

QUIETER HOME PROGRAM

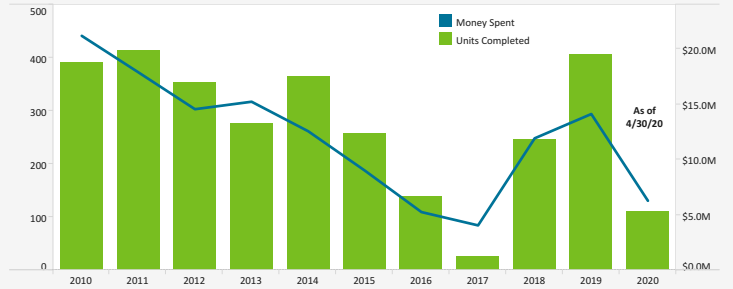


Quieter Home Program As Of: 4/30/2020

Status of Homes	
Homes on Wait List	887
Homes Added to Wait List This Month	16
Homes Completed This Month	10
Total Homes Completed	4,340
Estimated Homes to Complete in CY 2020	400

Project	Estimated Construction Start	# Homes
9.12	Underway	32
10.2	Underway	63
10.3	Summer 2020	10
10.4	Fall 2020	57
10.5	Fall 2020	13
10.6	Winter 2020	27
10.7	Winter 2020	40
10.8	Spring 2021	51
10.9	Spring 2021	18
10.10	Summer 2021	41
10.11	Fall 2021	65

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

Question	Answer	Percentage
Effectiveness of Doors	Significant Improvement	82%
	Slight Improvement	13%
	No Improvement	4%
	Not Installed	1%
Effectiveness of Ventilation	Significant Improvement	74%
	Slight Improvement	12%
	No Improvement	8%
	Not Installed	5%
Effectiveness of Windows	Significant Improvement	87%
	Slight Improvement	12%
	No Improvement	2%
	Not Installed	0%

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CURFEW VIOLATIONS



Curfew Violations (None for April, 2020)

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

Year	Total Violations	Fines Assessed
2014	47	\$178,000
2015	55	\$152,000
2016	84	\$558,000
2017	71	\$376,000
2018	60	\$254,000
2019	46	\$132,000
2020	10	\$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.

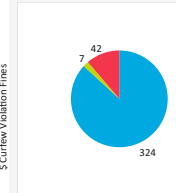
Curfew Violations and Penalties Assessed (by Year)



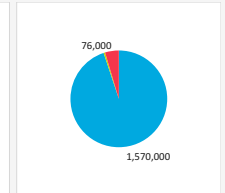
Airline Category

AIR CAR G/A

Violations by Airline Category



Fines Assessed by Category



Airline Category	# Curfew Violations	\$ Curfew Violation Fines
AIR	324	\$1,570,000
CAR	7	\$8,000
G/A	42	\$76,000

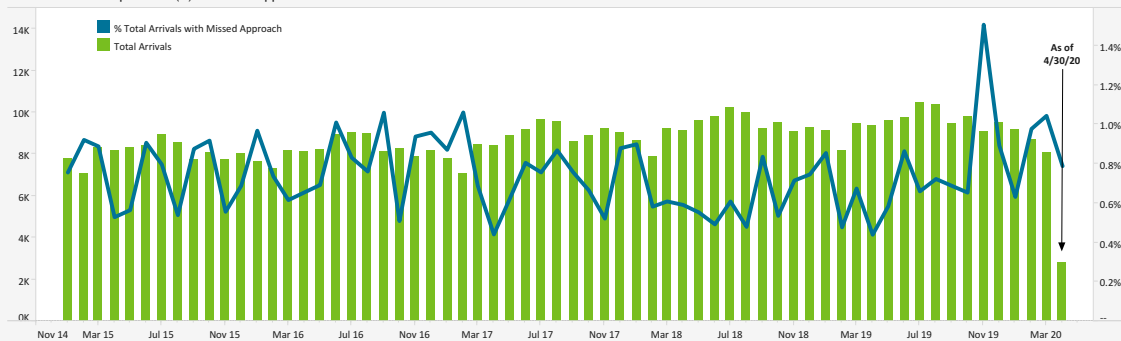
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MISSSED APPROACH STATISTICS



