

QUIETER HOME PROGRAM



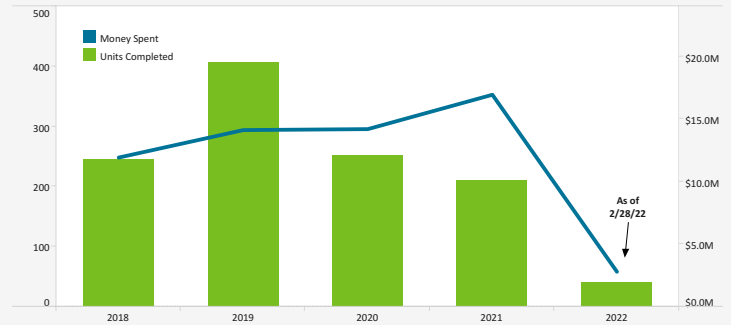
Quieter Home Program As Of: 02/28/2022

Status of Homes	
Added this month	7
Estimated Homes to Complete in CY 2022	400
Homes Completed this month	25
Homes on Wait List	673
Total Homes Completed	4,693

Project	Estimated Construction Start	# Homes
10.11	In Process	56
11.1	In Process	51
11.2	In Process	43
11.3	In Process	102
11.4 (QNRP)	Spring 2022	1
11.5	Spring 2022	39
11.6	Spring 2022	119
11.7	Summer 2022	60
11.8	Summer 2022	112
11.9	Fall 2022	36
11.10	Winter 2022	142
11.11	Winter 2023	59
11.12	Winter 2022	52
12.1	Winter 2023	60
12.2	Spring 2023	74
12.3	Spring 2023	68

QNRP: Quieter Non-Residential Pr..

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



Post – Construction Homeowner Survey Results

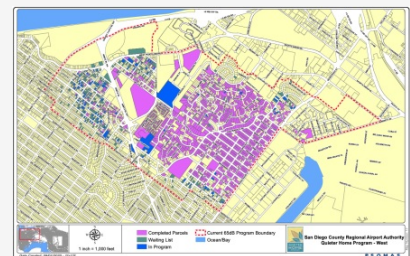
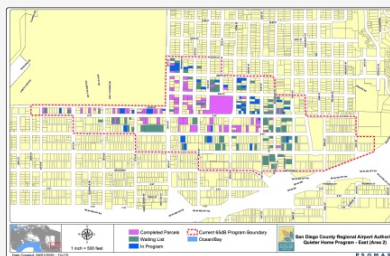
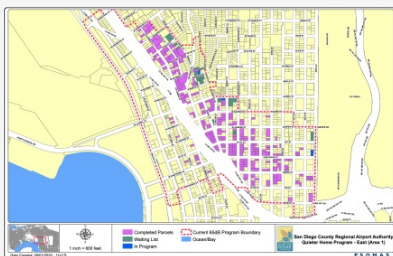
Overall Experience

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.

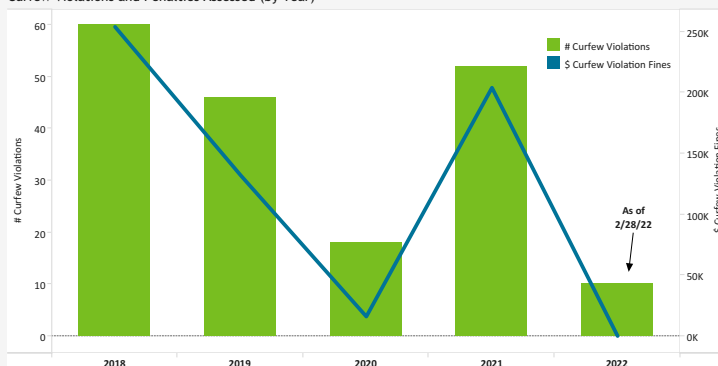
Curfew Violations (January - February 2022)

