

# November 2021 Community Noise Report



**Maine's  
Home  
Airport.**



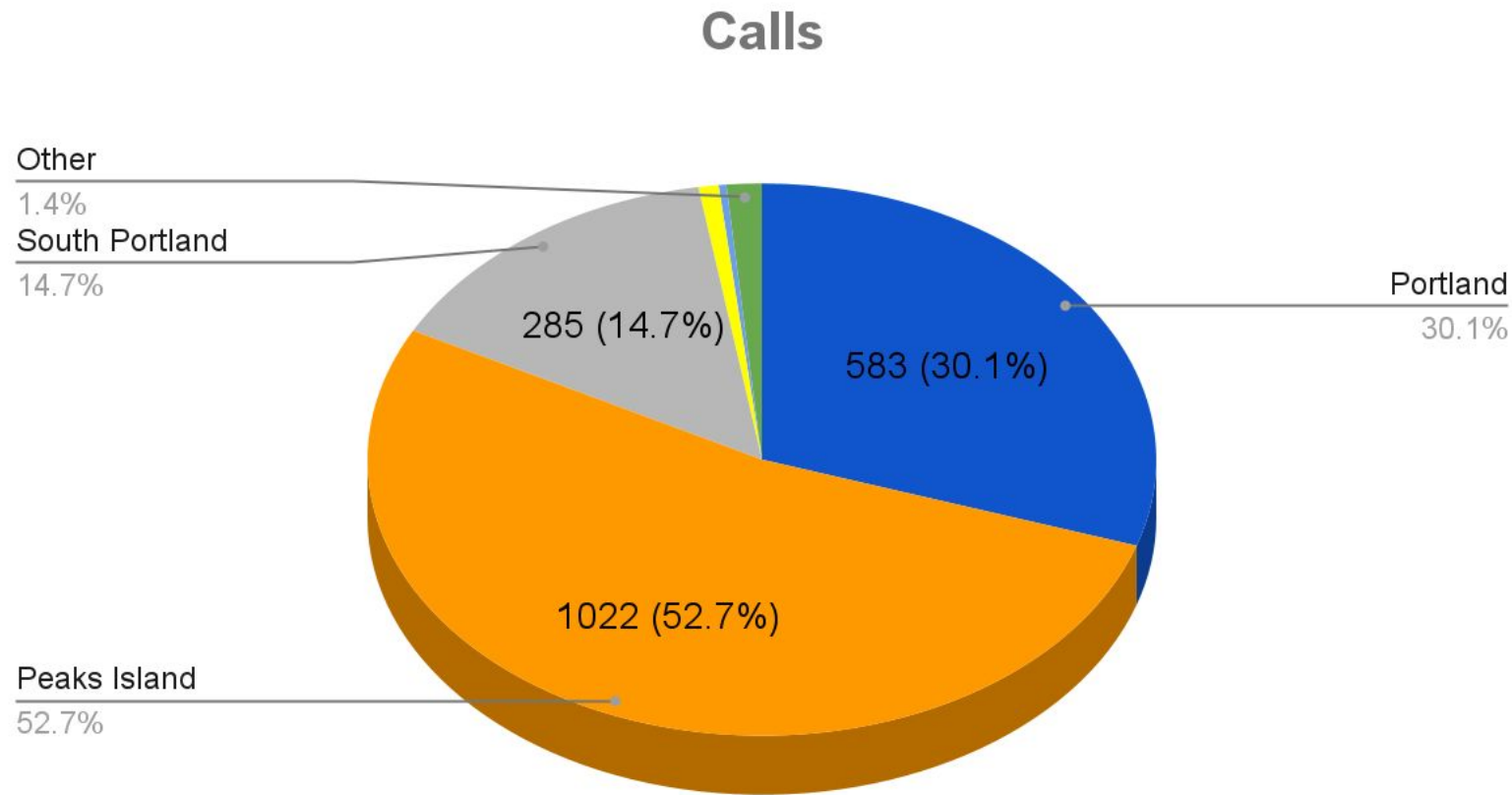


# Noise Data: Noise Reports vs Reporters

-	-	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
2013	Report	0	0	4	9	10	15	13	22	20	2	1	4	100
	Reporter	0	0	4	3	5	4	4	11	8	2	1	1	43
2014	Report	6	26	32	31	24	42	59	44	19	19	7	28	337
	Reporter	1	2	4	4	7	8	9	15	13	7	2	2	74
2015	Report	7	7	13	28	38	46	75	49	78	43	2	2	388
	Reporter	1	2	4	4	7	8	9	15	13	7	2	2	74
2016	Report	11	8	21	26	37	33	106	137	34	14	19	21	467
	Reporter	4	5	4	7	7	8	13	12	9	4	1	4	78
