

QUIETER HOME PROGRAM



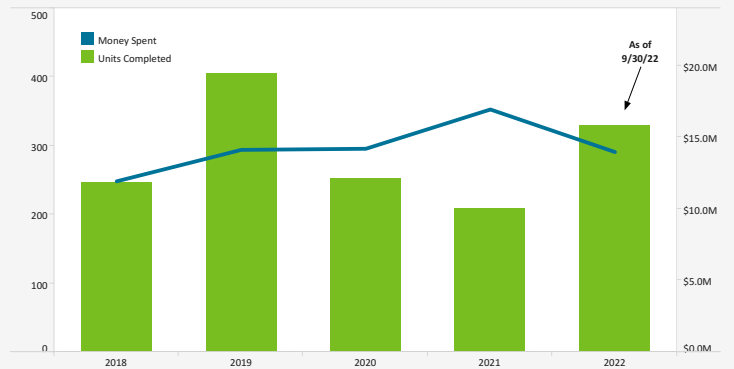
Quieter Home Program As Of: 9/30/2022

Status of Homes	
Added this Month	19
Homes Completed this Month	63
Estimated Homes to Complete in CY 2022	400
Homes on Wait List	604
Total Homes Completed	4,983
Amount Spent on Multi-Family Units (USD) this Month	661,488

Project	Estimated Construction Start	# Homes
11.4 (QNRP)	Winter 2022	1
11.5	In Process	34
11.6	In Process	119
11.7	In Process	53
11.8	Fall 2022	112
11.9	Winter 2023	32
11.10	Winter 2023	142
11.11	Winter 2023	48
11.12	Fall 2022	52
12.1	Summer 2023	34
12.2	Spring 2023	35
12.3	Summer 2023	37
12.4 (QNRP)	Winter 2024	3
12.5 (QNRP)	Winter 2024	3
12.6	Fall 2023	62
12.7	Fall 2023	35
12.8	Spring 2024	29
12.9	Spring 2024	30
12.10	Spring 2024	45

QNRP: Quieter Non-Residential Pr..

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



Post – Construction Homeowner Survey Results

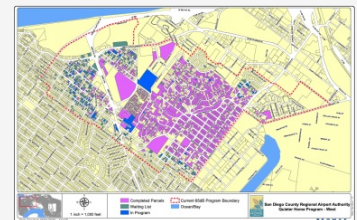
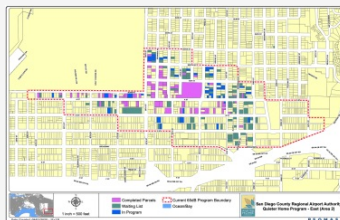
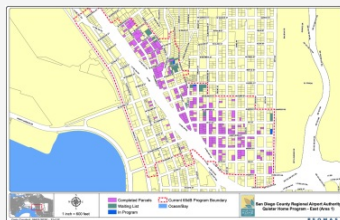
Overall Experience

Excellent	Satisfied	Unsatisfied
76%	21%	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 (August - September 2022)

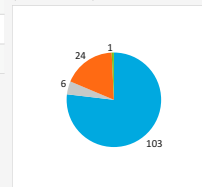
Date, Time	Airline	Aircraft Type	Status
8/6/2022, 12:25 AM	United Airlines	B738	Not Fined
8/8/2022, 12:45 AM	American Airlines	A321	Not Fined
8/11/2022, 11:55 PM	FedEx	A306	Not Fined
8/13/2022, 11:33 PM	Alaska Airlines	B739	Not Fined
8/15/2022, 12:24 AM	Pentastar aviation	GLF4	FINED - \$2,000
8/26/2022, 11:41 PM	Alaska Airlines	B39M	FINED - \$10,000
9/1/2022, 11:30 PM	Alaska Airlines	B739	Not Fined
9/3/2022, 12:43 AM	United Airlines	B738	Not Fined
9/9/2022, 12:42 AM	Alaska Airlines	B39M	Not Fined
9/26/2022, 11:32 PM	Alaska Airlines	B739	Pending Review
9/27/2022, 11:30 PM	Delta Air Lines	B738	Pending Review
9/29/2022, 11:30 PM	Alaska Airlines	B739	Pending Review