Date, Time	Airline	Aircraft Type	Status
1/3/2022, 01:25 AM	jetBlue Airways	A320	Pending Review
1/7/2022, 12:54 AM	Golet	HDJT	Pending Review
1/30/2022, 12:16 AM	Vistalet	GLEX	Pending Review
1/31/2022, 11:53 PM	FedEx Express	A306	Pending Review
2/3/2022, 05:29 AM	CVS Pharmacy Inc.	F2TH	Pending Review
2/5/2022, 12:13 AM	Jet Luxe	H25B	Pending Review
2/15/2022, 11:51 PM	Project Finance Inc.	CL35	Pending Review
2/22/2022, 11:36 PM	Delta Air Lines	B738	Pending Review
2/23/2022, 04:53 AM	IFL Group	FA20	Pending Review
2/28/2022, 11:46 PM	jetBlue Airways	A320	Pending Review

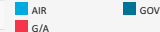
Annual Violations and Penalties Assessed (Year-to-Date)

Year	Total Violations	Fines Assessed
2018	60	\$254,000
2019	46	\$132,000
2020	18	\$16,000
2021	52	\$204,000
2022	10	\$0

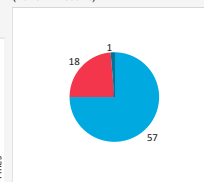
Curfew Violations and Penalties Assessed (by Year)



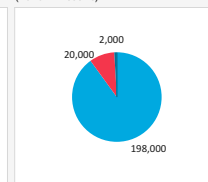
Airline Category



Violations by Airline Category (2020 - Present)



Fines Assessed by Airline Category (2020 - Present)



Airline Category	# Curfew Violations	\$ Curfew Violation Fines
AIR	57	\$198,000
G/A	18	\$20,000
GOV	1	\$2,000

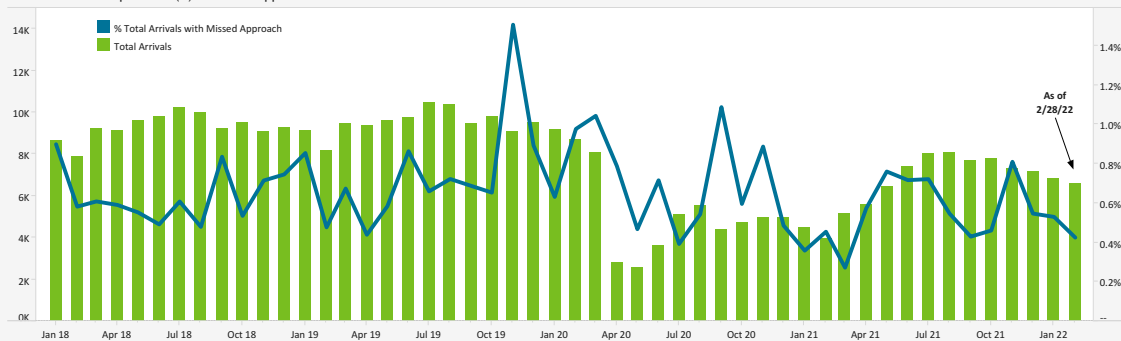
Data Disclaimer: We do our best to ensure that the data we release is complete, accurate and useful. However, because we do not create the data, and because the processing required to make the data useful is complex, we are not liable for omissions, inaccuracies or changes in the data.

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

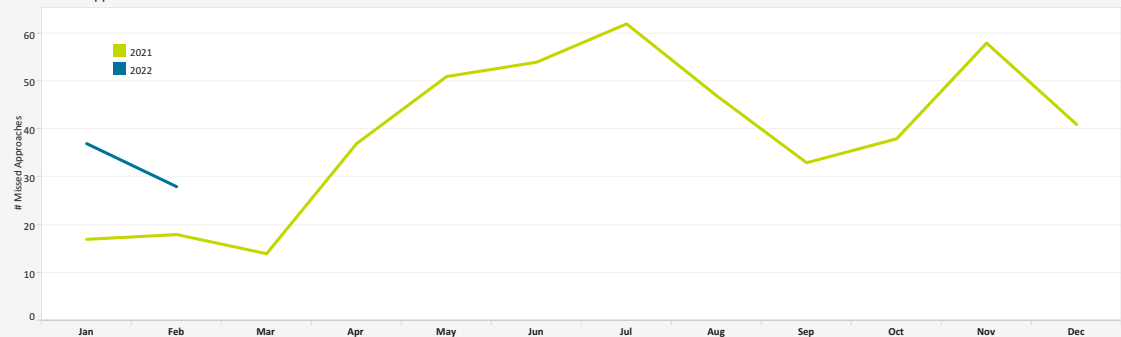


	2018	2019	2020	2021	2022
% Total Arrivals with Missed Approach	0.6%	0.8%	0.7%	0.6%	0.5%
Total Arrivals	111,618	114,193	64,576	79,016	13,391
Total Missed Approaches	721	895	508	470	65

