

QUIETER HOME PROGRAM



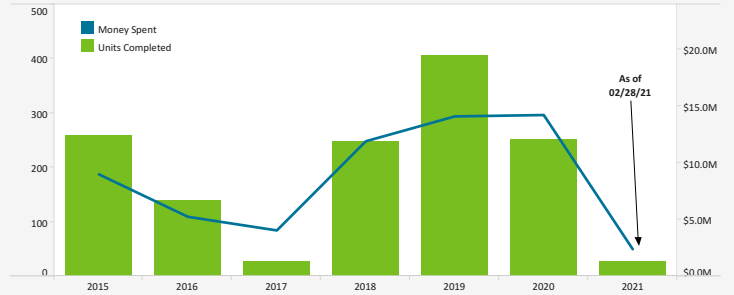
Quieter Home Program As Of: 02/28/2021

Status of Homes	
Homes on Wait List	1,278
Homes Added to Wait List This Month	1
Homes Completed This Month	19
Estimated Homes to Complete in CY 2020	350
Total Homes Completed	4,471

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

QNRP: Quieter Non-Residential Pr..

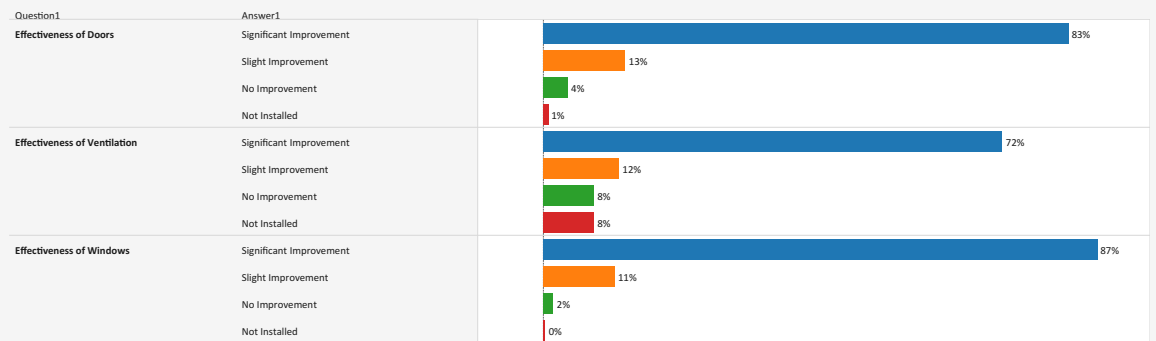
From 2001 – 2009, \$89.8 Million Was Spent To Complete 1,356 Homes



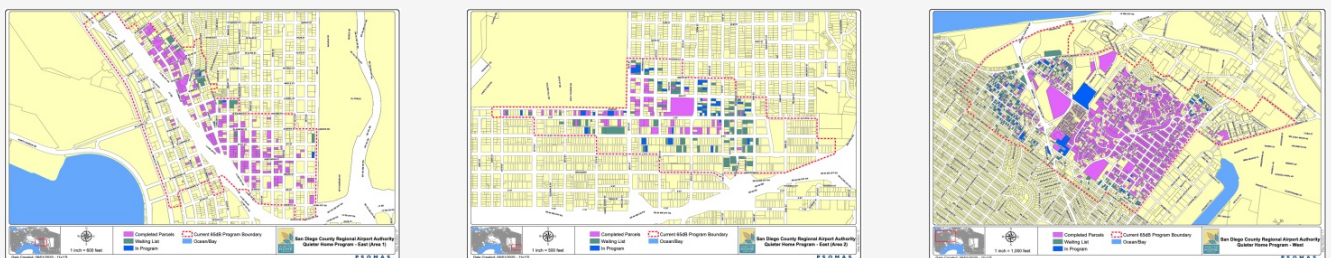
Post – Construction Homeowner Survey Results

