

Disclaimer

The Port of Oakland's Airport Noise and Operations Monitoring System (ANOMS) is the source of the data used in this report. Although ANOMS is a very sophisticated computer program that provides a state-of-the-art solution for collecting aircraft noise complaints. The number of aircraft noise complaints in the report are for informational purposes. Airport staff carefully reviews the data for accuracy and will make corrections whenever possible.

Compliance Monitoring Quarterly Summary Comparison First Quarter 2024

	2023Q1		2024	4Q1				
	Compl.	N/C	Compl.	N/C				
Runway 28R/L Jet Departure Compliance	94%	6%	94%	7%				
Total Airport-wide Corporate Jet Departures	2,400	156	2,547	156				
Runway 10R/L Jet Landing Compliance	84%	16%	87%	13%				
Total Southeast Plan Corporate Jet Landings	566	107	490	75				
North Field VFR Departure Compliance	92%	8%	95%	5%				
Total Runways 28R/L & 33 Departures	172	15	175	9				
North Field Quiet Hours Compliance	85%	15%	83%	17%				
Total North Field Quiet Hours Departures	150	26	174	35				
Runway 30 BFI Right Turn Departure Compliance	100%	0%	100%	0%				
Total Runway 30 Turbojet Departures	12,497	7	12,780	1				
Night Time Departure Compliance	99%	1%	99%	1%				
Total Runway 30 Night Turbojet Departures	2,366	19	2,507	22				
Runway 12 Night Departure Compliance	94%	6%	100%	0%				
Total Runway 12 Night Turbojet Departures	769	52	437	0				
Runway 30 East Turn Departure Compliance	100%	0%	100%	0%				
Total Runway 30 East Turn Departures	2,759	2	3,083	4				
100 Degree Radial Turbojet Landing Compliance	98%	2%	99%	1%				
Total 100 Degree Radial Turbojet Landings	737	18	610	4				
Engine Runup Program Compliance	100%	0%	100%	0%				
Total Evening and Nighttime Engine Runups	8	0	4	0				
Note: N/C means non-compliant. Percentage values are rounded out.								

