

QUIETER HOME PROGRAM

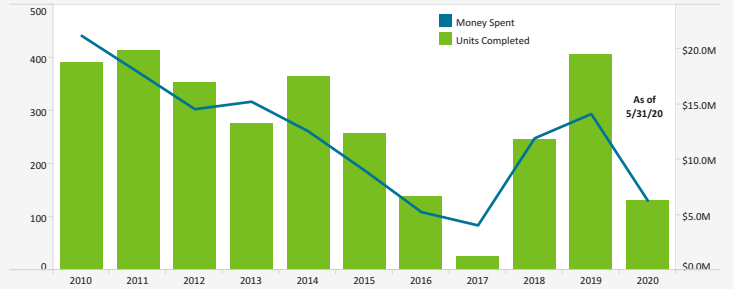


Quieter Home Program As Of: 5/31/2020

Status of Homes	
Homes on Wait List	801
Homes Added to Wait List This Month	8
Homes Completed This Month	19
Total Homes Completed	4,360
Estimated Homes to Complete in CY 2020	400

Project1	Estimated Construction Start1	# 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
10.12	Winter 2021	21

From 2011 – 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	75%
	Slight Improvement	17%
	No Improvement	8%
	Not Installed	1%
Effectiveness of Ventilation	Significant Improvement	58%
	Slight Improvement	16%
	No Improvement	20%
	Not Installed	6%
Effectiveness of Windows	Significant Improvement	78%
	Slight Improvement	15%
	No Improvement	7%
	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.

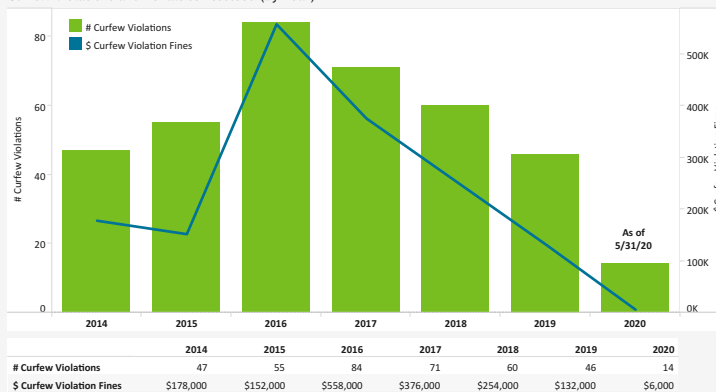
Curfew Violations (May, 2020)

Date, Time	Airline	Aircraft Type	Penalty Status
05/21/20, 01:41 AM	Swift Air	B734	Pending Review
05/21/20, 04:42 AM	Swift Air	B733	Pending Review
05/22/20, 11:35 PM	Swift Air	B738	Pending Review
05/23/20, 03:21 AM	Swift Air	B733	Pending Review

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	14	\$6,000

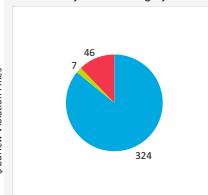
Curfew Violations and Penalties Assessed (by Year)



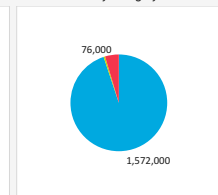
Airline Category

AIR CAR G/A

Violations by Airline Category



Fines Assessed by Category



Airline Category	# Curfew Violations	\$ Curfew Violation Fines
AIR	324	\$1,572,000
CAR	7	\$8,000
G/A	46	\$76,000

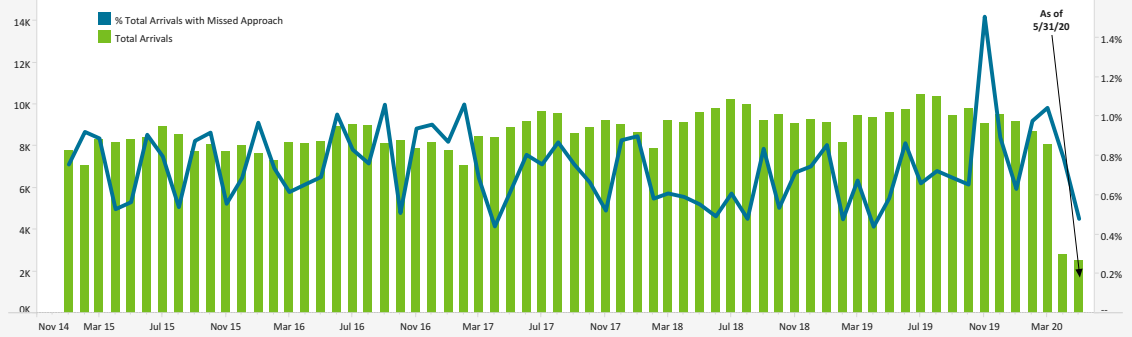
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MISSSED APPROACH STATISTICS



