

QUIETER HOME PROGRAM



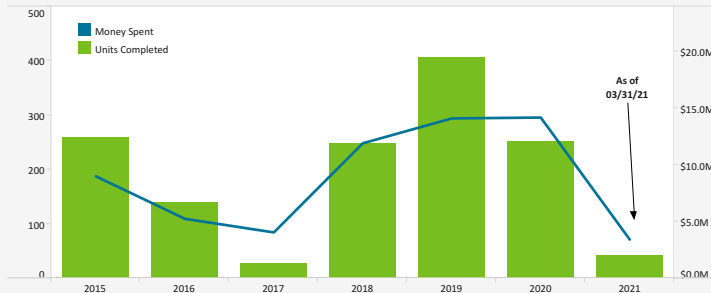
Quieter Home Program As Of: 03/31/2021

Status of Homes	
Homes on Wait List	1,199
Homes Added to Wait List This Month	18
Homes Completed This Month	15
Total Homes Completed	4,486
Estimated Homes to Complete in CY 2021	350

Project	Estimated Construction Start	# Homes
10.5	In Process	13
10.7	Spring 2021	40
10.8	Summer 2021	51
10.9	Winter 2021	13
10.10	Spring 2021	36
10.11	Summer 2021	56
10.12	Summer 2021	13
11.1	Fall 2021	51
11.2	Winter 2022	43
11.3	Winter 2022	102
11.4 (QNRP)	Spring 2022	1
11.5	Spring 2022	39
11.6	Spring 2022	22

QNRP: Quieter Non-Residential Pr..

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

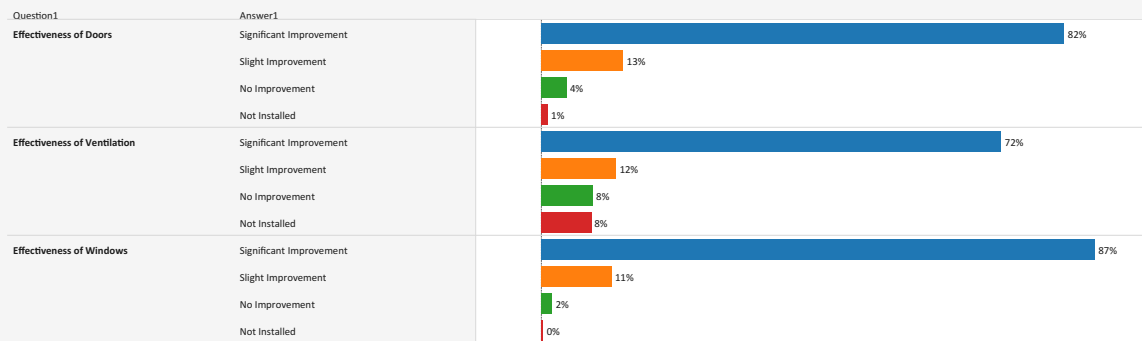


Overall Experience

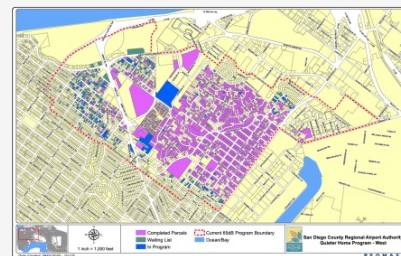
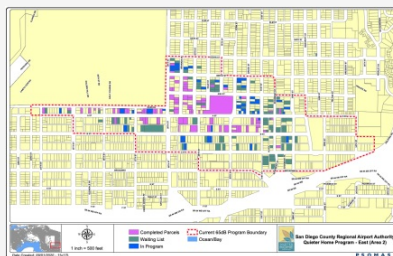
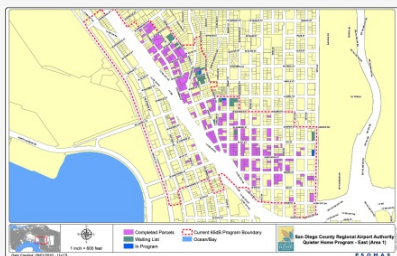
Post – Construction Homeowner Survey Results

