

QUIETER HOME PROGRAM



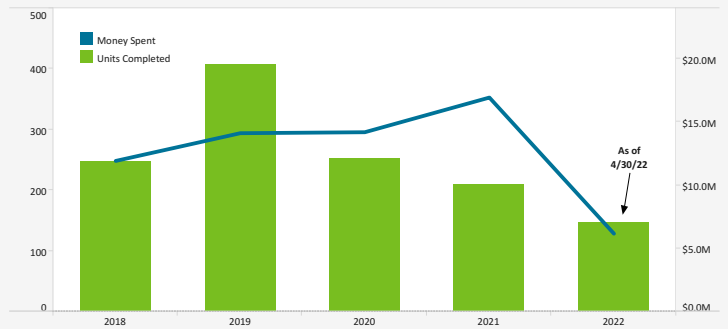
Quieter Home Program As Of: 4/30/2022

Status of Homes	
Added this month	4
Estimated Homes to Complete in CY 2022	400
Homes Completed this month	65
Homes on Wait List	638
Total Homes Completed	4,799

Project	Estimated Construction Start	# Homes
11.1	In Process	48
11.2	In Process	40
11.3	In Process	102
11.4 (QNRP)	Fall 2022	1
11.5	In Process	34
11.6	Spring 2022	119
11.7	Summer 2022	53
11.8	Fall 2022	112
11.9	Fall 2022	32
11.10	Fall 2022	142
11.11	Winter 2023	48
11.12	Fall 2022	52
12.1	Winter 2023	34
12.2	Spring 2023	35
12.3	Summer 2023	44
12.4 (QNRP)	Fall 2023	3
12.5 (QNRP)	Fall 2023	3
12.6	Fall 2023	63

QNRP: Quieter Non-Residential Pr..

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



Post – Construction Homeowner Survey Results

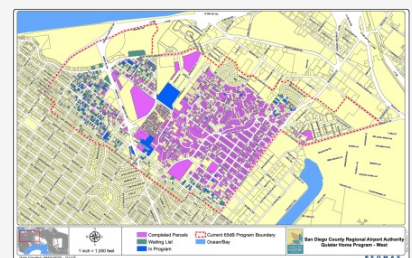
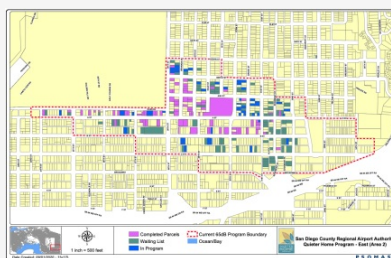
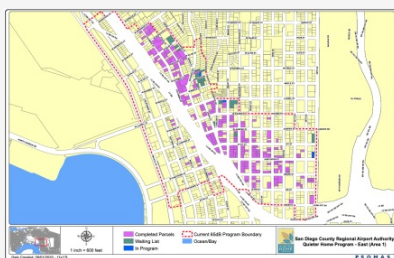
Overall Experience

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 (March - April 2022)

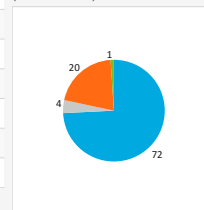
Date, Time	Airline	Aircraft Type	Status
3/3/2022, 11:57 PM	jetBlue Airways	A320	Pending Review
3/6/2022, 12:10 AM	American Airlines	B738	Pending Review
3/9/2022, 02:14 AM	Qatar Executive	GLF6	Pending Review
3/13/2022, 11:55 PM	American Airlines	A321	Pending Review
3/20/2022, 11:52 PM	ConocoPhillips Alaska Inc	B737	Pending Review
3/23/2022, 12:25 AM	American Airlines	B738	Pending Review
3/26/2022, 12:31 AM	Delta Air Lines	B752	Pending Review
3/28/2022, 11:50 PM	jetBlue Airways	A320	Pending Review
4/2/2022, 12:50 AM	Allegiant Air	A319	Pending Review
4/4/2022, 11:30 PM	Delta Air Lines	B738	Pending Review
4/7/2022, 12:54 AM	Delta Air Lines	A333	Pending Review
4/8/2022, 12:03 AM	Alaska Airlines	B738	Pending Review
4/9/2022, 12:22 AM	Allegiant Air	A319	Pending Review
4/9/2022, 12:27 AM	jetBlue Airways	A320	Pending Review
4/13/2022, 11:35 PM	Alaska Airlines	B739	Pending Review
4/14/2022, 11:44 PM	jetBlue Airways	A320	Pending Review
4/23/2022, 11:31 PM	Alaska Airlines	B39M	Pending Review