2017	Report	3	1	4	10	29	31	33	84	61	76	429	169	930
	Reporter	2	1	4	4	8	10	15	19	21	16	17	8	125
2018	Report	172	44	22	40	52	57	227	180	129	204	160	119	1406
	Reporter	4	9	9	4	8	16	27	22	17	18	16	31	181
2019	Report	74	34	33	9	55	97	115	359	141	66	58	33	1074
	Reporter	15	11	6	4	17	30	43	76	35	3	8	3	251
2020	Report	53	56	61	22	89	150	267	240	143	68	78	26	1253
	Reporter	9	9	9	5	31	48	38	49	22	18	20	9	267
2021	Report	34	19	54	53	87	160	207	397	343	286	300		1940
	Reporter	16	6	22	15	34	49	48	47	36	35	16		324

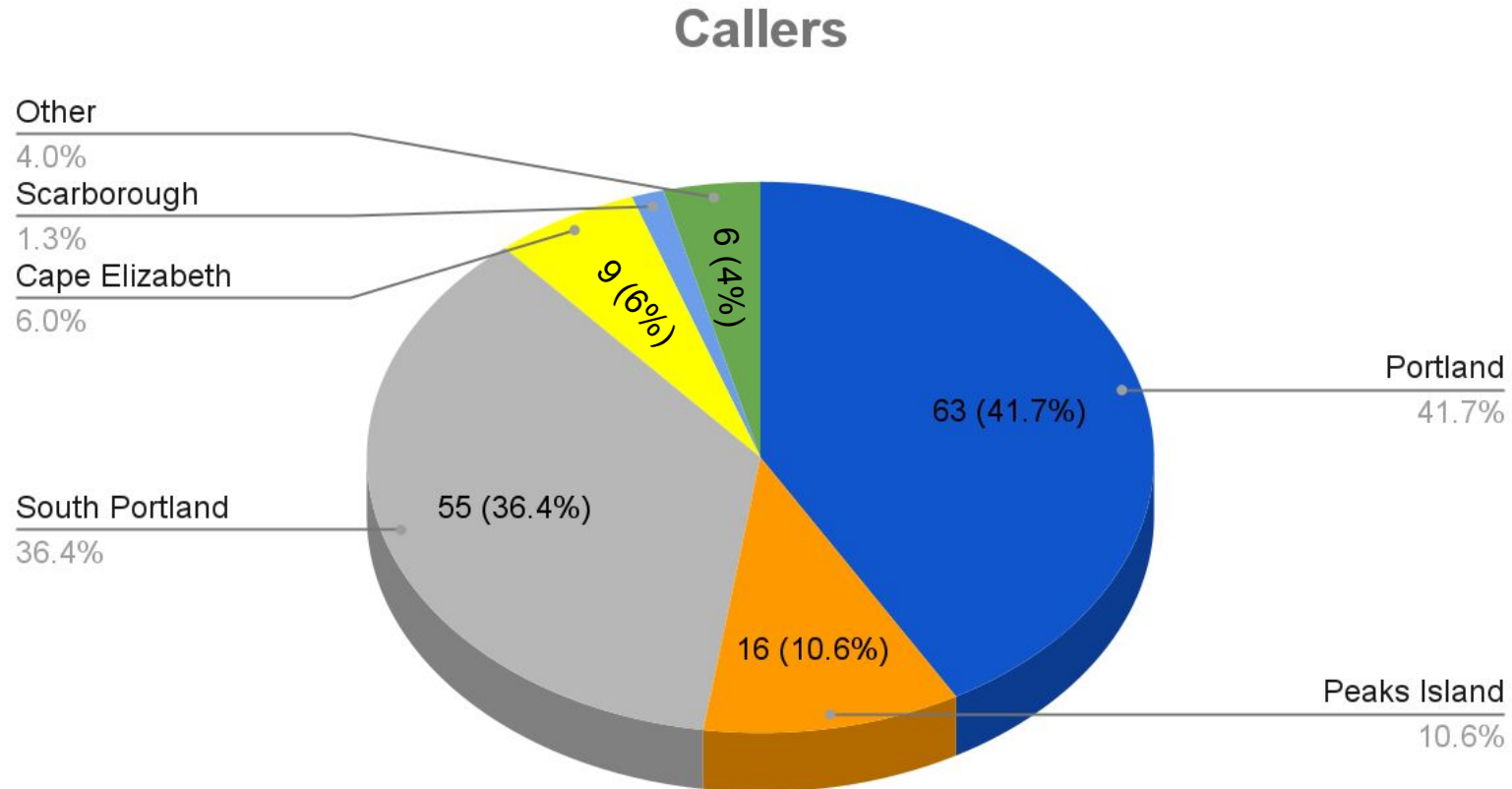
# Noise Data: Reports by Neighborhood (January – October 2021)

