

QUIETER HOME PROGRAM



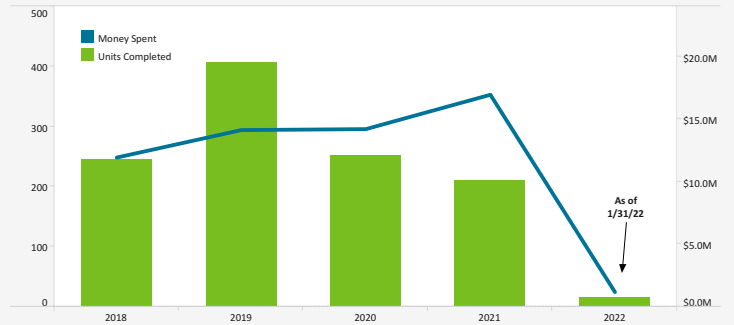
Quieter Home Program As Of: 01/31/2022

Status of Homes	
Added this month	9
Estimated Homes to Complete in CY 2022	400
Homes Completed this month	15
Homes on Wait List	697
Total Homes Completed	4,668

Project	Estimated Construction Start	# Homes
10.11	In Process	56
11.1	In Process	51
11.2	In Process	43
11.3	Winter 2022	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

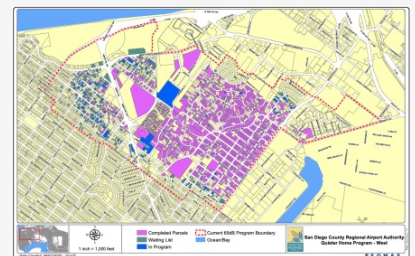
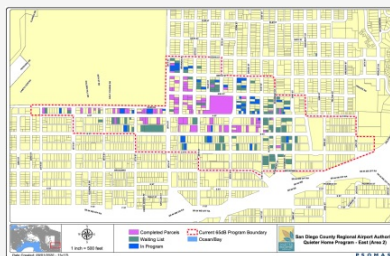
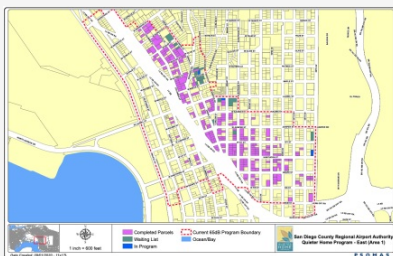
Overall Experience

Excellent	Satisfied	Unsatisfied
76%	22%	3%

Effectiveness

Question	Answer	Percentage
Effectiveness of Doors	Significant Improvement	92%
	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.

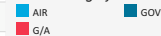
Curfew Violations (December 2021-January 2022)

Date, Time	Airline	Aircraft Type	Status
12/2/2021, 12:52 AM	Alaska Airlines	B738	FINED - \$20,000
12/15/2021, 11:37 PM	FedEx Express	B763	Not Fined
12/15/2021, 11:43 PM	Alaska Airlines	B739	Not Fined
12/16/2021, 11:38 PM	American Airlines	A321	Not Fined
12/16/2021, 11:40 PM	United Airlines	B738	Not Fined
12/17/2021, 11:37 PM	United Airlines	B38M	Not Fined
12/22/2021, 12:57 AM	jetBlue Airways	A321	FINED - \$10,000
12/24/2021, 12:58 AM	jetBlue Airways	A320	FINED - \$10,000
12/25/2021, 11:41 PM	jetBlue Airways	A320	Not Fined
12/25/2021, 12:25 AM	jetBlue Airways	A320	FINED - \$10,000
12/27/2021, 09:36 AM	Global Crossings	A320	FINED - \$2,000
12/27/2021, 11:41 PM	SkyWest Airlines	E75L	Not Fined
12/28/2021, 01:05 AM	jetBlue Airways	A320	FINED - \$10,000
12/28/2021, 01:07 AM	NG02SJ, LLC	CRJ2	FINED - \$6,000
12/28/2021, 11:31 PM	jetBlue Airways	A21N	FINED - \$10,000
12/31/2021, 11:40 PM	jetBlue Airways	A321	FINED - \$10,000
12/31/2021, 11:51 PM	jetBlue Airways	A320	FINED - \$10,000
1/3/2022, 01:25 AM	jetBlue Airways	A320	Pending Review
1/7/2022, 12:54 AM	GoJet	HDJT	Pending Review
1/30/2022, 12:16 AM	VistaJet	GLEX	Pending Review
1/31/2022, 11:53 PM	FedEx Express	A306	Pending Review

