

QUIETER HOME PROGRAM



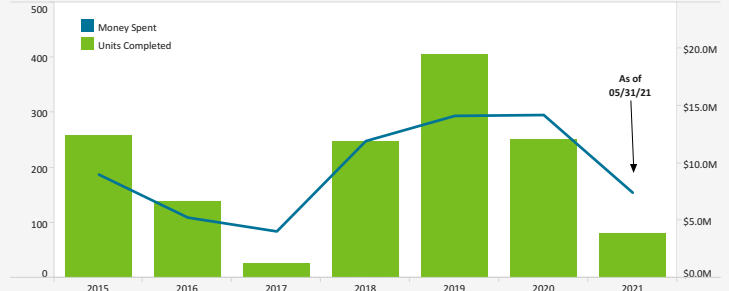
Quieter Home Program As Of: 05/31/2021

Status of Homes	
Homes on Wait List	1,211
Homes Added to Wait List This Month	10
Homes Completed This Month	20
Total Homes Completed	4,524
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..

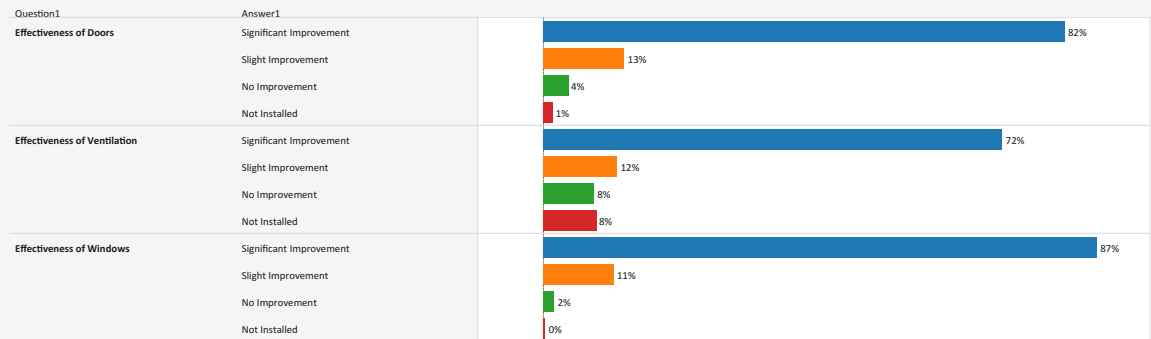
From 2001 – 2009, \$89.8 Million Was Spent To Complete 1,356 Homes



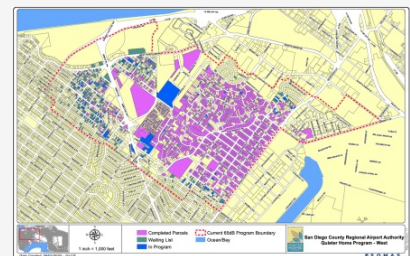
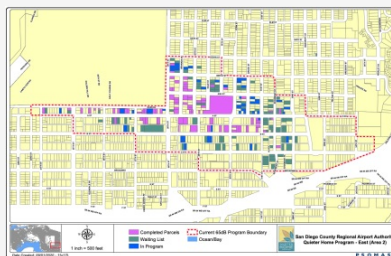
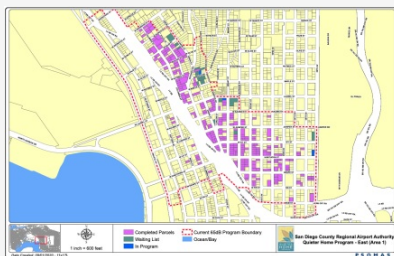
Post – Construction Homeowner Survey Results

Overall Experience	Excellent	Satisfied	Unsatisfied
	76%	22%	3%

Effectiveness



Program Boundary Maps



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CURFEW VIOLATIONS



Curfew Violations (May 2021)