Missed Approach Location Statistics

	Dec		Jan		Feb			Dec	Jan	Feb
	Day	Night	Day	Night	Day	Night				
Between Noise Dot #1 - Noise Dot #2	1	0	0	0	0	1	Between 265°-295° Heading (Standard)	27	29	19
Between Noise Dot #2 - JETTI	15	0	20	1	8	0	East of Airport	9	2	6
Between JETTI - Noise Dot #3	9	1	6	2	9	1	Left of 265°	6	4	2
Between Noise Dot #3 - Noise Dot #4	5	1	2	1	2	0	Right of 295°	0	3	1
Between Noise Dot #4 - Noise Dot #5	1	0	1	0	0	0				

Total Missed Approaches



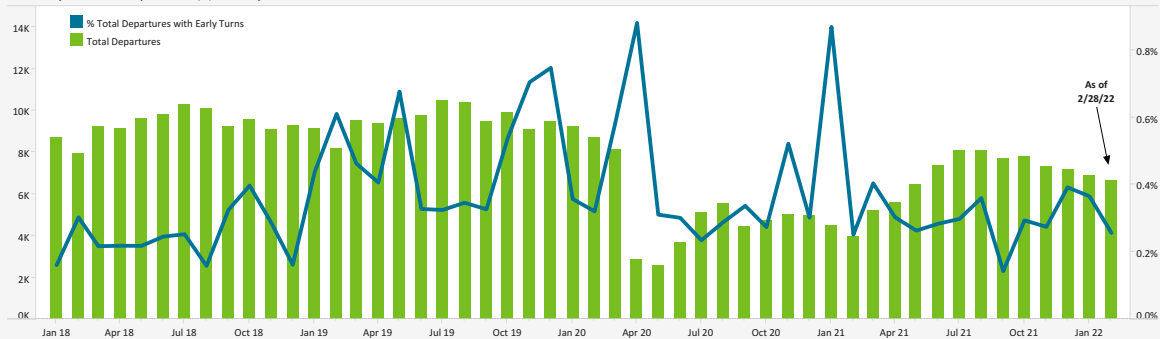
Data Disclaimer: We do our best to ensure that the data we release is complete, accurate and useful. However, because we do not create the data, and because the processing required to make the data useful is complex, we are not liable for omissions, inaccuracies or changes in the data.

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



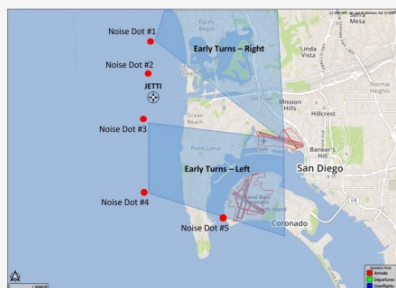
	2018	2019	2020	2021	2022
Total Early Turns	395	741	321	329	52

Departure Statistics

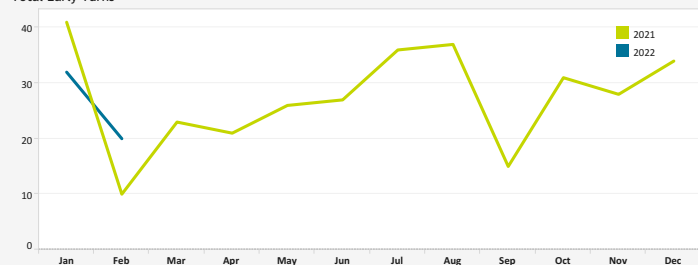
	Dec	Jan	Feb
Jets Turning Left	3,556	3,490	3,278
Between Z2000 and Noise Dots	422	466	378
Compliant with Nighttime departure Heading (290°)	270	231	231
Not Nighttime Compliant - Over La Jolla	22	9	25
Not Nighttime Compliant - Straight Out	4	4	2
Not Nighttime Compliant - East	32	2	0