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

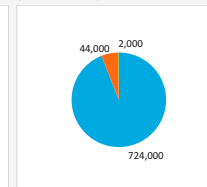
Year	Total Violations	Fines Assessed
2018	60	\$254,000
2019	46	\$132,000
2020	18	\$16,000
2021	52	\$204,000
2022	64	\$550,000

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

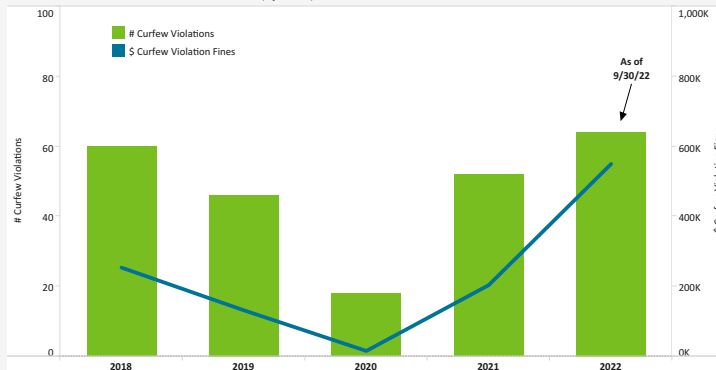
Violations by Airline Category (2020 - Present)



Fines Assessed by Airline Category (2020 - Present)



Curfew Violations and Penalties Assessed (by Year)



Airline Category	# Curfew Violations	\$ Curfew Violation Fines
A - Air	103	\$724,000
C - Cargo	6	\$0
G - G/A	24	\$44,000
M - Mil	1	\$2,000

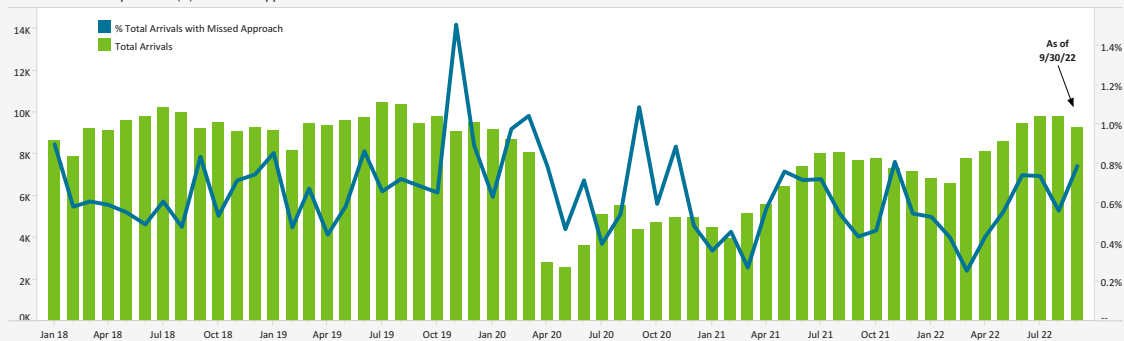
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MISSED APPROACH STATISTICS



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

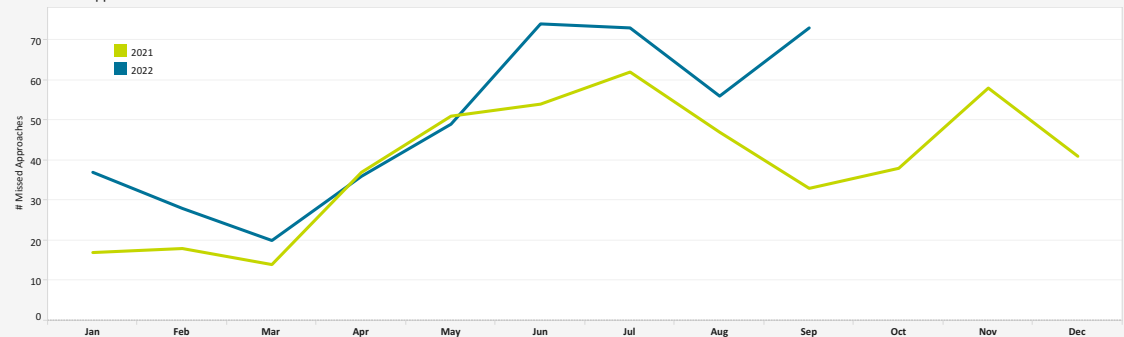


	2018	2019	2020	2021	2022
% Total Arrivals with Missed Approach	0.6%	0.8%	0.7%	0.6%	0.6%
Total Arrivals	111,618	114,193	64,576	79,016	76,214
Total Missed Approaches	721	895	508	470	446