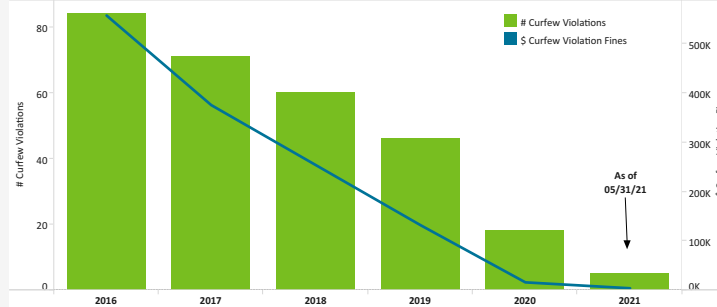
Date, Time	Airline	Aircraft Type	Status
5/20/2021, 12:01 AM	SkyWest Airlines	E75L	Pending Review
5/29/2021, 12:00 AM	Allegiant Air	A319	Pending Review

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	5	\$4,000

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

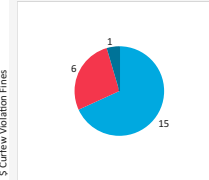
Curfew Violations and Penalties Assessed (by Year)



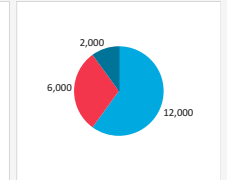
Airline Category

- 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	15	\$12,000
G/A	6	\$6,000
GOV	1	\$2,000

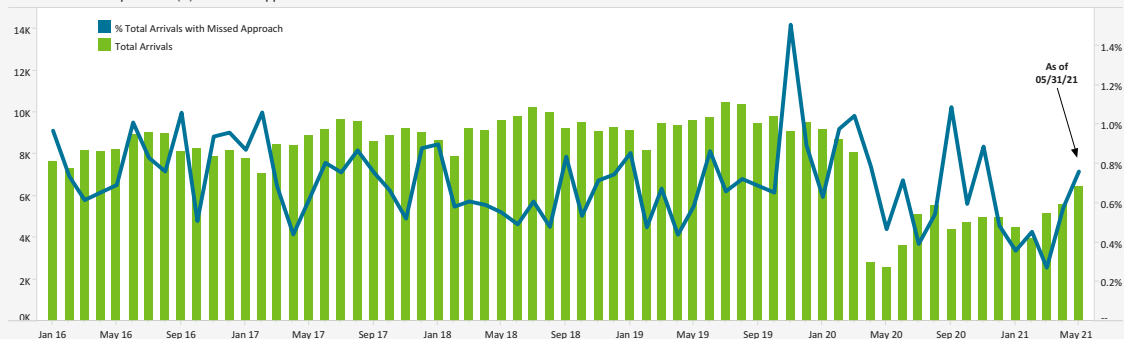
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MISSSED APPROACH STATISTICS



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

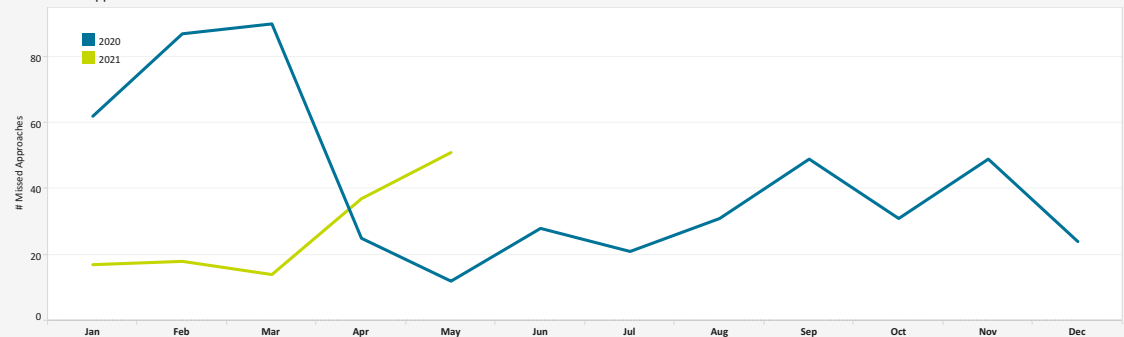


	2016	2017	2018	2019	2020	2021
% Total Arrivals with Missed Approach	0.8%	0.7%	0.6%	0.8%	0.7%	0.5%
Total Arrivals	98,756	104,725	111,618	114,193	64,576	25,614
Total Missed Approaches	832	795	721	895	508	137

