	2
Loma Heights	4	1
Lower Hermosa	4	1
Bay Ho	3	2
Bankers Hill	2	1
La Jolla Alta	2	1
City Heights	1	1
Del Mar	1	1
East Village	1	1
La Jolla Shores	1	1
Point Loma	1	1

Location of Complaints



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