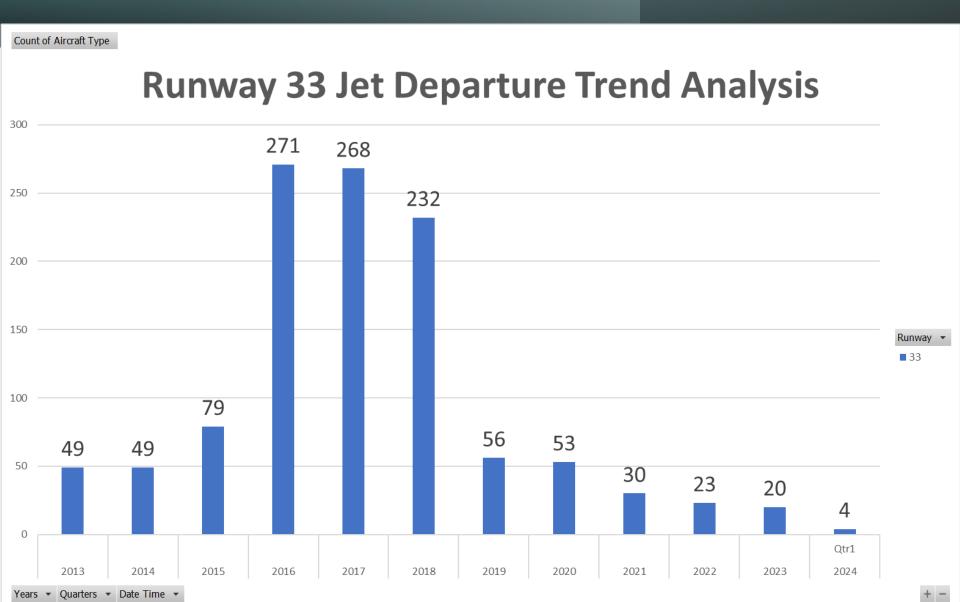


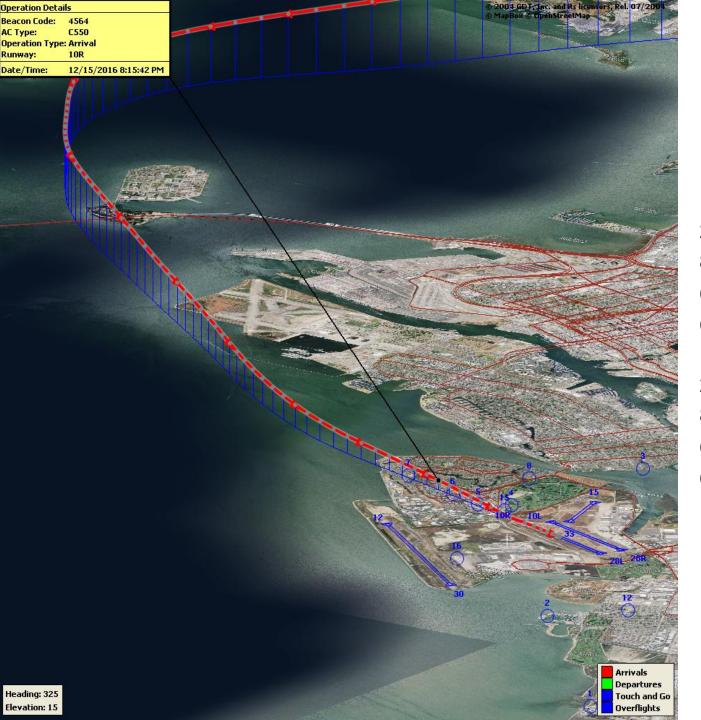
Runway 28R/L Jet Departure NAP

2024Q1 94% Compliance (2,703 total departures) (156 non-compliant)

2023Q1 94% Compliance (2,556 total departures) (156 non-compliant)

RUNWAY 33 JET DEPARTURES FIRST Quarter 2024

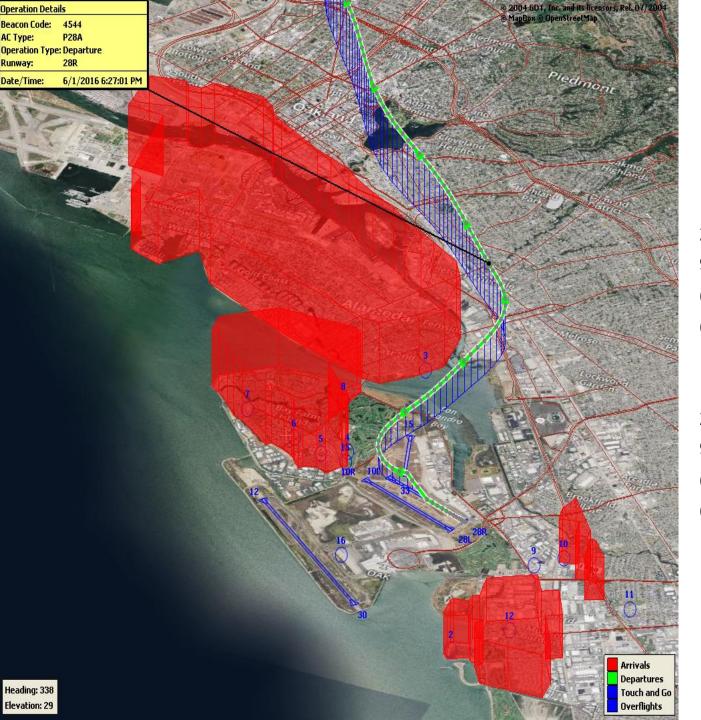




Runway 10R/L Jet Landing NAP

2024Q1 87% Compliance (565 total landings) (75 non-compliant)

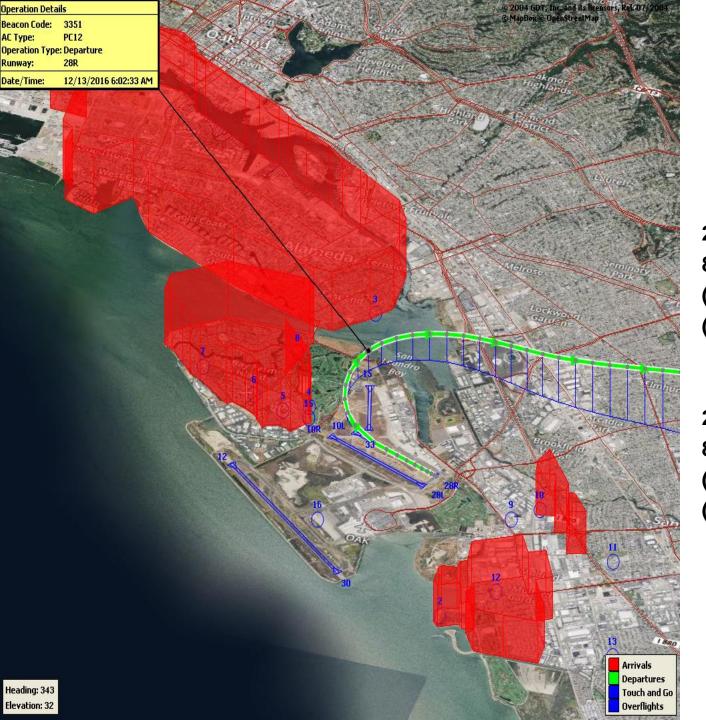
2023Q1 84% Compliance (673 total landings) (107 non-compliant)



VFR Aircraft Departure NAP

2024Q1 95% Compliance (184 total departures) (9 non-compliant)

