

QUIETER HOME PROGRAM

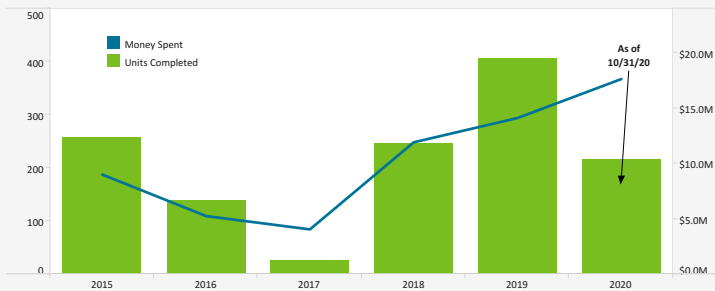


Quieter Home Program As Of: 10/31/2020

Status of Homes	
Homes on Wait List	761
Homes Added to Wait List This Month	70
Homes Completed This Month	12
Estimated Homes to Complete in CY 2020	230
Total Homes Completed	4,407

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	18
10.10	Spring 2021	41
10.11	Summer 2021	65
10.12	Summer 2021	21
11.1	Fall 2021	62
11.2	Winter 2022	75

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	13%
	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



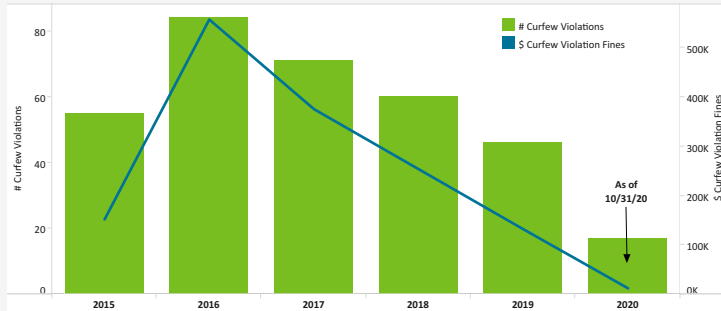
Curfew Violations – None in October, 2020

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	\$12,000

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

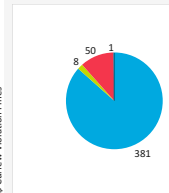
Curfew Violations and Penalties Assessed (by Year)



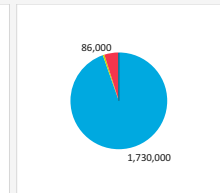
Airline Category

- AIR
- CAR
- G/A
- GOV

Violations by Airline Category



Fines Assessed by Category



Airline Category	# Curfew Violations	\$ Curfew Violation Fines
AIR	381	\$1,730,000
CAR	8	\$10,000
G/A	50	\$86,000
GOV	1	\$2,000

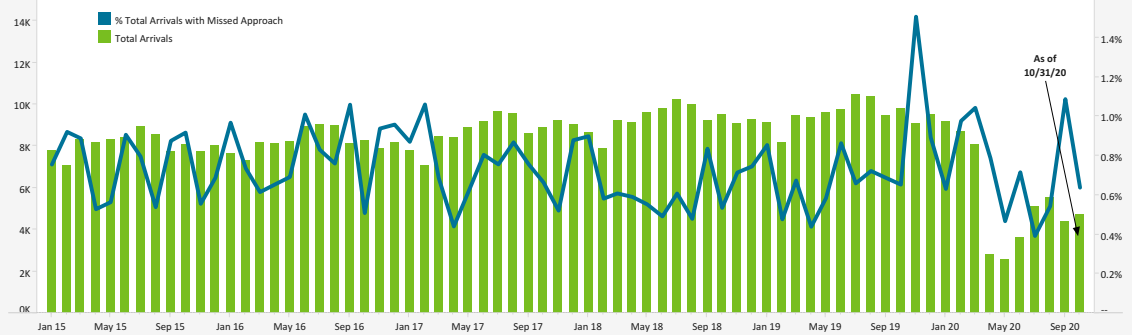
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MISSSED APPROACH STATISTICS



