

QUIETER HOME PROGRAM



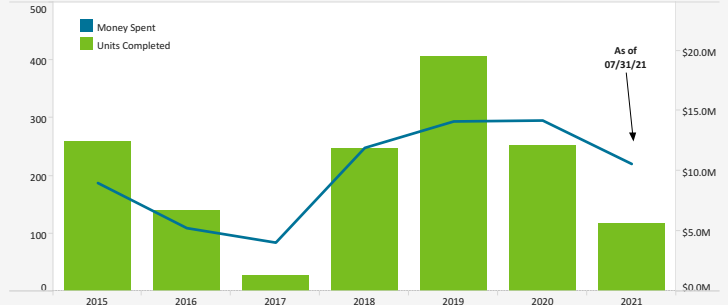
Quieter Home Program As Of: 07/31/2021

Status of Homes	
Homes on Wait List	1,069
Homes Added to Wait List This Month	15
Homes Completed This Month	17
Total Homes Completed	4,561
Estimated Homes to Complete in CY 2021	350

Project	Estimated Construction Start	# Homes
10.10	In Process	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
11.8	Summer 2022	112
11.9	Fall 2022	36
11.10	Winter 2022	142
11.11	Winter 2022	71

QNRP: Quieter Non-Residential Pr..

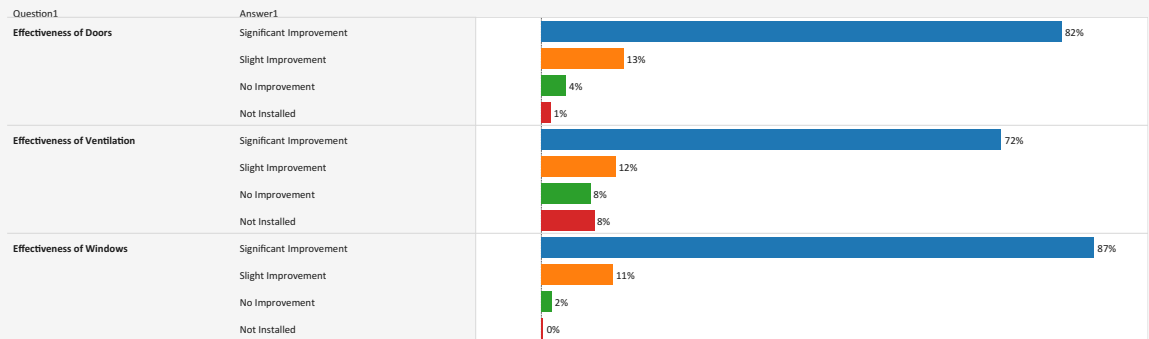
From 2001 – 2009, \$89.8 Million Was Spent To Complete 1,356 Homes



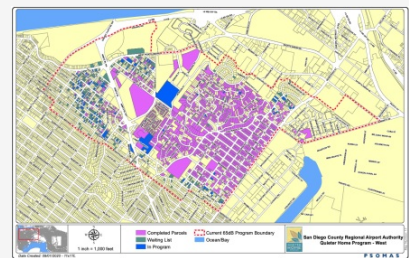
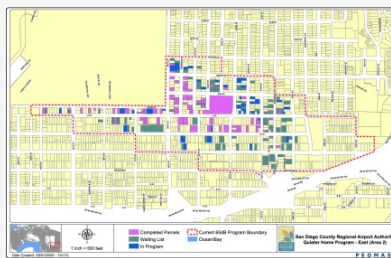
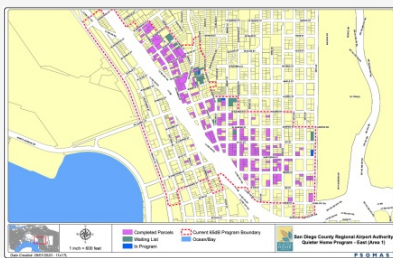
Post – Construction Homeowner Survey Results

Overall Experience	Excellent	Satisfied	Unsatisfied
	75%	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