Missed Approach Location Statistics

	Mar		Apr		May			Mar	Apr	May
	Day	Night	Day	Night	Day	Night				
Between Noise Dot #1 - Noise Dot #2	0	0	0	1	0	0	Between 265°-295° Heading (Standard)	10	20	39
Between Noise Dot #2 - JETTI	3	1	12	1	19	3	Left of 265°	1	3	4
Between JETTI - Noise Dot #3	5	1	5	1	16	0	Right of 295°	1	1	3
Between Noise Dot #3 - Noise Dot #4	1	0	3	0	3	0	East of Airport	1	12	3
Between Noise Dot #4 - Noise Dot #5	0	0	0	0	1	0				

Total Missed Approaches



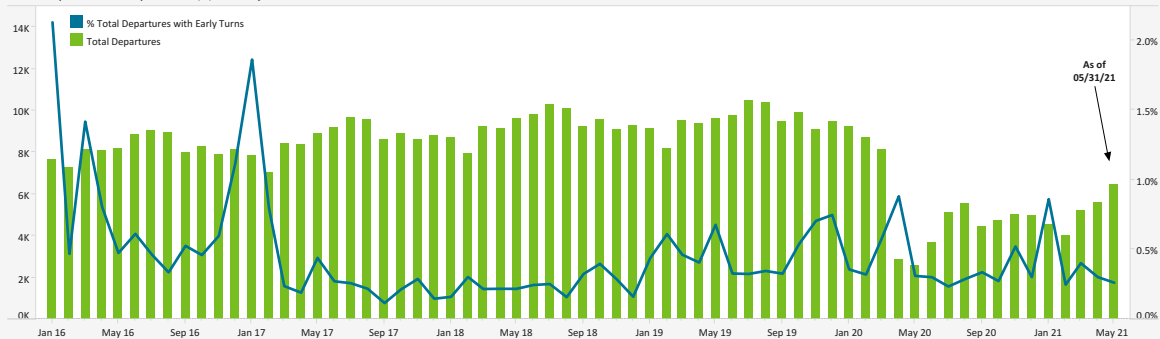
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EARLY TURN STATISTICS



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



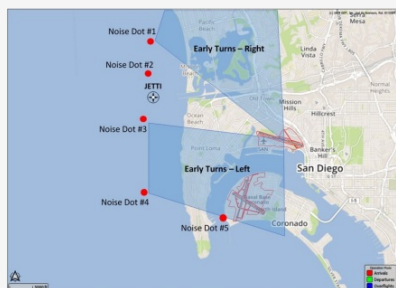
	2016	2017	2018	2019	2020	2021
Total Early Turns	914	558	395	741	321	121

Departure Statistics (May 2021)

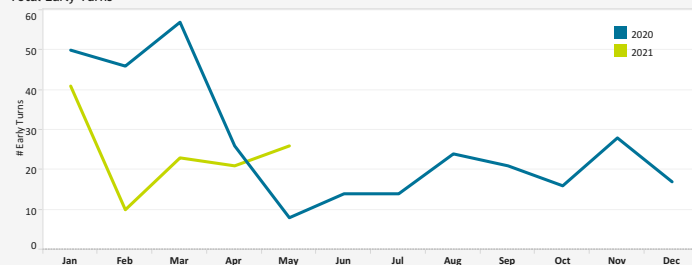
	Mar	Apr	May
Jets Turning Left	2,910	2,931	3,200
Between Z2000 and Noise Dots	518	436	499
Compliant with Nighttime departure Heading (290°)	167	154	221
Not Nighttime Compliant - Over La Jolla	10	12	14
Not Nighttime Compliant - East	0	0	0
Not Nighttime Compliant - Straight Out	5	3	1

Cause of Early Turns (May 2021)

