

QUIETER HOME PROGRAM

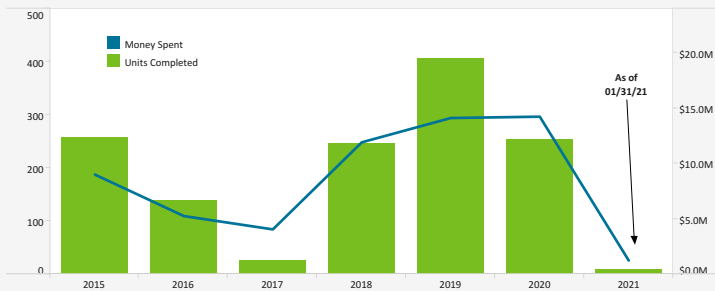


Quieter Home Program As Of: 01/01/2021

Status of Homes	
Homes on Wait List	1,274
Homes Added to Wait List This Month	28
Homes Completed This Month	8
Estimated Homes to Complete in CY 2020	350
Total Homes Completed	4,452

Project	Estimated Construction Start	# Homes
10.5	In Process	13
10.6	In Process	27
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

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

Question1	Answer1	Percentage
Effectiveness of Doors	Significant Improvement	82%
	Slight Improvement	13%
	No Improvement	4%
	Not Installed	1%
Effectiveness of Ventilation	Significant Improvement	72%
	Slight Improvement	12%
	No Improvement	8%
	Not Installed	7%
Effectiveness of Windows	Significant Improvement	87%
	Slight Improvement	11%
	No Improvement	2%
	Not Installed	0%

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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.

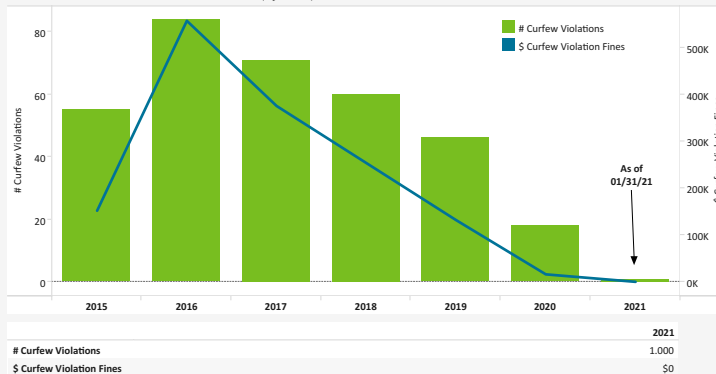
Curfew Violations (January 2021)

Date, Time	Airline	Aircraft Type	No Measure Value
1/6/2021, 11:53 PM	Delta Air Lines	A321	Not Fined

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

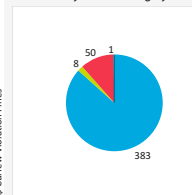
Curfew Violations and Penalties Assessed (by Year)



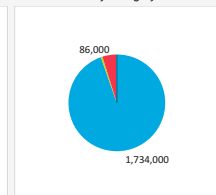
Airline Category

- AIR
- CAR
- G/A
- GOV

Violations by Airline Category



Fines Assessed by Category



Airline Category	# Curfew Violations	\$ Curfew Violation Fines
AIR	383	\$1,734,000
CAR	8	\$10,000
G/A	50	\$86,000
GOV	1	\$2,000

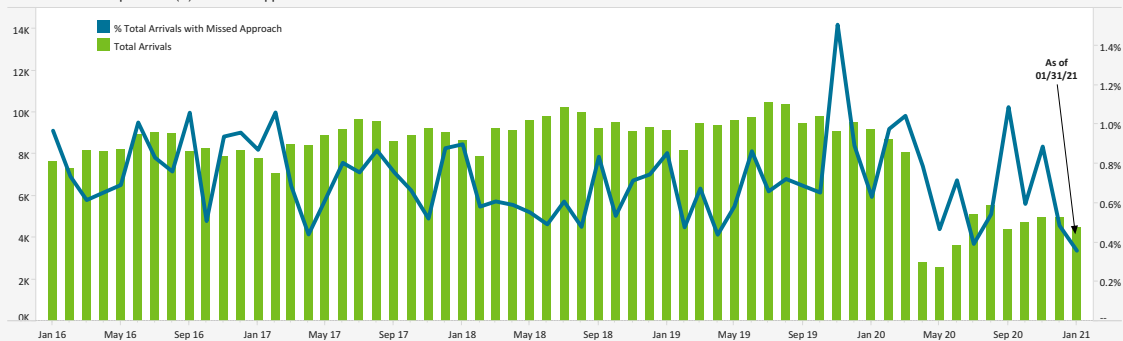
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MISSSED APPROACH STATISTICS