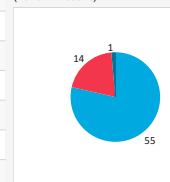
Annual Violations and Penalties Assessed (Year-to-Date)

Year	Total Violations	Fines Assessed
2018	60	\$254,000
2019	46	\$132,000
2020	18	\$16,000
2021	52	\$204,000
2022	4	\$0

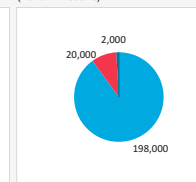
Airline Category



Violations by Airline Category (2020 - Present)

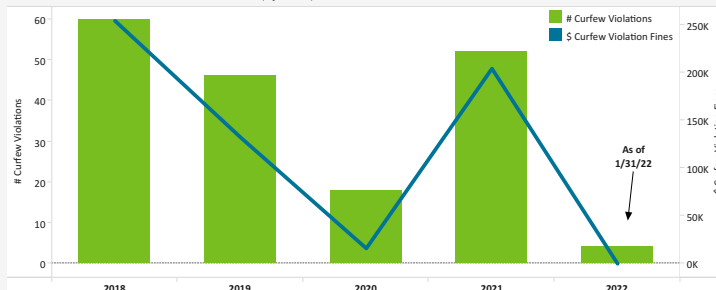


Fines Assessed by Airline Category (2020 - Present)



Airline Category	# Curfew Violations	\$ Curfew Violation Fines
AIR	55	\$198,000
G/A	14	\$20,000
GOV	1	\$2,000

Curfew Violations and Penalties Assessed (by Year)



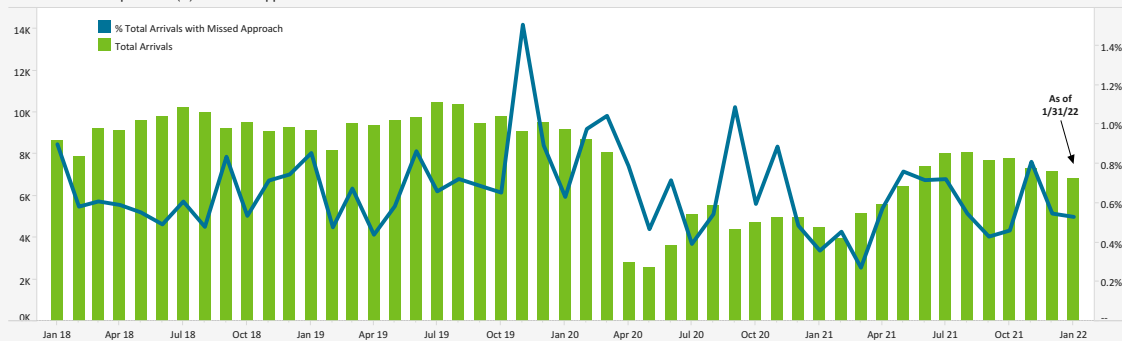
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MISSSED APPROACH STATISTICS



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%	0.5%
Total Arrivals	111,618	114,193	64,576	79,016	6,796
Total Missed Approaches	721	895	508	470	37

