

QUIETER HOME PROGRAM



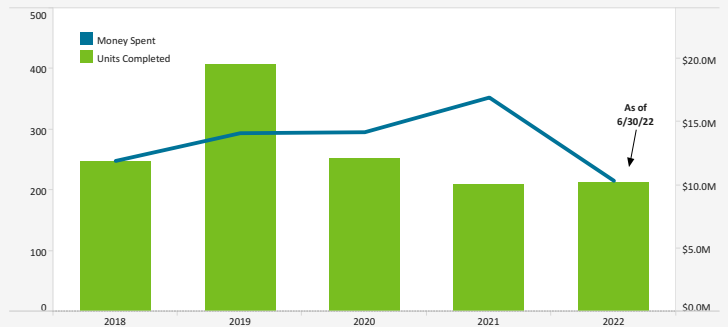
Quieter Home Program As Of: 6/30/2022

Status of Homes	
Added this month	11
Estimated Homes to Complete in CY 2022	400
Homes Completed this month	33
Homes on Wait List	648
Total Homes Completed	4,865

Project	Estimated Construction Start	# Homes
11.3	In Process	102
11.4 (QNRP)	Fall 2022	1
11.5	In Process	34
11.6	In Process	119
11.7	Summer 2022	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

QNRP: Quieter Non-Residential Pr..

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



Post – Construction Homeowner Survey Results

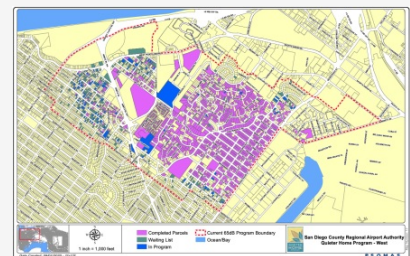
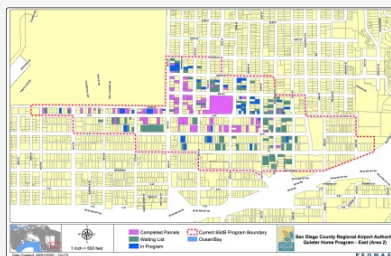
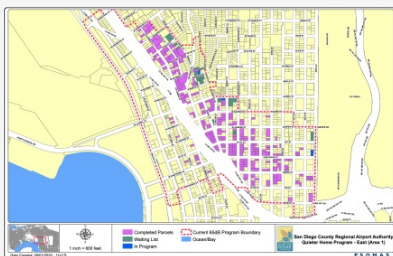
Overall Experience

Excellent	Satisfied	Unsatisfied
76%	22%	3%

Effectiveness

Question	Answer	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.

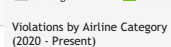
Curfew Violations (May - June 2022)

Date, Time	Airline	Aircraft Type	Status
5/6/2022, 11:49 PM	Allegiant Air	A320	Pending Review
5/9/2022, 11:32 PM	Alaska Airlines	B39M	Pending Review
5/11/2022, 11:37 PM	Alaska Airlines	B39M	Pending Review
5/12/2022, 05:57 AM	Sedgwick Claims	G280	Pending Review
5/13/2022, 11:38 PM	Alaska Airlines	B739	Pending Review
5/14/2022, 02:12 AM	International Jet Management	FA7X	Pending Review
5/17/2022, 11:29 PM	Alaska Airlines	B39M	Pending Review
5/23/2022, 12:03 AM	Spirit Airlines	A20N	Pending Review
6/6/2022, 11:30 PM	FedEx	A306	Pending Review
6/6/2022, 11:49 PM	Alaska Airlines	B738	Pending Review
6/9/2022, 11:30 PM	SkyWest Airlines	E170	Pending Review
6/17/2022, 12:04 AM	Delta Air Lines	B738	Pending Review
6/18/2022, 12:18 AM	Delta Air Lines	B739	Pending Review
6/20/2022, 11:30 PM	Southwest Airlines	B737	Pending Review
6/20/2022, 11:36 PM	Southwest Airlines	B737	Pending Review
6/22/2022, 11:31 PM	Alaska Airlines	B739	Pending Review
6/24/2022, 11:58 PM	American Airlines	A321	Pending Review
6/27/2022, 11:43 PM	Jet Aviation Business Jets LTD	GLF6	Pending Review

