

QUIETER HOME PROGRAM

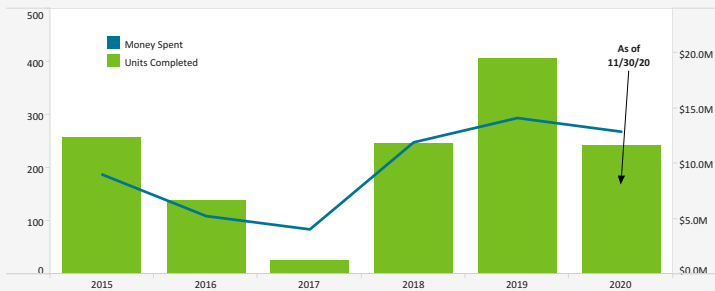


Quieter Home Program As Of: 11/30/2020

Status of Homes	
Homes on Wait List	1,198
Homes Added to Wait List This Month	437
Homes Completed This Month	27
Estimated Homes to Complete in CY 2020	260
Total Homes Completed	4,434

Project	Estimated Construction Start	# Homes
10.4	In Process	57
10.5	Winter 2020	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

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	73%
	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



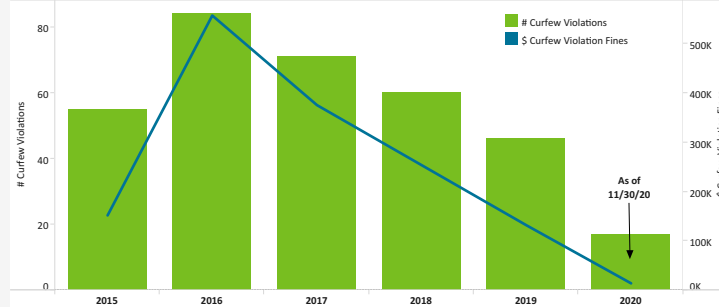
Curfew Violations – None in November, 2020

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

Annual Violations and Penalties Assessed (Year-to-Date)

Year	Total Violations	Fines Assessed
2015	55	\$152,000
2016	84	\$558,000
2017	71	\$376,000
2018	60	\$254,000
2019	46	\$132,000
2020	17	\$14,000

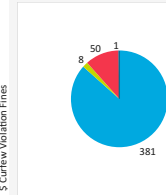
Curfew Violations and Penalties Assessed (by Year)



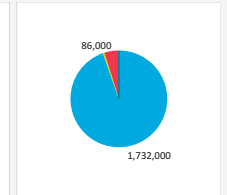
Airline Category

- AIR
- CAR
- G/A
- GOV

Violations by Airline Category



Fines Assessed by Category



Airline Category	# Curfew Violations	\$ Curfew Violation Fines
AIR	381	\$1,732,000
CAR	8	\$10,000
G/A	50	\$86,000
GOV	1	\$2,000

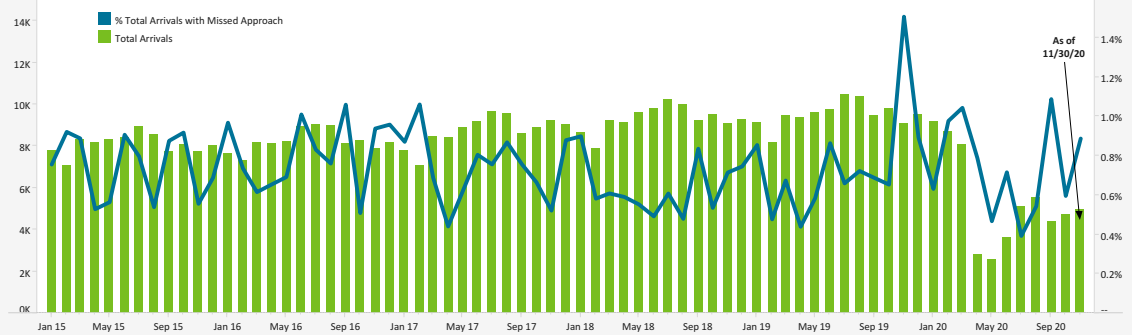
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MISSSED APPROACH STATISTICS



