

QUIETER HOME PROGRAM



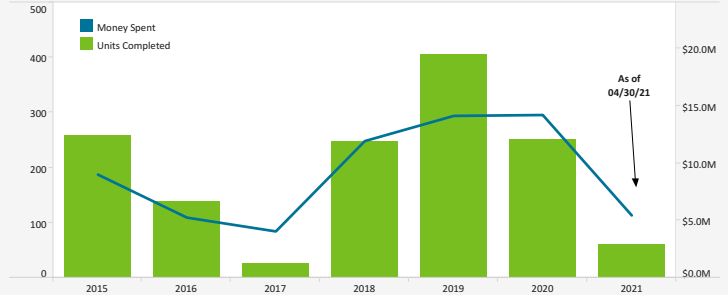
Quieter Home Program As Of: 04/30/2021

Status of Homes	
Homes on Wait List	1,201
Homes Added to Wait List This Month	0
Homes Completed This Month	18
Total Homes Completed	4,504
Estimated Homes to Complete in CY 2021	350

Project	Estimated Construction Start	# Homes
10.8	In Process	51
10.9	In Process	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	119
11.7	Summer 2022	60

QNRP: Quieter Non-Residential Pr..

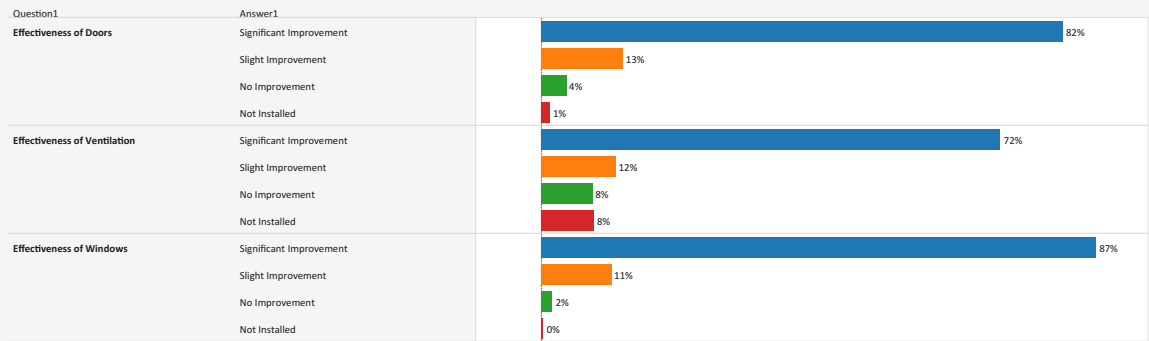
From 2001 – 2009, \$89.8 Million Was Spent To Complete 1,356 Homes



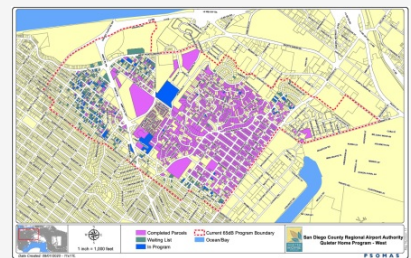
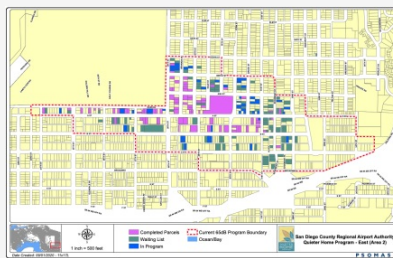
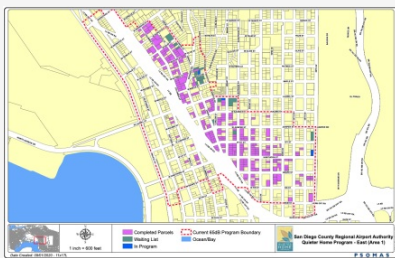
Post – Construction Homeowner Survey Results

Overall Experience	Excellent	Satisfied	Unsatisfied
	76%	22%	3%

Effectiveness



Program Boundary Maps



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CURFEW VIOLATIONS



Curfew Violations (April 2021)

