

QUIETER HOME PROGRAM



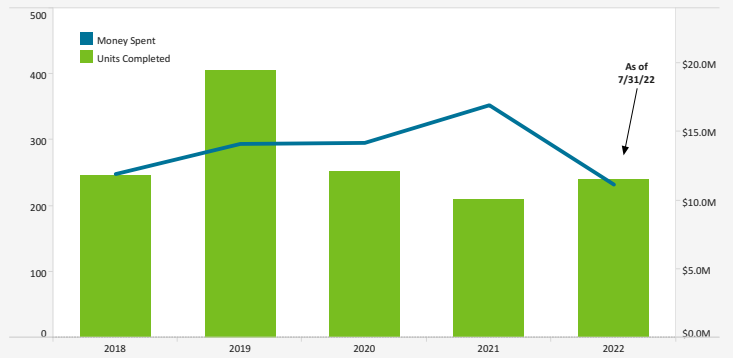
Quieter Home Program As Of: 7/31/2022

Status of Homes	
Added this month	3
Homes Completed this month	27
Estimated Homes to Complete in CY 2022	400
Homes on Wait List	600
Total Homes Completed	4,892
Amount Spent on Multi-Family Units (USD) this Month	454,670

Project	Estimated Construction Start	# Homes
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
12.8	Spring 2024	28
12.9	Spring 2024	52

QNRP: Quieter Non-Residential Pr..

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



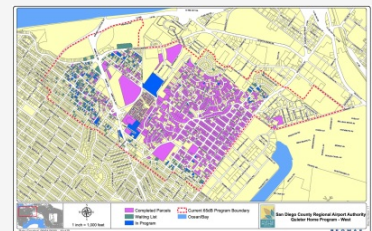
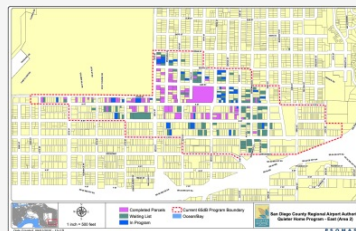
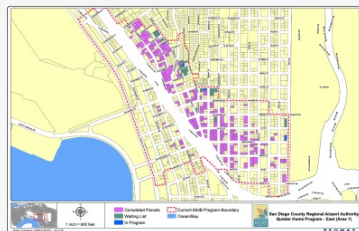
Post – Construction Homeowner Survey Results

Overall Experience	Excellent	Satisfied	Unsatisfied
	76%	22%	3%

Effectiveness

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 (June - July 2022)

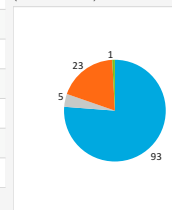
Date, Time	Airline	Aircraft Type	Status
6/6/2022, 11:30 PM	FedEx	A306	Not Fined
6/6/2022, 11:49 PM	Alaska Airlines	B738	FINED - \$40,000
6/9/2022, 11:30 PM	SkyWest Airlines	E170	FINED - \$40,000
6/17/2022, 12:04 AM	Delta Air Lines	B738	FINED - \$6,000
6/18/2022, 12:18 AM	Delta Air Lines	B739	FINED - \$10,000
6/20/2022, 11:30 PM	Southwest Airlines	B737	FINED - \$2,000
6/20/2022, 11:36 PM	Southwest Airlines	B737	FINED - \$6,000
6/22/2022, 11:31 PM	Alaska Airlines	B739	Not Fined
6/24/2022, 11:58 PM	American Airlines	A321	FINED - \$2,000
6/27/2022, 11:43 PM	Jet Aviation Business Jets LTD	GLF6	FINED - \$2,000
7/7/2022, 11:30 PM	SkyWest Airlines	E170	Pending Review
7/8/2022, 11:51 PM	Delta Air Lines	B739	Pending Review
7/11/2022, 11:43 PM	Alaska Airlines	B739	Pending Review
7/14/2022, 12:05 AM	Delta Air Lines	A321	Pending Review
7/15/2022, 11:43 PM	Alaska Airlines	B739	Pending Review
7/15/2022, 12:23 AM	Allegiant Air	A320	Pending Review
7/22/2022, 12:32 AM	jetBlue Airways	A320	Pending Review