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

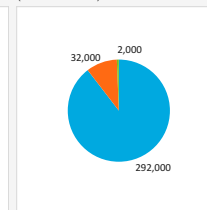
Year	Total Violations	Fines Assessed
2018	60	\$254,000
2019	46	\$132,000
2020	18	\$16,000
2021	52	\$204,000
2022	27	\$106,000

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

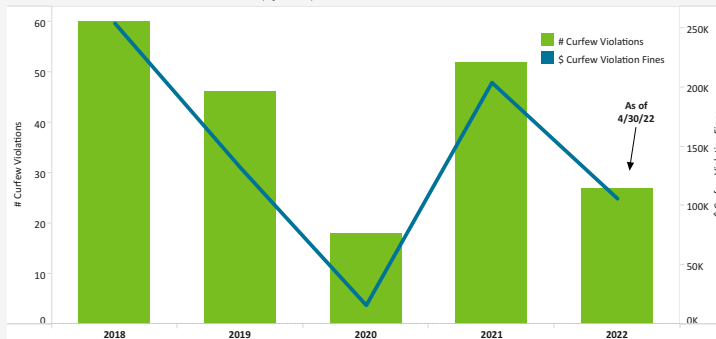
Violations by Airline Category (2020 - Present)



Fines Assessed by Airline Category (2020 - Present)



Curfew Violations and Penalties Assessed (by Year)



Airline Category	# Curfew Violations	\$ Curfew Violation Fines
A - Air	72	\$292,000
C - Cargo	4	\$0
G - G/A	20	\$32,000
M - Mil	1	\$2,000

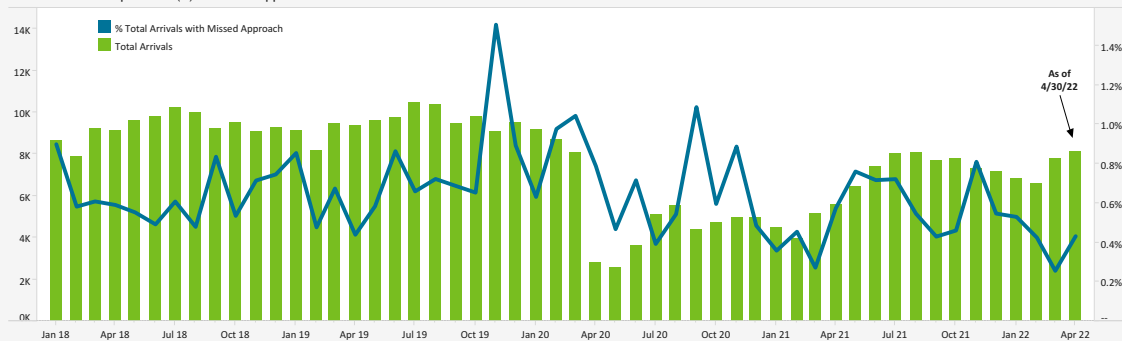
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MISSSED APPROACH STATISTICS



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%	0.4%
Total Arrivals	111,618	114,193	64,576	79,016	29,322
Total Missed Approaches	721	895	508	470	121

Missed Approach Location Statistics

	Feb		Mar		Apr			Feb	Mar	Apr
	Day	Night	Day	Night	Day	Night				
Between Noise Dot #1 - Noise Dot #2	0	1	1	0	0	0	Between 265°-295° Heading (Standard)	19	12	28
Between Noise Dot #2 - JETTI	8	0	7	1	14	1	East of Airport	6	5	2
Between JETTI - Noise Dot #3	9	1	3	0	12	1	Left of 265°	2	2	5
Between Noise Dot #3 - Noise Dot #4	2	0	1	0	4	0	Right of 295°	1	0	1
Between Noise Dot #4 - Noise Dot #5	0	0	1	0	1	0				