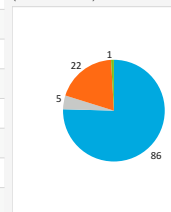
Annual Violations and Penalties Assessed (Year-to-Date)

Year	Total Violations	Fines Assessed
2018	60	\$254,000
2019	46	\$132,000
2020	18	\$16,000
2021	52	\$204,000
2022	45	\$342,000

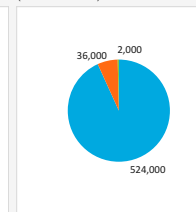
Airline Category



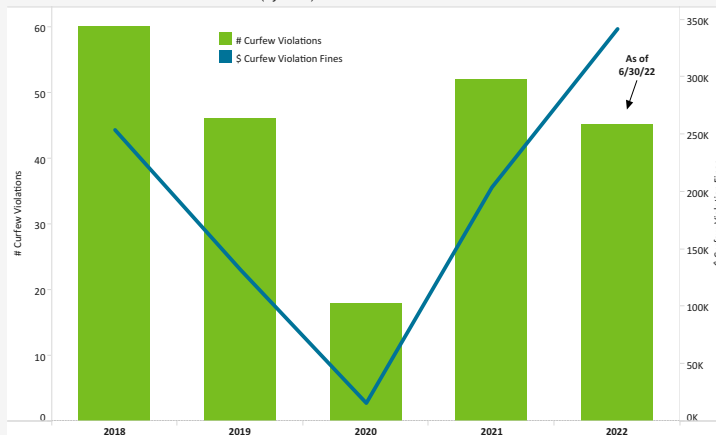
Violations by Airline Category (2020 - Present)



Fines Assessed by Airline Category (2020 - Present)



Curfew Violations and Penalties Assessed (by Year)



Airline Category	# Curfew Violations	\$ Curfew Violation Fines
A - Air	86	\$524,000
C - Cargo	5	\$0
G - G/A	22	\$36,000
M - Mil	1	\$2,000
None	1	\$0

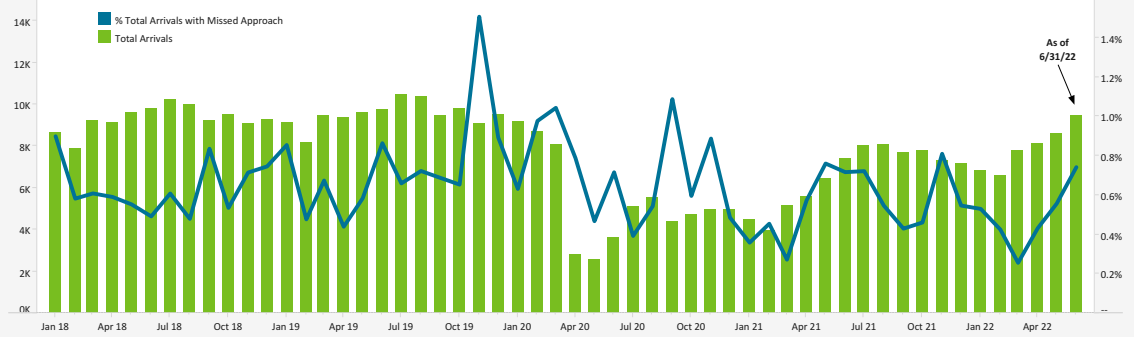
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MISSED APPROACH STATISTICS



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

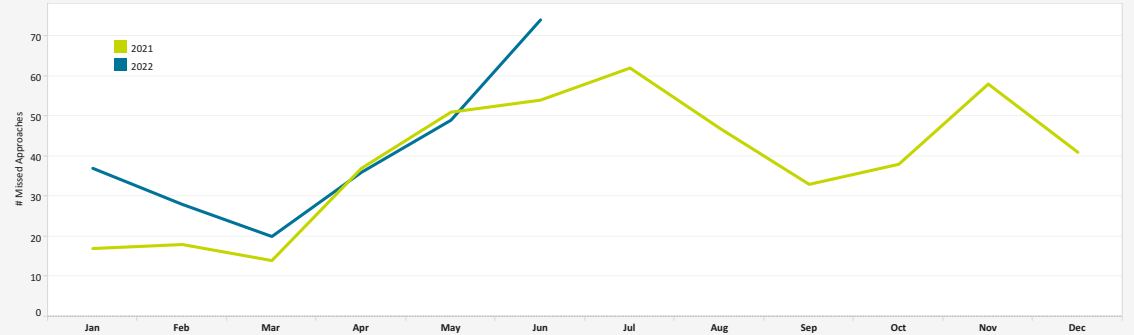


	2018	2019	2020	2021	2022
% Total Arrivals with Missed Approach	0.6%	0.8%	0.7%	0.6%	0.5%
Total Arrivals	111,618	114,193	64,576	79,016	47,381
Total Missed Approaches	721	895	508	470	244