Noise **Reports** by  
Neighborhood –  
**1,940** complaints  
since Jan. 1, 2021



# Noise Data: Reporters by Neighborhood (January – October 2021)

Noise **Reporters** by  
Neighborhood –  
**151** Unique Callers  
since Jan. 1, 2021



# Noise Data: Primary Runway Use

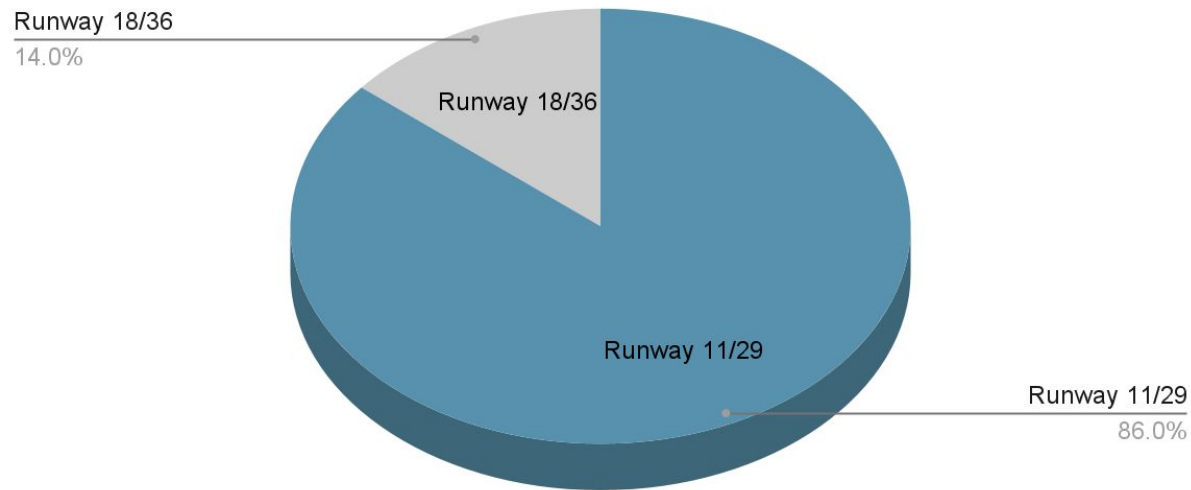
PWM Runway Operations													
2021	January	February	March	April	May	June	July	August	September	October	November	December	Total
11A	233	216	286	510	814	923	1752	1384	978	940	358		8394
11D	151	131	197	378	561	709	1478	1171	829	848	219		6672
18A	72	31	277	223	335	248	0	0	19	165	120		1490
18D	49	21	251	203	332	277	0	0	30	203	117		1483
29A	802	694	825	782	672	1542	1407	1663	1413	881	1386		12067
29D	824	733	864	853	776	1558	1453	1707	1479	1043	1442		12732
36A	213	74	106	214	203	100	0	0	95	123	235		1363
36D	174	64	112	193	191	151	0	0	135	188	179		1387
Total	2518	1964	2918	3356	3884	5508	6090	5925	4978	4391	4056		45588
% Use of Primary Runway 2021	80%	90%	74%	75%	73%	86%	100%	100%	94%	85%	84%		86%
% Use of Primary Runway 2020	92%	90%	84%	74%	67%	82%	100%	100%	100%	88%	85%	88%	88%