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

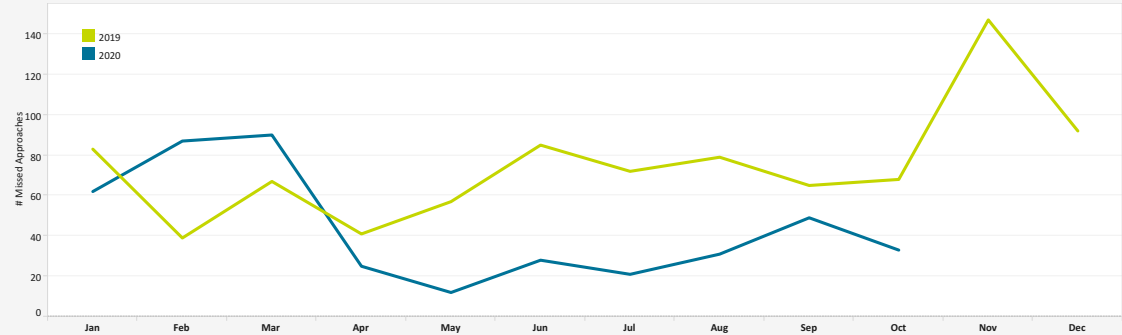


	2015	2016	2017	2018	2019	2020
% Total Arrivals with Missed Approach	0.7%	0.8%	0.7%	0.6%	0.8%	0.8%
Total Arrivals	97,096	98,756	104,725	111,618	114,193	54,674
Total Missed Approaches	760	832	795	721	895	438

Missed Approach Location Statistics

	Aug		Sep		Oct			Aug	Sep	Oct
	Day	Night	Day	Night	Day	Night				
Between Noise Dot #1 - Noise Dot #2	0	0	0	2	0	0	Between 265°-295° Heading (Standard)	21	37	17
Between Noise Dot #2 - JETTI	14	1	17	1	12	0	Left of 265°	5	4	1
Between JETTI - Noise Dot #3	5	1	16	1	4	1	Right of 295°	3	2	2
Between Noise Dot #3 - Noise Dot #4	4	0	2	0	0	0	East of Airport	1	6	12
Between Noise Dot #4 - Noise Dot #5	1	0	2	0	1	0				

Total Missed Approaches



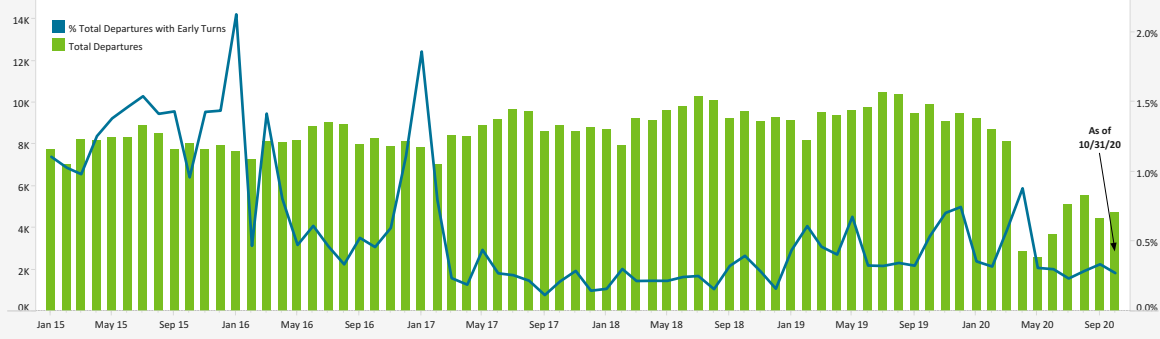
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EARLY TURN STATISTICS



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



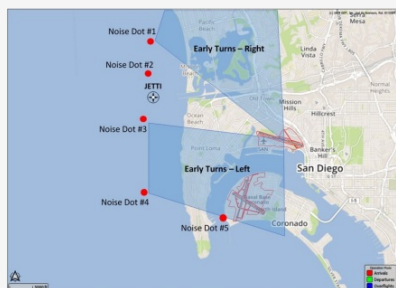
	2015	2016	2017	2018	2019	2020
Total Early Turns	1,421	914	558	395	741	276

Departure Statistics (October, 2020)