Cause of Early Turns

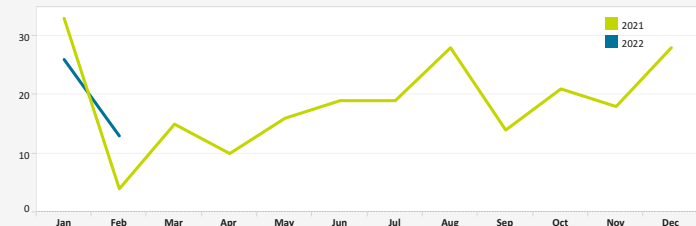
	Dec	Jan	Feb
Caused by ATC Vectors	18	30	20
Caused by Pilot Deviation	5	1	0
Caused by Weather	11	1	0



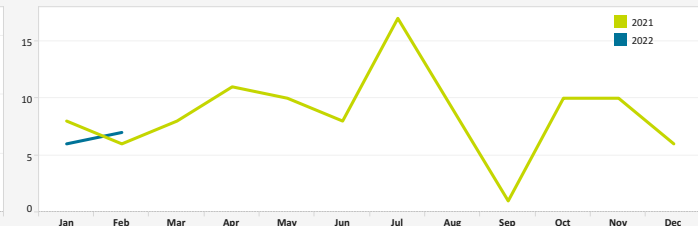
Total Early Turns



Over Point Loma



Over Mission Beach



Early Turns by Operator (February 2022)

Airline	Left Early Turns	Total Operator Departures	% Departures with Left Early Turns
Southwest Airlines	4	3,678	0.1%
General Aviation	4	1,796	0.2%
jetblue Airways	1	238	0.4%
FedEx Express	1	258	0.4%
Delta Air Lines	1	1,038	0.1%
American Airlines	1	1,032	0.1%
Alaska Airlines	1	1,049	0.1%

Early Turn by Operator (February 2022)

Airline	Right Early Turns	Total Operator Departures	% Departures with Right Early Turns
General Aviation	5	1,796	0.3%
United Airlines	1	1,127	0.1%
American Airlines	1	1,032	0.1%

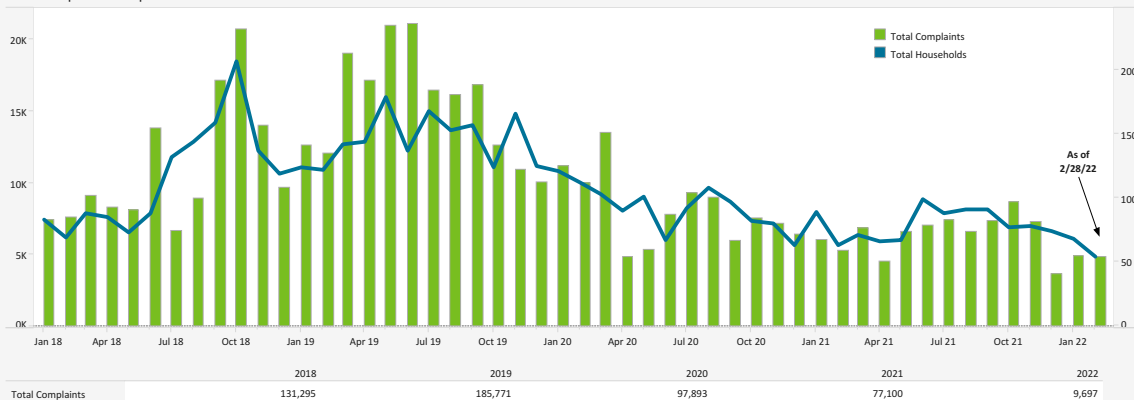
Data Disclaimer: We do our best to ensure that the data we release is complete, accurate and useful. However, because we do not create the data, and because the processing required to make the data useful is complex, we are not liable for omissions, inaccuracies or changes in the data.