Missed Approach Location Statistics

	Jul		Aug		Sep			Jul	Aug	Sep
	Day	Night	Day	Night	Day	Night				
Between Noise Dot #1 - Noise Dot #2	0	1	0	1	0	2	Between 265°-295° Heading (Standard)	47	31	49
Between Noise Dot #2 - JETTI	25	4	11	6	23	2	East of Airport	6	8	10
Between JETTI - Noise Dot #3	16	1	12	1	20	3	Left of 265°	13	8	9
Between Noise Dot #3 - Noise Dot #4	9	2	5	2	6	1	Right of 295°	5	8	11
Between Noise Dot #4 - Noise Dot #5	1	0	1	0	1	1				

Total Missed Approaches



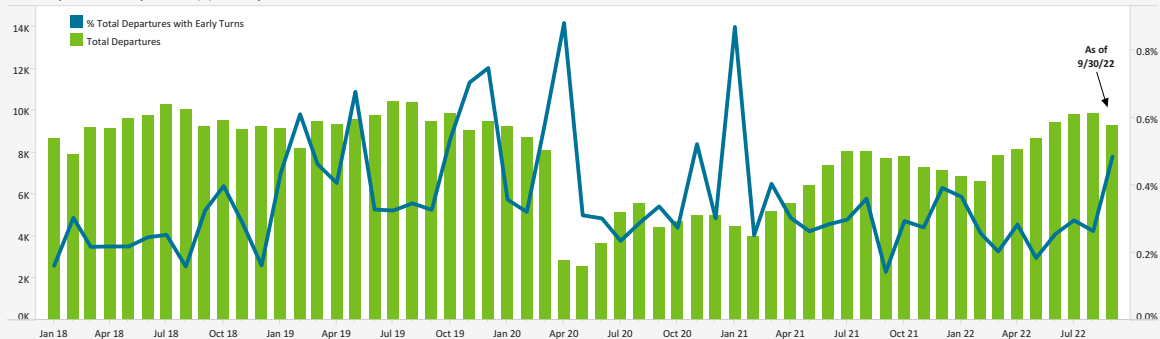
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EARLY TURN STATISTICS



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



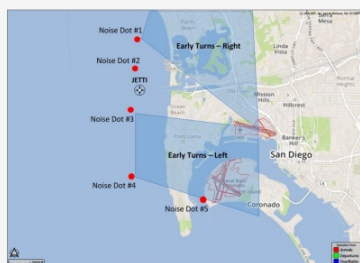
	2018	2019	2020	2021	2022
Total Early Turns	395	741	321	329	324

Departure Statistics

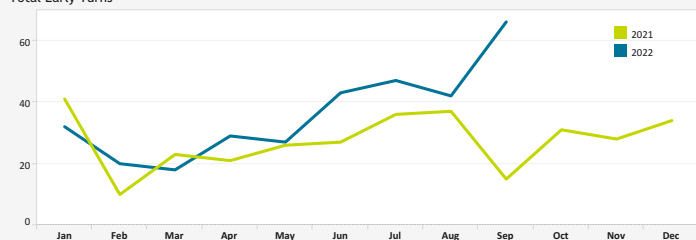
	Jul	Aug	Sep
Jets Turning Left	4,454	4,595	4,207
Between Z2000 and Noise Dots	571	652	506
Compliant with Nighttime departure Heading (290°)	530	512	367
Not Nighttime Compliant - Over La Jolla	25	31	43
Not Nighttime Compliant - Straight Out	8	5	7
Not Nighttime Compliant - East	0	0	0

Cause of Early Turns

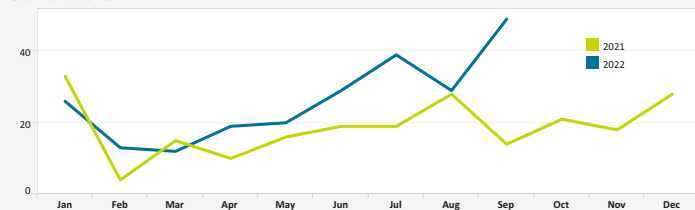
	Jul	Aug	Sep
Caused by ATC Vectors	46	41	66
Caused by Pilot Deviation	1	1	0
Caused by Weather	0	0	0