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

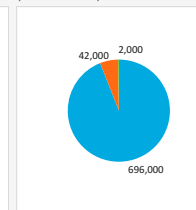
Year	Total Violations	Fines Assessed
2018	60	\$254,000
2019	46	\$132,000
2020	18	\$16,000
2021	52	\$204,000
2022	52	\$520,000

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

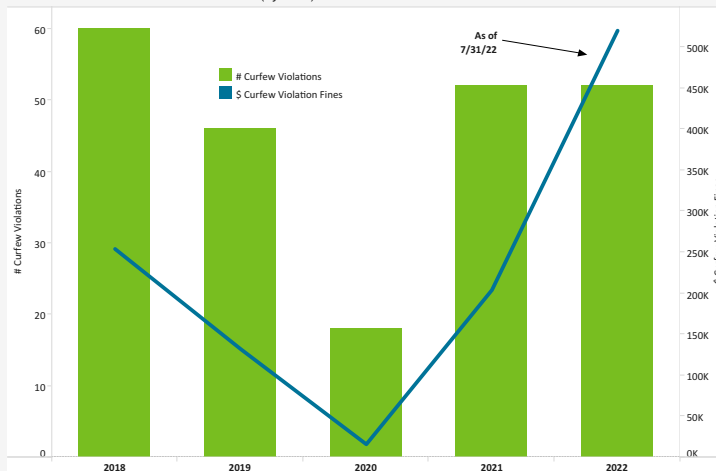
Violations by Airline Category (2020 - Present)



Fines Assessed by Airline Category (2020 - Present)



Curfew Violations and Penalties Assessed (by Year)



Airline Category	# Curfew Violations	\$ Curfew Violation Fines
A - Air	93	\$696,000
C - Cargo	5	\$0
G - G/A	23	\$42,000
M - Mil	1	\$2,000

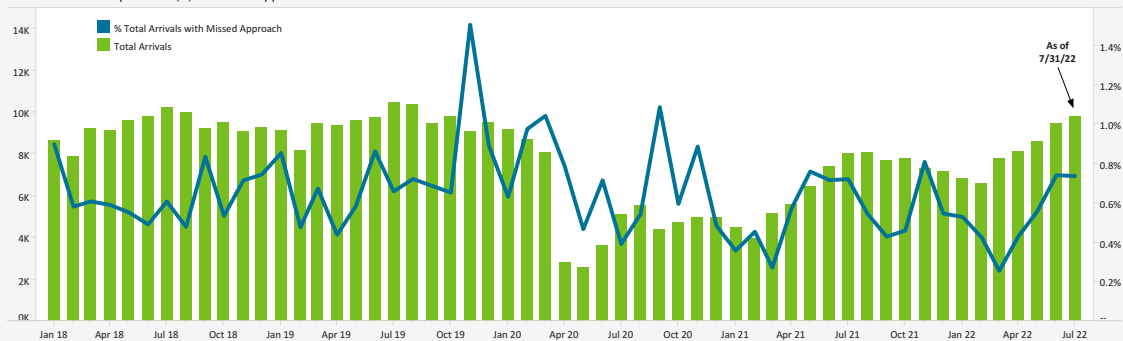
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**MISSED APPROACH STATISTICS**



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

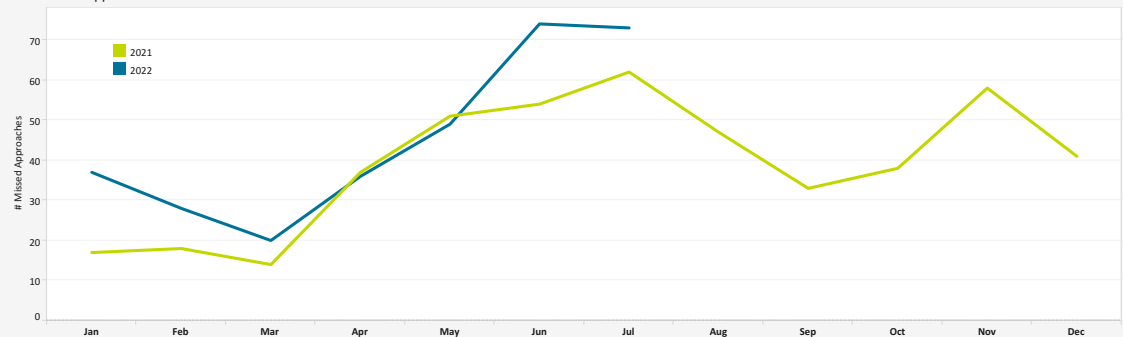


	2018	2019	2020	2021	2022
% Total Arrivals with Missed Approach	0.6%	0.8%	0.7%	0.6%	0.5%
Total Arrivals	111,618	114,193	64,576	79,016	57,149
Total Missed Approaches	721	895	508	470	317