Missed Approach Location Statistics

	Apr		May		Jun			Apr	May	Jun
	Day	Night	Day	Night	Day	Night				
Between Noise Dot #1 - Noise Dot #2	0	0	1	0	3	1	Between 265°-295° Heading (Standard)	28	36	38
Between Noise Dot #2 - JETTI	14	1	20	2	23	3	East of Airport	2	2	17
Between JETTI - Noise Dot #3	12	1	12	1	6	2	Left of 265°	5	6	12
Between Noise Dot #3 - Noise Dot #4	4	0	3	0	10	0	Right of 295°	1	5	7
Between Noise Dot #4 - Noise Dot #5	1	0	3	0	2	0				

Total Missed Approaches



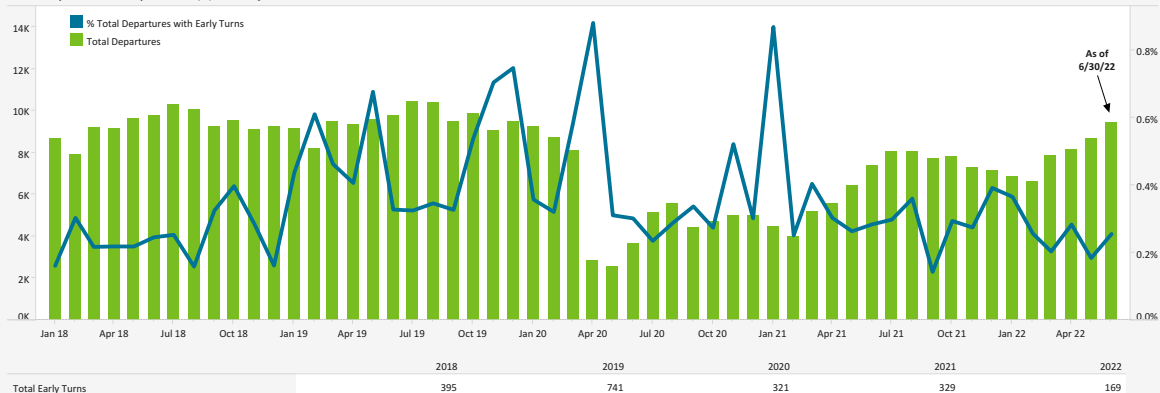
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EARLY TURN STATISTICS



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

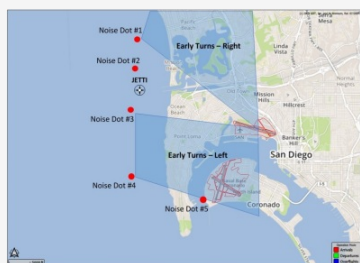


Departure Statistics

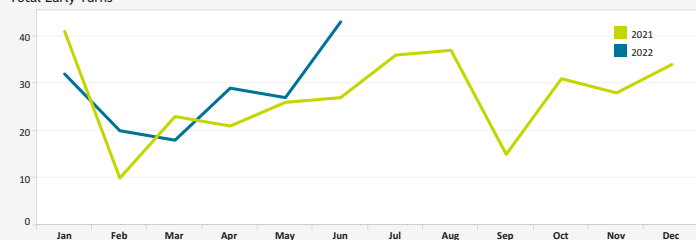
	Apr	May	Jun
Jets Turning Left	3,810	4,072	4,250
Between Z2000 and Noise Dots	521	454	474
Compliant with Nighttime departure Heading (290°)	409	401	440
Not Nighttime Compliant - Over La Jolla	44	19	20
Not Nighttime Compliant - Straight Out	10	6	5
Not Nighttime Compliant - East	0	0	0