Overall Experience	Excellent	Satisfied	Unsatisfied
	76%	22%	3%

Effectiveness



Program Boundary Maps



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**



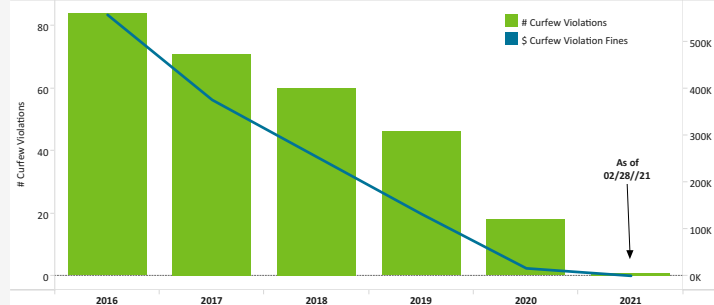
Curfew Violations (None for February 2021)

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.

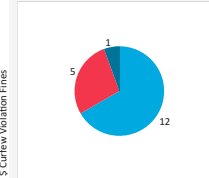
Curfew Violations and Penalties Assessed (by Year)



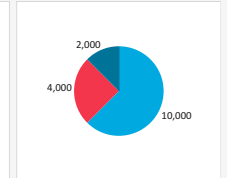
Airline Category

- 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

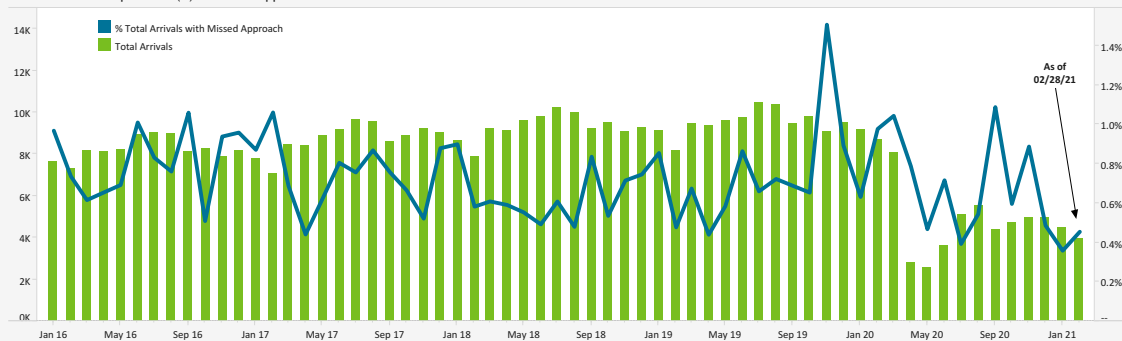
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**MISSSED APPROACH STATISTICS**



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

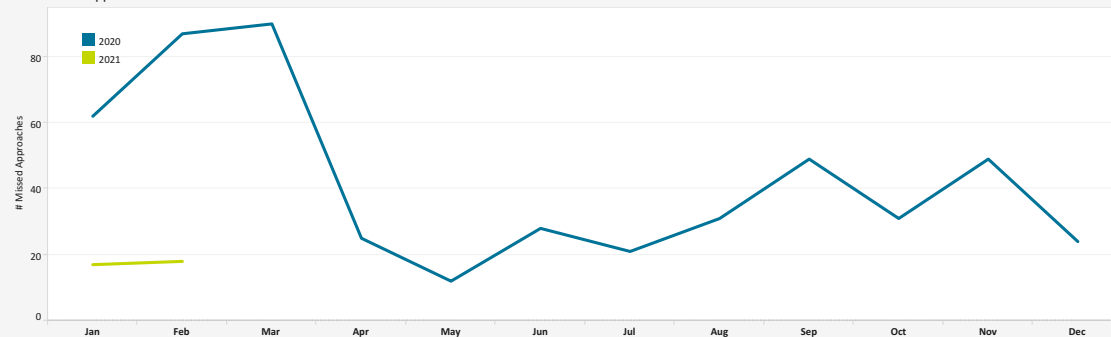


	2016	2017	2018	2019	2020	2021
% Total Arrivals with Missed Approach	0.8%	0.7%	0.6%	0.8%	0.7%	0.4%
Total Arrivals	98,756	104,725	111,618	114,193	64,576	8,434
Total Missed Approaches	832	795	721	895	508	35