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

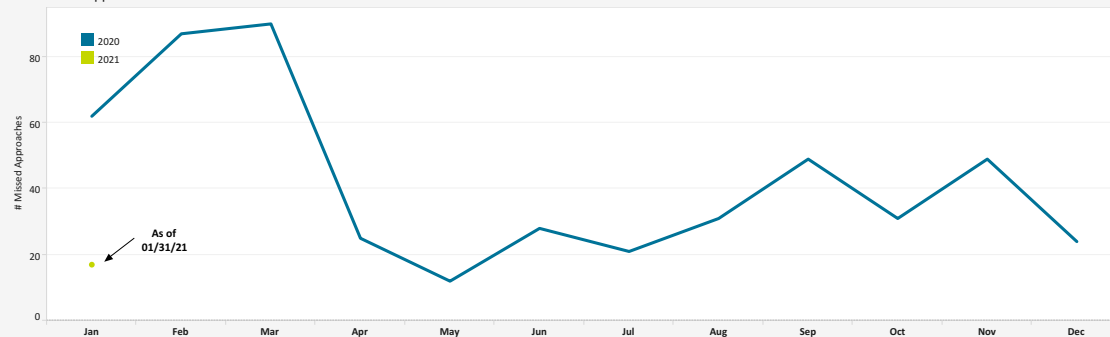


	2016	2017	2018	2019	2020	2021
% Total Arrivals with Missed Approach	0.8%	0.7%	0.6%	0.8%	0.7%	0.4%
Total Arrivals	98,756	104,725	111,618	114,193	64,576	4,470
Total Missed Approaches	832	795	721	895	508	17

Missed Approach Location Statistics

	Nov		Dec		Jan			Nov	Dec	Jan
	Day	Night	Day	Night	Day	Night				
Between Noise Dot #1 - Noise Dot #2	0	0	0	0	0	0	Between 265°-295° Heading (Standard)	31	13	8
Between Noise Dot #2 - JETTI	11	9	10	0	3	1	Left of 265°	2	2	1
Between JETTI - Noise Dot #3	9	2	3	0	4	0	Right of 295°	0	0	1
Between Noise Dot #3 - Noise Dot #4	1	0	2	0	1	0	East of Airport	15	9	7
Between Noise Dot #4 - Noise Dot #5	1	0	0	0	0	0				

Total Missed Approaches



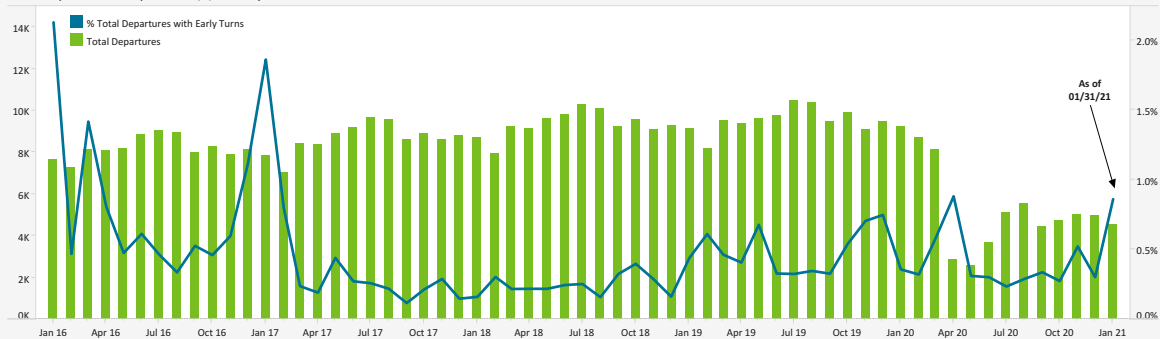
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EARLY TURN STATISTICS



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



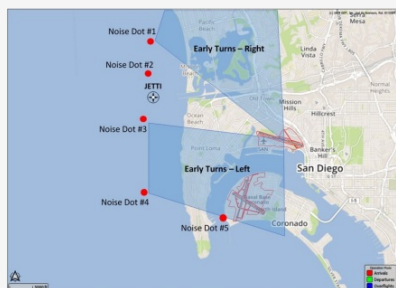
	2016	2017	2018	2019	2020	2021
Total Early Turns	914	558	395	741	321	41

Departure Statistics (January 2021)