Missed Approach Location Statistics

	May		Jun		Jul			May	Jun	Jul
	Day	Night	Day	Night	Day	Night				
Between Noise Dot #1 - Noise Dot #2	1	0	3	1	0	1	Between 265°-295° Heading (Standard)	36	38	47
Between Noise Dot #2 - JETTI	20	2	23	3	25	4	East of Airport	2	17	6
Between JETTI - Noise Dot #3	12	1	6	2	16	1	Left of 265°	6	12	13
Between Noise Dot #3 - Noise Dot #4	3	0	10	0	9	2	Right of 295°	5	7	5
Between Noise Dot #4 - Noise Dot #5	3	0	2	0	1	0				

Total Missed Approaches



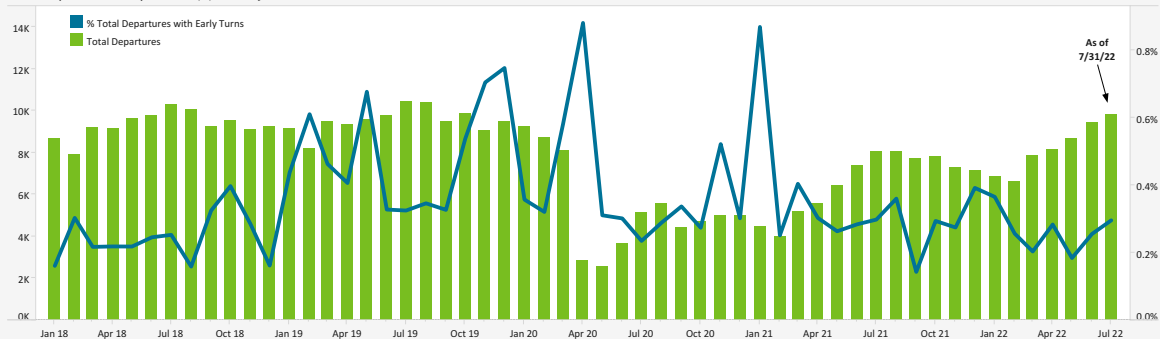
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EARLY TURN STATISTICS



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



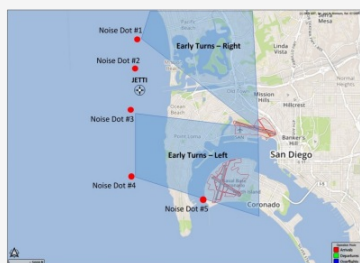
	2018	2019	2020	2021	2022
Total Early Turns	395	741	321	329	216

Departure Statistics

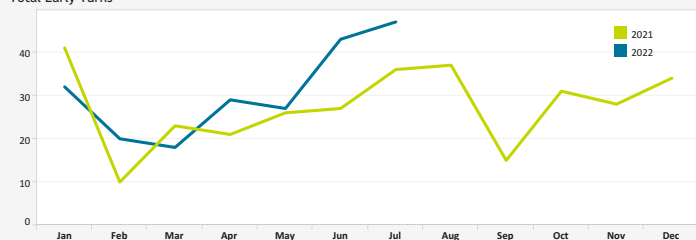
	May	Jun	Jul
Jets Turning Left	4,075	4,251	4,454
Between Z2000 and Noise Dots	454	475	571
Compliant with Nighttime departure Heading (290°)	401	440	530
Not Nighttime Compliant - Over La Jolla	19	31	25
Not Nighttime Compliant - Straight Out	6	5	8
Not Nighttime Compliant - East	0	0	0