Missed Approach Location Statistics

	Dec		Jan		Feb			Dec	Jan	Feb
	Day	Night	Day	Night	Day	Night				
Between Noise Dot #1 - Noise Dot #2	0	0	0	0	0	0	Between 265°-295° Heading (Standard)	13	8	16
Between Noise Dot #2 - JETTI	10	0	3	1	9	1	Left of 265°	2	1	0
Between JETTI - Noise Dot #3	3	0	4	0	5	1	Right of 295°	0	1	0
Between Noise Dot #3 - Noise Dot #4	2	0	1	0	0	0	East of Airport	9	7	2
Between Noise Dot #4 - Noise Dot #5	0	0	0	0	0	0				

Total Missed Approaches



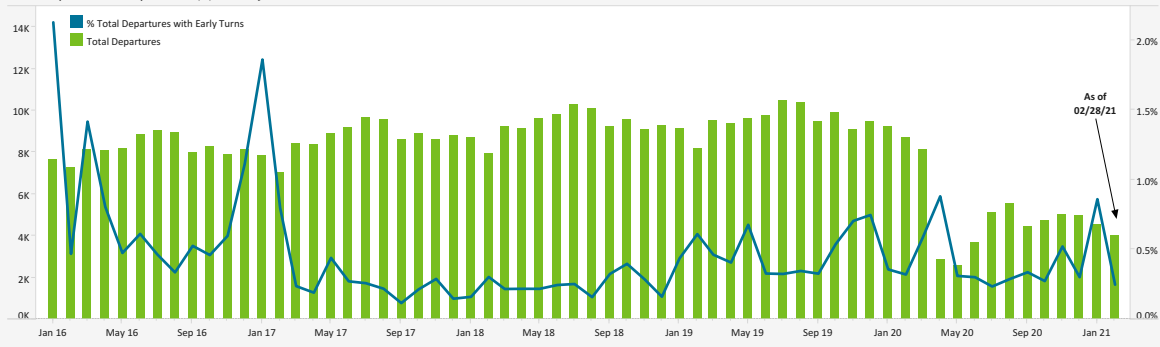
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EARLY TURN STATISTICS



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



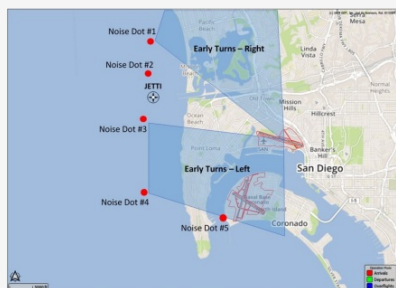
	2016	2017	2018	2019	2020	2021
Total Early Turns	914	558	395	741	321	51

Departure Statistics (February 2021)

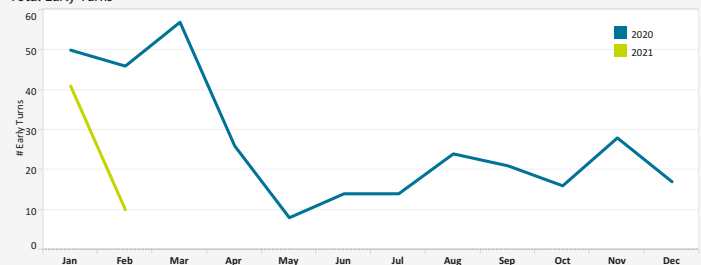
	Dec	Jan	Feb
Jets Turning Left	2,623	2,200	2,049
Between Z2000 and Noise Dots	573	334	282
Compliant with Nighttime departure Heading (290°)	116	52	47
Not Nighttime Compliant - Over La Jolla	22	10	8
Not Nighttime Compliant - East	0	2	0
Not Nighttime Compliant - Straight Out	3	1	0