Missed Approach Location Statistics

	Nov		Dec		Jan			Nov	Dec	Jan
	Day	Night	Day	Night	Day	Night				
Between Noise Dot #1 - Noise Dot #2	2	2	1	0	0	0	Between 265°-295° Heading (Standard)	34	27	29
Between Noise Dot #2 - JETTI	10	2	15	0	20	1	East of Airport	18	9	2
Between JETTI - Noise Dot #3	13	3	9	1	6	2	Left of 265°	7	6	4
Between Noise Dot #3 - Noise Dot #4	5	1	5	1	2	1	Right of 295°	1	0	3
Between Noise Dot #4 - Noise Dot #5	0	1	1	0	1	0				

Total Missed Approaches



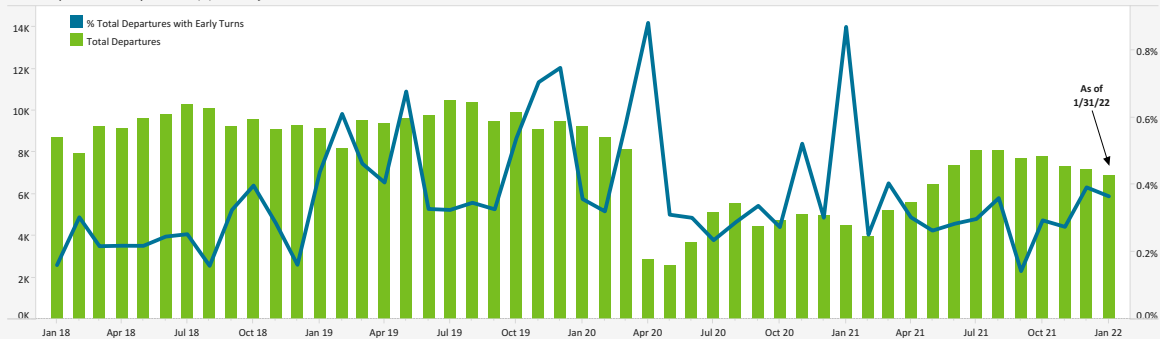
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EARLY TURN STATISTICS



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



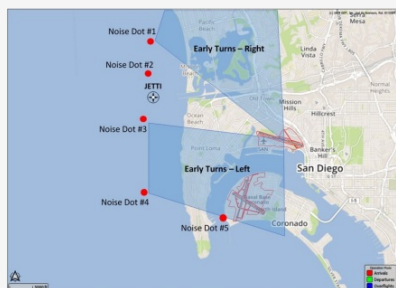
	2018	2019	2020	2021	2022
Total Early Turns	395	741	321	329	32

Departure Statistics

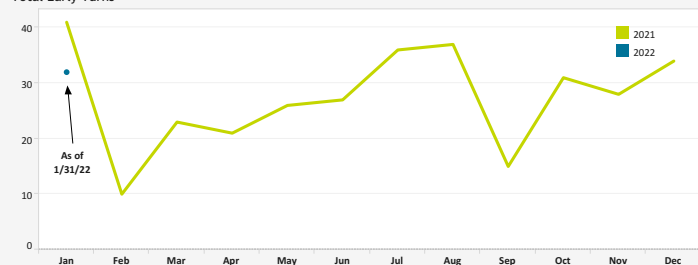
	Nov	Dec	Jan
Jets Turning Left	3,683	3,556	3,490
Between Z2000 and Noise Dots	359	422	466
Compliant with Nighttime departure Heading (290°)	233	270	231
Not Nighttime Compliant - Over La Jolla	15	22	9
Not Nighttime Compliant - Straight Out	3	4	4
Not Nighttime Compliant - East	15	32	2

Cause of Early Turns

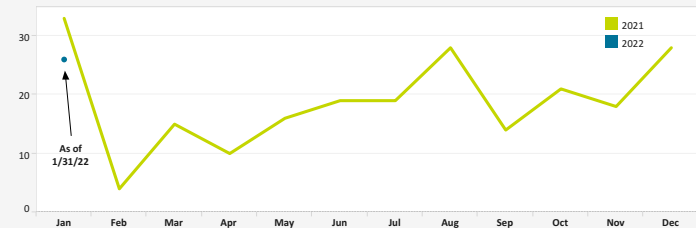
	Nov	Dec	Jan
Caused by ATC Vectors	22	18	30
Caused by Pilot Deviation	4	5	1
Caused by Weather	2	11	1