Total Missed Approaches



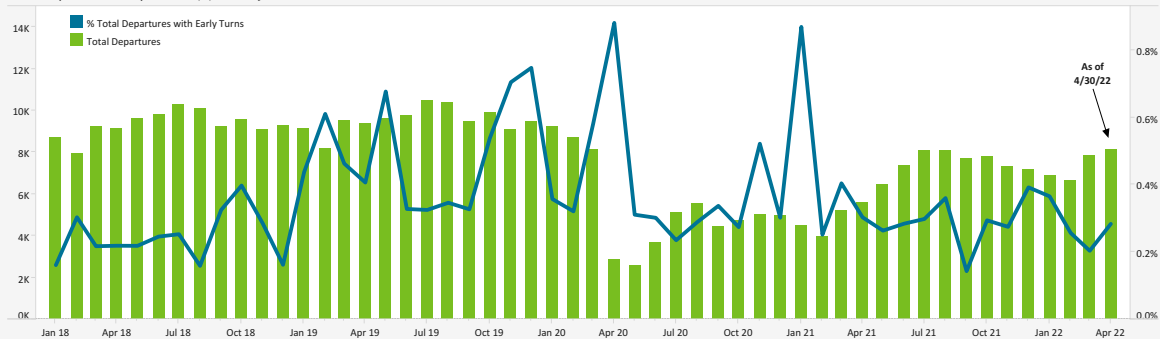
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EARLY TURN STATISTICS



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



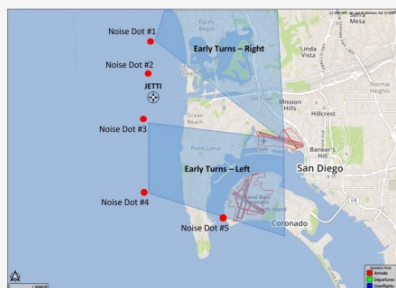
	2018	2019	2020	2021	2022
Total Early Turns	395	741	321	329	99

Departure Statistics

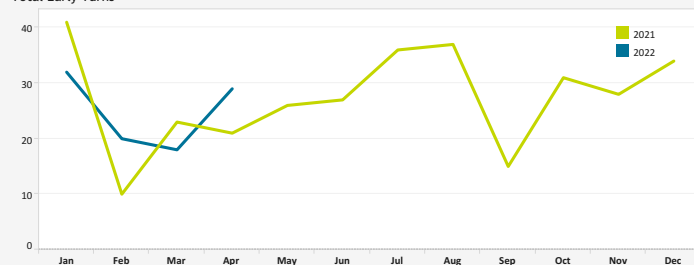
	Feb	Mar	Apr
Jets Turning Left	3,278	3,855	3,810
Between Z2000 and Noise Dots	378	451	521
Compliant with Nighttime departure Heading (290°)	231	352	409
Not Nighttime Compliant - Over La Jolla	25	28	44
Not Nighttime Compliant - Straight Out	2	12	10
Not Nighttime Compliant - East	0	5	0

Cause of Early Turns

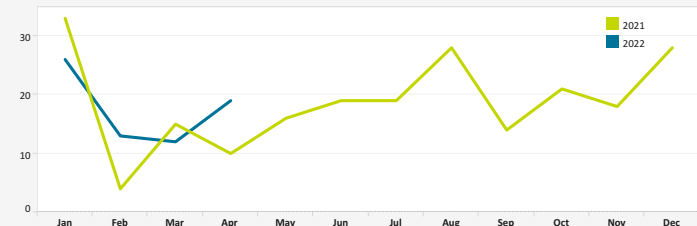
	Feb	Mar	Apr
Caused by ATC Vectors	20	15	28
Caused by Pilot Deviation	0	3	1
Caused by Weather	0	0	0



