

QUIETER HOME PROGRAM

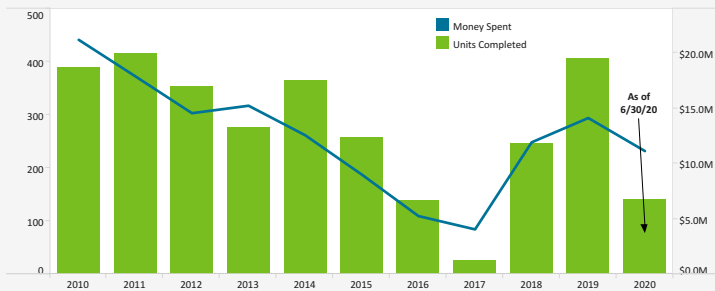


Quieter Home Program As Of: 6/30/2020

Status of Homes	
Homes on Wait List	791
Homes Added to Wait List This Month	4
Homes Completed This Month	11
Total Homes Completed	4,368
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
10.12	Winter 2021	21

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	74%
	Slight Improvement	12%
	No Improvement	8%
	Not Installed	6%
Effectiveness of Windows	Significant Improvement	87%
	Slight Improvement	11%
	No Improvement	2%
	Not Installed	0%

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CURFEW VIOLATIONS



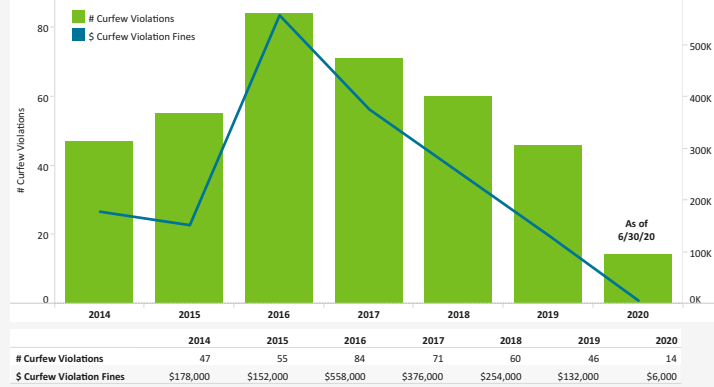
Curfew Violations - None for June, 2020

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
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

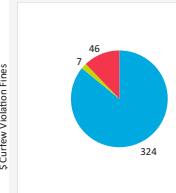
Curfew Violations and Penalties Assessed (by Year)



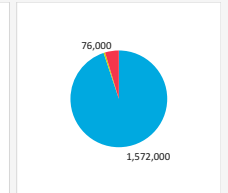
Airline Category

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

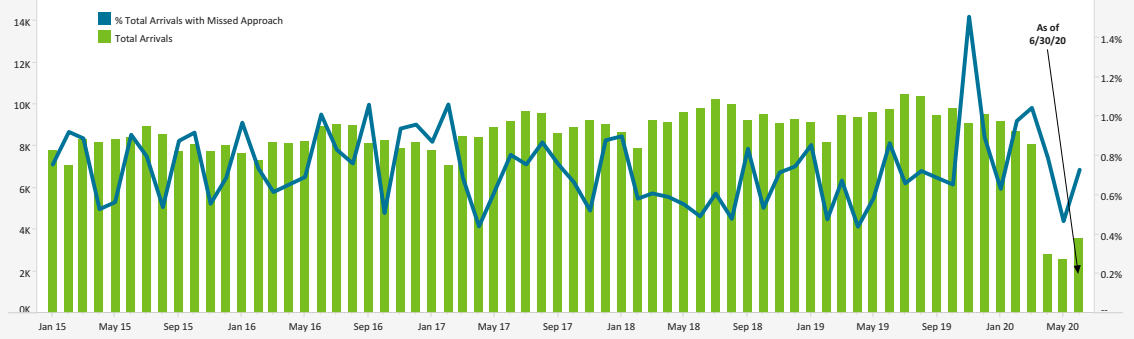
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MISSSED APPROACH STATISTICS