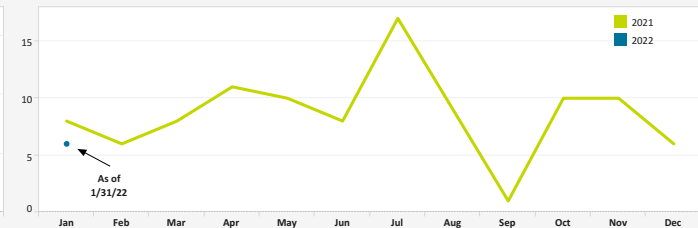
Total Early Turns



Over Point Loma



Over Mission Beach



Early Turns by Operator (January 2022)

Airline	Left Early Turns	Total Operator Departures	% Departures with Left Early Turns
Southwest Airlines	8	3,822	0.2%
General Aviation	7	1,752	0.4%
American Airlines	4	1,206	0.3%
United Airlines	2	1,199	0.2%
SkyWest Airlines	2	1,676	0.1%
jetBlue Airways	1	215	0.5%
Frontier Airlines	1	295	0.3%
Delta Air Lines	1	1,134	0.1%

Early Turn by Operator (January 2022)

Airline	Right Early Turns	Total Operator Departures	% Departures with Right Early Turns
General Aviation	3	1,752	0.2%
Southwest Airlines	2	3,822	0.1%
West Air	1	142	0.7%

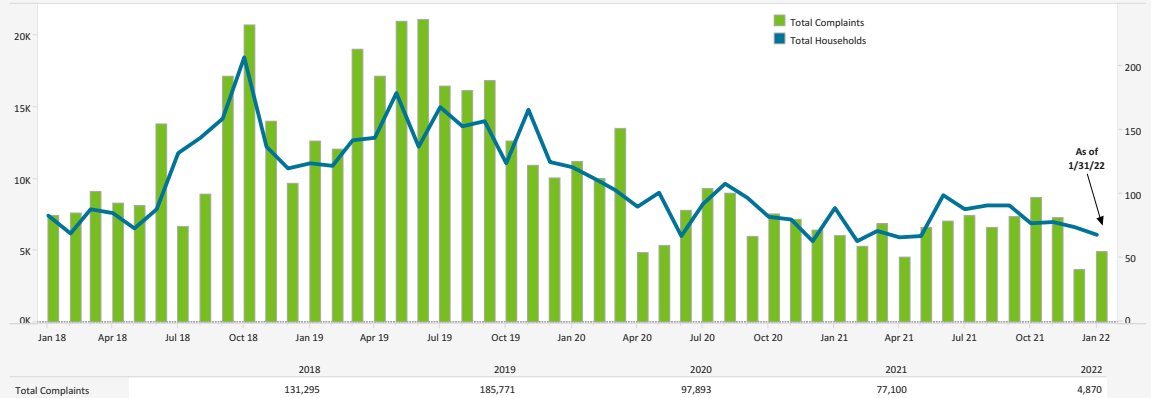
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NOISE COMPLAINT STATISTICS

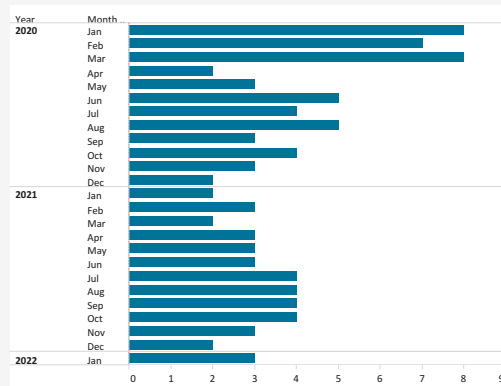


The Authority reports all complaints.