Excellent	Satisfied	Unsatisfied
76%	22%	3%

Effectiveness



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**



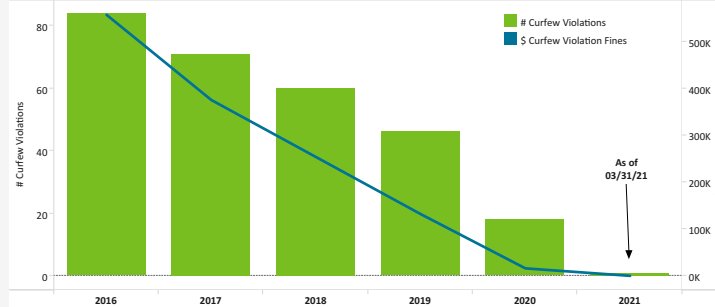
Curfew Violations (None for March 2021)

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

Year	Total Violations	Fines Assessed
2016	84	\$558,000
2017	71	\$376,000
2018	60	\$254,000
2019	46	\$132,000
2020	18	\$16,000
2021	1	\$0

Noise Curfew Violations: Any aircraft that departs after 11:30 p.m. and before 6:30 a.m. is subject to a penalty.

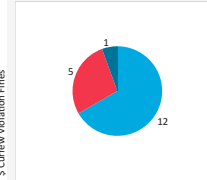
Curfew Violations and Penalties Assessed (by Year)



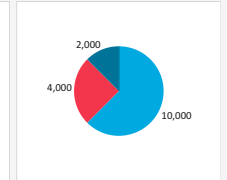
Airline Category

- AIR
- G/A
- GOV

Violations by Airline Category (2020 - Present)



Fines Assessed by Airline Category (2020 - Present)



Airline Category	# Curfew Violations	\$ Curfew Violation Fines
AIR	12	\$10,000
G/A	5	\$4,000
GOV	1	\$2,000

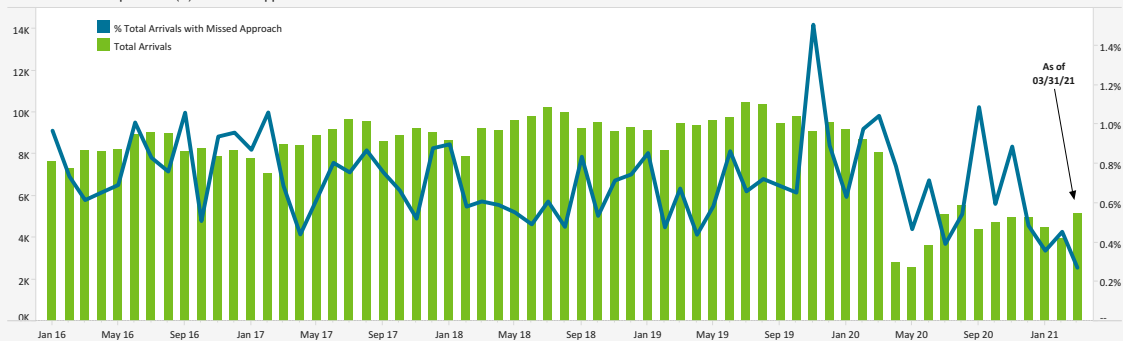
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**MISSSED APPROACH STATISTICS**