Cause of Early Turns (February 2021)

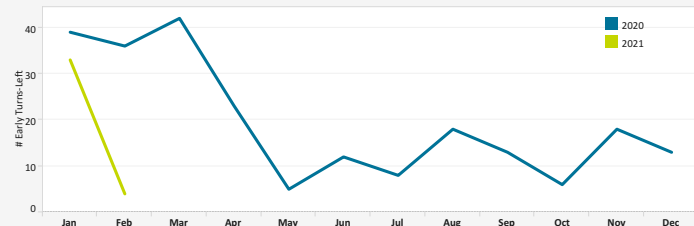
	Dec	Jan	Feb
Caused by ATC Vectors	14	15	10
Caused by Pilot Deviation	3	1	0
Caused by Weather	0	25	0



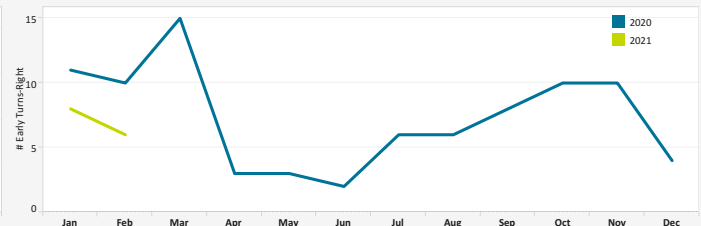
Total Early Turns



Over Point Loma



Over Mission Beach



Early Turns by Operator (February 2021)

Airline	Left Early Turns	Total Operator Departures	% Departures with Left Early Turns
Delta Air Lines	3	811	0.4%
United Airlines	1	734	0.1%

Early Turn by Operator (February 2021)

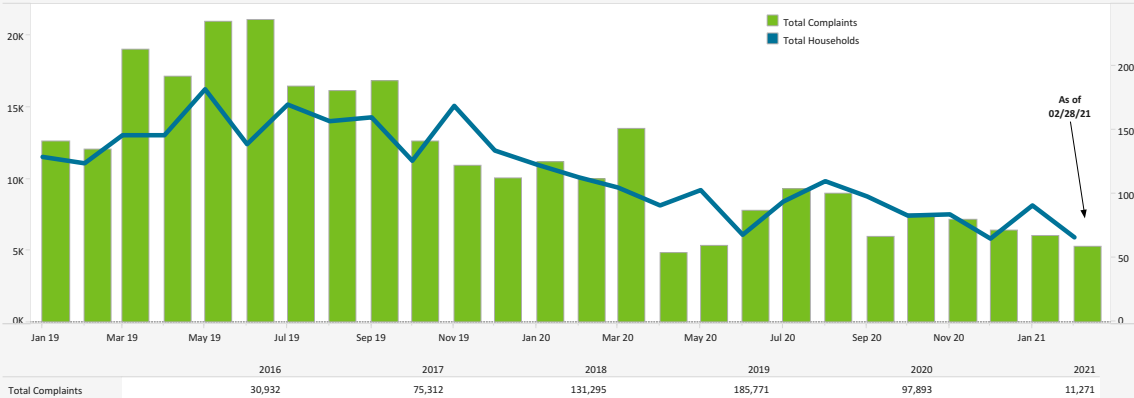
Airline	Right Early Turns	Total Operator Departures	% Departures with Right Early Turns
General Aviation	6	1,176	0.5%

**NOISE COMPLAINT STATISTICS**

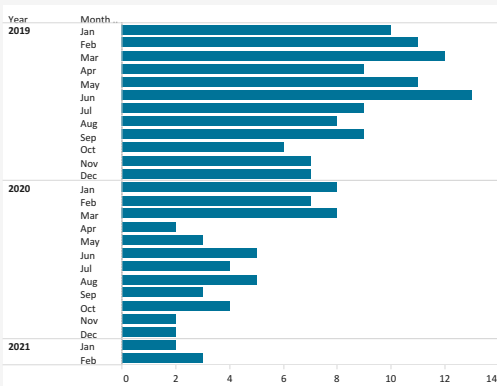


The Authority reports all complaints.

