QUIETER HOME PROGRAM

Quieter Home Program As Of: 8/31/2020

Status of Homes	
Homes on Wait List	757
Homes Added to Wait List This Month	14
Homes Completed This Month	7
Estimated Homes to Complete in CY 2020	230
Total Homes Completed	4,382

Project	Estimated Construction Start	# Homes
10.3	Underway	10
10.4	Summer 2020	57
10.5	Winder 2020	13
10.6	Winder 2020	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

Overall Experience

Excellent	Satisfied	Unsatisfied
75%	22%	3%
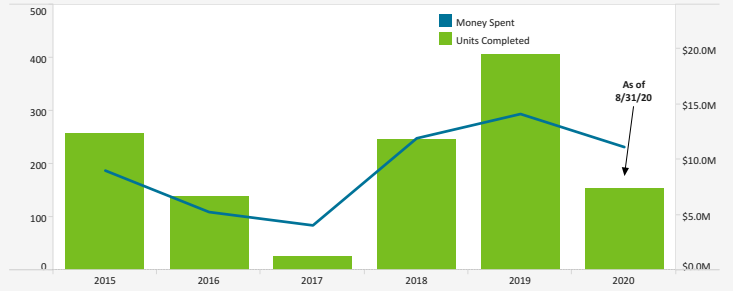
Post – Construction Homeowner Survey Results

Effectiveness

Question1	Answer1	
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%

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 (August 2020)

Date, Time	Airline	Aircraft Type	No Measure Value
8/19/2020, 05:26 AM	Solairus Aviation	GLEX	Pending Review

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	16	8,000

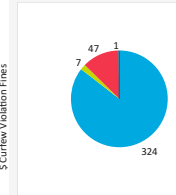## Curfew Violations and Penalties Assessed (by Year)
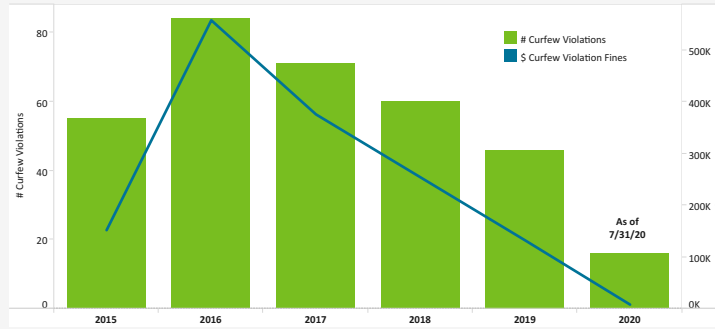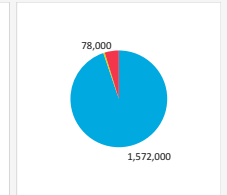

Airline Category

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	47	$78,000
GOV	1	$0

MISSED APPROACH STATISTICS

SAN DIEGO INTERNATIONAL AIRPORT
LET'S GO.

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

- % Total Arrivals with Missed Approach
- Total Arrivals

As of 8/31/20

	2015	2016	2017	2018	2019	2020
% Total Arrivals with Missed Approach	0.7%	0.8%	0.7%	0.6%	0.8%	0.7%
Total Arrivals	97,096	98,756	104,725	111,618	114,193	45,557
Total Missed Approaches	760	832	795	721	895	356

Missed Approach Location Statistics

	Jun Day	Jun Night	Jul Day	Jul Night	Aug Day	Aug Night
Between Noise Dot #1 - Noise Dot #2	1	0	0	0	0	0
Between Noise Dot #2 - JETTI	12	0	10	0	14	1
Between JETTI - Noise Dot #3	10	0	7	1	5	1
Between Noise Dot #3 - Noise Dot #4	0	0	2	0	4	0
Between Noise Dot #4 - Noise Dot #5	0	0	0	0	1	0

	Jun	Jul	Aug
Between 265°-295° Heading (Standard)	23	18	21
Left of 265°	2	2	5
Right of 295°	1	0	3
East of Airport	2	0	1