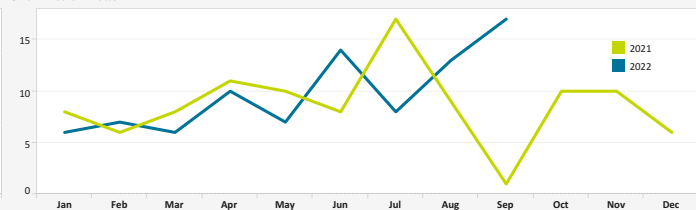
Total Early Turns



Over Point Loma



Over Mission Beach



Early Turns by Operator (September 2022)

Airline	Left Early Turns	Total Operator Departures	% Departures with Left Early Turns
Southwest Airlines	11	6,296	0.2%
SkyWest Airlines	2	1,814	0.1%
United Airlines	4	1,628	0.2%
Delta Air Lines	10	1,496	0.7%
Alaska Airlines	2	1,435	0.1%
American Airlines	4	1,210	0.3%
General Aviation	5	735	0.7%
NetJets	4	356	1.1%
Frontier Airlines	1	333	0.3%
jetBlue Airways	2	287	0.7%
FedEx	1	213	0.5%
BOEING COMPANY	1	113	0.9%
UNITED DEVELOPMENT GROUP INC	1	4	25.0%
CASEY CO	1	2	50.0%

Early Turn by Operator (September 2022)

Airline	Right Early Turns	Total Operator Departures	% Departures with Right Early Turns
Southwest Airlines	3	6,296	0.0%
SkyWest Airlines	4	1,814	0.2%
United Airlines	1	1,628	0.1%
American Airlines	1	1,210	0.1%
General Aviation	1	735	0.1%
Spirit Airlines	1	358	0.3%
NetJets	1	356	0.3%
BOEING COMPANY	1	113	0.9%
Jazz	1	60	1.7%
MED AIR LLC	1	2	50.0%
MC HAWKER LLC	1	2	50.0%
JANKE CHERYL A	1	2	50.0%

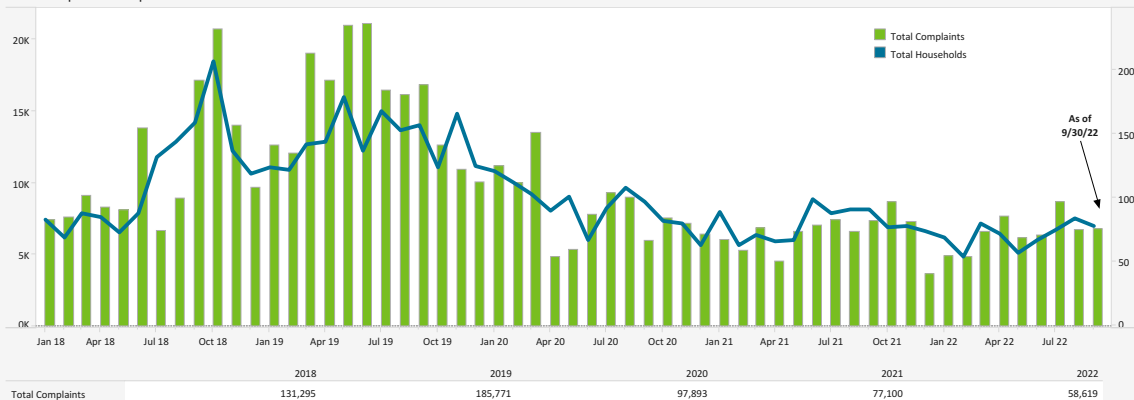
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NOISE COMPLAINT STATISTICS

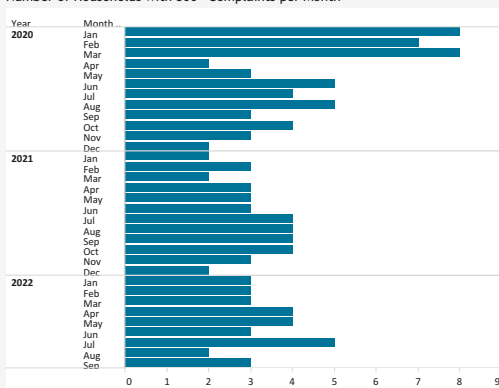


The Authority reports all complaints.