Cause of Early Turns

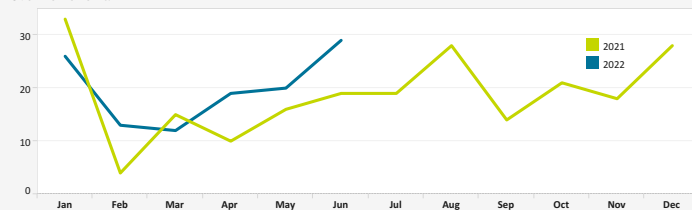
	Apr	May	Jun
Caused by ATC Vectors	2	23	41
Caused by Pilot Deviation	0	4	1
Caused by Weather	0	0	0



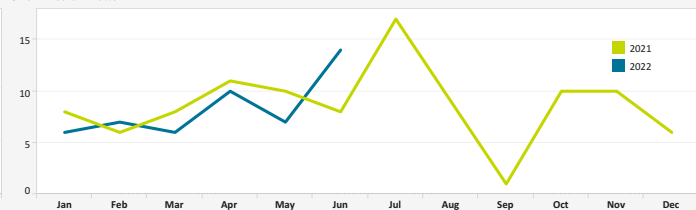
Total Early Turns



Over Point Loma



Over Mission Beach



Early Turns by Operator (June 2022)

Airline	Left Early Turns	Total Operator Departures	% Departures with Left Early Turns
Southwest Airlines	3	6,291	0.0%
SkyWest Airlines	1	1,931	0.1%
United Airlines	5	1,610	0.3%
Alaska Airlines	1	1,482	0.1%
Delta Air Lines	3	1,308	0.2%
American Airlines	5	1,282	0.4%
General Aviation	3	796	0.4%
Frontier Airlines	1	303	0.3%
BOEING COMPANY	1	184	0.5%
Flexjet	1	114	0.9%
BANK OF UTAH TRUSTEE	1	39	2.6%
DELUX PUBLIC CHARTER LLC	1	24	4.2%
SunWest Aviation	1	4	25.0%
JS AIR HOLDINGS LLC	1	2	50.0%
CRAIG AIR LLC	1	2	50.0%

Early Turn by Operator (June 2022)

Airline	Right Early Turns	Total Operator Departures	% Departures with Right Early Turns
Southwest Airlines	2	6,291	0.0%
SkyWest Airlines	5	1,931	0.3%
Alaska Airlines	2	1,482	0.1%
NetJets	1	414	0.2%
Frontier Airlines	1	303	0.3%
CONTRAILS 35 LLC	1	8	12.5%
SunWest Aviation	1	4	25.0%
Airmed International	1	2	50.0%

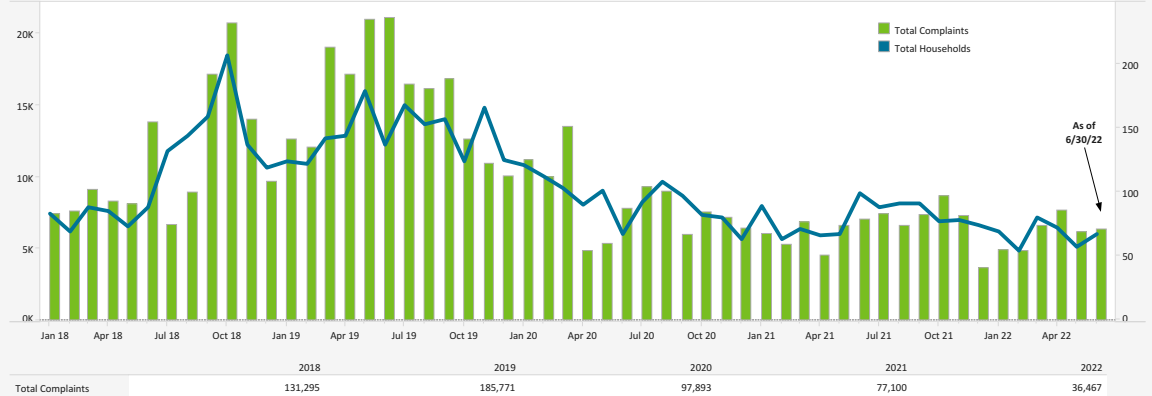
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NOISE COMPLAINT STATISTICS

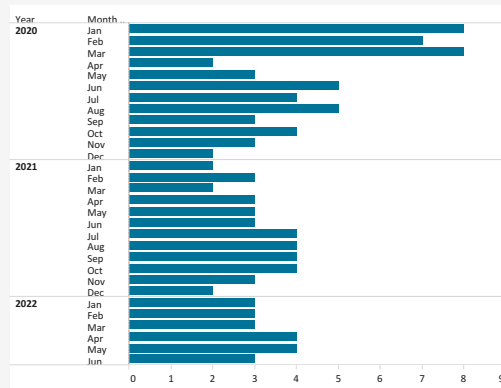


The Authority reports all complaints.

