

February 2022 Community Noise Report



**Maine's
Home
Airport.**

Noise Data: Noise Reports vs Reporters

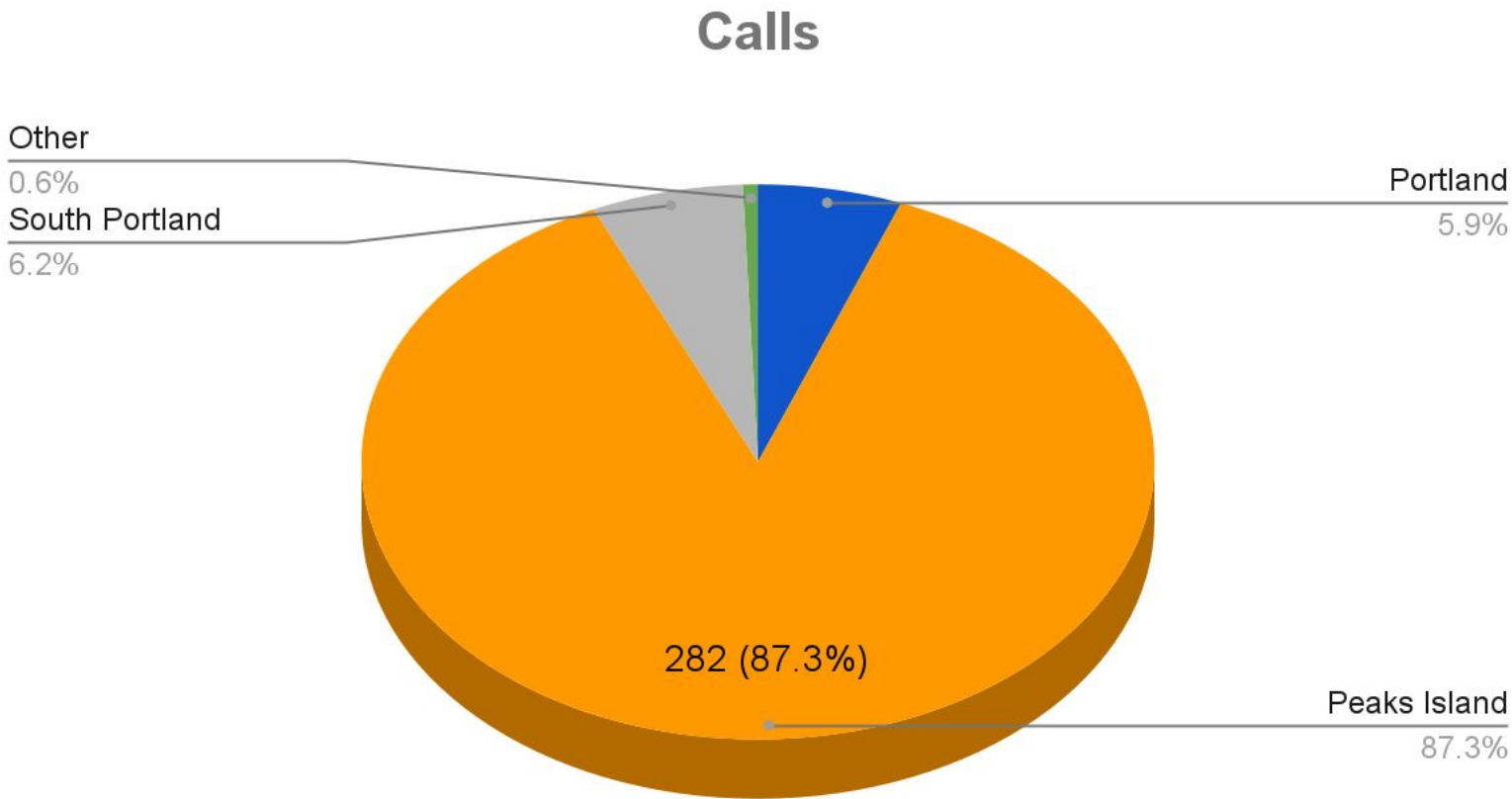
-	-	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
2014	Report	6	26	32	31	24	42	59	44	19	19	7	28	337
	Reporter	1	2	4	4	7	8	9	15	13	7	2	2	74
2015	Report	7	7	13	28	38	46	75	49	78	43	2	2	388
	Reporter	1	2	4	4	7	8	9	15	13	7	2	2	74
2016	Report	11	8	21	26	37	33	106	137	34	14	19	21	467
	Reporter	4	5	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	222	2162
	Reporter	16	6	22	15	34	49	48	47	36	35	16	21	345
2022	Report	199	124											323
	Reporter	10	19											24*