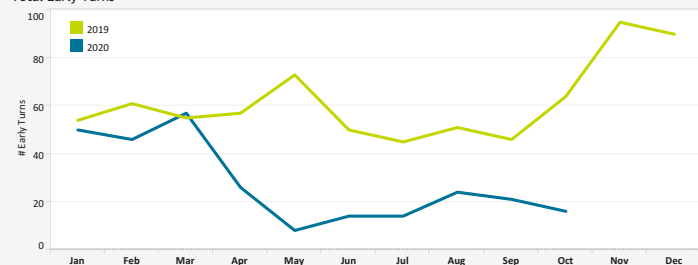
	Aug	Sep	Oct
Jets Turning Left	2,804	2,300	2,440
Between Z2000 and Noise Dots	432	305	276
Compliant with Nighttime departure Heading (290°)	33	39	29
Not Nighttime Compliant - Over La Jolla	12	9	14
Not Nighttime Compliant - East	1	1	1
Not Nighttime Compliant - Straight Out	1	0	2

Cause of Early Turns (October, 2020)

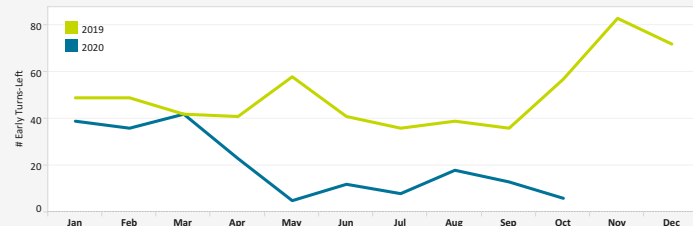
	Aug	Sep	Oct
Caused by ATC Vectors	19	12	13
Caused by Pilot Deviation	5	9	3
Caused by Weather	0	0	0



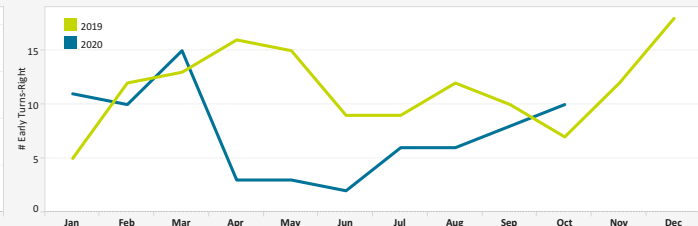
Total Early Turns



Over Point Loma



Over Mission Beach



Early Turns by Operator (October, 2020)

Airline	Left Early Turns	Total Operator Departures	% Departures with Left Early Turns
General Aviation	2	1,461	0.1%
Southwest Airlines	1	2,367	0.0%
Hawaiian Airlines	1	53	1.9%
Delta Air Lines	1	975	0.1%
American Airlines	1	827	0.1%

Early Turn by Operator (October, 2020)

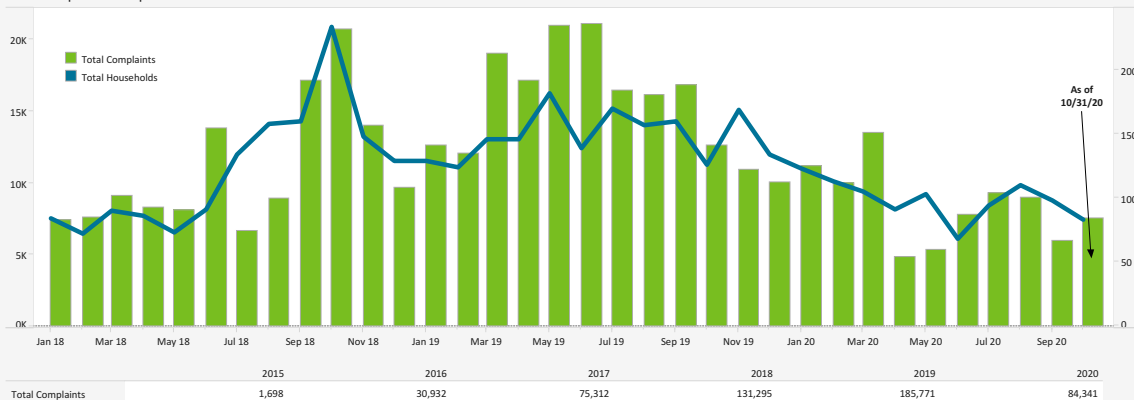
Airline	Right Early Turns	Total Operator Departures	% Departures with Right Early Turns
General Aviation	7	1,461	0.5%
SkyWest Airlines	2	936	0.2%
Delta Air Lines	1	975	0.1%