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

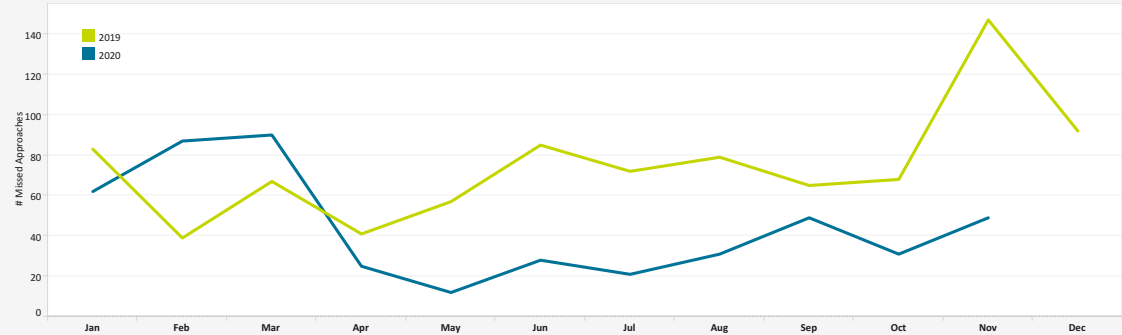


	2015	2016	2017	2018	2019	2020
% Total Arrivals with Missed Approach	0.7%	0.8%	0.7%	0.6%	0.8%	0.8%
Total Arrivals	97,096	98,756	104,725	111,618	114,193	59,632
Total Missed Approaches	760	832	795	721	895	484

Missed Approach Location Statistics

	Sep		Oct		Nov		Sep	Oct	Nov
	Day	Night	Day	Night	Day	Night			
Between Noise Dot #1 - Noise Dot #2	0	2	0	0	0	0	37	16	31
Between Noise Dot #2 - JETTI	17	1	12	0	11	9	4	1	2
Between JETTI - Noise Dot #3	16	1	3	1	9	2	2	2	0
Between Noise Dot #3 - Noise Dot #4	2	0	0	0	1	0	6	11	15
Between Noise Dot #4 - Noise Dot #5	2	0	1	0	1	0			
Between 265°-295° Heading (Standard)									
Left of 265°									
Right of 295°									
East of Airport									

Total Missed Approaches



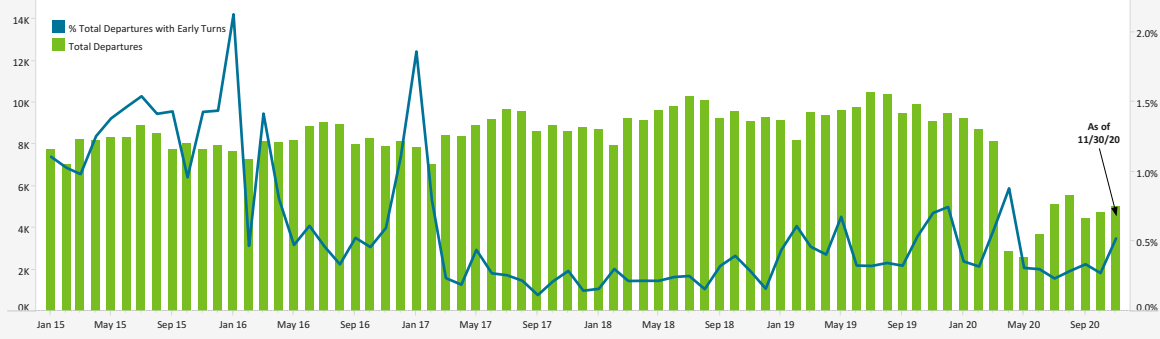
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EARLY TURN STATISTICS



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

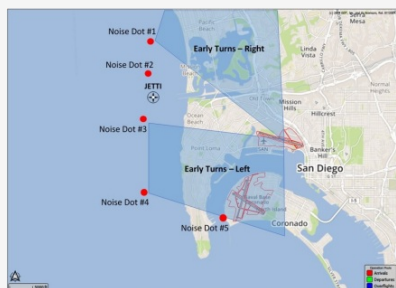


Departure Statistics (November, 2020)