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

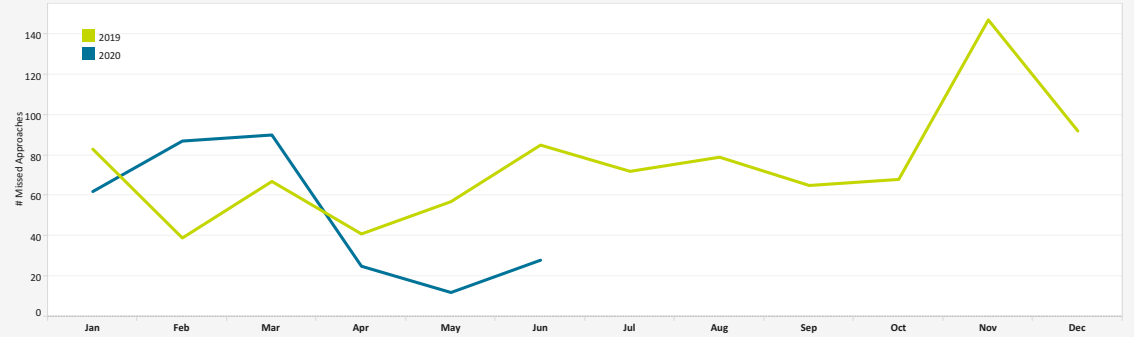


	2015	2016	2017	2018	2019	2020
% Total Arrivals with Missed Approach	0.7%	0.8%	0.7%	0.6%	0.8%	0.8%
Total Arrivals	97,096	98,756	104,725	111,618	114,193	34,873
Total Missed Approaches	760	832	795	721	895	304

Missed Approach Location Statistics

	Apr		May		Jun			Apr	May	Jun
	Day	Night	Day	Night	Day	Night				
Between Noise Dot #1 - Noise Dot #2	0	1	0		1		Between 265°-295° Heading (Standard)	14	12	23
Between Noise Dot #2 - JETTI	9	3	10		12		East of Airport	9	0	2
Between JETTI - Noise Dot #3	1	0	2		10		Left of 265°	1	0	2
Between Noise Dot #3 - Noise Dot #4	1	0	0		0		Right of 295°	0	0	1
Between Noise Dot #4 - Noise Dot #5	0	0	0		0					

Total Missed Approaches



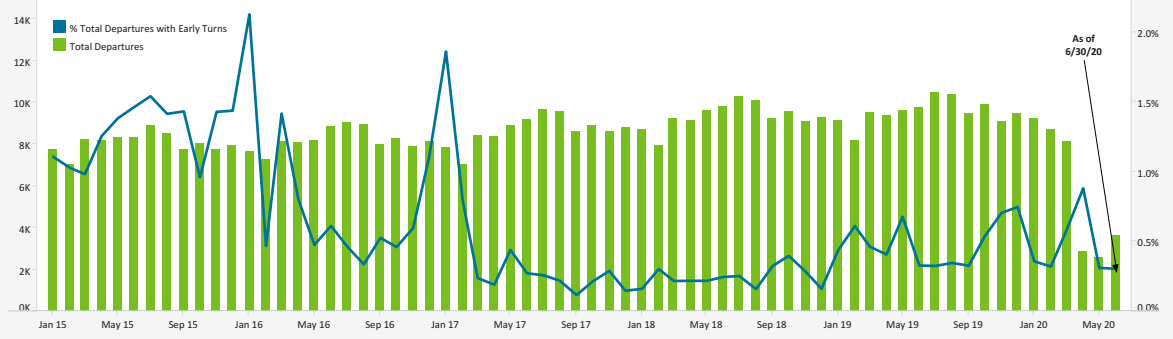
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EARLY TURN STATISTICS



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



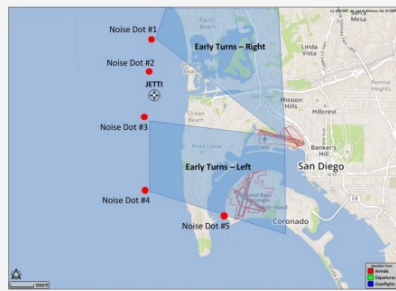
	2015	2016	2017	2018	2019	2020
Total Early Turns	1,421	914	558	395	741	201

Departure Statistics (June 2020)

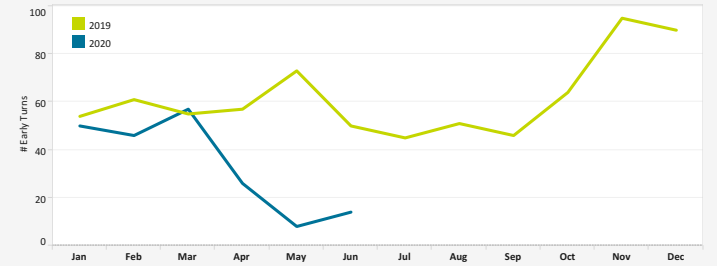
	Apr	May	Jun
Jets Turning Left	1,360	1,130	1,677
Between Z2000 and Noise Dots	290	250	225
Compliant with Nighttime departure Heading (290°)	64	10	20
Not Nighttime Compliant - Straight Out	1	0	0
Not Nighttime Compliant - East	0	0	0
Not Nighttime Compliant - Over La Jolla	6	3	0