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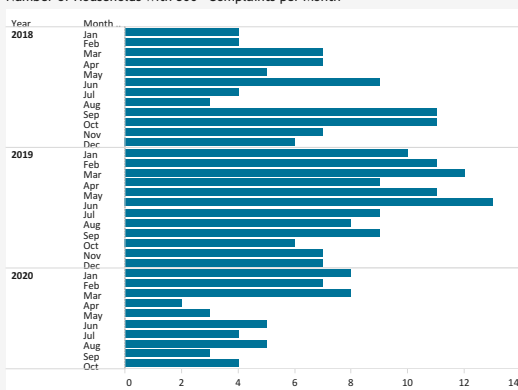
NOISE COMPLAINT STATISTICS



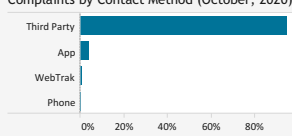
Total Complaints Compared to Total Households



Number of Households with 500+ Complaints per Month



Complaints by Contact Method (October, 2020)



Disturbance Type (October, 2020)

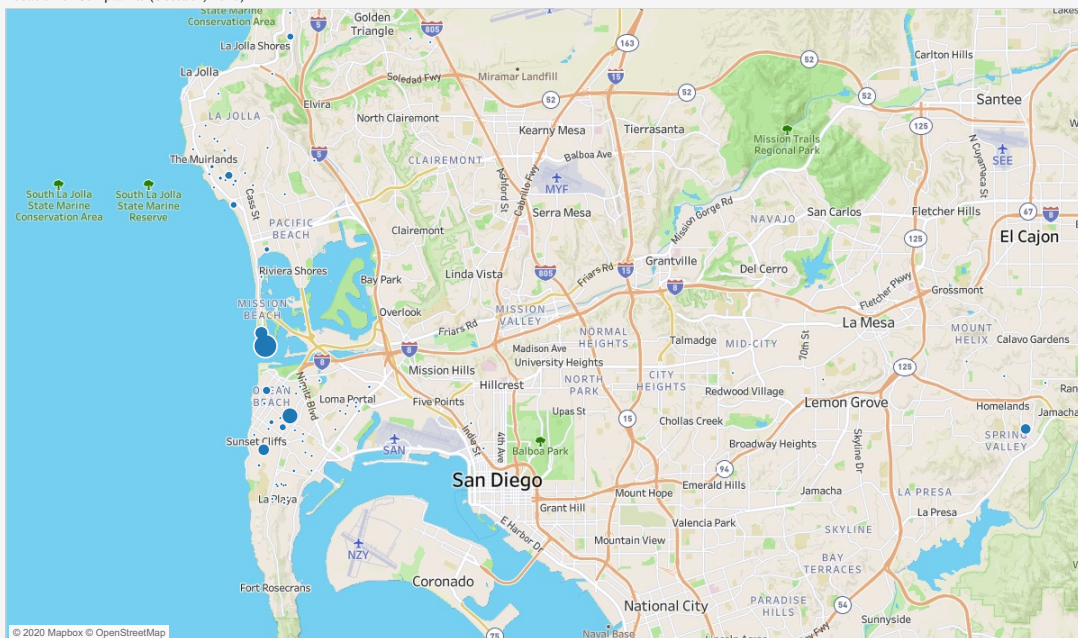
Disturbance Type	# Complaints	% Total
Too Loud	7,404	98.3%
Overflight	54	0.7%
Too Low	33	0.4%
Suspected Off Co...	27	0.4%
Curfew Violation	12	0.2%
Pollution	3	0.0%
Helicopter	2	0.0%

The Authority reports all complaints.

Number of Complaints by Neighborhood (October, 2020)

Neighborhood	Total Complaints	Total Households
Grand Total	7,535	83
Mission Beach	3,352	6
Point Loma Heights	1,492	8
Sunset Cliffs	632	3
Bird Rock	528	8
Spring Valley	495	1
Ocean Beach	307	6
La Jolla Heights	187	2
Del Mar Heights	114	2
Pacific Beach	107	4
The Muiroids	61	4
Upper Hermosa	51	1
Roseville-Fleet Ridge	39	6
Loma Portal	35	7
Beach Barber Tract	29	2
Wooded Area	27	6
La Playa	21	2
Lower Hermosa	18	1
University City	10	2
Casa De Oro-Mt. Helix	7	3
La Mesa	6	1
El Cerrito	5	1
Imperial Beach	4	1
La Jolla Alta	2	1
La Jolla Village	2	1
Bankers Hill	1	1
Hidden Valley	1	1
La Jolla Mesa	1	1
Middletown	1	1

Location of Complaints (October, 2020)



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