* Unique Reporters

Noise Data: Reports by Neighborhood

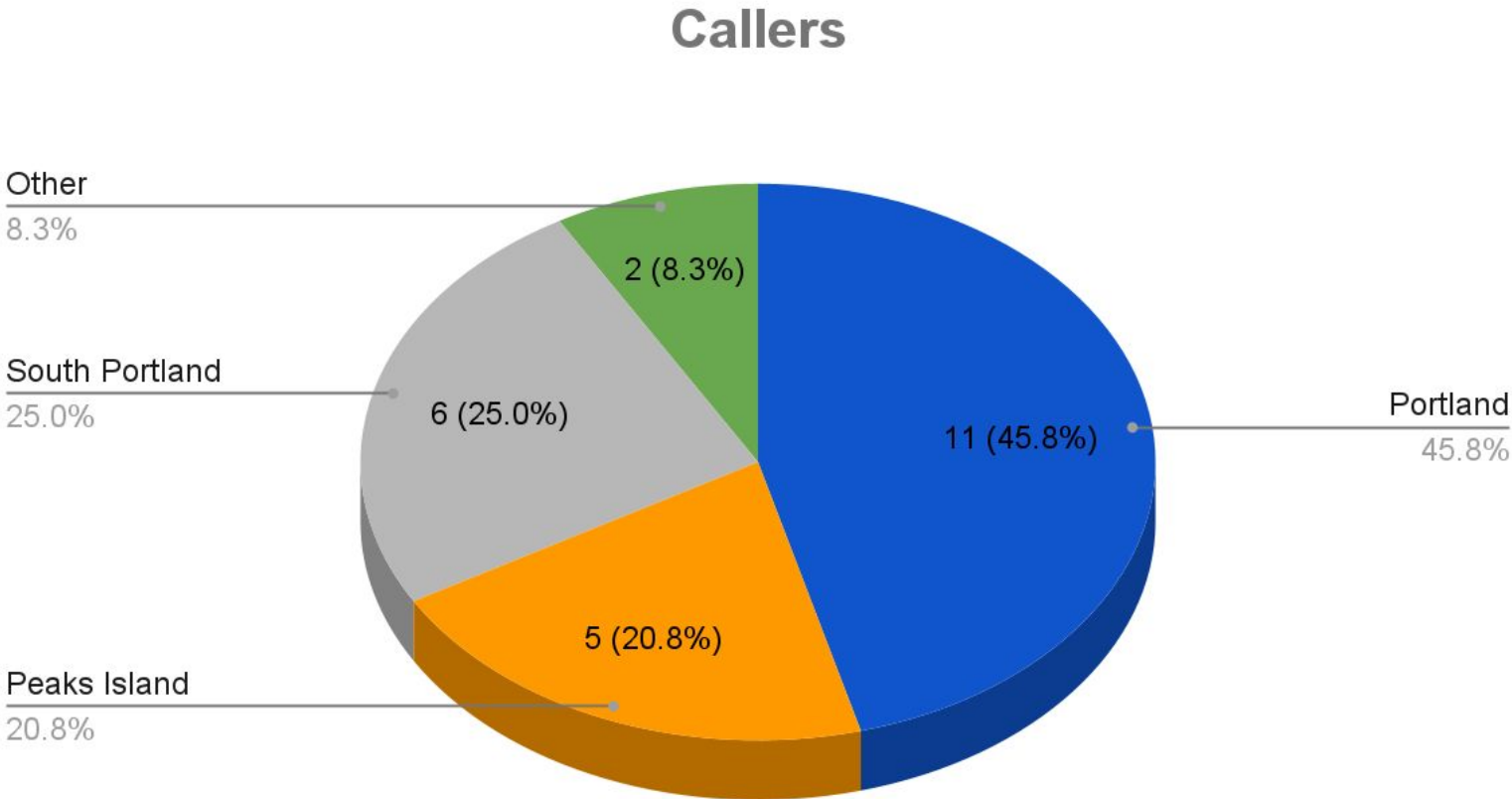
Noise **Reports** by
Neighborhood –
323 complaints since
Jan. 1, 2022