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

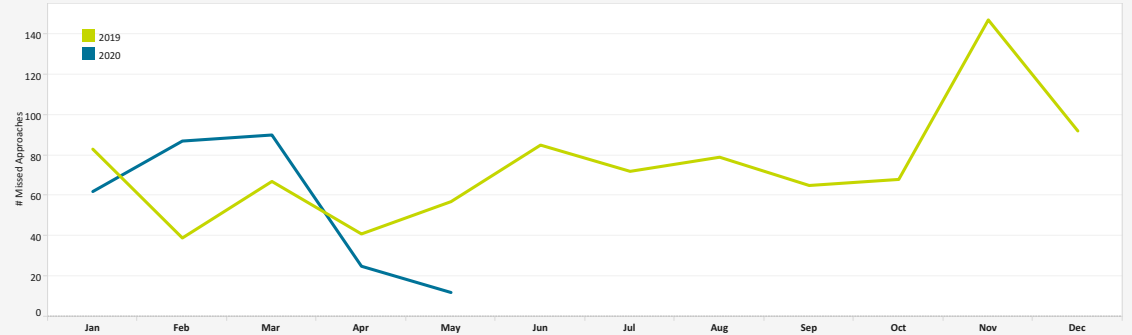


	2015	2016	2017	2018	2019	2020
% Total Arrivals with Missed Approach	0.7%	0.8%	0.7%	0.6%	0.8%	0.8%
Total Arrivals	97,096	98,756	104,725	111,618	114,193	31,242
Total Missed Approaches	760	832	795	721	895	276

Missed Approach Location Statistics

	Mar		Apr		May			Mar	Apr	May
	Day	Night	Day	Night	Day	Night				
Between Noise Dot #1 - Noise Dot #2	2	3	0	1	0	0	Between 265°-295° Heading (Standard)	62	14	12
Between Noise Dot #2 - JETTI	30	11	9	3	10	10	East of Airport	18	9	0
Between JETTI - Noise Dot #3	10	6	1	0	2	2	Left of 265°	7	1	0
Between Noise Dot #3 - Noise Dot #4	5	1	1	0	0	0	Right of 295°	3	0	0
Between Noise Dot #4 - Noise Dot #5	1	0	0	0	0	0				

Total Missed Approaches



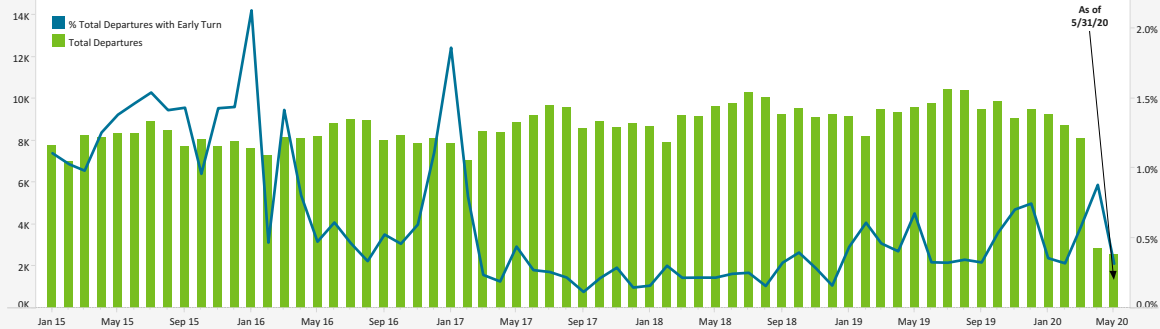
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EARLY TURN STATISTICS



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



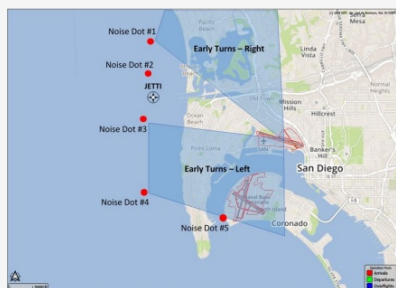
	2015	2016	2017	2018	2019	2020
Total Early Turns	1,421	914	558	395	741	187

Departure Statistics (May 2020)