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

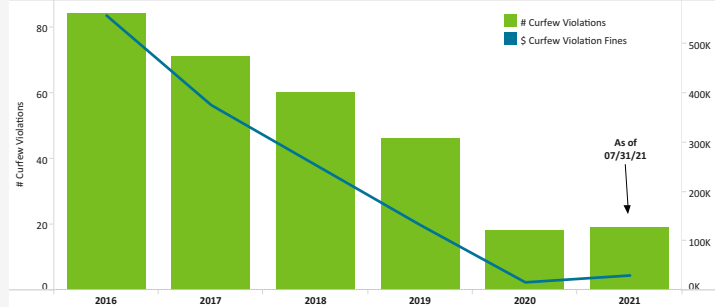
Curfew Violations (July 2021)

Date, Time	Airline	Aircraft Type	Status
7/6/2021, 12:16 AM	jetBlue Airways	A321	Pending Review
7/11/2021, 12:37 AM	jetBlue Airways	A320	Pending Review
7/14/2021, 11:52 PM	VistaJet	GLEX	Pending Review
7/15/2021, 11:45 PM	Horizon Air	E75L	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	19	\$30,000

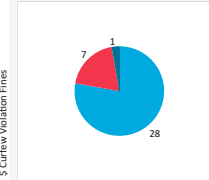
Curfew Violations and Penalties Assessed (by Year)



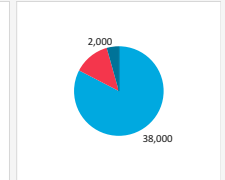
Airline Category

- 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	28	\$38,000
G/A	7	\$6,000
GOV	1	\$2,000

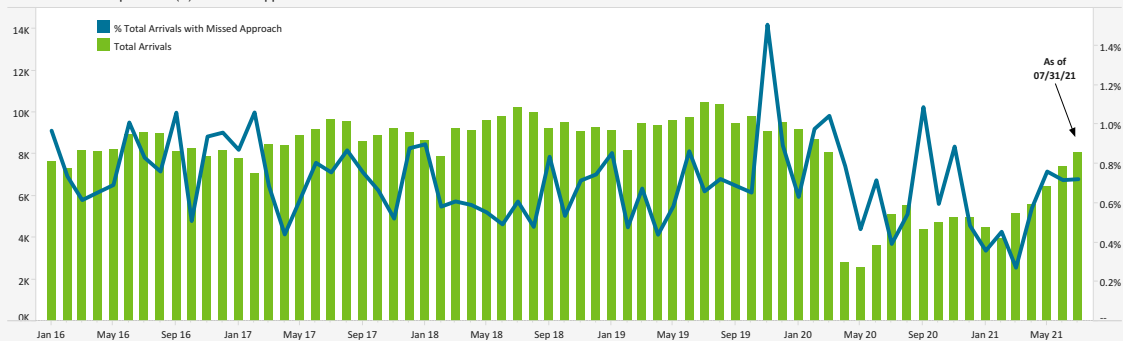
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MISSED APPROACH STATISTICS



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

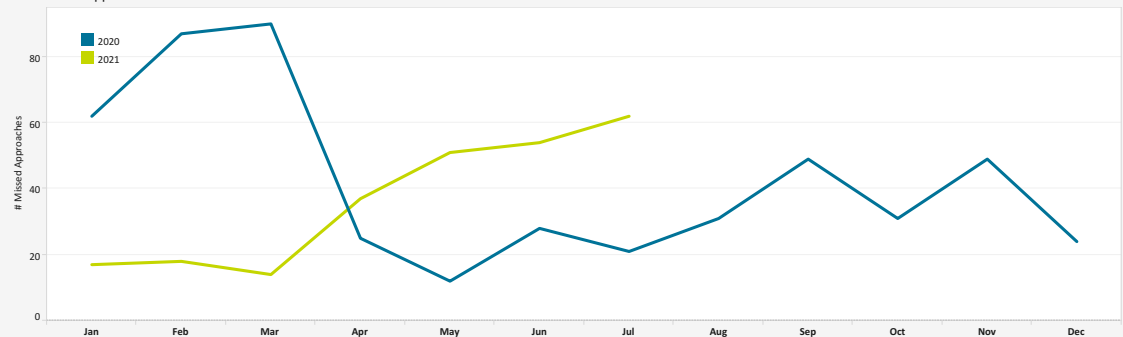


	2016	2017	2018	2019	2020	2021
% Total Arrivals with Missed Approach	0.8%	0.7%	0.6%	0.8%	0.7%	0.6%
Total Arrivals	98,756	104,725	111,618	114,193	64,576	41,051
Total Missed Approaches	832	795	721	895	508	253