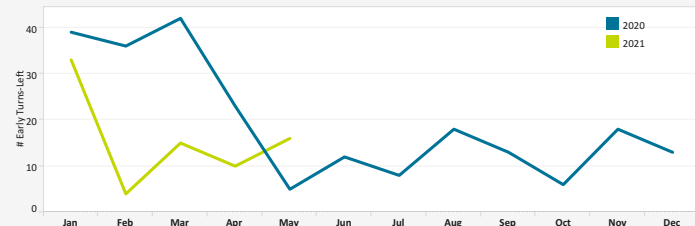
	Mar	Apr	May
Caused by ATC Vectors	21	19	22
Caused by Pilot Deviation	2	2	5
Caused by Weather	0	0	0



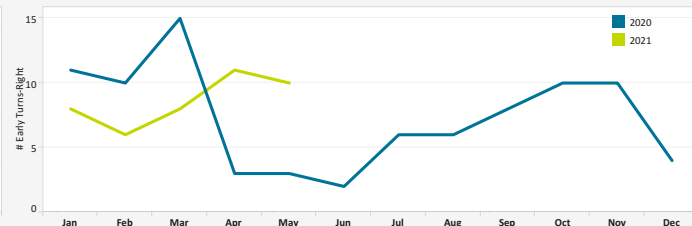
Total Early Turns



Over Point Loma



Over Mission Beach



Early Turns by Operator (May 2021)

Airline	Left Early Turns	Total Operator Departures	% Departures with Left Early Turns
Southwest Airlines	4	3,179	0.1%
General Aviation	4	1,688	0.2%
Delta Air Lines	4	1,116	0.4%
American Airlines	3	1,306	0.2%
United Airlines	1	960	0.1%

Early Turn by Operator (May 2021)

Airline	Right Early Turns	Total Operator Departures	% Departures with Right Early Turns
General Aviation	6	1,688	0.4%
Southwest Airlines	2	3,179	0.1%
FedEx Express	1	279	0.4%
Alaska Airlines	1	1,243	0.1%

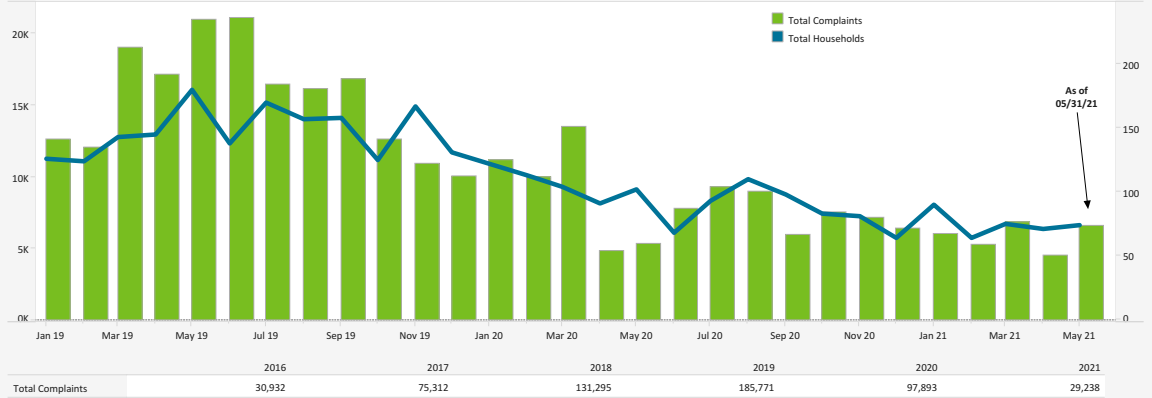
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NOISE COMPLAINT STATISTICS

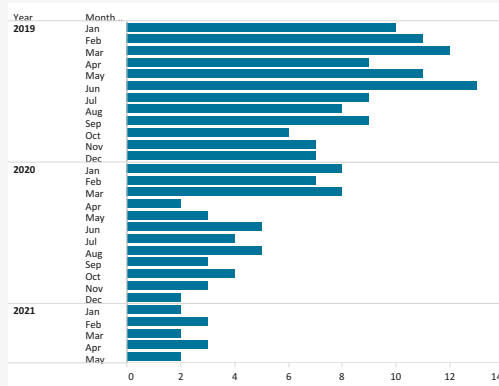


The Authority reports all complaints.