Cause of Early Turns (June 2020)

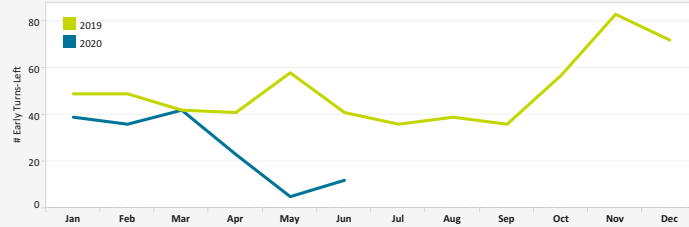
	Apr	May	Jun
Caused by ATC Vectors	18	8	10
Caused by Pilot Deviation	0	0	4
Caused by Weather	8	0	0



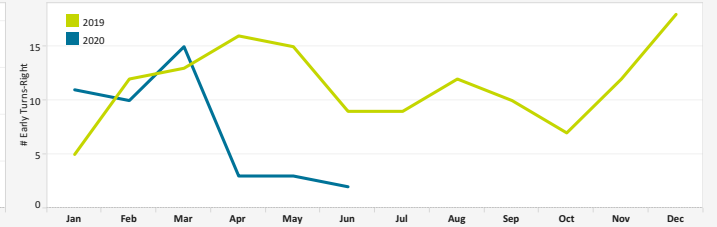
Total Early Turns



Over Point Loma



Over Mission Beach



Early Turns by Operator (June 2020)

Airline	Left Early Turns	Total Operator Departures	% Departures with Left Early Turns
Southwest Airlines	3	2,592	0.1%
General Aviation	5	1,104	0.5%
SkyWest Airlines	1	955	0.1%
United Airlines	1	295	0.3%
FedEx Express	2	239	0.8%

Early Turn by Operator (June 2020)

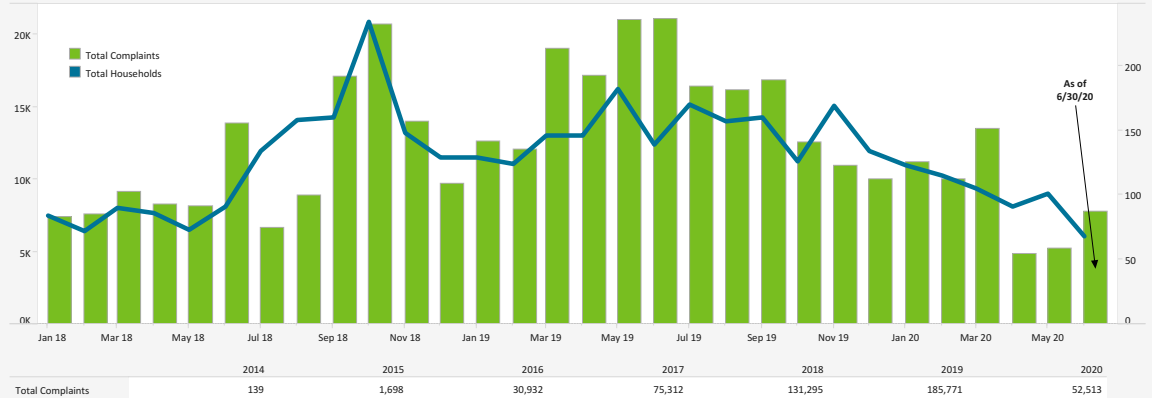
Airline	Right Early Turns	Total Operator Departures	% Departures with Right Early Turns
Southwest Airlines	1	2,592	0.0%
Delta Air Lines	1	472	0.2%

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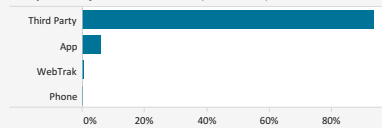
NOISE COMPLAINT STATISTICS