Missed Approach Location Statistics

	May		Jun		Jul			May	Jun	Jul
	Day	Night	Day	Night	Day	Night				
Between Noise Dot #1 - Noise Dot #2	0	0	0	1	1	0	Between 265°-295° Heading (Standard)	39	38	38
Between Noise Dot #2 - JETTI	19	3	18	3	22	1	East of Airport	3	10	11
Between JETTI - Noise Dot #3	16	0	15	1	11	3	Left of 265°	4	4	8
Between Noise Dot #3 - Noise Dot #4	3	0	2	0	5	2	Right of 295°	3	2	4
Between Noise Dot #4 - Noise Dot #5	1	0	2	0	1	0				

Total Missed Approaches



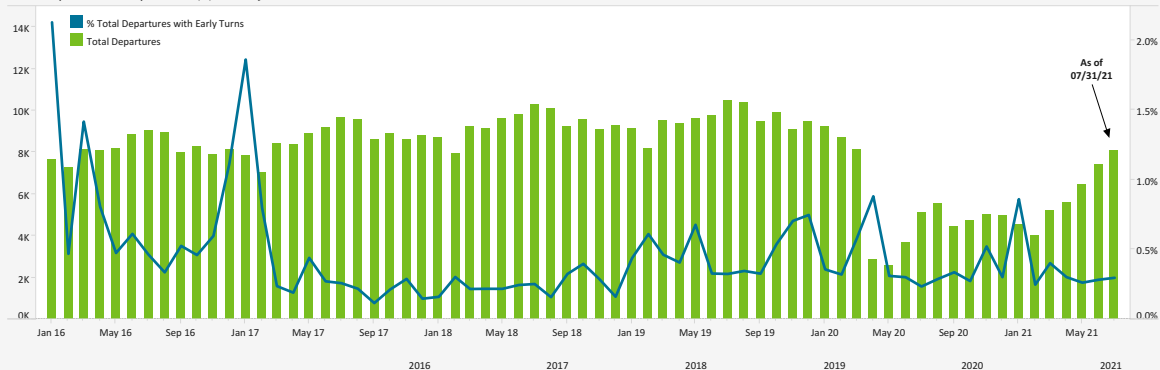
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EARLY TURN STATISTICS



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

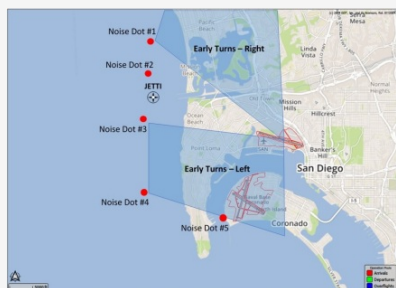


Departure Statistics (July 2021)

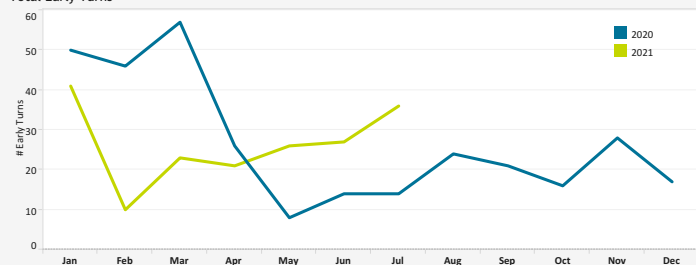
	May	Jun	Jul
Jets Turning Left	3,200	3,741	4,166
Between Z2000 and Noise Dots	499	583	690
Compliant with Nighttime departure Heading (290°)	221	351	453
Not Nighttime Compliant - Over La Jolla	14	21	15
Not Nighttime Compliant - Straight Out	1	9	2
Not Nighttime Compliant - East	0	0	0

Cause of Early Turns (July 2021)