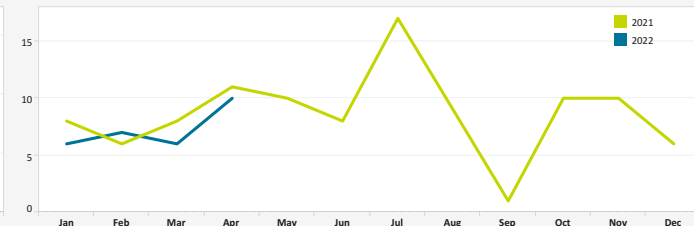
Total Early Turns



Over Point Loma



Over Mission Beach



Early Turns by Operator (April 2022)

Airline	Left Early Turns	Total Operator Departures	% Departures with Left Early Turns
Southwest Airlines	3	5,123	0.1%
SkyWest Airlines	2	1,907	0.1%
Alaska Airlines	1	1,434	0.1%
United Airlines	2	1,384	0.1%
Delta Air Lines	3	1,229	0.2%
American Airlines	1	1,053	0.1%
General Aviation	4	689	0.6%
Aerolineas Ejcutivas	1	32	3.1%
FLORIDA JET PARTS LLC	1	24	4.2%
105 LEASING 5250038 LLC	1	4	25.0%

Early Turn by Operator (April 2022)

Airline	Right Early Turns	Total Operator Departures	% Departures with Right Early Turns
Southwest Airlines	2	5,123	0.0%
General Aviation	1	689	0.1%
FLORIDA JET PARTS LLC	1	24	4.2%
JANKE CHERYL A	2	12	16.7%
STEADFAST ADVISERS LLC	1	4	25.0%
LB EAGLE AVIATION LLC	1	4	25.0%
IBW AIR SERVICES LLC	1	4	25.0%
Wings Over Oregon LLC	1	2	50.0%

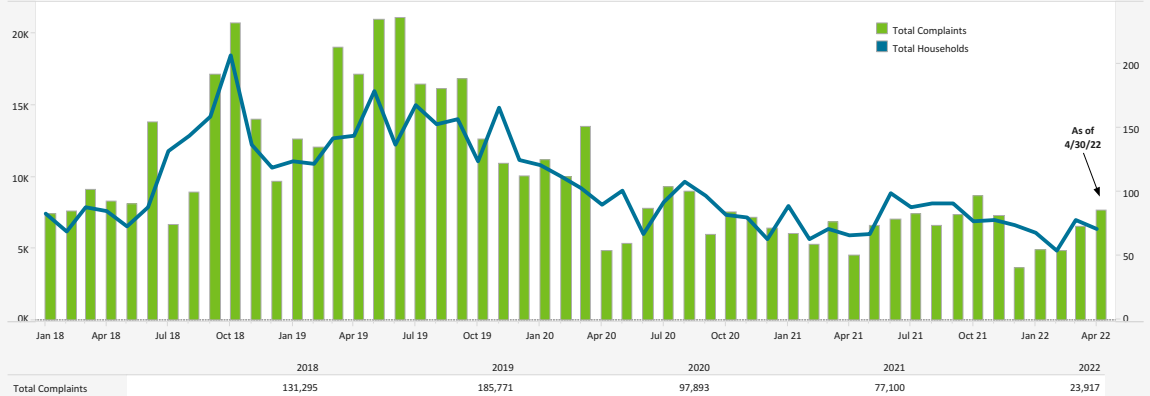
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NOISE COMPLAINT STATISTICS

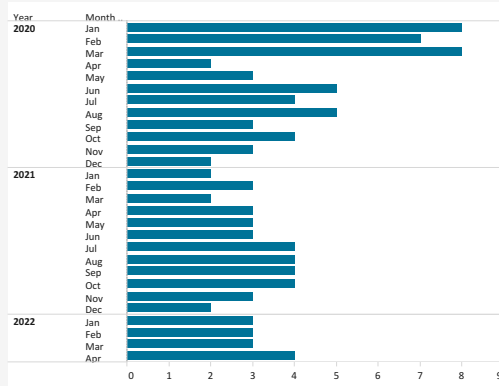


The Authority reports all complaints.