Portland: 19
Peaks Island: 282
South Portland: 20
Cape Elizabeth: 0
Scarborough: 0
Other: 2



Noise Data: Reporters by Neighborhood

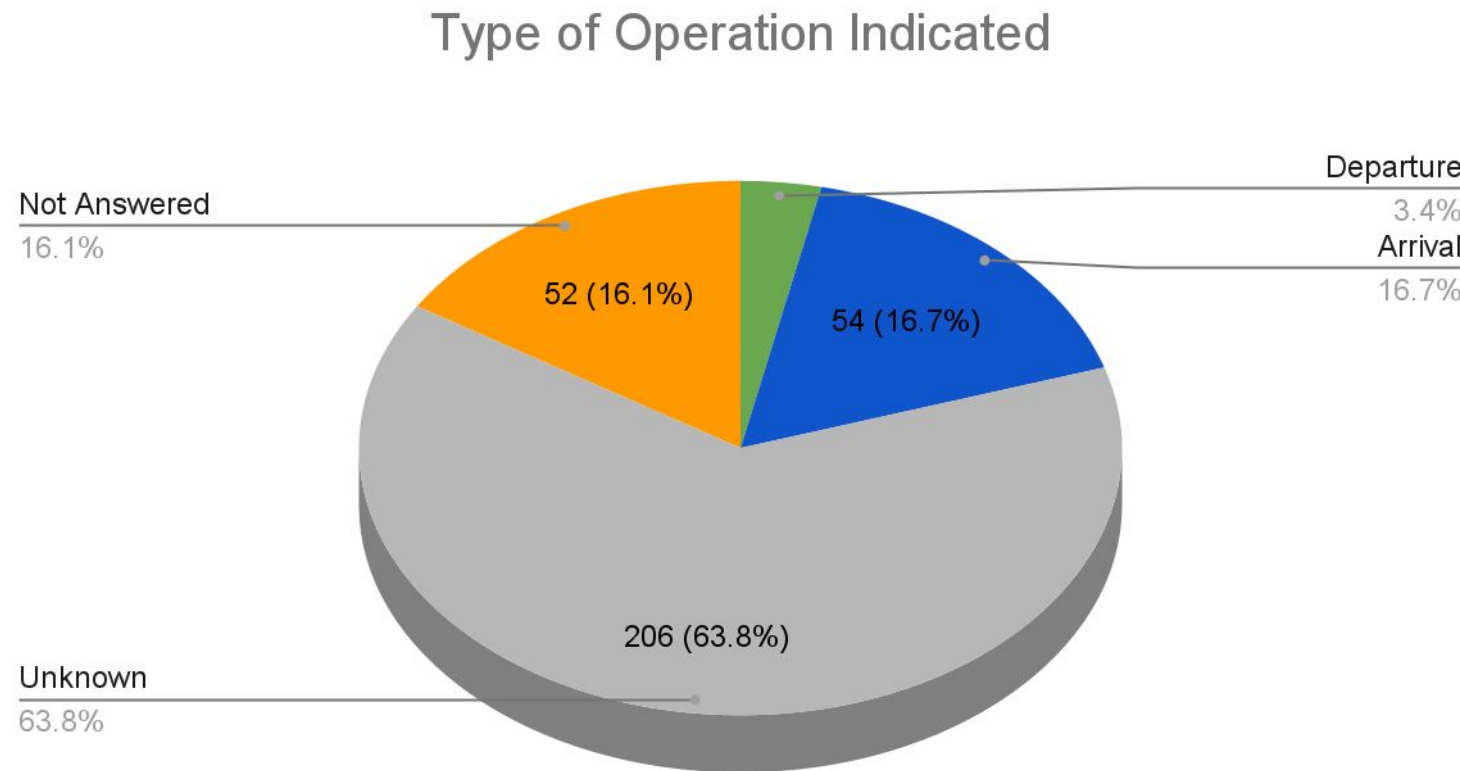
Noise **Reporters** by
Neighborhood –
24 Unique Callers
since Jan. 1, 2021