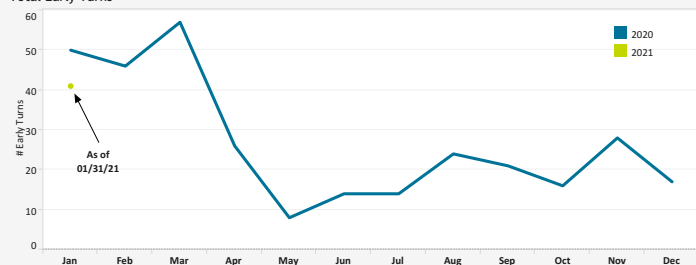
	Nov	Dec	Jan
Jets Turning Left	2,578	2,623	2,200
Between Z2000 and Noise Dots	349	573	334
Compliant with Nighttime departure Heading (290°)	84	116	52
Not Nighttime Compliant - Over La Jolla	29	22	10
Not Nighttime Compliant - East	0	0	2
Not Nighttime Compliant - Straight Out	6	3	1

Cause of Early Turns (January 2021)

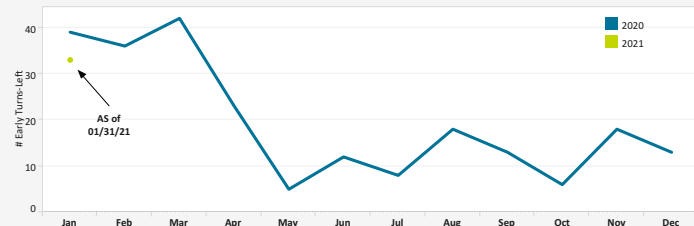
	Nov	Dec	Jan
Caused by ATC Vectors	19	14	15
Caused by Pilot Deviation	3	3	1
Caused by Weather	6	0	25



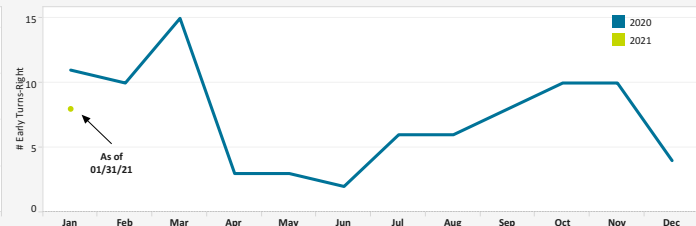
Total Early Turns



Over Point Loma



Over Mission Beach



Early Turns by Operator (January 2021)

Airline	Left Early Turns	Total Operator Departures	% Departures with Left Early Turns
General Aviation	9	1,229	0.7%
Delta Air Lines	8	913	0.9%
Southwest Airlines	5	2,025	0.2%
American Airlines	3	795	0.4%
United Airlines	2	767	0.3%
SkyWest Airlines	2	1,026	0.2%
Horizon Air	2	312	0.6%
Alaska Airlines	2	814	0.2%

Early Turn by Operator (January 2021)

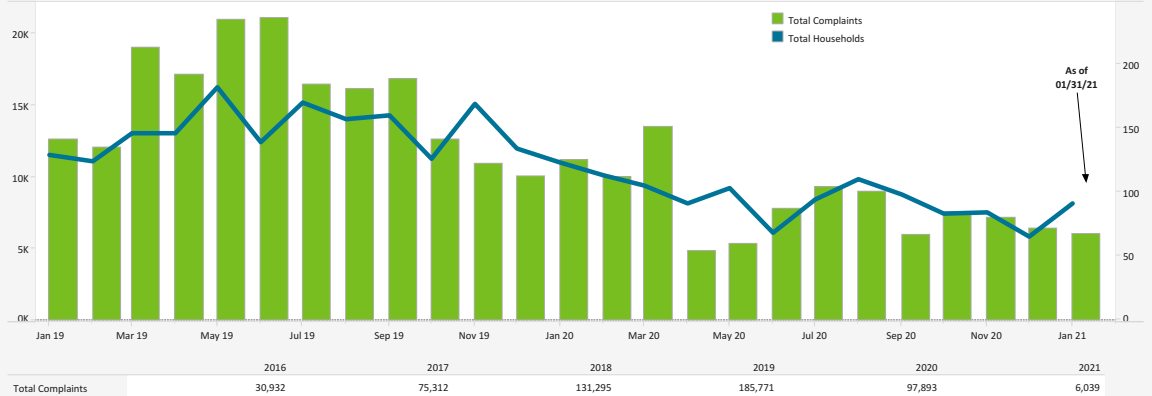
Airline	Right Early Turns	Total Operator Departures	% Departures with Right Early Turns
General Aviation	4	1,229	0.3%
Horizon Air	2	312	0.6%
SkyWest Airlines	1	1,026	0.1%
Alaska Airlines	1	814	0.1%