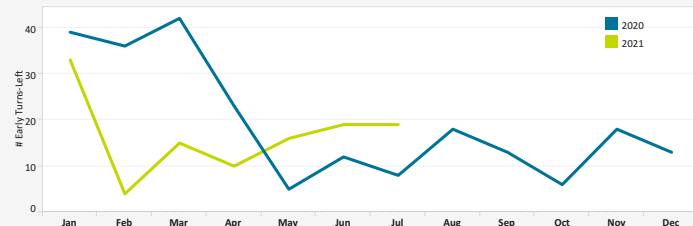
	May	Jun	Jul
Caused by ATC Vectors	22	24	28
Caused by Pilot Deviation	5	3	2
Caused by Weather	0	0	5



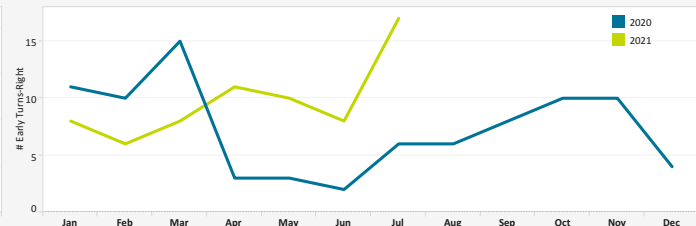
Total Early Turns



Over Point Loma



Over Mission Beach



Early Turns by Operator (July 2021)

Airline	Left Early Turns	Total Operator Departures	% Departures with Left Early Turns
SkyWest Airlines	4	1,189	0.3%
United Airlines	3	1,440	0.2%
Southwest Airlines	3	4,256	0.1%
Delta Air Lines	3	1,248	0.2%
American Airlines	3	1,503	0.2%
General Aviation	2	2,250	0.1%
FedEx Express	1	280	0.4%

Early Turn by Operator (July 2021)

Airline	Right Early Turns	Total Operator Departures	% Departures with Right Early Turns
General Aviation	13	2,250	0.6%
Southwest Airlines	2	4,256	0.0%
United Airlines	1	1,440	0.1%
SkyWest Airlines	1	1,189	0.1%

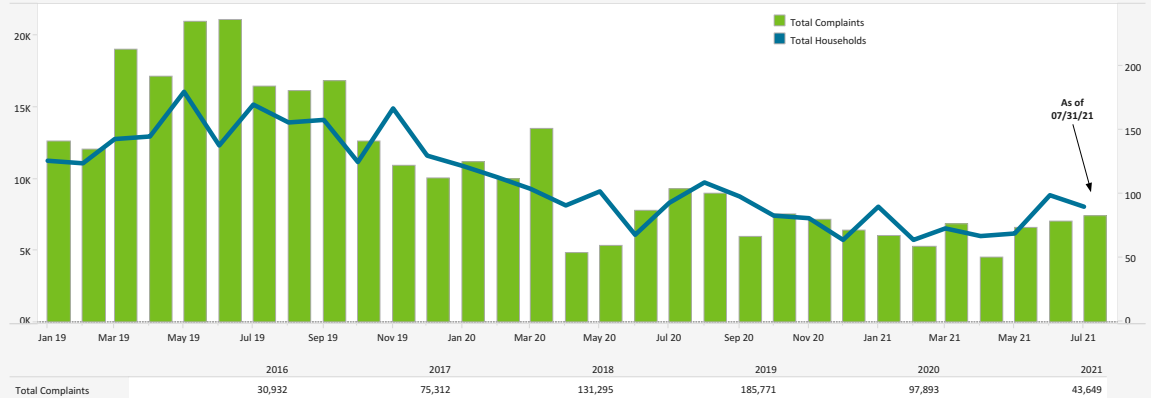
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NOISE COMPLAINT STATISTICS

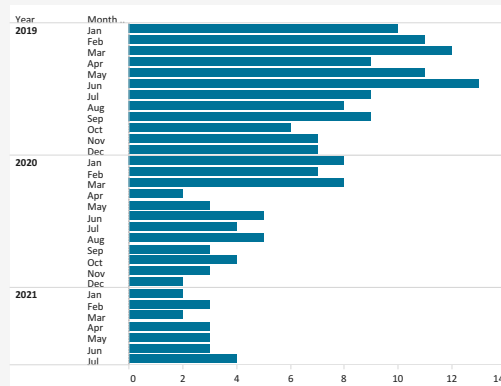


The Authority reports all complaints.