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

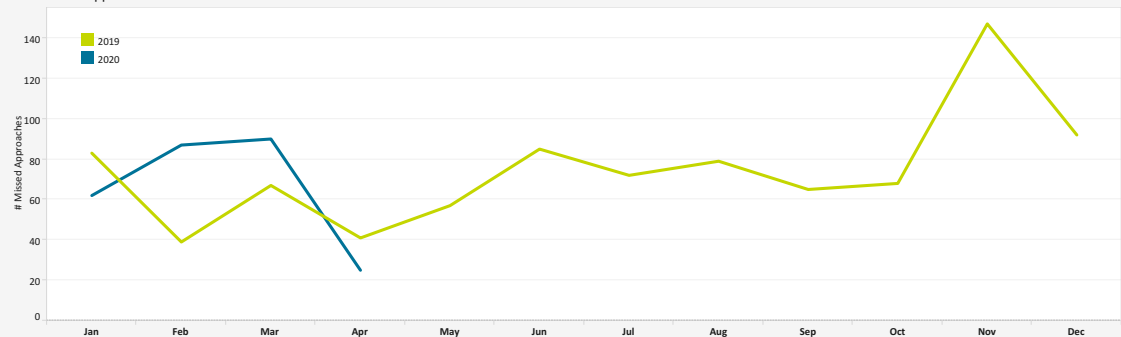


	2015	2016	2017	2018	2019	2020
% Total Arrivals with Missed Approach	0.7%	0.8%	0.7%	0.6%	0.8%	0.9%
Total Arrivals	97,096	98,756	104,725	111,618	114,193	28,737
Total Missed Approaches	760	832	795	721	895	264

Missed Approach Location Statistics

	Feb		Mar		Apr		Feb	Mar	Apr
	Day	Night	Day	Night	Day	Night			
Between Noise Dot #1 - Noise Dot #2	2	1	2	3	0	1	65	62	14
Between Noise Dot #2 - JETTI	31	5	30	11	9	3	4	18	9
Between JETTI - Noise Dot #3	14	6	10	6	1	0	13	7	1
Between Noise Dot #3 - Noise Dot #4	13	0	5	1	1	0	5	3	0
Between Noise Dot #4 - Noise Dot #5	0	0	1	0	0	0			
Between 265°-295° Heading (Standard)									
East of Airport									
Left of 265°									
Right of 295°									

Total Missed Approaches



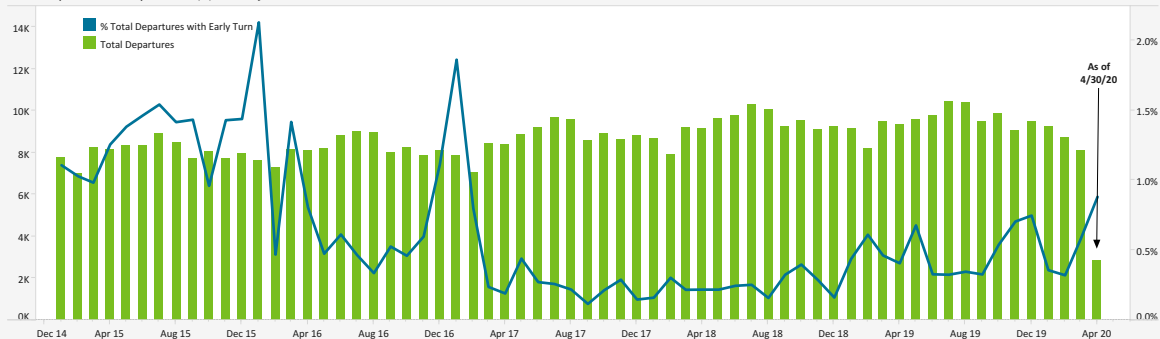
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EARLY TURN STATISTICS



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



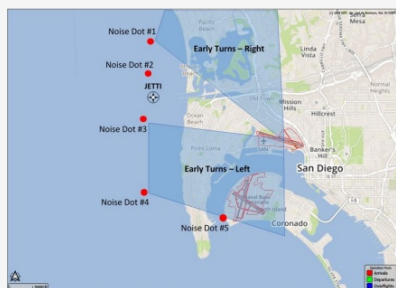
	2015	2016	2017	2018	2019	2020
Total Early Turns	1,421	914	558	395	741	179

Departure Statistics (Apr 2020)

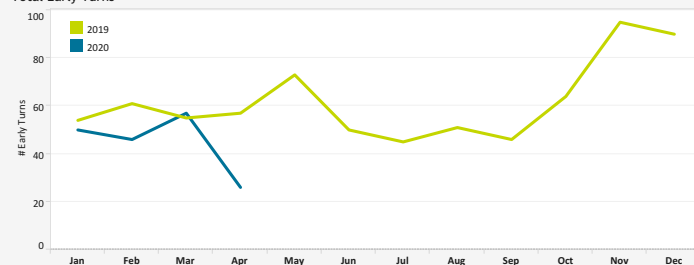
	Feb	Mar	Apr
Jets Turning Left	4,071	3,776	1,360
Between Z2000 & Noise Dots	600	744	290
Compliant with Nighttime Departure Heading (290°)	207	366	63
Not Nighttime Compliant: Straight Out	5	11	1
Not Nighttime Compliant: East	12	0	0
Not Nighttime Compliant: Over La Jolla	11	11	6