Noise Data: Operation Type Indicated

Noise **Reports** by Type
of Operation
since Jan. 1, 2022

Arrival: 54
Departure: 11
Unknown: 206
Not Answered: 52



Noise Data: Primary Runway Use

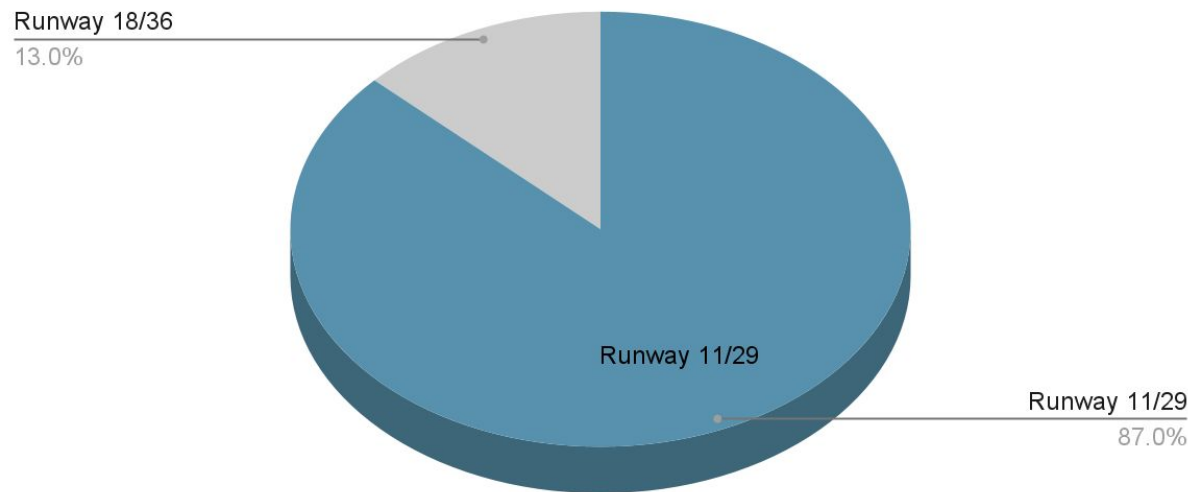
PWM Runway Operations													
2021	January	February	March	April	May	June	July	August	September	October	November	December	Total
11A	226	290											516
11D	151	217											368
18A	60	115											175
18D	31	78											109
29A	966	848											1814
29D	1040	878											1918
36A	158	57											215
36D	126	53											179
Total	2758	2536	0	0	0	0	0	0	0	0	0	0	5294
% Use of Primary Runway 2022	86%	88%											87%
% Use of Primary Runway 2021	80%	90%	74%	75%	73%	86%	100%	100%	94%	85%	84%	92%	86%