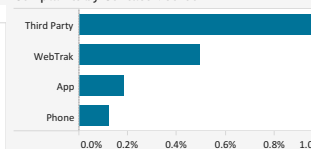
Total Complaints Compared to Total Households



Number of Households with 500+ Complaints per Month



Complaints by Contact Method



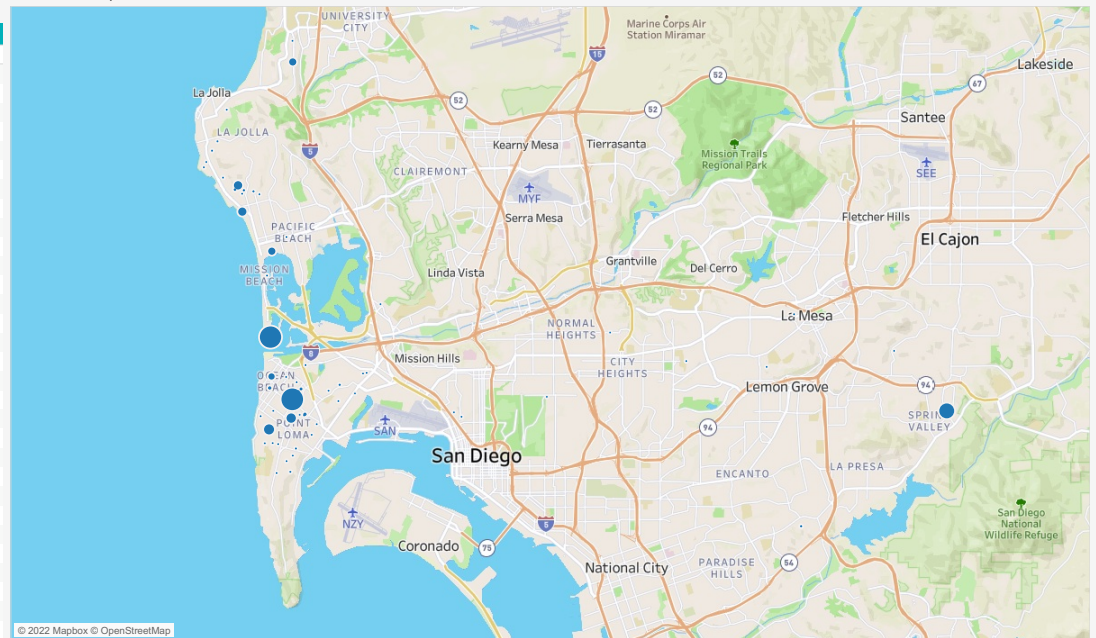
Disturbance Type

Disturbance Type	# Complaints	% Total
Too Loud	4,855	99.7%
Curfew Violation	8	0.2%
Suspected Off Course	3	0.1%
Overflight	2	0.0%
Off Course	1	0.0%
Too Low	1	0.0%

Number of Complaints by Neighborhood (January 2022)

Neighborhood	Total Complaints	Total Households
Grand Total	4,870	68
Point Loma Heights	1,602	10
Mission Beach	1,264	3
Spring Valley	615	1
Bird Rock	398	5
Sunset Cliffs	300	4
Ocean Beach	160	5
Pacific Beach	144	2
La Jolla Heights	141	2
Del Mar	89	1
Beach Barber Tract	22	3
Loma Portal	22	4
La Jolla Mesa	17	2
Muirlands	14	1
Bay Terraces	13	1
Roseville-Fleet Ridge	13	3
La Playa	11	2
Del Mar Heights	7	1
El Cerrito	7	1
La Mesa	6	2
Lower Hermosa	6	2
Wooded Area	6	4
Upper Hermosa	4	1
North Park	2	1
Bankers Hill	1	1
Casa De Oro-Mt. Helix	1	1
Kensington	1	1
La Jolla Village	1	1
Midway District	1	1
Morena District	1	1
Uptown	1	1

Location of Complaints



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