NOISE COMPLAINT STATISTICS

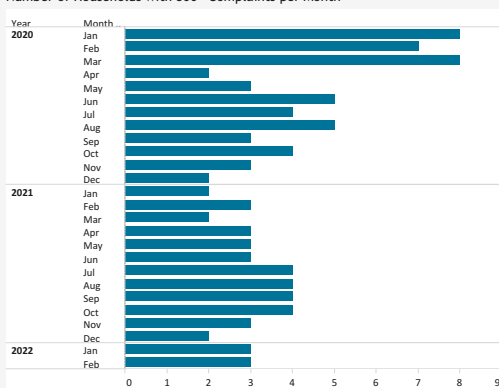


The Authority reports all complaints.

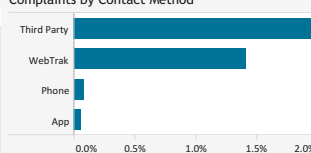
Total Complaints Compared to Total Households



Number of Households with 500+ Complaints per Month



Complaints by Contact Method



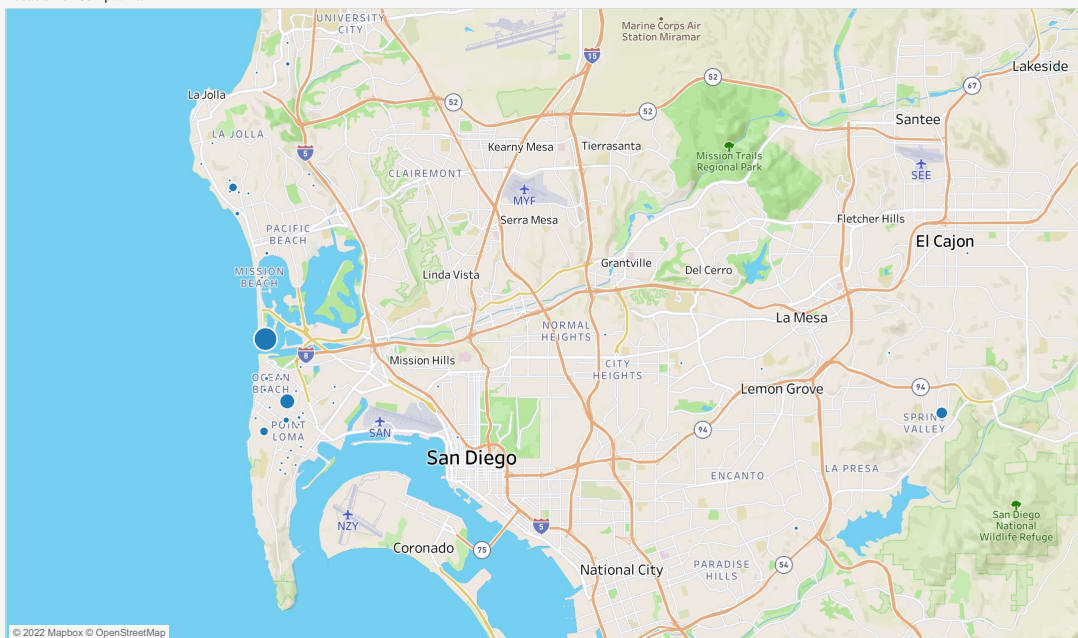
Disturbance Type

Disturbance Type	# Complaints	% Total
Too Loud	4,816	99.8%
Suspected Off Course	7	0.1%
Overflight	3	0.1%
Too Low	1	0.0%

Number of Complaints by Neighborhood (February 2022)

Neighborhood	Total Complaints	Total Households
Grand Total	4,827	54
Mission Beach	2,207	4
Point Loma Heights	1,055	7
Spring Valley	523	1
Bird Rock	331	4
Sunset Cliffs	285	3
Del Mar	99	1
Ocean Beach	70	3
La Jolla Heights	57	2
Pacific Beach	50	3
Bay Terraces	42	1
Muirlands	23	2
La Jolla Mesa	14	1
Loma Portal	14	2
Roseville-Fleet Ridge	10	3
Del Mar Heights	8	1
Beach Barber Tract	7	1
El Cerrito	6	1
Lower Hermosa	6	1
La Playa	4	3
Little Italy	4	1
Wooded Area	4	2
La Mesa	2	1
Casa De Oro-Mt. Helix	1	1
El Cajon	1	1
Kensington	1	1
La Jolla Shores	1	1
Loma Heights	1	1
Middletown	1	1

Location of Complaints



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.