2023Q1 92% Compliance (187 total departures) (15 non-compliant)

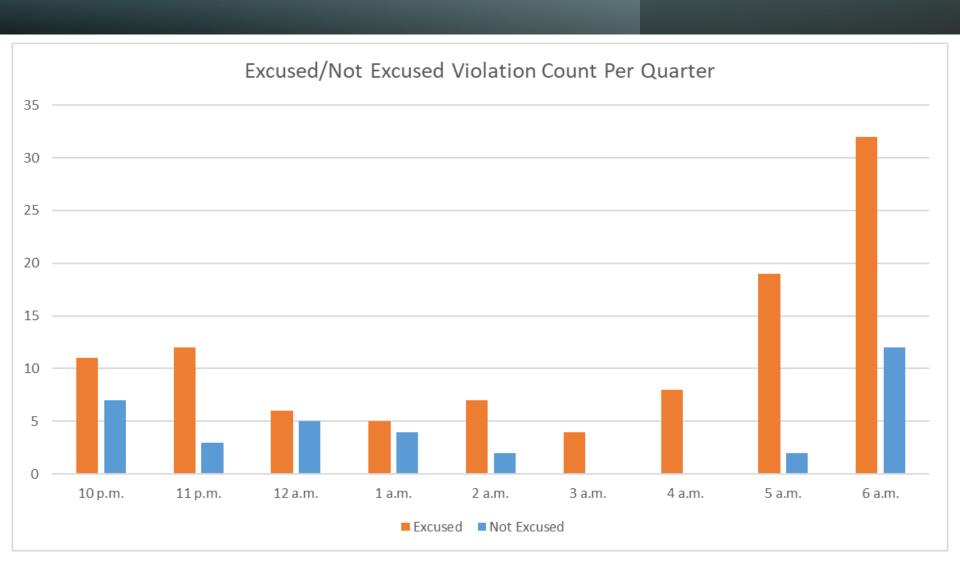


North Field Quiet Hours NAP

2024Q1 83% Compliance (209 total departures) (35 non-compliant)

2023Q1 85% Compliance (176 total departures) (26 non-compliant)

Quartely North Field Quiet Hours NAP Non-Compliant Per Quarter





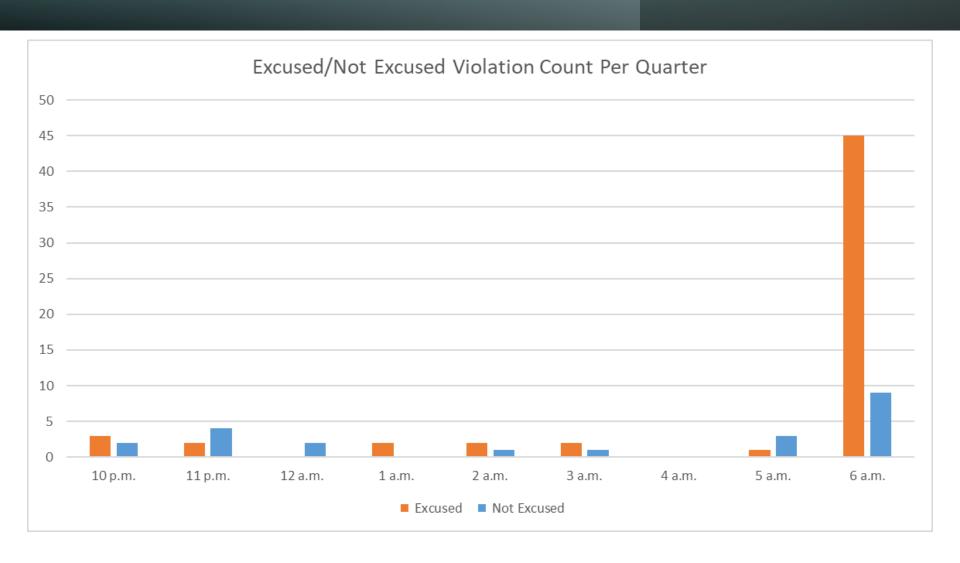
Night Time Departure NAP

2024Q1 99% Compliance (2,529 total departures) (22 non-compliant)

*REBAS Gate non-compliant = 22

2023Q1 99% Compliance (2,385 total departures) (19 non-compliant)