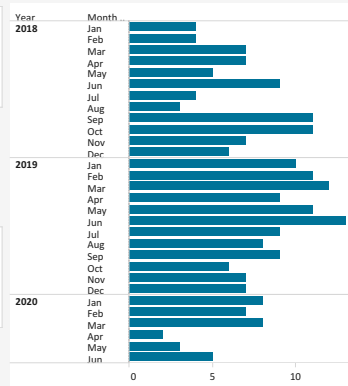
Total Complaints Compared to Total Households



Complaints by Contact Method (June 2020)



Number of Households with 500+ Complaints per Month

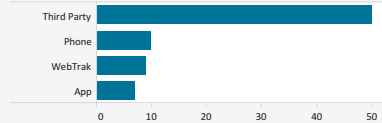


Disturbance Type (June 2020)

Disturbance Type	# Complaints AMAC R21	% of Total # Complaints along T...
Too Loud	7,643	98.1%
Pollution	62	0.8%
Overflight	41	0.5%
Too Low	28	0.4%
Suspected Off Course	9	0.1%
Curfew Violation	5	0.1%
Other	4	0.1%
Helicopter	1	0.0%
Off Course	1	0.0%

The Authority reports all complaints.

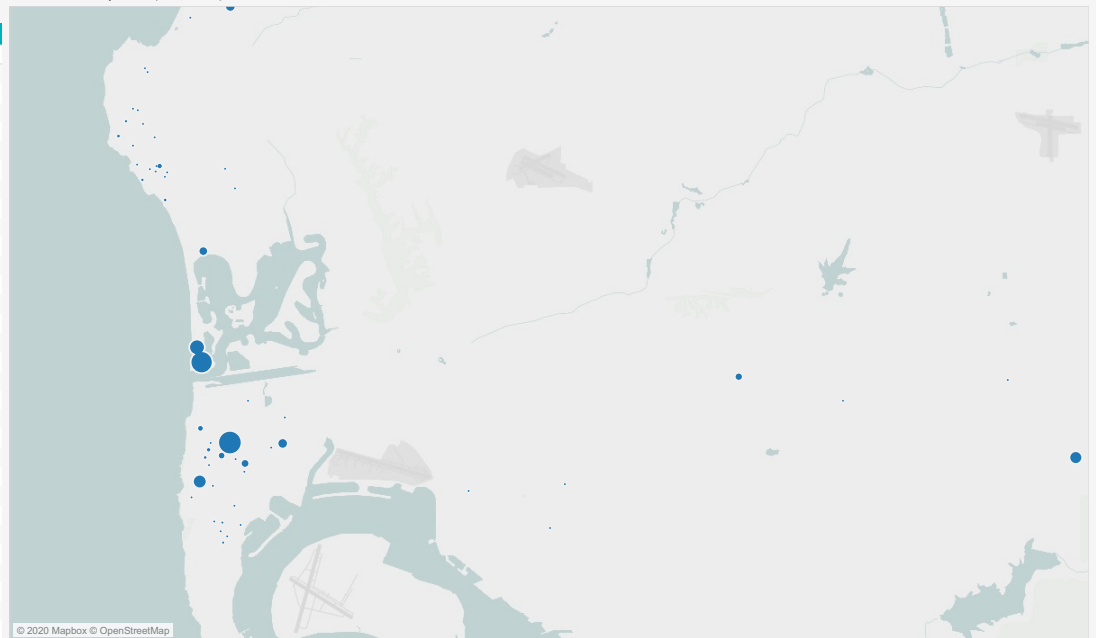
Households with Complaints by Contact Method (June 2020)



Number of Complaints by Neighborhood (June 2020)

Neighborhood	Total Complaints	Total Households
Grand Total	7,794	68
Mission Beach	2,625	4
Point Loma Heights	2,421	5
Sunset Cliffs	608	3
Spring Valley	525	1
La Jolla Heights	319	2
Loma Portal	315	2
Pacific Beach	249	3
El Cerrito	168	1
Bird Rock	147	8
Ocean Beach	99	5
Alpine	81	1
Del Mar Heights	53	2
Lower Hermosa	29	1
Beach Barber Tract	23	3
The Muirlands	22	3
Carlsbad	20	1
La Playa	19	3
Wooded Area	19	3
Casa De Oro-Mt. Helix	11	3
La Mesa	11	2
Fallbrook	8	1
Roseville-Fleet Ridge	7	2
La Jolla Shores	4	1
Golden Hill	3	1
La Jolla Village	2	2
Upper Hermosa	2	1
Bankers Hill	1	1
Eastlake Greens	1	1
Loma Portal Heights	1	1
South Park	1	1

Location of Complaints (June 2020)



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