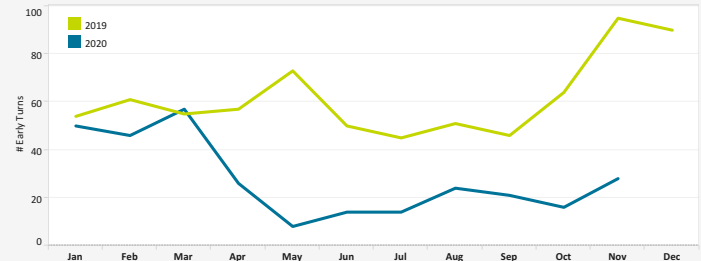
	Sep	Oct	Nov
Jets Turning Left	2,300	2,440	2,578
Between Z2000 and Noise Dots	305	276	349
Compliant with Nighttime departure Heading (290°)	39	29	84
Not Nighttime Compliant - Over La Jolla	9	14	29
Not Nighttime Compliant - East	1	1	0
Not Nighttime Compliant - Straight Out	0	2	6

Cause of Early Turns (November, 2020)

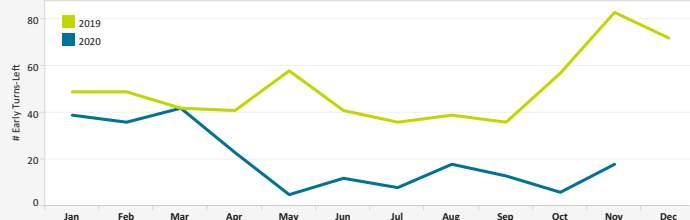
	Sep	Oct	Nov
Caused by ATC Vectors	12	13	19
Caused by Pilot Deviation	9	3	3
Caused by Weather	0	0	6



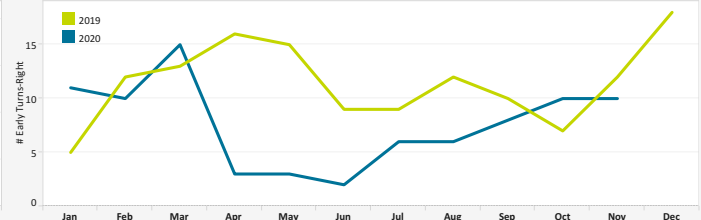
Total Early Turns



Over Point Loma



Over Mission Beach



Early Turns by Operator (November, 2020)

Airline	Left Early Turns	Total Operator Departures	% Departures with Left Early Turns
General Aviation	5	1,294	0.4%
United Airlines	4	849	0.5%
Delta Air Lines	4	970	0.4%
Southwest Airlines	3	2,747	0.1%
American Airlines	2	834	0.2%

Early Turn by Operator (November, 2020)

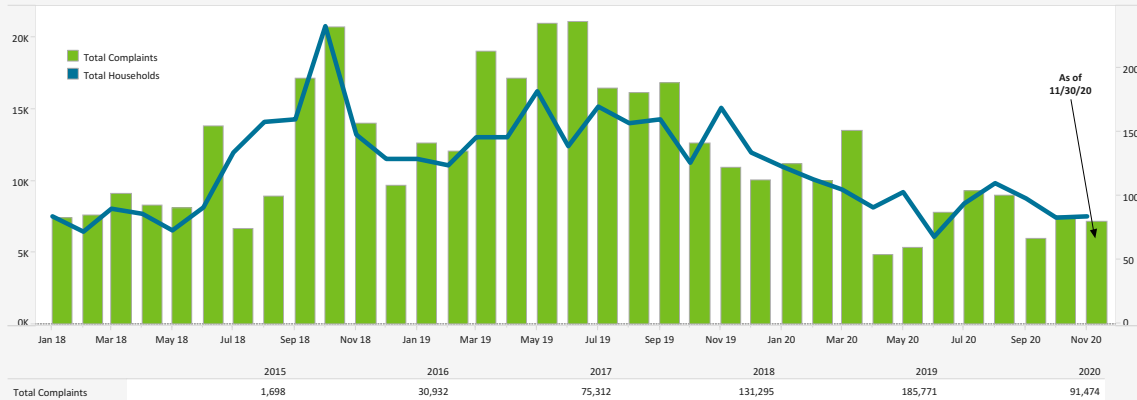
Airline	Right Early Turns	Total Operator Departures	% Departures with Right Early Turns
General Aviation	6	1,294	0.5%
Southwest Airlines	1	2,747	0.0%
Delta Air Lines	1	970	0.1%
American Airlines	1	834	0.1%
Alaska Airlines	1	872	0.1%