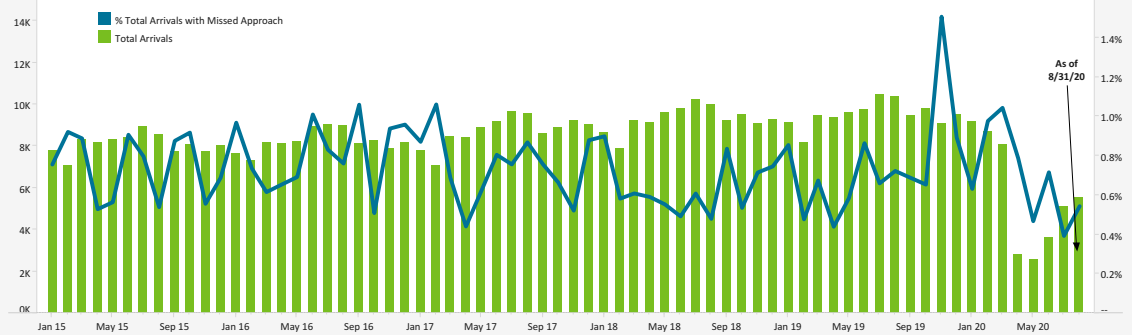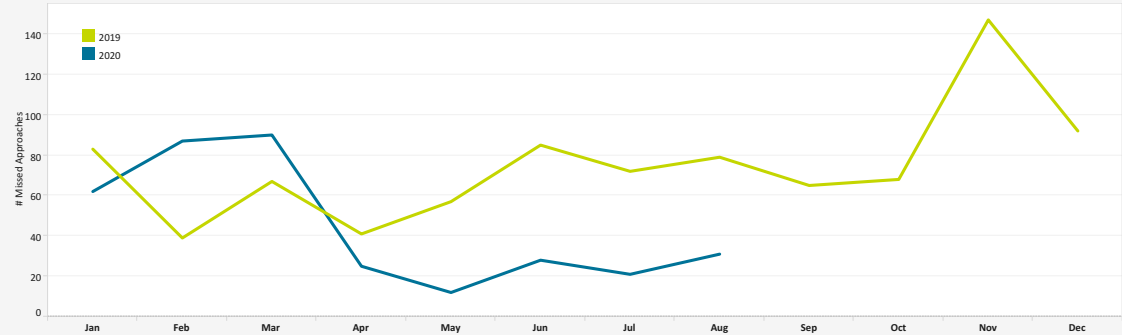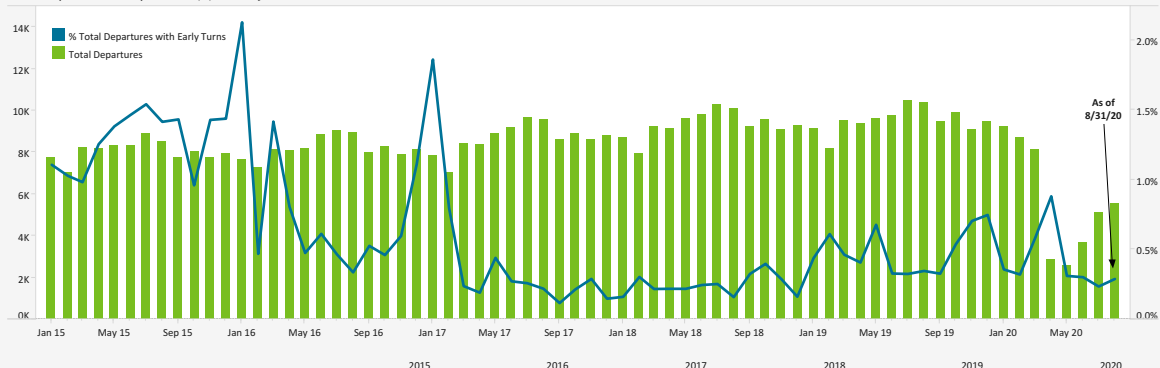### Total Missed Approaches

- 2019
- 2020

Data Disclaimer: We do our best to ensure that the data we release is complete, accurate and useful. However, because we do not create the data, and because the processing required to make the data useful is complex, we are not liable for omissions, inaccuracies or changes in the data.

EARLY TURN STATISTICS

SAN DIEGO
INTERNATIONAL AIRPORT
LET'S GO.