Noise Data: FedEx / Wiggins Runway Use

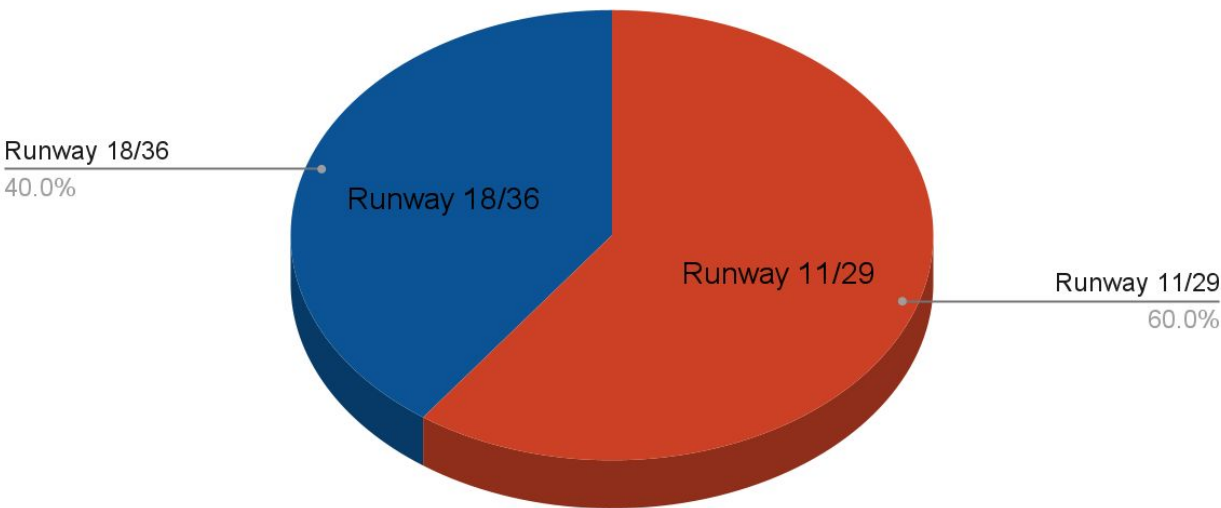
PWM Runway Operations													
2021	January	February	March	April	May	June	July	August	September	October	November	December	Total
11A	3	18											21
11D	4	8											12
18A	35	19											54
18D	2	3											5
29A	25	31											56
29D	30	36											66
36A	10	5											15
36D	18	11											29
Total	127	131	0	0	0	0	0	0	0	0	0	0	258
% Use of Primary Runway 2022	49%	71%											60%
% Use of Primary Runway 2021	48%	74%	56%	48%	51%	68%	100%	100%	82%	37%	58%	74%	66%

Noise Data: Runway Use January 2022

Total Runway Usage



Wiggins Runway Usage



Noise Data: Runway Preference February 2022 (Arrivals)

Runway Preference 2022 (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	390	Arrivals	0	Arrivals	107	Arrivals	8	Arrivals	1
% of 11 / 29 Arrivals	48.57%	% of 11 / 29 Arrivals	0.00%	% of 11 / 29 Arrivals	13.33%	% of 11 / 29 Arrivals	1.00%	% of 11 / 29 Arrivals	0.12%

From West		From East		Total Arrivals	
Arrivals	226	Arrivals	577	Arrivals	803
% of 11 / 29 Arrivals	28%	% of 11 / 29 Arrivals	72%	% of 11 / 29 Arrivals	100%

Runway Preference 2022 (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	84	Arrivals	0	Arrivals	1	Arrivals	0	Arrivals	0
% of 11 / 29 Arrivals	51.22%	% of 11 / 29 Arrivals	0.00%	% of 11 / 29 Arrivals	0.61%	% of 11 / 29 Arrivals	0.00%	% of 11 / 29 Arrivals	0.00%

From West		From East		Total	
Arrivals	79	Arrivals	85	Arrivals	164
% of 11 / 29 Arrivals	48%	% of 11 / 29 Arrivals	52%	% of 11 / 29 Arrivals	100%

Data Shown Represents Jet Aircraft Only

Noise Data: Runway Preference February 2022 (Departures)

Runway Preference 2022 (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	9	Departures	4	Departures	86	Departures	68	Departures	46
% of 11 / 29 Departures	1.10%	% of 11 / 29 Departures	0.49%	% of 11 / 29 Departures	10.55%	% of 11 / 29 Departures	8.34%	% of 11 / 29 Arrivals	5.64%

To West		To East		Total	
Departures	646	Departures	169	Departures	815
% of 11 / 29 Arrivals	79%	% of 11 / 29 Arrivals	21%	% of 11 / 29 Arrivals	100%