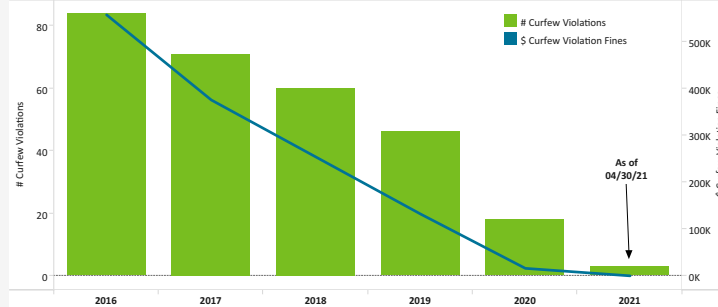
Date, Time	Airline	Aircraft Type	Status
4/11/2021, 03:55 AM	VistaJet - 9HVJK	GLEX	Pending Review
4/12/2021, 01:46 AM	jetBlue Airways	A320-232	Pending Review

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	3	\$0

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

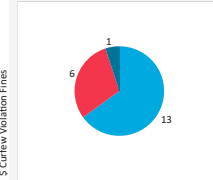
Curfew Violations and Penalties Assessed (by Year)



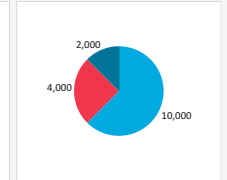
Airline Category

- 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	13	\$10,000
G/A	6	\$4,000
GOV	1	\$2,000

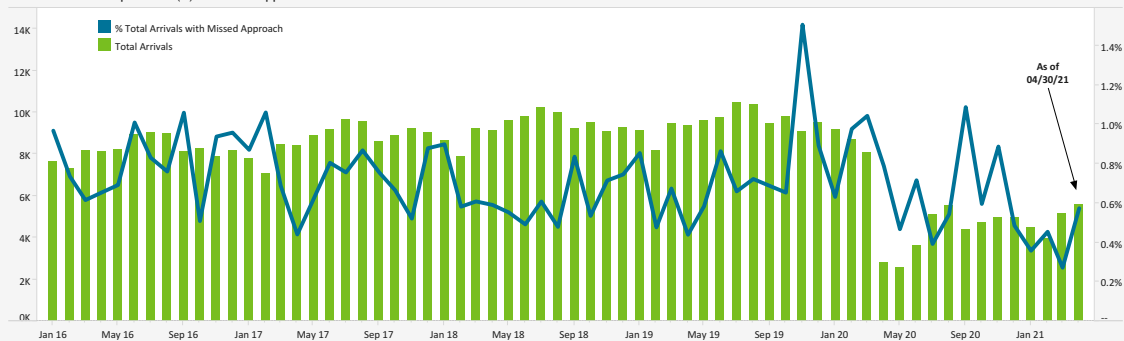
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MISSSED APPROACH STATISTICS



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

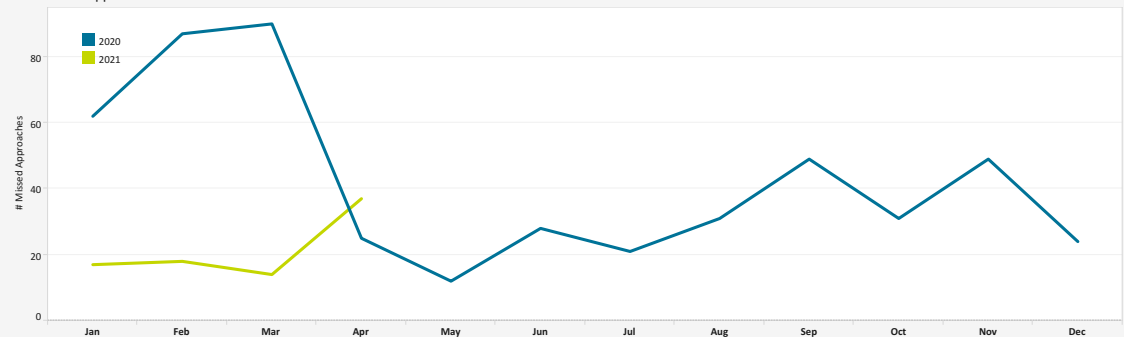


	2016	2017	2018	2019	2020	2021
% Total Arrivals with Missed Approach	0.8%	0.7%	0.6%	0.8%	0.7%	0.4%
Total Arrivals	98,756	104,725	111,618	114,193	64,576	19,168
Total Missed Approaches	832	795	721	895	508	86