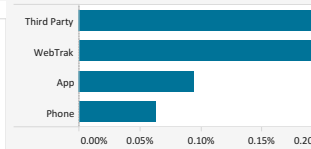
Total Complaints Compared to Total Households



Number of Households with 500+ Complaints per Month



Complaints by Contact Method



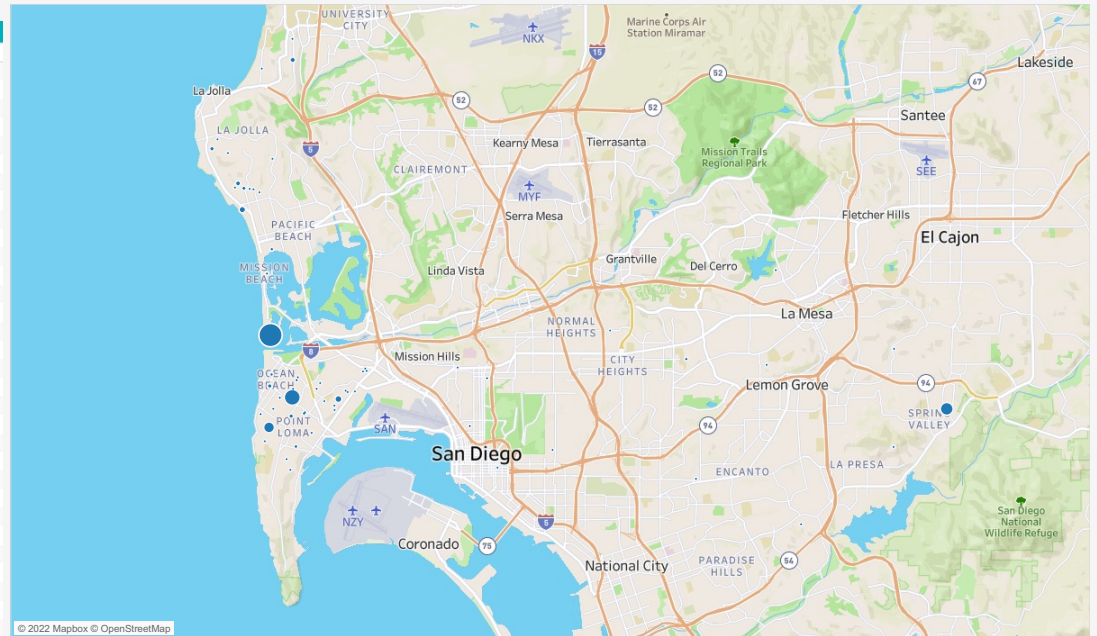
Disturbance Type

Disturbance Type	# Complaints	% Total
Too Loud	6,301	99.2%
Curfew Violation	25	0.4%
Suspected Off Course	10	0.2%
Other	8	0.1%
Fixed Wing	3	0.0%
Overflight	2	0.0%
Too Low	1	0.0%

Number of Complaints by Neighborhood (June 2022)

Neighborhood	Total Complaints	Total Households
Grand Total	6,351	67
Mission Beach	2,776	4
Point Loma Heights	1,330	10
Spring Valley	742	1
Sunset Cliffs	645	4
Bird Rock	219	3
Loma Portal	173	5
La Jolla Heights	96	2
Ocean Beach	87	4
Beach Barber Tract	60	2
Muirlands	46	2
Roseville-Fleet Ridge	40	4
Pacific Beach	30	1
El Cerrito	27	1
Casa De Oro-Mount Helix	14	1
La Mesa	12	2
La Playa	11	1
Bay Terraces	7	1
Wooded Area	7	1
La Jolla Mesa	6	3
Del Mar Heights	5	1
Midway District	5	2
Bankers Hill	2	1
Hillcrest	2	2
Chula Vista	1	1
East Village	1	1
Encanto	1	1
Kensington	1	1
La Jolla Alta	1	1
La Jolla Shores	1	1
La Presa	1	1
South Park	1	1

Location of Complaints



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