Cause of Early Turns

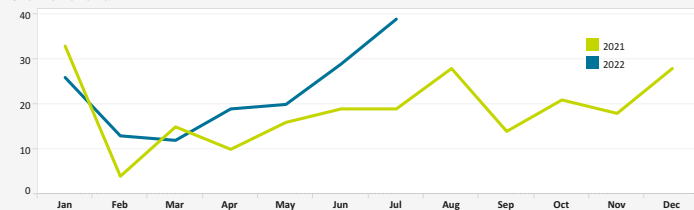
	May	Jun	Jul
Caused by ATC Vectors	23	41	46
Caused by Pilot Deviation	4	1	1
Caused by Weather	0	0	0



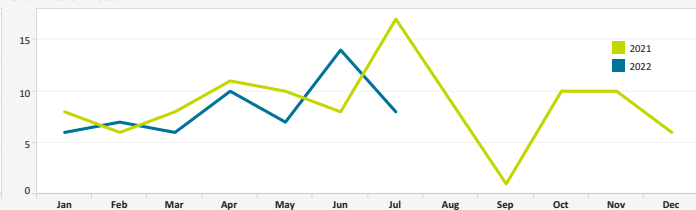
Total Early Turns



Over Point Loma



Over Mission Beach



Early Turns by Operator (July 2022)

Airline	Left Early Turns	Total Operator Departures	% Departures with Left Early Turns
Southwest Airlines	7	6,728	0.1%
SkyWest Airlines	3	2,027	0.1%
United Airlines	6	1,746	0.3%
Delta Air Lines	4	1,534	0.3%
Alaska Airlines	2	1,514	0.1%
American Airlines	4	1,321	0.3%
General Aviation	4	789	0.5%
Spirit Airlines	1	434	0.2%
jetBlue Airways	1	336	0.3%
Frontier Airlines	2	324	0.6%
UPS Airlines	1	62	1.6%
WestJet	1	60	1.7%
British Airways	1	54	1.9%
Lufthansa	1	42	2.4%
SALE REPORTED	1	6	16.7%

Early Turn by Operator (July 2022)

Airline	Right Early Turns	Total Operator Departures	% Departures with Right Early Turns
Southwest Airlines	2	6,728	0.0%
SkyWest Airlines	1	2,027	0.0%
Delta Air Lines	1	1,534	0.1%
NetJets	1	358	0.3%
jetBlue Airways	1	336	0.3%
Chrysler Aviation Inc	1	12	8.3%
Reno Flying Service	1	2	50.0%

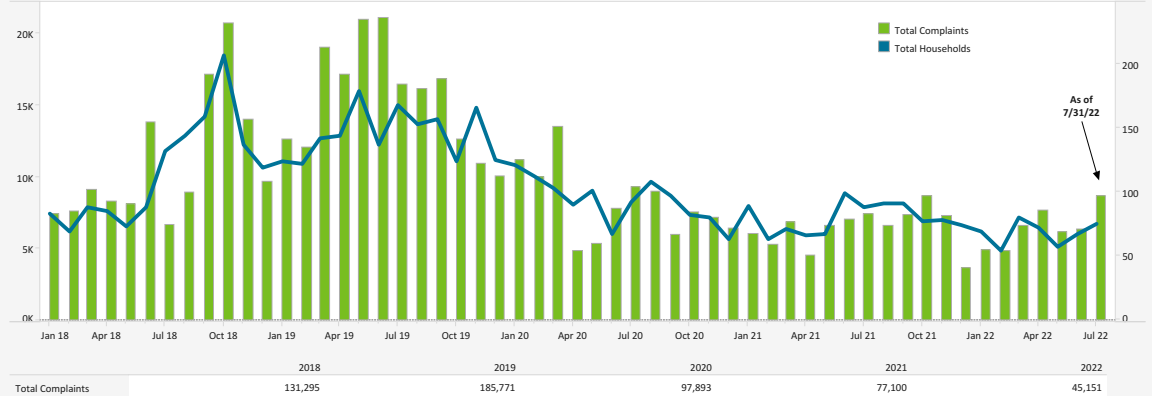
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**NOISE COMPLAINT STATISTICS**

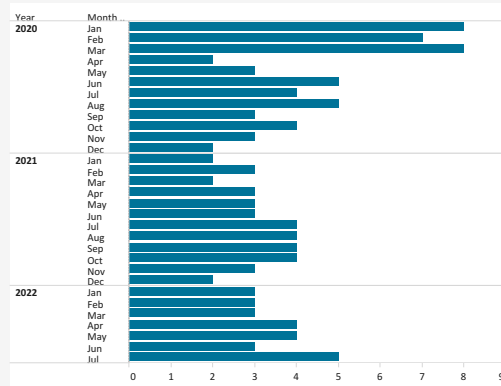


The Authority reports all complaints.