Cause of Early Turns (Apr 2020)

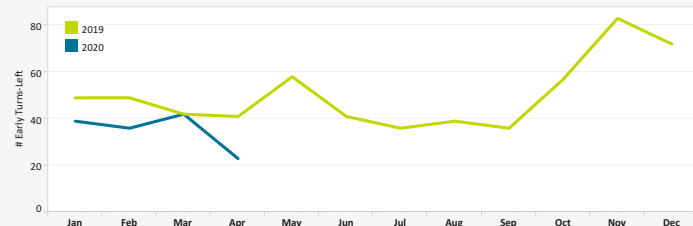
	Feb	Apr	Mar
# Caused by ATC Vectors	41	18	49
# Caused by Pilot Deviation	2	0	0
# Caused by Weather	3	8	8



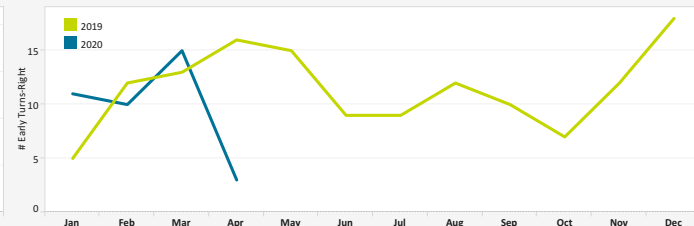
Total Early Turns



Over Point Loma



Over Mission Beach



Early Turns by Operator (Apr 2020)

Airline	Early Turns Over Point Loma	Total Operator Departures	% Departures with Early Turns Over Point Loma
Southwest Airlines	11	2,352	0.5%
United Airlines	4	242	1.7%
American Airlines	4	617	0.6%
Delta Air Lines	3	418	0.7%
Alaska Airlines	1	235	0.4%

Early Turn by Operator (Apr 2020)

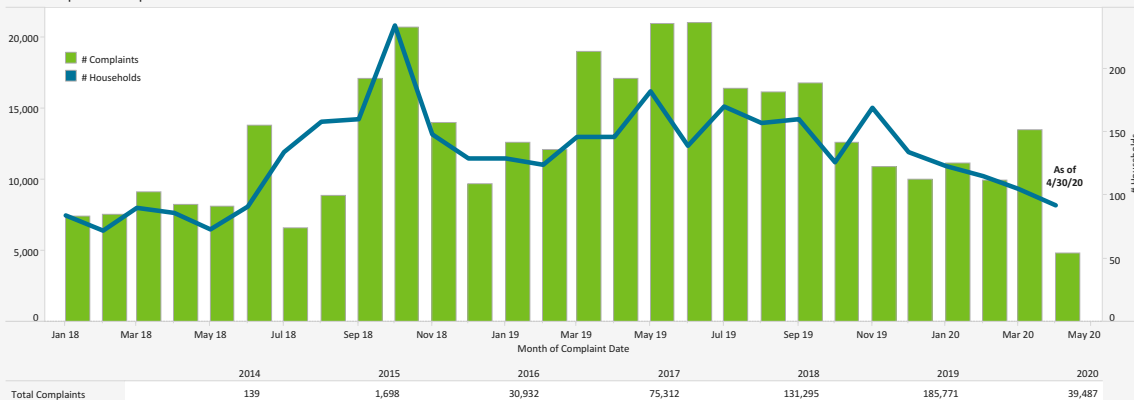
Airline	Early Turns Over Mission Beach	Total Operator Departures	% Departures with Early Turns Over Mission Beach
General Aviation	2	290	0.7%
Southwest Airlines	1	2,352	0.0%

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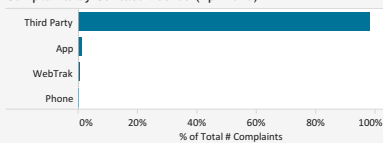
NOISE COMPLAINT STATISTICS