Missed Approach Location Statistics

	Feb		Mar		Apr			Feb	Mar	Apr
	Day	Night	Day	Night	Day	Night				
Between Noise Dot #1 - Noise Dot #2	0	0	0	0	0	1	Between 265°-295° Heading (Standard)	16	10	20
Between Noise Dot #2 - JETTI	9	1	3	1	12	1	Left of 265°	0	1	3
Between JETTI - Noise Dot #3	5	1	5	1	5	1	Right of 295°	0	1	1
Between Noise Dot #3 - Noise Dot #4	0	0	1	0	3	0	East of Airport	2	1	12
Between Noise Dot #4 - Noise Dot #5	0	0	0	0	0	0				

Total Missed Approaches



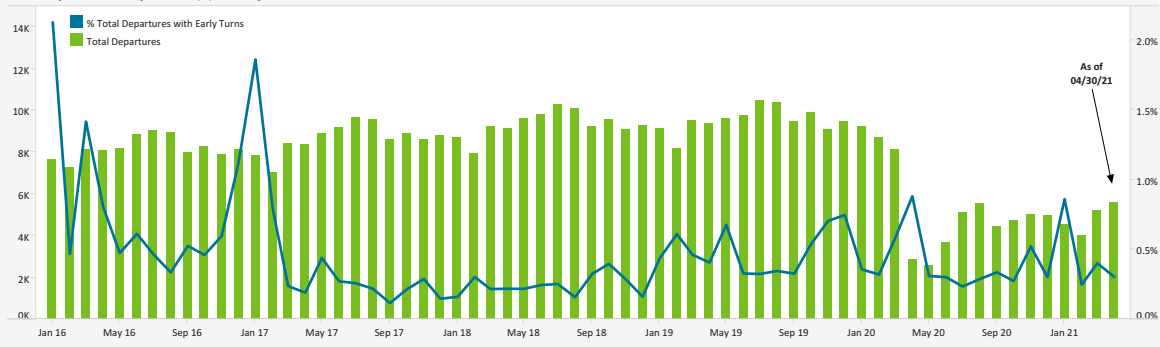
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EARLY TURN STATISTICS



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



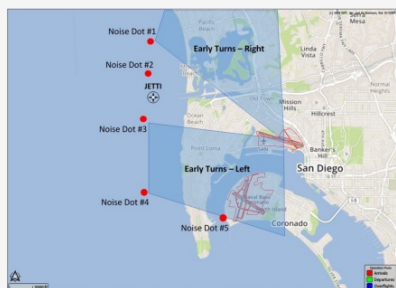
	2016	2017	2018	2019	2020	2021
Total Early Turns	914	558	395	741	321	95

Departure Statistics (April 2021)

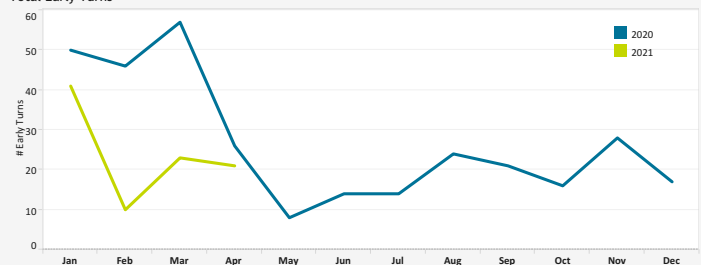
	Feb	Mar	Apr
Jets Turning Left	2,049	2,910	2,931
Between Z2000 and Noise Dots	282	518	436
Compliant with Nighttime departure Heading (290°)	47	167	154
Not Nighttime Compliant - Over La Jolla	8	10	12
Not Nighttime Compliant - East	0	0	0
Not Nighttime Compliant - Straight Out	0	5	3

Cause of Early Turns (April 2021)