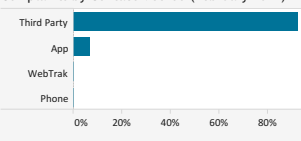
Total Complaints Compared to Total Households



Number of Households with 500+ Complaints per Month



Complaints by Contact Method (February 2021)



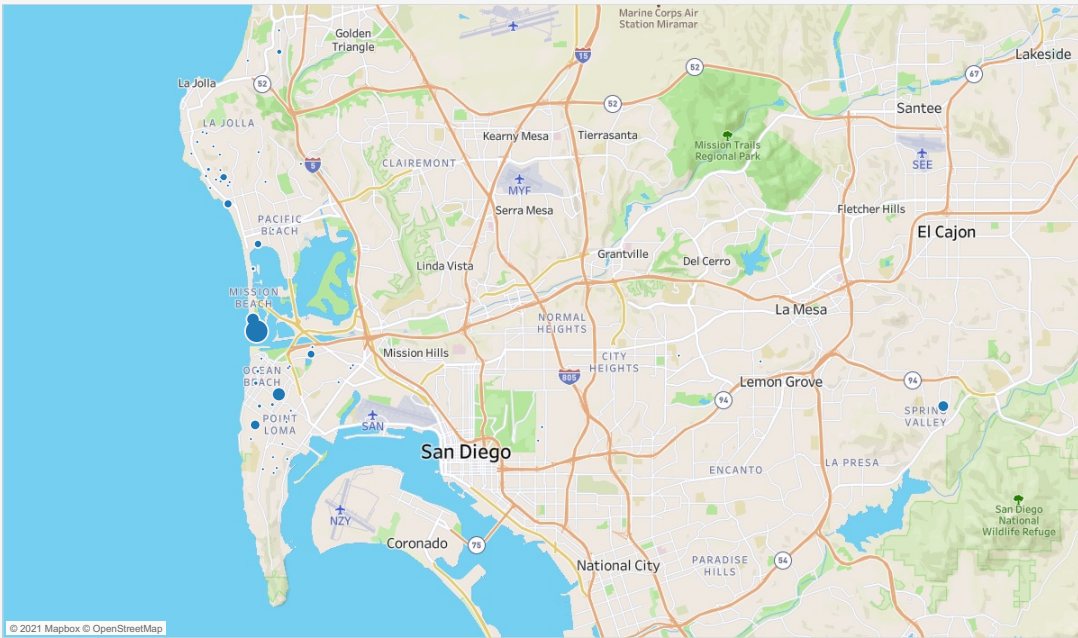
Disturbance Type (February 2021)

Disturbance Type	# Complaints	% Total
Too Loud	5,213	99.3%
Too Low	13	0.2%
Suspected Off Course	10	0.2%
Overflight	5	0.1%
Pollution	4	0.1%
Curfew Violation	3	0.1%
Other	1	0.0%

Number of Complaints by Neighborhood (February 2021)

Neighborhood	Total Complaints	Total Households
Grand Total	5,249	66
Mission Beach	2,661	8
Point Loma Heights	987	9
Bird Rock	400	8
Spring Valley	397	1
Sunset Cliffs	343	3
Pacific Beach	169	4
Ocean Beach	70	3
La Jolla Heights	67	2
Del Mar Heights	32	2
Upper Hermosa	30	1
Beach Barber Tract	22	3
La Playa	20	3
La Jolla Shores	12	1
The Muirlands	11	4
Roseville-Fleet Ridge	6	2
Wooded Area	5	2
Lower Hermosa	4	1
Loma Portal	3	2
El Cerrito	2	1
Imperial Beach	2	1
La Jolla Alta	2	1
South Park	2	2
La Mesa	1	1
Midway District	1	1

Location of Complaints (February 2021)



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