Quarterly Night Time NAP Non-Compliant Count Per Quarter



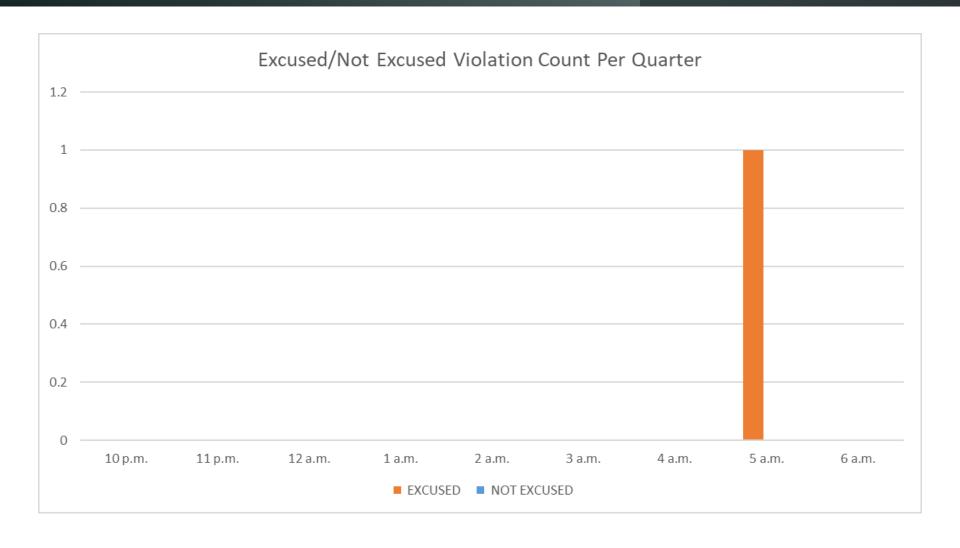


Runway 12 Night Departure NAP

2024Q1 100% Compliance (437 total departures) (0 non-compliant)

2023Q1 94% Compliance (821 total departures) (52 non-compliant)

Quartely Runway 12 Night Departure Non-Compliant Count Per Quarter





Runway 30 Bay Farm Right Turn NAP

2024Q1 100% Compliance (12,781 total departures) (1 non-compliant)

2023Q1 100% Compliance (12,504 total departures) (7 non-compliant)

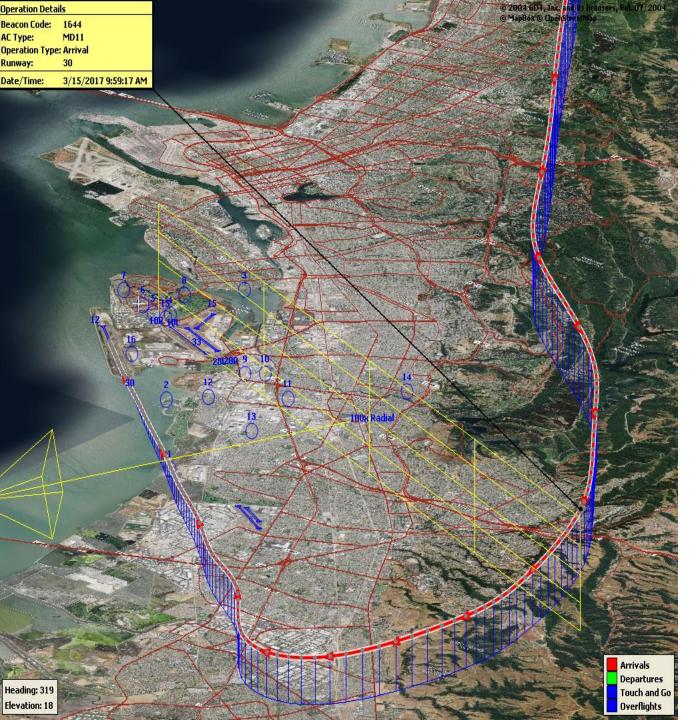


Runway 30 East Turn NAP

2024Q1 100% Compliance (3,087 total departures) (4 non-compliant)

*Excused Departures = 4

2023Q1 100% Compliance (2,761 total departures) (2 non-compliant)



100 Degree Radial At 3,000 ft. NAP

2024Q1 99% Compliance (614 total landings) (4 non-compliant)

2023Q1 98% Compliance (755 total landings) (18 non-compliant)

2004 GDT, Inc. and its licensors, Rel. 07/2004 МарВож © OpenStreetMap Metropolitan Oakland International Airport Arrivals Departures 2000 ft Touch and Go Overflights

Engine Run-up NAP

2024Q1 100% Compliance (4 engine run-ups)* (0 non-compliant)

2023Q1 100% Compliance (8 engine run-ups) (0 non-compliant)

*Only above idle-power run-ups recorded.