# Noise Data: FedEx / Wiggins Runway Use

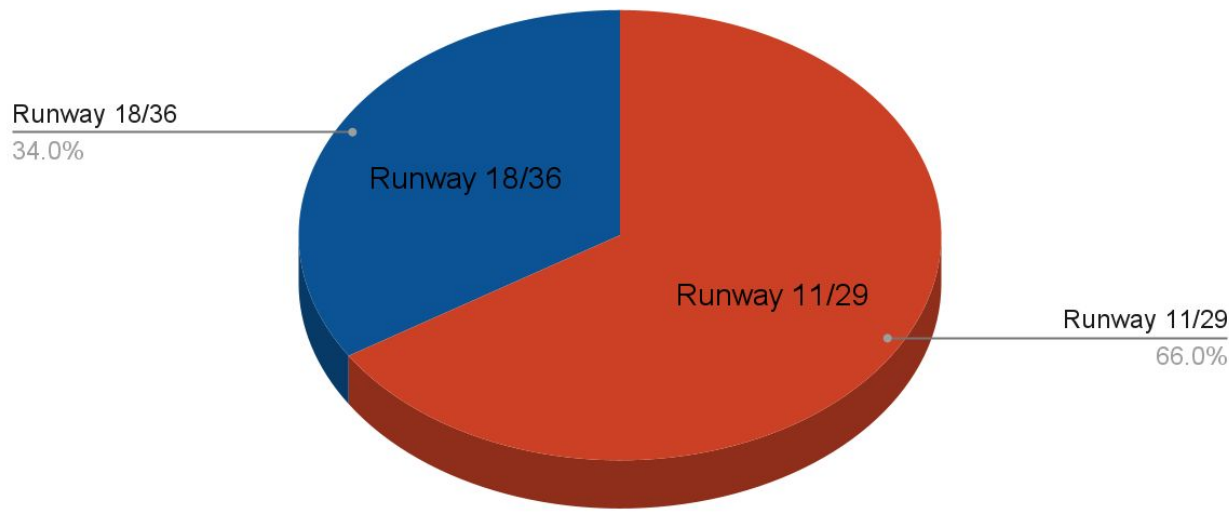
PWM Runway Operations													
2021	January	February	March	April	May	June	July	August	September	October	November	December	Total
11A	3	11	9	10	10	11	48	36	32	3	2		175
11D	6	3	5	1	13	9	19	11	11	4	7		89
18A	21	12	35	28	41	32	0	0	7	39	27		242
18D	0	0	8	0	4	0	0	0	0	0	0		12
29A	22	25	32	26	18	21	17	34	27	7	30		259
29D	25	22	39	32	34	43	31	42	34	24	32		358
36A	17	3	8	15	9	5	0	0	3	5	9		74
36D	22	6	17	31	18	3	0	0	13	22	15		147
Total	116	82	153	143	147	124	115	123	127	104	122		1356
% Use of Primary Runway 2021	48%	74%	56%	48%	51%	68%	100%	100%	82%	37%	58%		66%
% Use of Primary Runway 2020	75%	63%	50%	42%	40%	63%	100%	100%	100%	74%	56%	66%	69%

# Noise Data: Runway Use January - October 2021

Total Runway Usage



Wiggins Runway Usage



# Noise Data: Runway Preference During Noise Sensitive Hours 10pm-7am

(Preference to depart to the West / arrive from the West)

Noise Data: NCP compliance 10pm – 7am								
November 8-14	11/8	11/9	11/10	11/11	11/12	11/13	11/14	Weekly Total
RWY 11 Arrivals	7	3	4	10	0	0	6	30
RWY 29 Departures	9	0	9	0	7	12	8	45
Total RWY Operations	18	20	18	19	16	17	16	124
% of Arrivals / Departures to and from west	89%	15%	72%	53%	44%	71%	88%	62%

The Jetport is reviewing operations on 11/9 & 11/12 to determine adherence to arrival/departure preference with ATC



# Noise Data: Harbor Visual Approach

Harbor Visual Approach Compliance								
November 8-14	11/8	11/9	11/10	11/11	11/12	11/13	11/14	Total
Number of Approaches of Eligible Aircraft	20	16	15	2	0	3	13	69
Number of Successful HVA	14	14	10	2	0	0	11	51
Percentage of Successful HVA	70%	88%	67%	100%	-	0%	85%	74%

\* Denotes Partial Day Due to Weather Minimums  
\*\* Denotes HVA Unavailable Due to Weather Minimums

Data Represents Jet Aircraft Only  
HVA is only available during daytime hours

# Noise Data: Runway Preference November 2021 (Arrivals)

## Runway Preference 2021 (Provides Data On Effectiveness To Approach From The West)

Arrivals Over South Portland		Arrivals Over Portland / West End		Arrivals Over Peaks Island		Arrivals Over Little Diamond		Arrivals Over Falmouth	
Arrivals	446	Arrivals	1	Arrivals	231	Arrivals	25	Arrivals	2
% of 11 / 29 Arrivals	41.53%	% of 11 / 29 Arrivals	0.09%	% of 11 / 29 Arrivals	21.51%	% of 11 / 29 Arrivals	2.33%	% of 11 / 29 Arrivals	0.19%