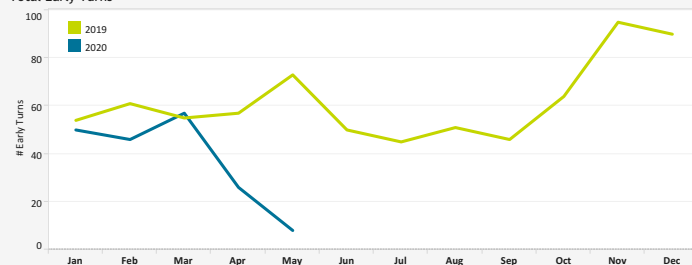
	Mar	Apr	May
Jets Turning Left	3,776	1,360	1,106
Between Z2000 & Noise Dots	744	290	248
Compliant with Nighttime Departure Heading (290°)	366	64	10
Not Nighttime Compliant: Straight Out	11	1	0
Not Nighttime Compliant: East	0	0	0
Not Nighttime Compliant: Over La Jolla	11	6	3

Cause of Early Turns (May 2020)

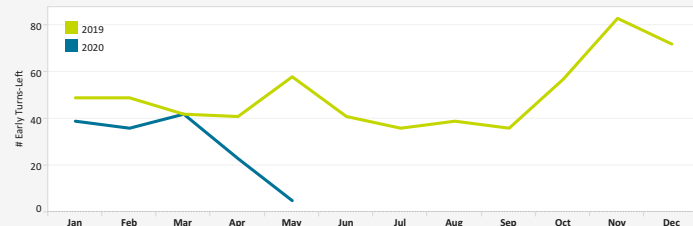
	May	Apr	Mar
# Caused by ATC Vectors	8	18	49
# Caused by Pilot Deviation	0	0	0
# Caused by Weather	0	8	8



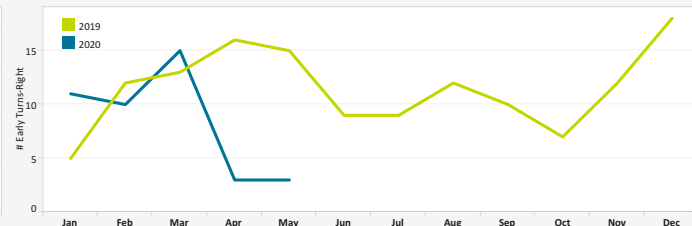
Total Early Turns



Over Point Loma



Over Mission Beach



Early Turns by Operator (May 2020)

Airline	Early Turns Over Point Loma	Total Operator Departures	% Departures with Early Turns Over Point Loma
General Aviation	3	645	0.5%
United Airlines	1	291	0.3%
Southwest Airlines	1	1,898	0.1%

Early Turn by Operator (May 2020)

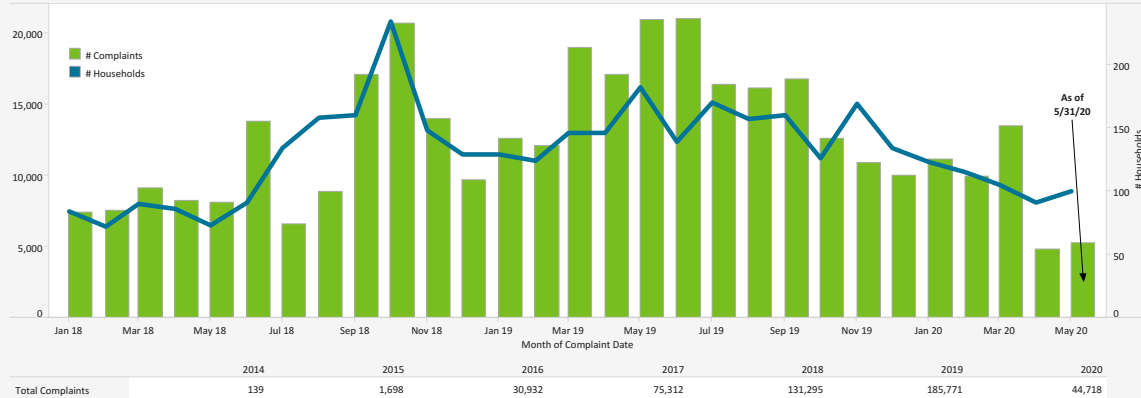
Airline	Early Turns Over Mission Beach	Total Operator Departures	% Departures with Early Turns Over Mission Beach
General Aviation	3	645	0.5%

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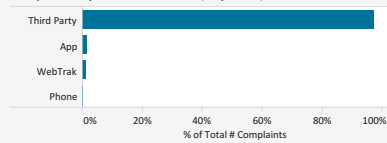
**NOISE COMPLAINT STATISTICS**



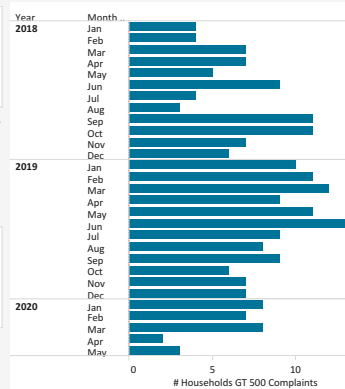
Total Complaints Compared to Total Households