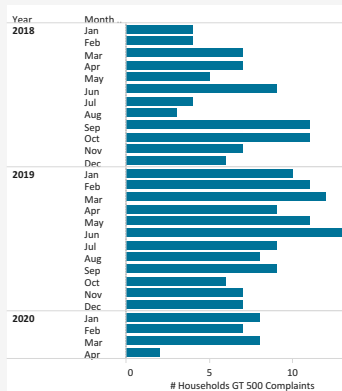
Total Complaints Compared to Total Households



Complaints by Contact Method (Apr 2020)



Number of Households with 500+ Complaints per Month

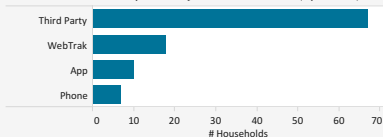


Disturbance Type (Apr 2020)

Disturbance Type	# Complaints AMAC R21	% of Total # Complaints along Ta...
Too Loud	4,774	98.8%
Overflight	33	0.7%
Suspected Off Course	11	0.2%
Too Low	9	0.2%
Curfew Violation	5	0.1%
Off Course	1	0.0%

The Authority reports all complaints.

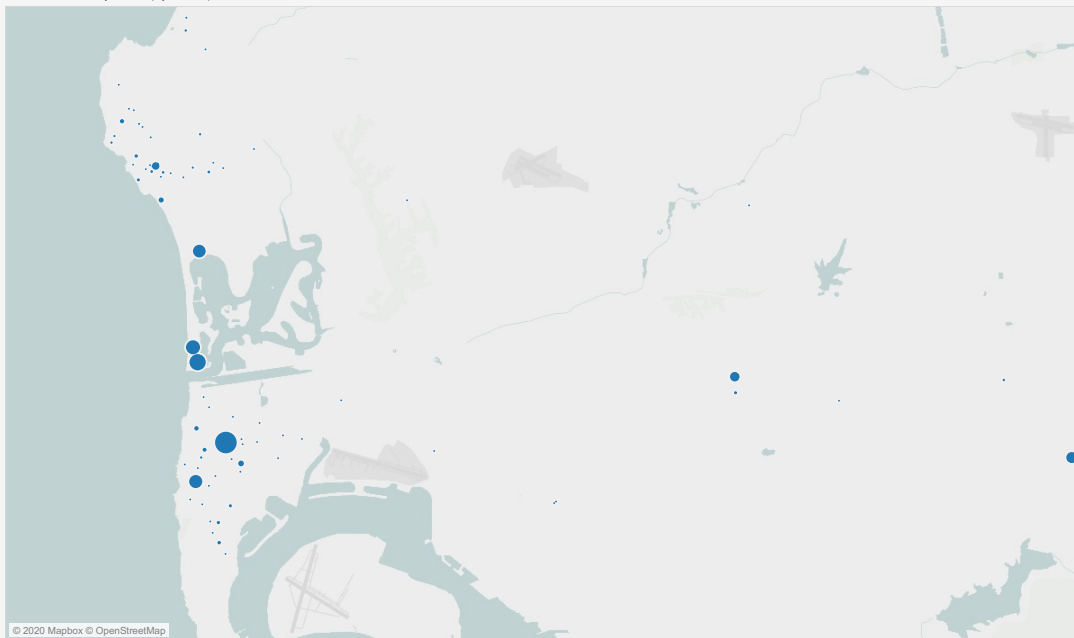
Households with Complaints by Contact Method (Apr 2020)



Number of Complaints by Neighborhood (Apr 2020)

Neighborhood	# Complaints	# Households
Grand Total	4,833	92
Point Loma Heights	1,307	8
Mission Beach	1,190	5
Sunset Cliffs	437	5
Pacific Beach	431	5
Spring Valley	304	1
Bird Rock	258	9
El Cerrito	249	2
Del Mar Heights	205	2
The Muirlands	78	6
Ocean Beach	56	5
Beach Barber Tract	49	3
Wooded Area	35	4
La Playa	30	1
Roseville-Fleet Ridge	28	3
Upper Hermosa	28	1
La Jolla Shores	24	2
Lower Hermosa	24	2
Casa De Oro-Mt. Helix	22	3
Fallbrook	18	1
La Jolla Alta	18	3
La Jolla Mesa	16	2
La Mesa	4	2
Clairemont Mesa West	3	1
Dana Point	2	1
La Jolla Heights	2	1
Loma Portal	2	2
South Park	2	2
Allied Gardens	1	1
Carlsbad	1	1
Eastlake Greens	1	1
Hidden Valley	1	1
La Jolla Village	1	1
Middletown	1	1
Old Town	1	1
Point Loma	1	1
Rancho San Diego	1	1

Location of Complaints (Apr 2020)



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