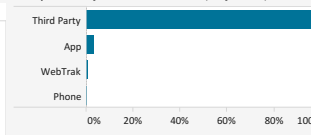
Total Complaints Compared to Total Households



Number of Households with 500+ Complaints per Month



Complaints by Contact Method (May 2021)



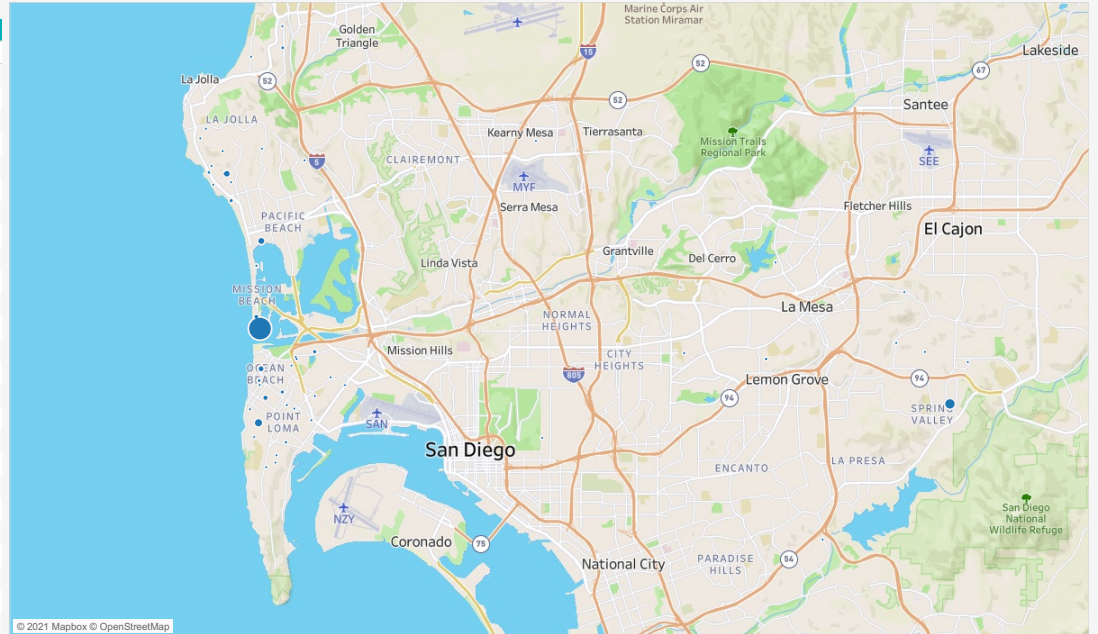
Disturbance Type (May 2021)

Disturbance Type	# Complaints	% Total
Too Loud	6,467	98.0%
Overflight	101	1.5%
Suspected Off Course	23	0.3%
Curfew Violation	5	0.1%
Other	2	0.0%
Too Low	1	0.0%

Number of Complaints by Neighborhood (May 2021)

Neighborhood	Total Complaints	Total Households
Grand Total	6,604	74
Mission Beach	3,751	9
Point Loma Heights	677	10
Spring Valley	652	1
Sunset Cliffs	410	4
Bird Rock	341	7
Pacific Beach	251	2
Ocean Beach	235	4
Loma Portal	78	6
La Jolla Heights	51	3
Roseville-Fleet Ridge	39	3
Bonita	28	2
Beach Barber Tract	21	2
Del Mar	16	3
La Mesa	14	4
Casa De Oro-Mt. Helix	11	2
Upper Hermosa	5	1
El Cerrito	4	1
La Playa	4	1
Muirlands	4	1
Golden Hill	3	1
Wooded Area	3	2
La Jolla Mesa	2	1
Kearny Mesa	1	1
La Jolla Shores	1	1
Mt. Soledad	1	1

Location of Complaints (May 2021)



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