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

As of 8/31/20

Legend:
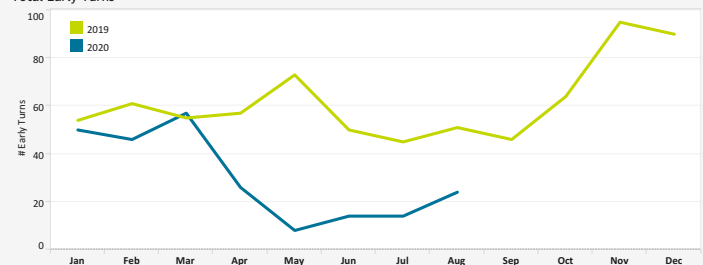- % Total Departures with Early Turns
- Total Departures

	2015	2016	2017	2018	2019	2020
Total Early Turns	1,421	914	558	395	741	239

Departure Statistics (August 2020)

	Jun	Jul	Aug
Jets Turning Left	1,690	2,628	2,804
Between ZZ000 and Noise Dots	227	382	432
Compliant with Nighttime departure Heading (290°)	20	53	33
Not Nighttime Compliant - Over La Jolla	0	19	12
Not Nighttime Compliant - East	0	0	1
Not Nighttime Compliant - Straight Out	0	1	1

Cause of Early Turns (August 2020)

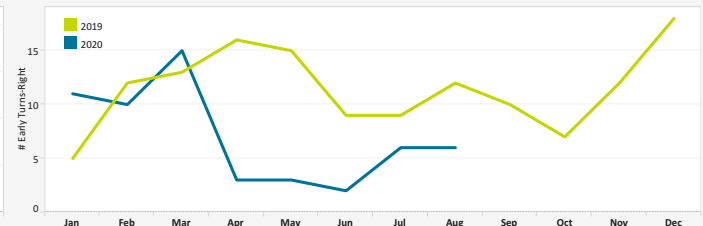|	Jun	Jul	Aug
Caused by ATC Vectors	11	12	19
Caused by Pilot Deviation	4	2	5
Caused by Weather	0	0	0
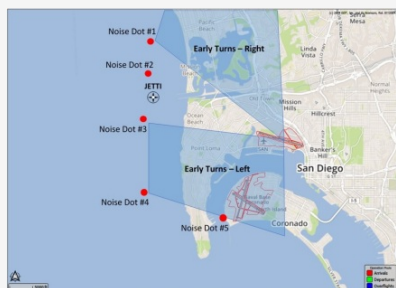
Total Early Turns

Over Point Loma
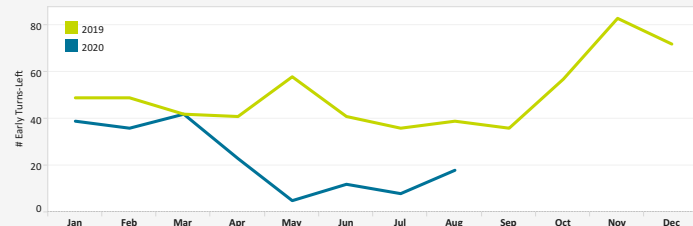
Over Mission Beach

Early Turns by Operator (August 2020)

Airline	Left Early Turns	Total Operator Departures	% Departures with Left Early Turns
Southwest Airlines	5	3,724	0.1%
General Aviation	4	1,423	0.3%
United Airlines	2	577	0.3%
FedEx	2	230	0.9%
Delta Air Lines	2	912	0.2%
American Airlines	2	857	0.2%
Spirit Airlines	1	327	0.3%

Early Turn by Operator (August 2020)

Airline	Right Early Turns	Total Operator Departures	% Departures with Right Early Turns
General Aviation	2	1,423	0.1%
American Airlines	2	857	0.2%
SkyWest Airlines	1	1,281	0.1%
Frontier Airlines	1	150	0.7%

NOISE COMPLAINT STATISTICS

SAN DIEGO INTERNATIONAL AIRPORT
LET'S GO.