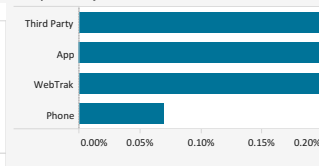
Total Complaints Compared to Total Households



Number of Households with 500+ Complaints per Month



Complaints by Contact Method



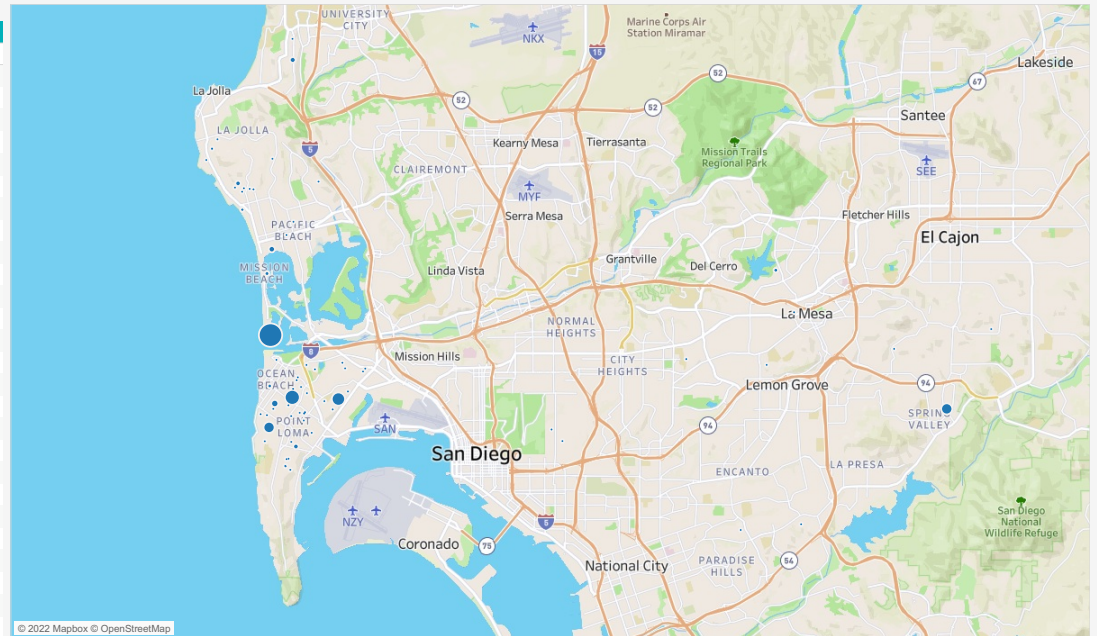
Disturbance Type

Disturbance Type	# Complaints	% Total
Too Loud	8,544	98.4%
Overflight	64	0.7%
Suspected Off Course	37	0.4%
Curfew Violation	24	0.3%
Other	11	0.1%
Fixed Wing	2	0.0%
Off Course	2	0.0%

Number of Complaints by Neighborhood (July 2022)

Neighborhood	Total Complaints	Total Households
Grand Total	8,684	75
Mission Beach	3,910	4
Point Loma Heights	1,611	17
Loma Portal	971	4
Sunset Cliffs	744	5
Spring Valley	640	1
Pacific Beach	157	4
Bird Rock	141	4
La Jolla Heights	118	2
Roseville-Fleet Ridge	97	5
La Mesa	63	3
Ocean Beach	49	3
Beach Barber Tract	47	2
La Jolla Mesa	30	2
El Cerrito	25	1
Muirlands	17	1
Del Mar	15	1
Wooded Area	10	4
Del Mar Heights	8	1
Casa De Oro-Mount Helix	7	2
Lower Hermosa	7	1
La Playa	6	1
Bay Terraces	4	2
La Jolla Alta	2	1
Loma Heights	2	1
South Park	2	2
Midway District	1	1

Location of Complaints



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