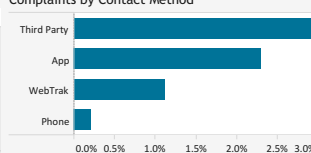
Total Complaints Compared to Total Households



Number of Households with 500+ Complaints per Month



Complaints by Contact Method



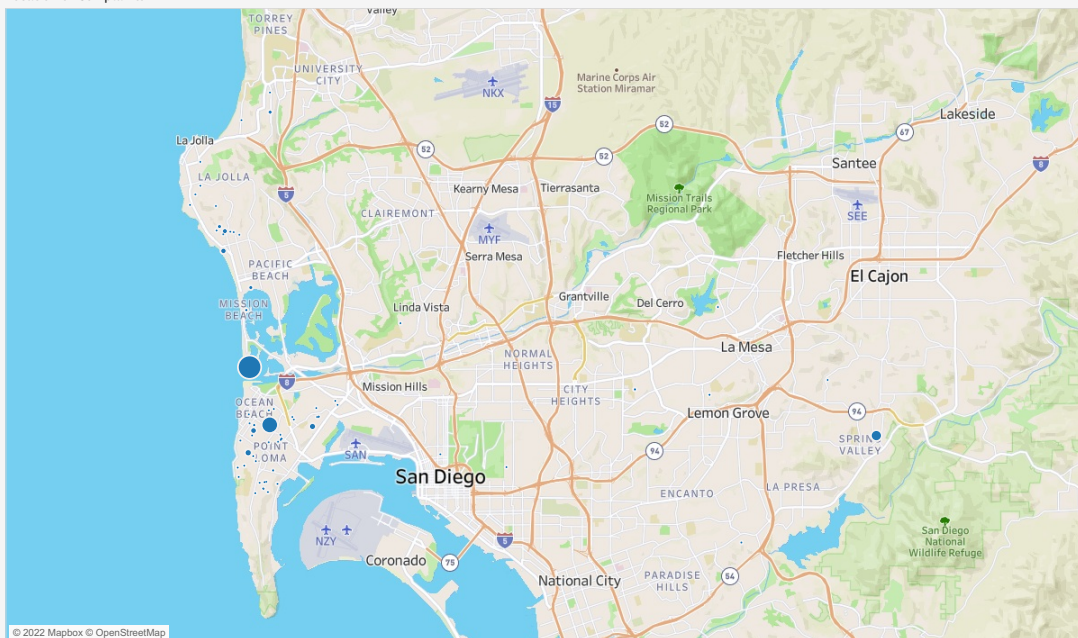
Disturbance Type

Disturbance Type	# Complaints	% Total
Too Loud	6,583	97.2%
Overflight	126	1.9%
Curfew Violation	27	0.4%
Suspected Off Course	21	0.3%
Other	4	0.1%
Too Low	4	0.1%
Fixed Wing	3	0.0%
Off Course	3	0.0%

Number of Complaints by Neighborhood (September 2022)

Neighborhood	Total Complaints	Total Households
Grand Total	6,771	78
Mission Beach	3,316	6
Point Loma Heights	1,640	12
Spring Valley	561	1
Sunset Cliffs	254	8
Bird Rock	209	4
Loma Portal	177	7
Muirlands	103	2
Del Mar	100	1
La Jolla Heights	67	2
Pacific Beach	59	1
La Mesa	37	2
El Cerrito	30	1
Roseville-Fleet Ridge	29	1
Ocean Beach	28	6
Beach Barber Tract	26	3
Wooded Area	24	6
Bay Terraces	23	1
La Playa	22	2
La Jolla	19	2
La Jolla Mesa	17	3
Del Mar Heights	12	1
Casa De Oro-Mount Helix	8	1
Lower Hermosa	5	1
Linda Vista	2	1
Bankers Hill	1	1
La Jolla Shores	1	1
South Park	1	1

Location of Complaints



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