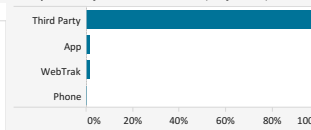
Total Complaints Compared to Total Households



Number of Households with 500+ Complaints per Month



Complaints by Contact Method (July 2021)



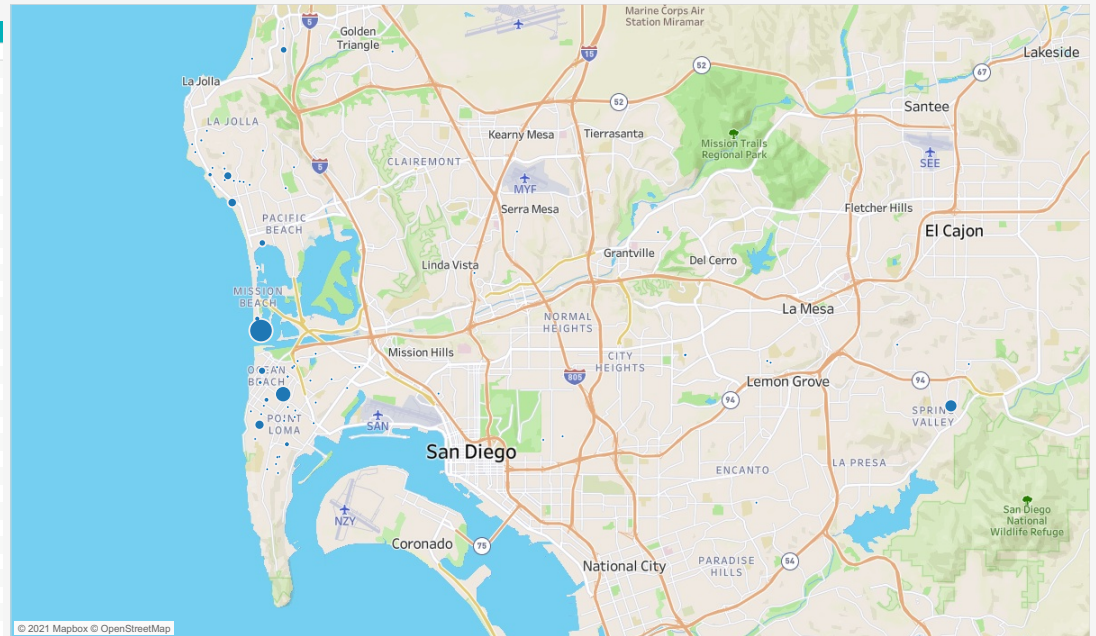
Disturbance Type (July 2021)

Disturbance Type	# Complaints	% Total
Too Loud	7,232	97.8%
Overflight	86	1.2%
Suspected Off Course	35	0.5%
Too Low	21	0.3%
Curfew Violation	19	0.3%
Off Course	3	0.0%
Other	1	0.0%

Number of Complaints by Neighborhood (July 2021)

Neighborhood	Total Complaints	Total Households
Grand Total	7,406	90
Mission Beach	2,996	11
Point Loma Heights	1,391	12
Spring Valley	754	1
Bird Rock	722	6
Sunset Cliffs	502	5
Ocean Beach	277	4
La Jolla Heights	191	2
Pacific Beach	179	2
Roseville-Fleet Ridge	94	4
Loma Portal	44	4
Wooded Area	37	4
Beach Barber Tract	36	4
La Jolla Mesa	33	3
El Cerrito	30	2
Muirlands	30	3
Del Mar	28	2
Casa De Oro-Mt. Helix	14	2
Lower Hermosa	9	1
La Mesa	7	2
Middletown	6	2
La Jolla Shores	5	1
La Playa	5	1
Midway District	3	1
Allied Gardens	2	1
La Jolla Alta	2	1
Bay Terraces	1	1
Golden Hill	1	1
Liberty Station	1	1
Mission Valley	1	1
Serra Mesa	1	1
Soladad South	1	1
South Park	1	1
University City	1	1
Upper Hermosa	1	1

Location of Complaints (July 2021)



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