From West		From East		Total Arrivals	
Arrivals	266	Arrivals	808	Arrivals	1074
% of 11 / 29 Arrivals	25%	% of 11 / 29 Arrivals	75%	% of 11 / 29 Arrivals	100%

## Runway Preference 2021 (Noise Sensitive Hours 10pm-7am)

Arrivals Over South Portland		Arrivals Over Portland / West End		Arrivals over Peaks Island		Arrivals Over Little Diamond		Arrivals Over Falmouth	
Arrivals	120	Arrivals	0	Arrivals	5	Arrivals	1	Arrivals	0
% of 11 / 29 Arrivals	52.86%	% of 11 / 29 Arrivals	0.00%	% of 11 / 29 Arrivals	2.20%	% of 11 / 29 Arrivals	0.44%	% of 11 / 29 Arrivals	0.00%

From West		From East		Total	
Arrivals	101	Arrivals	126	Arrivals	227
% of 11 / 29 Arrivals	44%	% of 11 / 29 Arrivals	56%	% of 11 / 29 Arrivals	100%

# Noise Data: Runway Preference November 2021 (Departures)

## Runway Preference 2021 (Provides Data On Effectiveness To Approach From The West)

Departures Over South Portland		Departures Over Portland / West End		Departures Over Peaks Island		Departures Over Little Diamond		Departures Over Falmouth	
Departures	14	Departures		Departures	71	Departures	61	Departures	45
% of 11 / 29 Departures	1.29%	% of 11 / 29 Departures	0.00%	% of 11 / 29 Departures	6.53%	% of 11 / 29 Departures	5.61%	% of 11 / 29 Arrivals	4.14%

To West		To East		Total	
Departures	930	Departures	158	Departures	1088
% of 11 / 29 Arrivals	85%	% of 11 / 29 Arrivals	15%	% of 11 / 29 Arrivals	100%

## Runway Preference 2021 (Noise Sensitive Hours 10pm-7am)

Departures Over South Portland		Departures Over Portland / West End		Departures Over Peaks Island		Departures Over Little Diamond		Departures Over Falmouth	
Departures	7	Departures	0	Departures	12	Departures	10	Departures	7
% of 11 / 29 Departures	3.07%	% of 11 / 29 Departures	0.00%	% of 11 / 29 Departures	4.63%	% of 11 / 29 Departures	3.86%	% of 11 / 29 Arrivals	2.70%

To West		To East		Total	
Departures	234	Departures	25	Departures	259
% of 11 / 29 Departures	90%	% of 11 / 29 Departures	10%	% of 11 / 29 Departures	100%

# RWY 11 Departures November 2021 (Early North / South)

Departures Over West End (Early North)		Departures over South Portland (Early South)	
Departures (1-15)	9	Departures	7
% of 11 Departures	5.70%	% of 11 Departures	4.43%

To West		To East		Total	
Departures	930	Departures	158	Arrivals	1088
% of 11 / 29 Departures	85%	% of 11 / 29 Departures	15%	% of 11 / 29 Departures	100%

**Data Shown Represents Jet Aircraft Only**

# Departures over West End / Early North Reasoning

1. 11/4 4:17pm UA 4170: Filed HSKEL 3 RNAV departure, overflow Western Promenade
2. 11/11 10:55am UA 4175: Filed HSKEL 3 RNAV departure, overflow Western Promenade
3. 11/12 1237pm DL 5091: Filed HSKEL 3 RNAV departure, overflow Western Promenade, wind gusting 28
4. 11/12 1:28pm WN 6003: Filed NUBLE 4 RNAV departure, overflow Western Promenade, wind gusting 32
5. 11/12 2:28pm AA 2681: Filed NUBLE 4 RNAV departure, overflow Western Promenade, wind gusting 33
6. 11/12 2:42pm UA 4566: Unknown flight plan, overflow Western Promenade, wind gusting 33
7. 11/12 3:54pm AA 6190: Filed NUBLE 4 RNAV departure, overflow Western Promenade, wind gusting 32
8. 11/12 4:09pm UA 3916: Filed HSKEL 3 RNAV departure, overflow Western Promenade, wind gusting 32
9. 11/13 2:53pm N160SJ : Unknown flight plan, overflow Western Promenade