Complaints by Contact Method (May 2020)



Number of Households with 500+ Complaints per Month

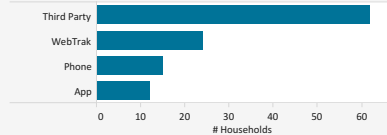


Disturbance Type (May 2020)

Disturbance Type	# Complaints ANAC R21	% of Total # Complaints along Tg...
Too Loud	5,158	98.6%
Curfew Violation	19	0.4%
Suspected Off Course	19	0.4%
Overflight	18	0.3%
Too Low	14	0.3%
Helicopter	2	0.0%
Pollution	1	0.0%

The Authority reports all complaints.

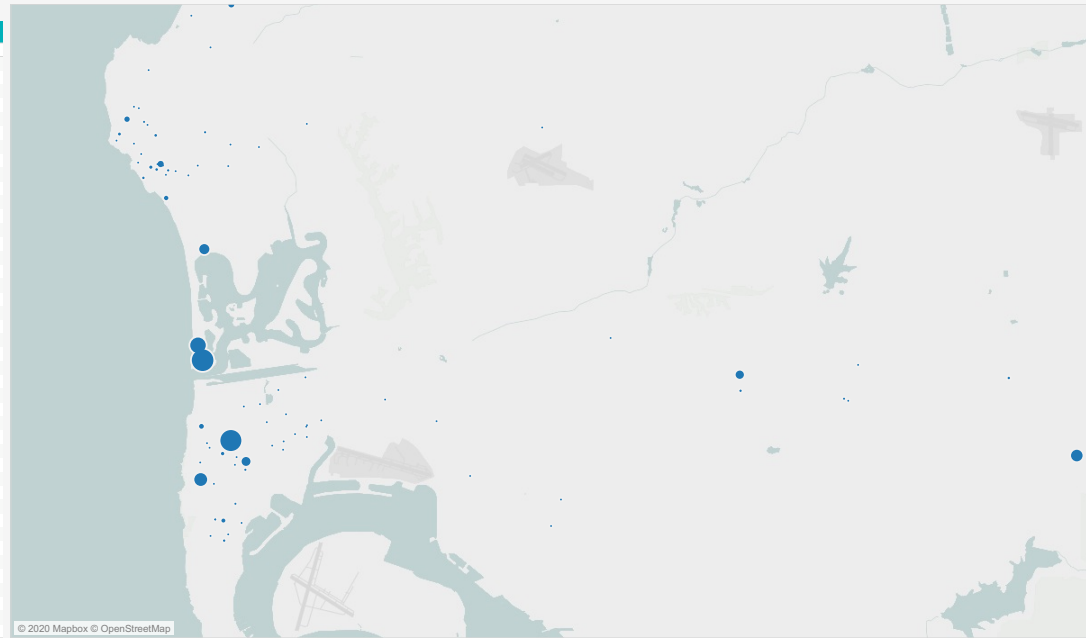
Households with Complaints by Contact Method (May 2020)



Number of Complaints by Neighborhood (May 2020)

Neighborhood	# Complaints	# Households
Grand Total	5,231	100
Mission Beach	1,774	5
Point Loma Heights	1,334	8
Sunset Cliffs	411	3
Spring Valley	333	1
Pacific Beach	262	4
Bird Rock	208	8
El Cerrito	182	2
Del Mar Heights	117	2
La Jolla Heights	91	2
Beach Barber Tract	77	3
Alpine	73	1
Ocean Beach	59	4
The Muirlands	53	6
Wooded Area	48	4
Casa De Oro-Mt. Helix	23	3
Lower Hermosa	23	2
Roseville-Fleet Ridge	21	2
Fallbrook	20	1
Carlsbad	19	1
La Playa	16	3
Loma Portal	14	8
La Mesa	13	4
La Jolla Alta	12	2
La Jolla Mesa	10	2
Upper Hermosa	10	2
La Jolla Villaeae	6	1
Hidden Valley	4	1
Imperial Beach	2	1
Normal Heights	2	1
Rancho San Diego	2	1
Bankers Hill	1	1
Bay Ho	1	1
Chula Vista	1	1
Golden Hill	1	1
Kearny Mesa	1	1
La Jolla Shores	1	1
Loma Portal	1	1
Middleown	1	1
Midway	1	1
Ocean Crest-Otay Mesa	1	1
Old Town	1	1
South Park	1	1

Location of Complaints (May 2020)



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