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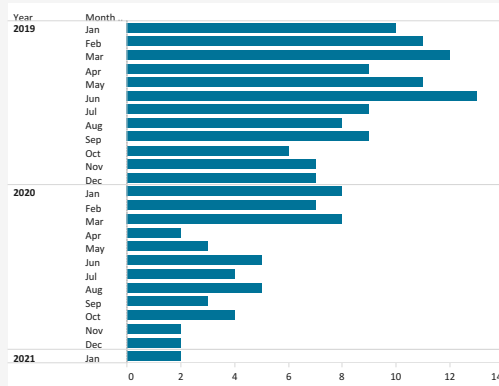
**NOISE COMPLAINT STATISTICS**



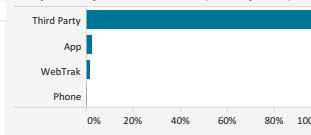
Total Complaints Compared to Total Households



Number of Households with 500+ Complaints per Month



Complaints by Contact Method (January 2021)



Disturbance Type (January 2021)

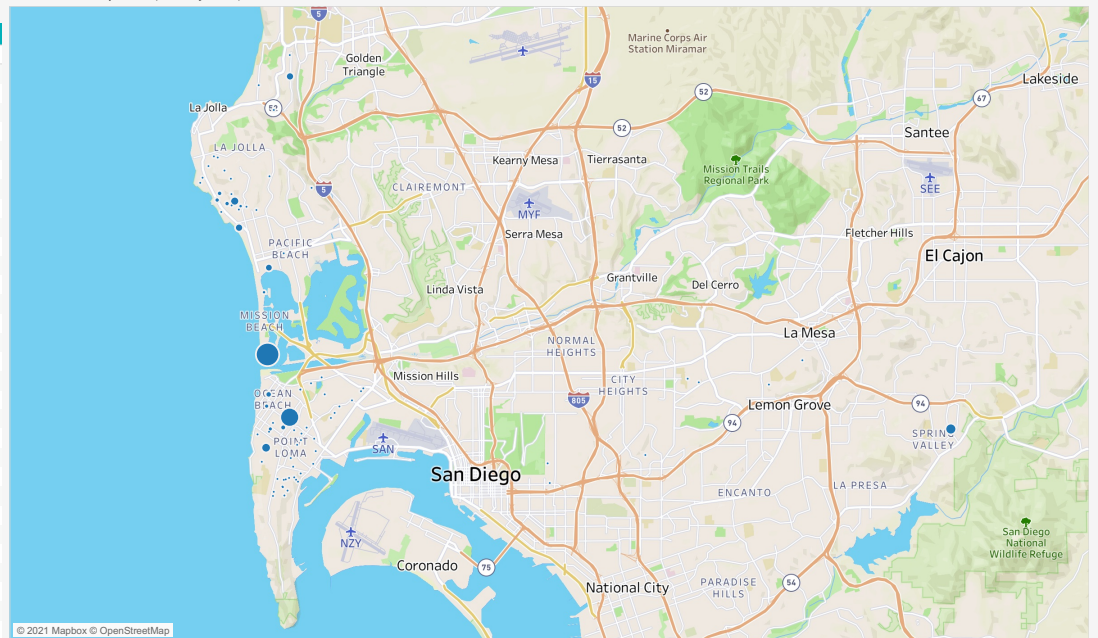
Disturbance Type	# Complaints	% Total
Too Loud	5,899	97.7%
Suspected Off Course	61	1.0%
Overflight	32	0.5%
Too Low	28	0.5%
Curfew Violation	16	0.3%
Pollution	2	0.0%
Other	1	0.0%

The Authority reports all complaints.

Number of Complaints by Neighborhood (January 2021)

Neighborhood	Total Complaints	Total Households
Grand Total	6,039	91
Mission Beach	2,304	3
Point Loma Heights	1,576	11
Bird Rock	558	8
Spring Valley	401	1
Sunset Cliffs	347	4
La Jolla Heights	194	3
Pacific Beach	168	4
Ocean Beach	149	4
Del Mar Heights	56	2
Upper Hermosa	56	1
The Muirlands	44	4
Wooded Area	32	6
La Playa	30	8
Roseville-Fleet Ridge	24	7
Beach Barber Tract	20	3
La Mesa	15	2
Imperial Beach	10	1
La Jolla Mesa	10	1
La Jolla Shores	9	1
La Jolla Alta	7	2
Loma Portal	7	5
El Cerrito	6	1
Lower Hermosa	6	2
Alpine	4	1
El Cerrito	1	1
Golden Hill	1	1
Hidden Valley	1	1
Midway District	1	1
South Park	1	1
Webster	1	1

Location of Complaints (January 2021)



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