Compliance Monitoring Quarterly Summary Comparison First Quarter 2024 - Quarter-to-Quarter

	2023Q4		202	4Q1			
	Compl.	N/C	Compl.	N/C			
Runway 28R/L Jet Departure Compliance	93%	7%	94%	7%			
Total Airport-wide Corporate Jet Departures	2,111	154	2,547	156			
Runway 10R/L Jet Landing Compliance	83%	17%	87%	13%			
Total Southeast Plan Corporate Jet Landings	163	33	490	75			
North Field VFR Departure Compliance	92%	8%	95%	5%			
Total Runways 28R/L & 33 Departures	228	19	175	9			
North Field Quiet Hours Compliance	82%	18%	83%	17%			
Total North Field Quiet Hours Departures	206	46	174	35			
Runway 30 BFI Right Turn Departure Compliance	100%	0%	100%	0%			
Total Runway 30 Turbojet Departures	15,637	2	12,780	1			
Night Time Departure Compliance	99%	1%	99%	1%			
Total Runway 30 Night Turbojet Departures	3,260	30	2,507	22			
Runway 12 Night Departure Compliance	60%	40%	100%	0%			
Total Runway 12 Night Turbojet Departures	32	21	437	0			
Runway 30 East Turn Departure Compliance	100%	0%	100%	0%			
Total Runway 30 East Turn Departures	3,943	3	3,083	4			
100 Degree Radial Turbojet Landing Compliance	98%	2%	99%	1%			
Total 100 Degree Radial Turbojet Landings	1,005	19	610	4			
Engine Runup Program Compliance	100%	0%	100%	0%			
Total Evening and Nighttime Engine Runups	14	0	4	0			
Note: N/C manner and paragraph Department values are recorded out							

Note: N/C means non-compliant. Percentage values are rounded out.

Table 1. North Field Night Aircraft Departure SEL Noise Measurements

Total Aircraft Departures = 209

First Quarter 2024 (10:00 p.m. to 7:00 a.m.)

NMT	Aircraft Noise	Aircraft Noise Events SEL 80 - 84.9 dBA			Aircraft Noise Events SEL 85 - 89.9 dBA			Ai	Total Aircraft		
Number	SEL 80 dBA	Amount	Nightly Average	As Percentage of Departures	Amount	Nightly Average	As Percentage of Departures	Amount	Amount 5 7	As Percentage of Departures	Noise Events
1	10	3	0.0	0.5%	2	0.0	0.4%	0	0.0	0.0%	15
2	0	0	0.0	0.0%	0	0.0	0.0%	0	0.0	0.0%	0
3	31	6	0.1	1.1%	0	0.0	0.0%	0	0.0	0.0%	37
4	52	43	0.5	7.6%	51	0.6	9.0%	26	0.3	4.6%	172
5	57	19	0.2	3.4%	17	0.2	3.0%	34	0.4	6.0%	127
6	45	11	0.1	1.9%	19	0.2	3.4%	25	0.3	4.4%	100
7	11	16	0.2	2.8%	27	0.3	4.8%	3	0.0	0.5%	57
8	54	20	0.2	3.5%	1	0.0	0.2%	0	0.0	0.0%	75
9	18	30	0.3	5.3%	18	0.2	3.2%	3	0.0	0.5%	69
10	123	39	0.4	6.9%	12	0.1	2.1%	0	0.0	0.0%	174
11	22	8	0.1	1.4%	1	0.0	0.2%	0	0.0	0.0%	31
12	10	11	0.1	1.9%	5	0.1	0.9%	0	0.0	0.0%	26
13	25	2	0.0	0.4%	2	0.0	0.4%	0	0.0	0.0%	29
14	48	0	0.0	0.0%	0	0.0	0.0%	0	0.0	0.0%	48
All NMTs	506	208	2	0	155	2	0	91	1	0	960

Table 2. Aircraft SEL Noise Measurements in Alameda - Total Aircraft Departures = 150

First Quarter 2024 (10:00 p.m. to 7:00 a.m.)

NMT	Aircraft Noise Events Below	A	Aircraft Noise Events SEL 80 - 84.9 dBA			Aircraft Noise Events SEL 85 - 89.9 dBA			Aircraft Noise Events SEL ≥ 90 dBA		
Number	SEL 80 dBA	Amount	Nightly Average	As Percentage of Departures	Amount	Nightly Average	As Percentage of Departures	Amount	Nightly Average	As Percentage of Departures	Noise Events
3	31	6	0.1	2.5%	0	0.0	0.0%	0	0.0	0.0%	37
4	52	43	0.5	18.0%	51	0.6	21.3%	26	0.3	10.9%	172
5	57	19	0.2	7.9%	17	0.2	7.1%	34	0.4	14.2%	127
6	45	11	0.1	4.6%	19	0.2	7.9%	25	0.3	10.5%	100
7	11	16	0.2	6.7%	27	0.3	11.3%	3	0.0	1.3%	57
8	54	20	0.2	8.4%	1	0.0	0.4%	0	0.0	0.0%	75
Total	250	115	1.3		115	1.3		88	1.0		568

Table 3. Aircraft SEL Noise Measurements in San Leandro - Total Aircraft Departures = 59

First Quarter 2024 (10:00 p.m. to 7:00 a.m.)