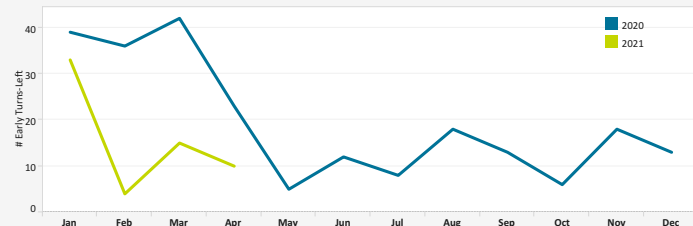
	Feb	Mar	Apr
Caused by ATC Vectors	10	21	19
Caused by Pilot Deviation	0	2	2
Caused by Weather	0	0	0



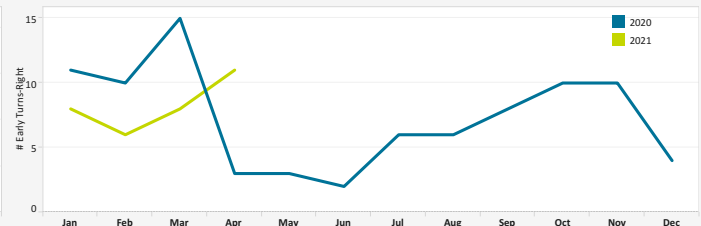
Total Early Turns



Over Point Loma



Over Mission Beach



Early Turns by Operator (April 2021)

Airline	Left Early Turns	Total Operator Departures	% Departures with Left Early Turns
General Aviation	3	1,760	0.2%
Southwest Airlines	2	2,538	0.1%
American Airlines	2	1,062	0.2%
United Airlines	1	844	0.1%
Delta Air Lines	1	991	0.1%
Alaska Airlines	1	1,040	0.1%

Early Turn by Operator (April 2021)

Airline	Right Early Turns	Total Operator Departures	% Departures with Right Early Turns
General Aviation	8	1,760	0.5%
United Airlines	1	844	0.1%
Southwest Airlines	1	2,538	0.0%
FedEx Express	1	278	0.4%

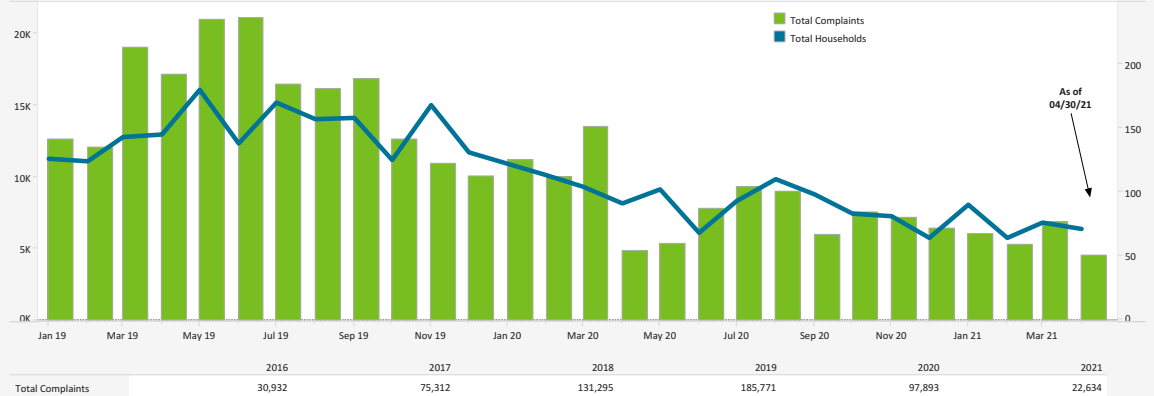
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NOISE COMPLAINT STATISTICS

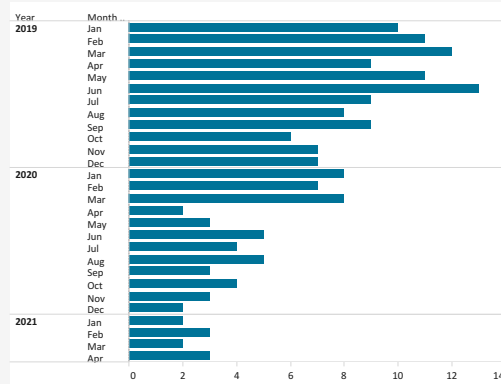


The Authority reports all complaints.