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

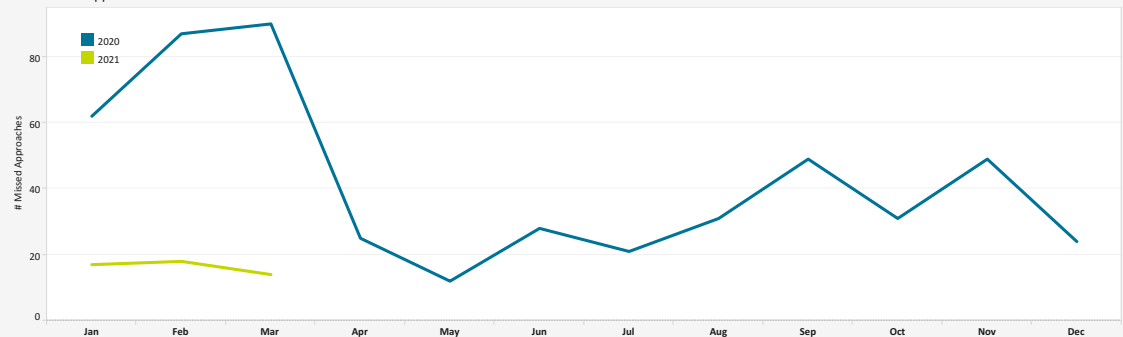


	2016	2017	2018	2019	2020	2021
% Total Arrivals with Missed Approach	0.8%	0.7%	0.6%	0.8%	0.7%	0.4%
Total Arrivals	98,756	104,725	111,618	114,193	64,576	13,588
Total Missed Approaches	832	795	721	895	508	49

Missed Approach Location Statistics

	Jan		Feb		Mar			Jan	Feb	Mar
	Day	Night	Day	Night	Day	Night				
Between Noise Dot #1 - Noise Dot #2	0	0	0	0	0	0	Between 265°-295° Heading (Standard)	8	16	10
Between Noise Dot #2 - JETTI	3	1	9	1	3	1	Left of 265°	1	0	1
Between JETTI - Noise Dot #3	4	0	5	1	5	1	Right of 295°	1	0	1
Between Noise Dot #3 - Noise Dot #4	1	0	0	0	1	0	East of Airport	7	2	1
Between Noise Dot #4 - Noise Dot #5	0	0	0	0	0	0				

Total Missed Approaches



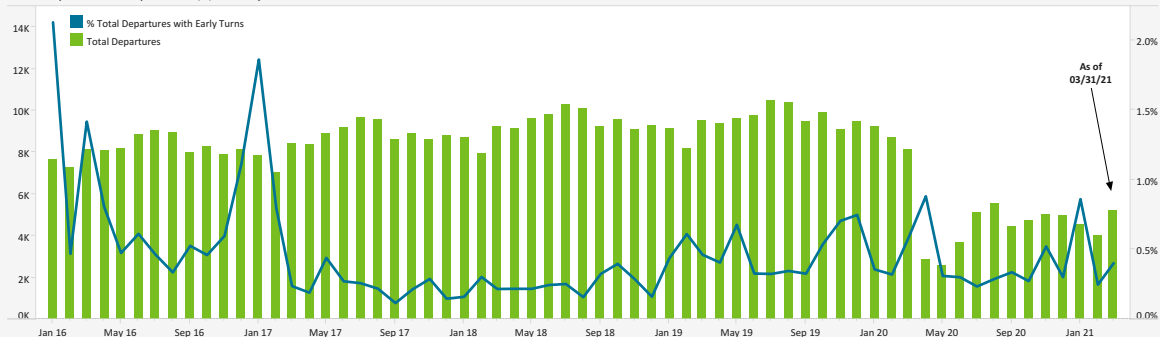
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EARLY TURN STATISTICS



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



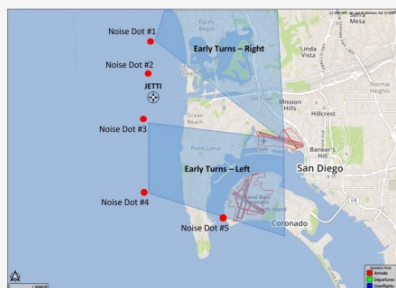
Year	2016	2017	2018	2019	2020	2021
Total Early Turns	914	558	395	741	321	74

Departure Statistics (March 2021)

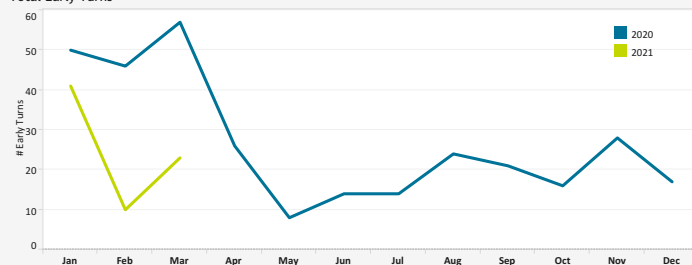
	Jan	Feb	Mar
Jets Turning Left	2,200	2,049	2,910
Between Z2000 and Noise Dots	334	282	518
Compliant with Nighttime departure Heading (290°)	52	47	167
Not Nighttime Compliant - Over La Jolla	10	8	10
Not Nighttime Compliant - East	2	0	0
Not Nighttime Compliant - Straight Out	1	0	5