NMT	Aircraft Noise	А	Aircraft Noise Events SEL 80 - 84.9 dBA			Aircraft Noise Events SEL 85 - 89.9 dBA			Aircraft Noise Events SEL ≥ 90 dBA			
Number	SEL 80 dBA	Amount	Nightly Average	As Percentage of Departures	Amount	Nightly Average	As Percentage of Departures	Amount	Nightly Average	As Percentage of Departures	Noise Events	
2	0	0	0.0	0.0%	0	0.0	0.0%	0	0.0	0.0%	0	
9	18	30	0.3	9.1%	18	0.2	5.5%	3	0.0	0.9%	69	
10	123	39	0.4	11.9%	12	0.1	3.7%	0	0.0	0.0%	174	
11	22	8	0.1	2.4%	1	0.0	0.3%	0	0.0	0.0%	31	
12	10	11	0.1	3.4%	5	0.1	1.5%	0	0.0	0.0%	26	
13	25	2	0.0	0.6%	2	0.0	0.6%	0	0.0	0.0%	29	
14	48	0	0.0	0.0%	0	0.0	0.0%	0	0.0	0.0%	48	
Total	246	90	1.0		38	0.4		3	0.0		377	

The Rolling Take-Off Night Procedure Report (1:00 to 5:00 AM) is dependent on back-blast data collected by the noise monitor deployed at the San Leandro Marina (NMT #2). Due to construction work at the San Leandro Marina, the noise monitor had to be removed on <u>April 20, 2023</u>. The monitor will be redeployed once works are complete. This report cannot be created.

Rolling Take-off Night Departure Procedure (1:00 to 5:00 AM) First Quarter 2023, NMT 2

	· · · · · · · · · · · · · · · · · · ·							
	Airc Depai	raft tures	Recorded Noise Events (a)	Lmax Average	SEL Average	Avg. Duration (seconds)		
		Basel	line (November 200	02) [A]				
DC10/MD10		87	32	69	78	22		
MD11		32	13	70	79	24		
A306		67	21	67	77	25		
	First Quarter 2023 [B]							
	Total [X]	Est. Avg. Monthly [X/3]						
B763	217	72	63	65	74	19		
DC10/MD10	0	-	-	-	-	-		
MD11	164	55	73	68	77	20		
A306	57	19	19	65	74	15		
B757	86	29	30	65	75	19		
B77L	103	34	21	65	73	14		
Difference [A-B]								
DC10/MD10		-87	-32	-69	-78	-22		
MD11		23	60	-2	-2	-4		
A306		-48	-2	-2	-3	-10		

⁽a) For the current calendar quarter reported, ANOMS does not correlate all departures to their respective noise events; that is most, but not all, aircraft back-blast noise events are effectively correlated as the program software algorithms may misidentify an aircraft noise event.

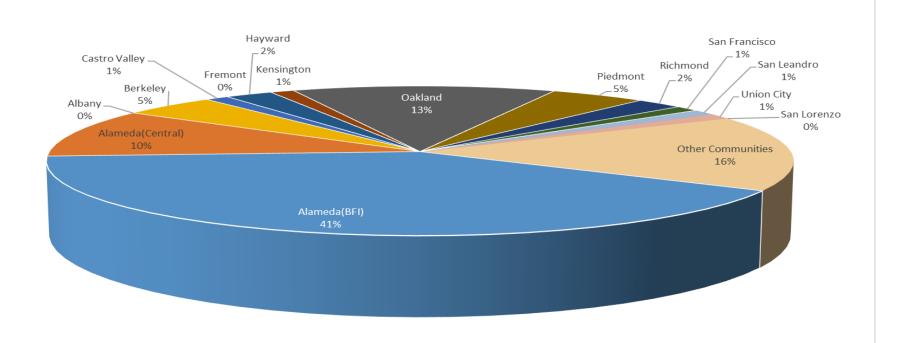
Source: ANOMS (Airport Noise and Operations Monitoring System)