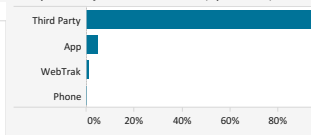
Total Complaints Compared to Total Households



Number of Households with 500+ Complaints per Month



Complaints by Contact Method (April 2021)



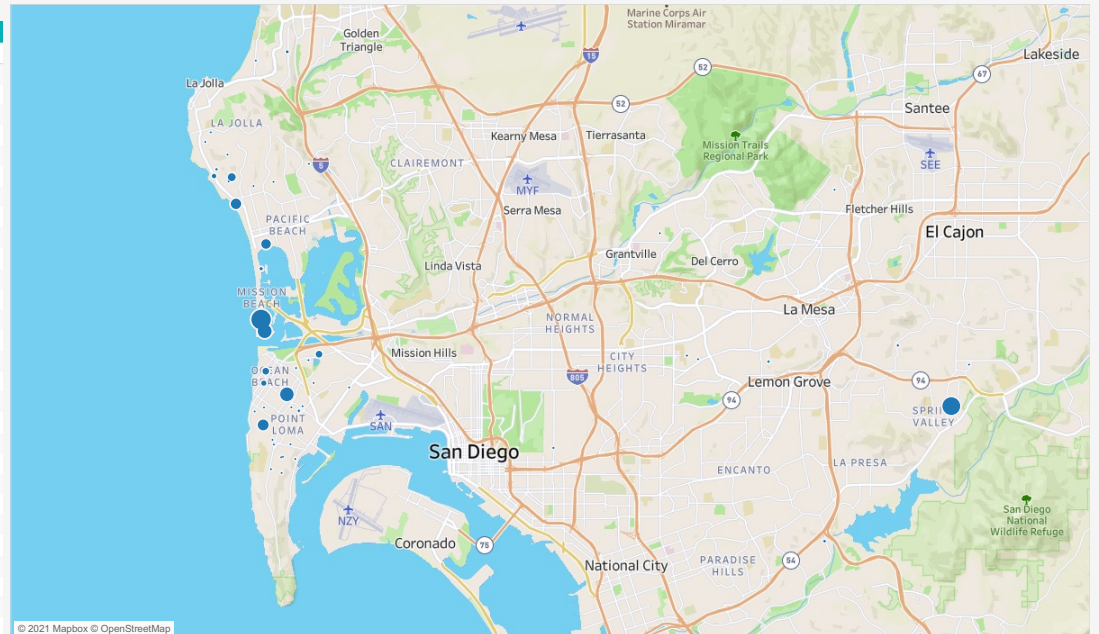
Disturbance Type (April 2021)

Disturbance Type	# Complaints	% Total
Too Loud	4,367	97.1%
Overflight	94	2.1%
Suspected Off Course	22	0.5%
Too Low	7	0.2%
Curfew Violation	5	0.1%
Other	1	0.0%

Number of Complaints by Neighborhood (April 2021)

Neighborhood	Total Complaints	Total Households
Grand Total	4,497	71
Mission Beach	2,042	8
Spring Valley	649	1
Point Loma Heights	611	12
Bird Rock	411	6
Sunset Cliffs	236	1
Pacific Beach	200	5
Ocean Beach	142	3
Loma Portal	45	4
Del Mar	37	2
Bonita	23	2
La Jolla Heights	16	2
La Mesa	11	1
Upper Hermosa	11	1
El Cerrito	9	2
South Park	9	1
Roseville-Fleet Ridge	8	2
Wooded Area	6	5
La Playa	5	3
Beach Barber Tract	4	1
Torrey Pines	4	1
La Jolla Mesa	3	1
La Jolla Shores	3	1
Muirlands	3	1
The Muirlands	3	1
Allied Gardens	2	1
Lake Murray	2	1
Casa De Oro-Mt. Helix	1	1
Jamul	1	1

Location of Complaints (April 2021)



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