Cause of Early Turns (March 2021)

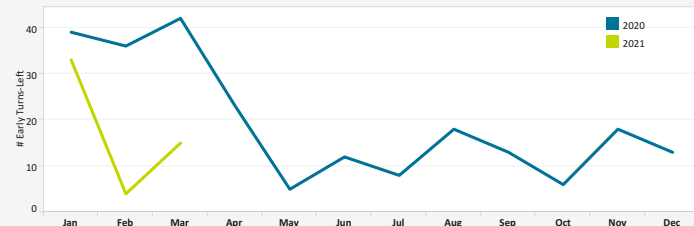
	Jan	Feb	Mar
Caused by ATC Vectors	15	10	21
Caused by Pilot Deviation	1	0	2
Caused by Weather	25	0	0



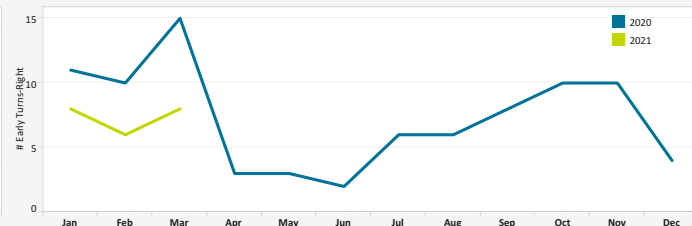
Total Early Turns



Over Point Loma



Over Mission Beach



Early Turns by Operator (March 2021)

Airline	Left Early Turns	Total Operator Departures	% Departures with Left Early Turns
General Aviation	7	1,538	0.5%
United Airlines	2	942	0.2%
Frontier Airlines	2	324	0.6%
Southwest Airlines	1	2,554	0.0%
Delta Air Lines	1	946	0.1%
American Airlines	1	1,025	0.1%
Alaska Airlines	1	945	0.1%

Early Turn by Operator (March 2021)

Airline	Right Early Turns	Total Operator Departures	% Departures with Right Early Turns
General Aviation	7	1,538	0.5%
Southwest Airlines	1	2,554	0.0%

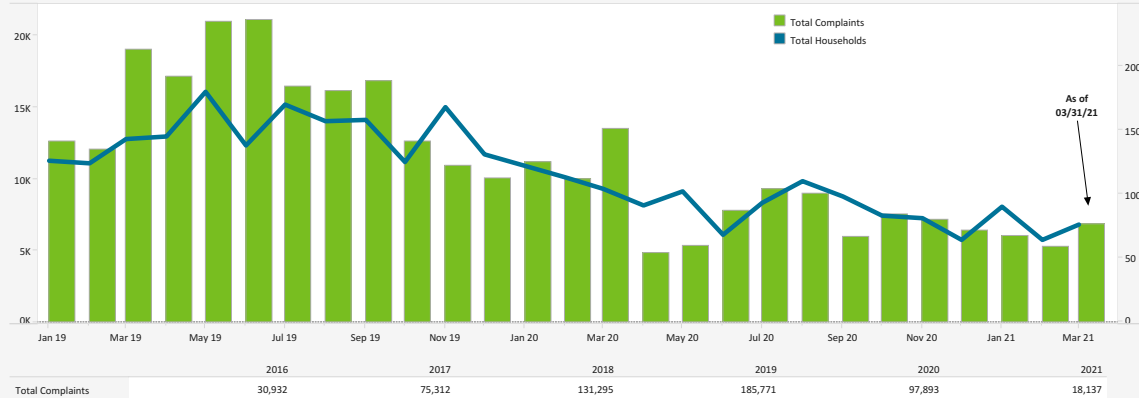
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**NOISE COMPLAINT STATISTICS**

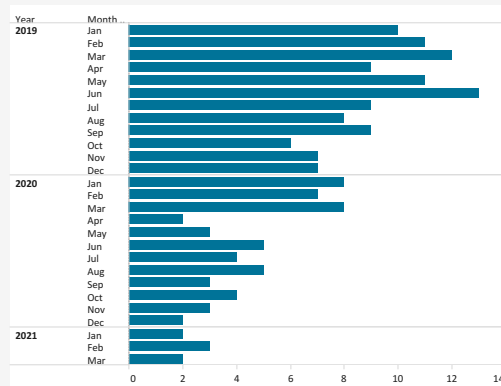


The Authority reports all complaints.