Oakland International Airport Noise Complaint Summary January 2024

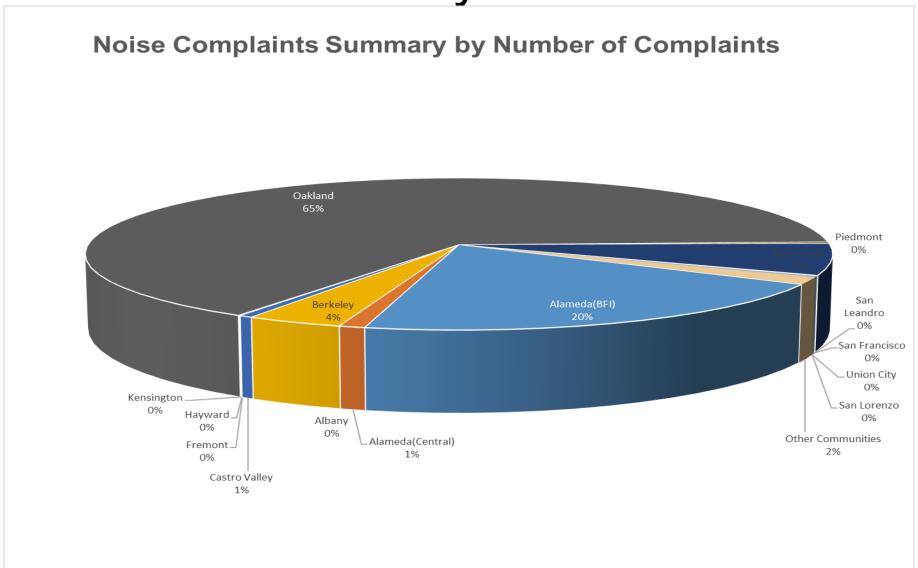
January 2024							
Community	Callers	Complaints					
Alameda(BFI)	35	769					
Alameda(Central)	9	38					
Albany	0	0					
Berkeley	4	142					
Castro Valley	1	20					
Fremont	0	0					
Hayw ard	2	2					
Kensington	1	1					
Oakland	11	2485					
Piedmont	4	12					
Richmond	2	253					
San Francisco	1	3					
San Leandro	1	10					
Union City	1	1					
San Lorenzo	0	0					
Other Communities	14	60					
Total	86	3796					
Co	Complaints by Type						
E-mail	20	551					
View point App	1.	145					
Comp	laints by Time of Day						
Day (0700 - 1900)	6	69					
Evening (1900 - 2200)	7	83					
Night (2200 - 0700)		344					
Complair	nts by Type of Operation						
Arrivals	2755						
Departures	9	48					
Over-flights		23					
Touch & Go	-	70					
Not Linked to an Operation		0					
Compla	ints by Type of Aircraft						
Business Jet	322						
Helicopter	36						
Jet	3285						
Military	0						
Not Reported (not linked to an aircraft)	t) 0						
Other (Type information not available)	2						
Propeller	1	09					
Turbo-prop	4	42					

Number of Callers January 2024

Noise Complaints Summary by Number of Callers



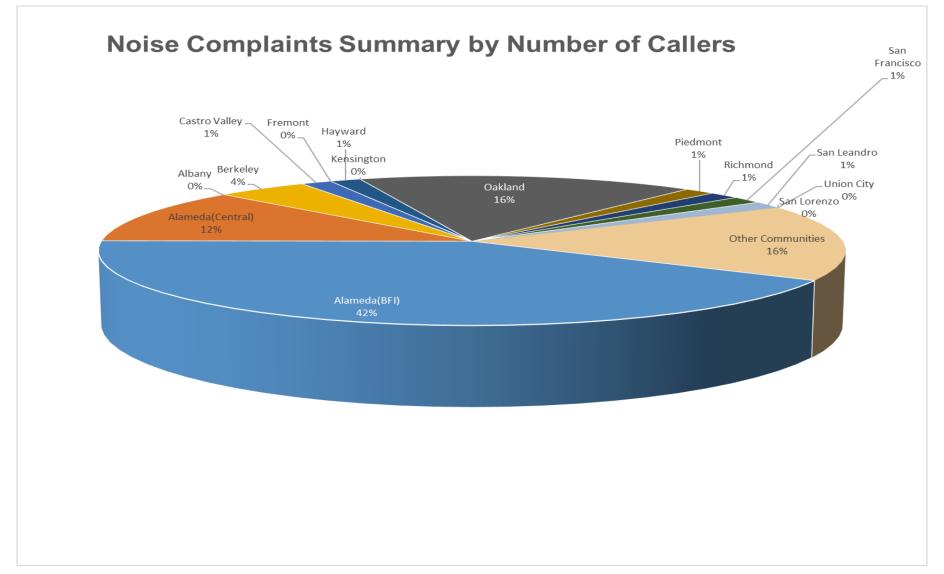
Number of Complaints January 2024



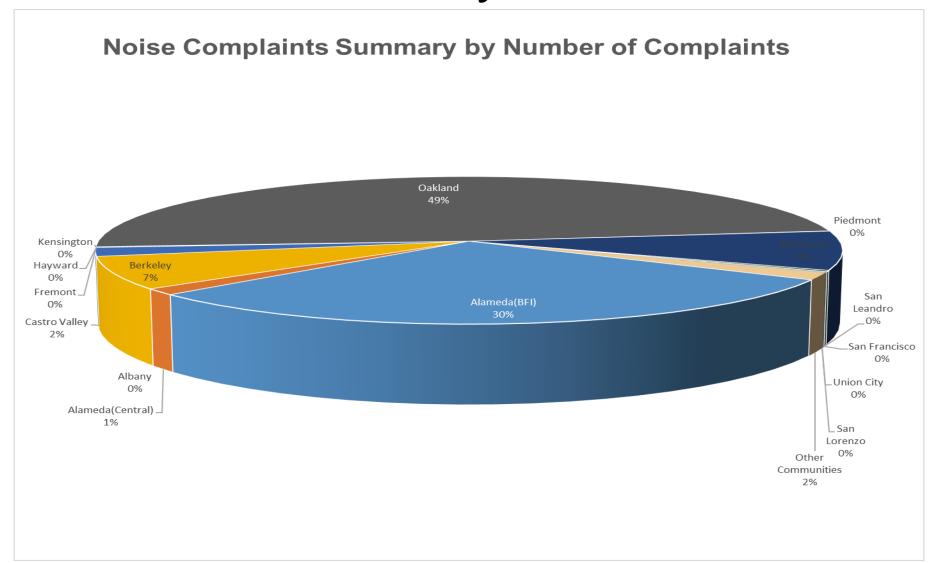
Oakland International Airport Noise Complaint Summary February 2024