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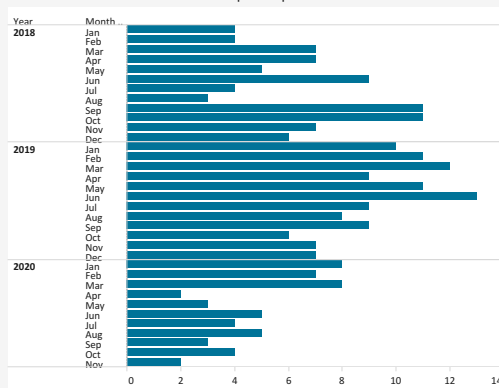
NOISE COMPLAINT STATISTICS



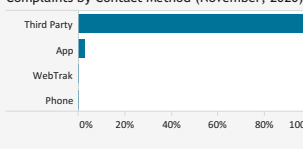
Total Complaints Compared to Total Households



Number of Households with 500+ Complaints per Month



Complaints by Contact Method (November, 2020)



Disturbance Type (November, 2020)

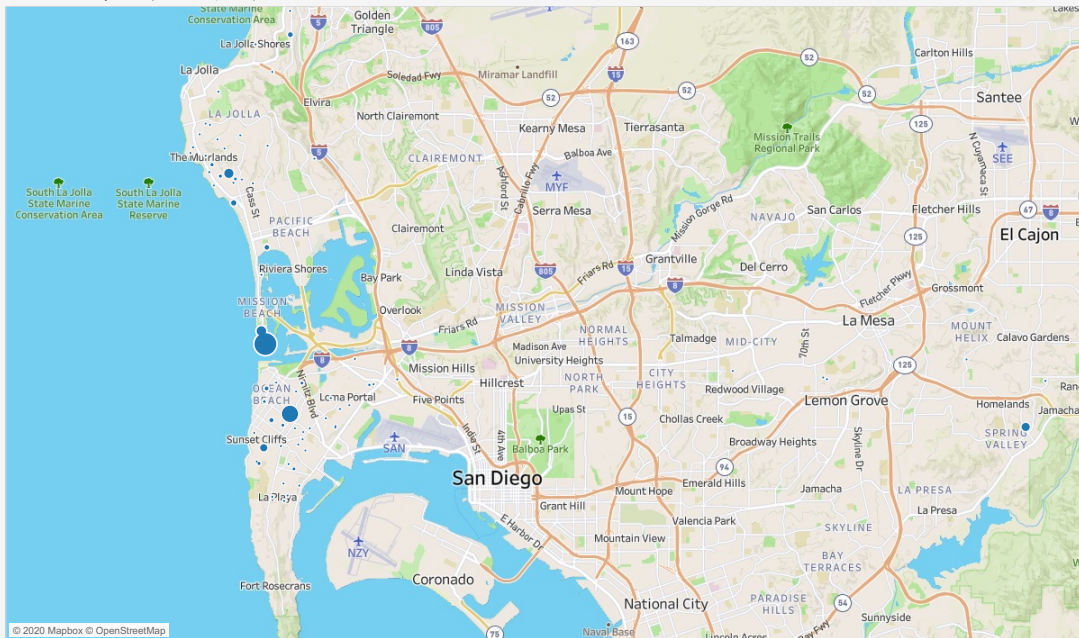
Disturbance Type	# Complaints	% Total
Too Loud	7,009	98.2%
Overflight	50	0.7%
Too Low	39	0.5%
Suspected Off Co...	21	0.3%
Curfew Violation	10	0.1%
Pollution	5	0.1%

The Authority reports all complaints.

Number of Complaints by Neighborhood (November, 2020)

Neighborhood	Total Complaints	Total Households
Grand Total	7,134	84
Mission Beach	3,372	8
Point Loma Heights	1,641	7
Bird Rock	689	8
Spring Valley	359	1
Sunset Cliffs	348	6
La Jolla Heights	122	2
Ocean Beach	119	5
Pacific Beach	113	2
Upper Hermosa	82	3
Roseville-Fleet Ridge	52	6
The Muirlands	52	4
Loma Portal	43	6
Del Mar Heights	40	2
Lower Hermosa	21	2
La Playa	18	4
Beach Barber Tract	14	3
La Mesa	11	2
Casa De Oro-Mt. Helix	10	2
Wooded Area	7	2
La Jolla Shores	5	1
La Jolla Mesa	4	1
Midway District	4	3
La Jolla Alta	3	1
El Cerrito	2	1
Hidden Valley	2	1
La Jolla Village	1	1

Location of Complaints (November, 2020)



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