Total Complaints Compared to Total Households

As of 8/31/20

	2015	2016	2017	2018	2019	2020
Total Complaints	1,698	30,932	75,312	131,295	185,771	70,863

Complaints by Contact Method (August 2020)

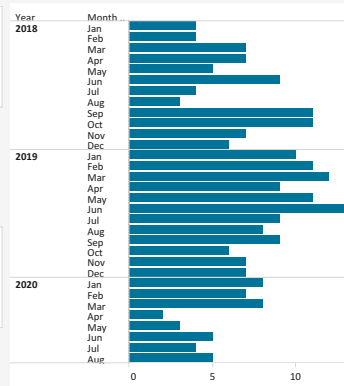The Authority reports all complaints.
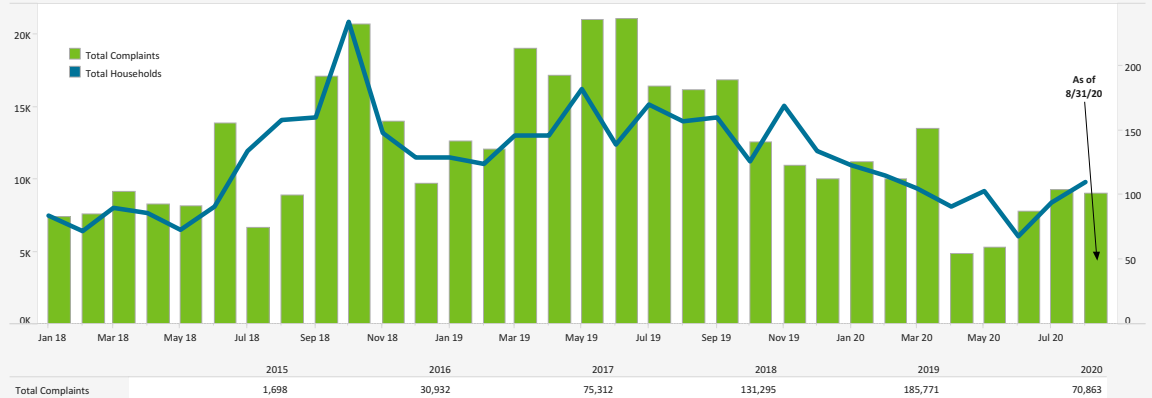
Households with Complaints by Contact Method (August 2020)
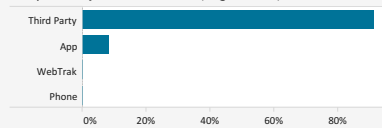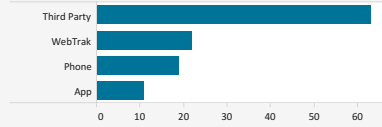

Number of Households with 500+ Complaints per Month

Disturbance Type (August 2020)

Disturbance Type	# Complaints ANAC R21	% of Total # Complaints along Ta..
Too Loud	8,727	97.1%
Overflight	109	1.2%
Too Low	89	1.0%
Suspected Off Course	34	0.4%
Pollution	21	0.2%
Curfew Violation	3	0.0%
Helicopter	2	0.0%

Number of Complaints by Neighborhood (August 2020)

Neighborhood	Total Complaints	Total Households
Grand Total	8,985	110
Mission Beach	3,418	6
Point Loma Heights	1,845	16
Ocean Beach	865	8
Sunset Cliffs	669	10
Bird Rock	538	8
Spring Valley	390	1
La Jolla Heights	273	2
Pacific Beach	255	6
Del Mar Heights	240	2
Loma Portal	141	5
Roseville-Fleet Ridge	54	6
The Muirlands	51	4
San Carlos	44	1
Upper Hermosa	38	2
Lower Hermosa	30	1
Wooded Area	28	9
La Playa	27	5
Beach Barber Tract	25	2
El Cerrito	16	1
La Mesa	13	1
Alpine	4	1
Casa De Oro-Mt. Helix	4	3
La Jolla Shores	4	2
Village of La Jolla	3	1
Bankers Hill	2	2
Carlsbad	2	1
Imperial Beach	2	1
South Park	2	1
La Jolla Alta	1	1
Soledad South	1	1

Location of Complaints (August 2020)

© 2020 Mapbox © OpenStreetMap