February 2024						
Community	Callers	Complaints				
Alameda(BFI)	28	516				
Alameda(Central)	8	24				
Albany	0	0				
Berkeley	3	123				
Castro Valley	1	33				
Fremont	0	0				
Hayw ard	1	3				
Kensington	0	0				
Oakland	11	844				
Piedmont	1	1				
Richmond	1	147				
San Francisco	1	5				
San Leandro	1	3				
Union City	0	0				
San Lorenzo	0	0				
Other Communities	11	28				
Total	67	1727				
Co	mplaints by Type					
E-mail		867				
View point App		860				
Comp	laints by Time of Day					
Day (0700 - 1900)		740				
Evening (1900 - 2200)	;	343				
Night (2200 - 0700)		644				
Com plair	nts by Type of Operation					
Arrivals	947					
Departures	710					
Over-flights	21					
Touch & Go	49					
Not Linked to an Operation		0				
Compla	ints by Type of Aircraft					
Business Jet	210					
Helicopter	20					
Jet	1078					
Military		0				
Not Reported (not linked to an aircraft)	0					
Other (Type information not available)		0				
Propeller		359				
Turbo-prop		60				

Number of Callers February 2024



Number of Complaints February 2024

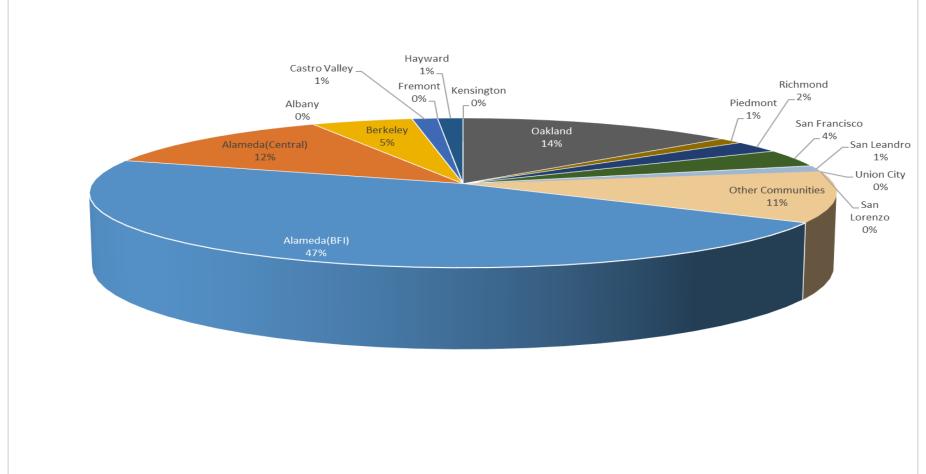


Oakland International Airport Noise Complaint Summary March 2024

March 2024						
Community	Callers	Complaints				
Alameda(BFI)	38	717				
Alameda(Central)	10	21				
Albany	0	0				
Berkeley	4	163				
Castro Valley	1	33				
Fremont	0	0				
Hayw ard	1	1				
Kensington	0	0				
Oakland	11	2866				
Piedmont	1	19				
Richmond	2	206				
San Francisco	3	5				
San Leandro	1	47				
Union City	0	0				
San Lorenzo	0	0				
Other Communities	9	52				
Total	81	4130				
Co	mplaints by Type					
E-mail	2	998				
View point App		132				
Comp	laints by Time of Day					
Day (0700 - 1900)	Ç	912				
Evening (1900 - 2200)	4	192				
Night (2200 - 0700)		726				
Complain	its by Type of Operation					
Arrivals		776				
Departures		156				
Over-flights	1	140				
Touch & Go		58				
Not Linked to an Operation		0				
	ints by Type of Aircraft					
Business Jet		225				
Helicopter	45					
Jet	3393					
Military	0					
Not Reported (not linked to an aircraft)						
Other (Type information not available)	141					
Propeller		238				
Turbo-prop	88					

Number of Callers March 2024





Number of Complaints March 2024