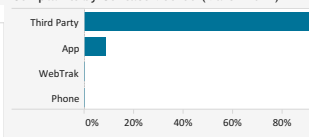
Total Complaints Compared to Total Households



Number of Households with 500+ Complaints per Month



Complaints by Contact Method (March 2021)



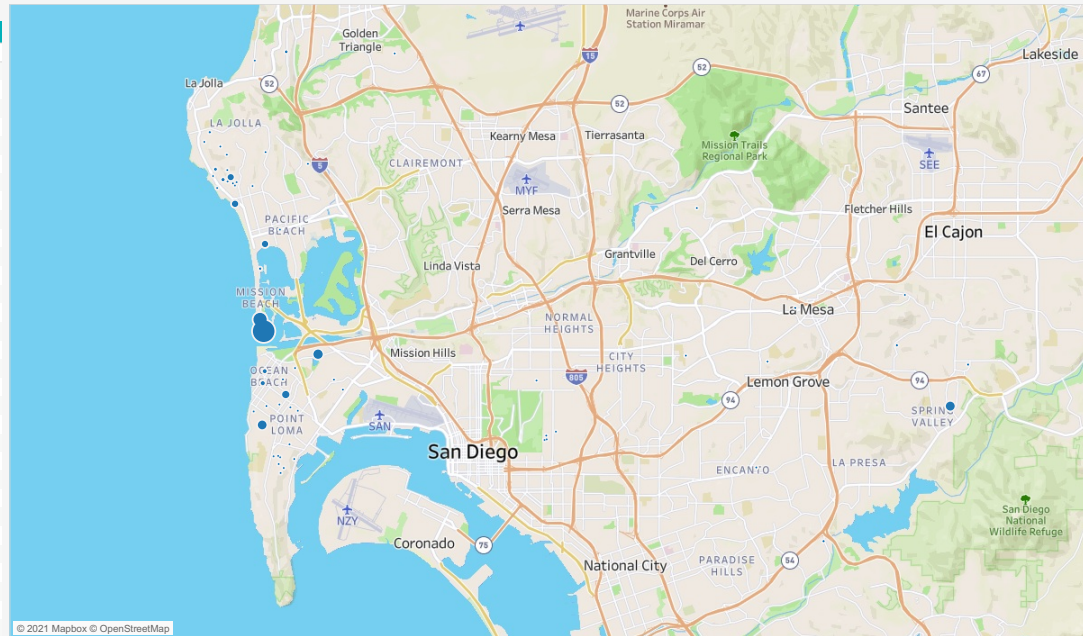
Disturbance Type (March 2021)

Disturbance Type	# Complaints	% Total
Too Loud	6,810	99.2%
Too Low	33	0.5%
Suspected Off Course	14	0.2%
Overflight	4	0.1%
Pollution	2	0.0%
Curfew Violation	1	0.0%
Other	1	0.0%

Number of Complaints by Neighborhood (March 2021)

Neighborhood	Total Complaints	Total Households
Grand Total	6,866	76
Mission Beach	3,873	9
Bird Rock	524	8
Point Loma Heights	477	6
Spring Valley	461	1
Sunset Cliffs	446	1
Point Loma	302	1
Pacific Beach	230	3
Ocean Beach	184	3
Loma Portal	72	4
Del Mar	61	2
Upper Hermosa	47	1
La Jolla Heights	38	1
The Muirlands	35	5
Bonita	29	2
Casa De Oro-Mt. Helix	26	2
Mt. Soledad	9	2
Beach Barber Tract	8	2
La Mesa	8	3
Roseville-Fleet Ridge	8	1
El Cerrito	5	1
La Playa	5	4
Jamal	3	1
South Park	3	3
Wooded Area	3	3
La Jolla Shores	2	1
University City	2	1
Allied Gardens	1	1
Encanto	1	1
Golden Hill	1	1
North Park	1	1
Ocean Beach	1	1

Location of Complaints (March 2021)



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