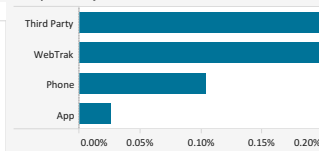
Total Complaints Compared to Total Households



Number of Households with 500+ Complaints per Month



Complaints by Contact Method



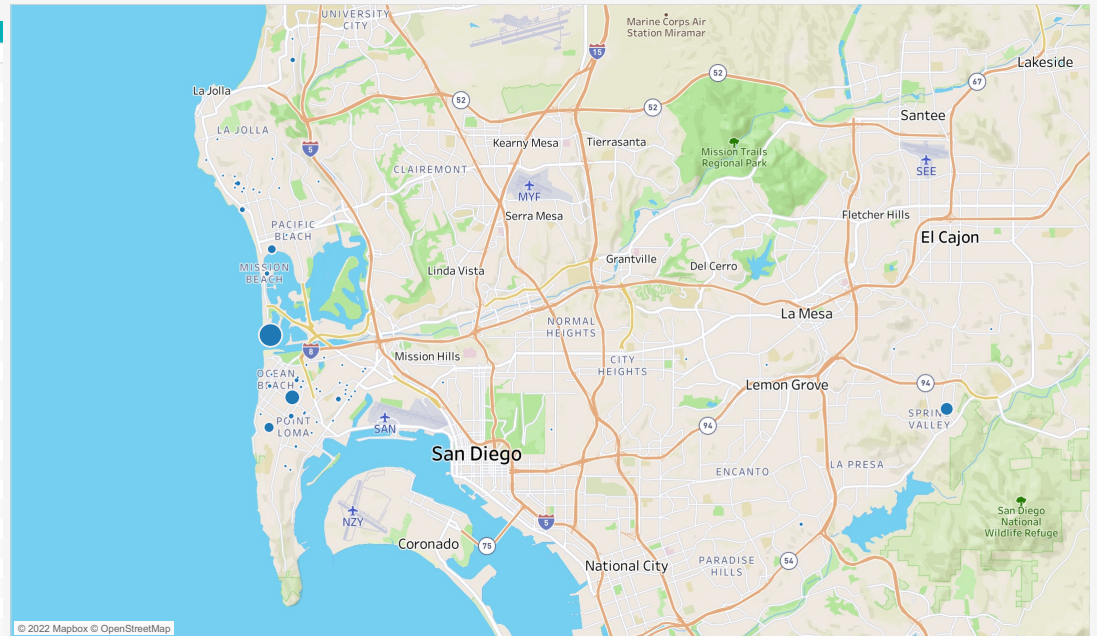
Disturbance Type

Disturbance Type	# Complaints	% Total
Too Loud	7,558	98.5%
Curfew Violation	45	0.6%
Other	26	0.3%
Fixed Wing	20	0.3%
Overflight	13	0.2%
Suspected Off Course	10	0.1%

Number of Complaints by Neighborhood (April 2022)

Neighborhood	Total Complaints	Total Households
Grand Total	7,672	71
Mission Beach	3,155	4
Point Loma Heights	1,527	12
Spring Valley	903	1
Sunset Cliffs	659	3
Pacific Beach	391	4
Bird Rock	298	5
Loma Portal	165	10
La Jolla Heights	133	2
Ocean Beach	101	3
Del Mar	87	1
Bay Terraces	60	1
Roseville-Fleet Ridge	44	4
Muirlands	29	2
La Jolla Mesa	25	2
Casa De Oro-Mount Helix	24	2
Lower Hermosa	17	1
El Cerrito	13	1
Beach Barber Tract	9	1
Del Mar Heights	9	1
La Jolla Alta	5	1
La Playa	5	1
La Mesa	4	1
Wooded Area	3	2
Hillcrest	1	1
Loma Heights	1	1
Middletown	1	1
Midway District	1	1
South Park	1	1
Upper Hermosa	1	1

Location of Complaints



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