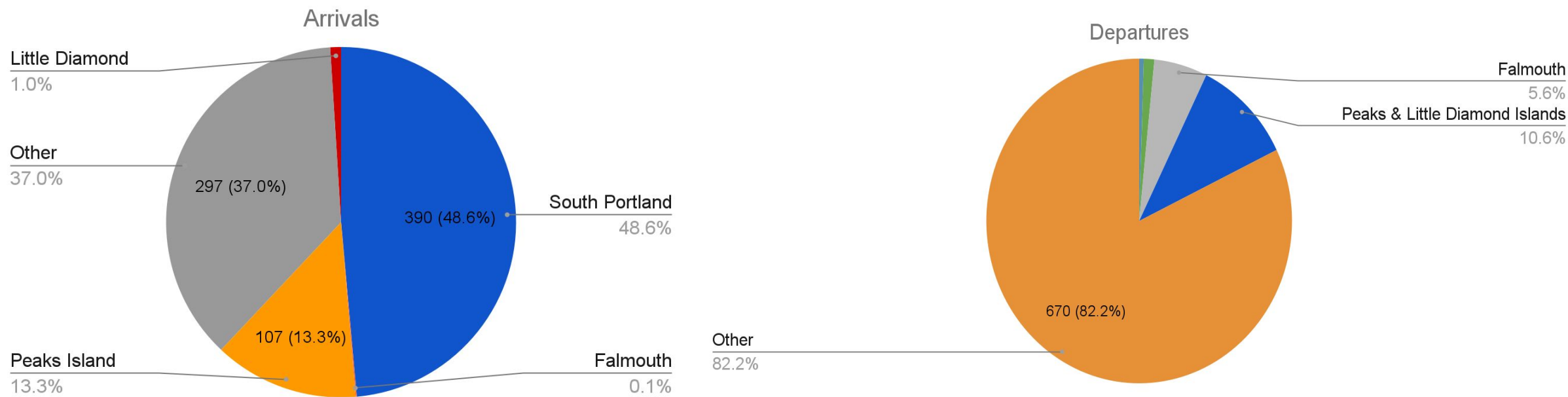
Runway Preference 2022 (Noise Sensitive Hours 10pm-7am)

Departures Over South Portland		Departures Over Portland / West End		Departures Over Peaks Island		Departures Over Little Diamond		Departures Over Falmouth	
Departures	5	Departures	0	Departures	19	Departures	13	Departures	6
% of 11 / 29 Departures	2.19%	% of 11 / 29 Departures	0.00%	% of 11 / 29 Departures	10.98%	% of 11 / 29 Departures	7.51%	% of 11 / 29 Arrivals	3.47%

To West		To East		Total	
Departures	143	Departures	30	Departures	173
% of 11 / 29 Departures	83%	% of 11 / 29 Departures	17%	% of 11 / 29 Departures	100%

Data Shown Represents Jet Aircraft Only

Noise Data: Runway Preference February 2022



Data Shown Represents Jet Aircraft Only

Noise Data: Harbor Visual Approach

Harbor Visual Approach Compliance								
February 7 - 13	*2/7*	**2/8**	2/9	2/10	2/11	2/12	2/13	Total
Number of Approaches of Eligible Aircraft	1	0	16	13	12	7	-	49
Number of Successful HVA	1	0	12	5	10	5	-	33
Percentage of Successful HVA	100%	-	75%	38%	83%	71%	-	74%

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

No Arrivals From The East On 2/13

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

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								
February 7 - 13	2/7	2/8	2/9	2/10	2/11	2/12	2/13	Weekly Total
RWY 11 Arrivals	6	0	6	0	0	0	7	19
RWY 29 Departures	5	6	5	8	7	6	7	44
Total RWY Operations	14	12	12	16	12	10	15	91
% of Arrivals / Departures to and from west	79%	50%	92%	50%	58%	60%	93%	69%

Data Represents Jet Aircraft Only

RWY 11 Departures February 2022 (Early North / South)

Departures Over West End (Early North)		Departures over South Portland (Early South)	
Departures (1-15)	4	Departures	8
% of 11 Departures	0.62%	% of 11 Departures	1.24%

To West		To East		Total	
Departures	646	Departures	169	Arrivals	815
% of 11 / 29 Departures	79%	% of 11 / 29 Departures	21%	% of 11 / 29 Departures	100%

Data Shown Represents Jet Aircraft Only

Departures over West End / Early North Reasoning

1. 2/1/2022 10:44AM N441QC PWM-N/A: Filed NUBLE 4 Departure, Overflow Western Promenade.
2. 2/1/2022 10:59AM DL 5091 PWM-LGA: Filed NUBLE 4 Departure, Overflow Western Promenade.
3. 2/6/2022 10:06AM UA 3911 PWM-ORD: Filed HSKEL 3 Departure, Overflow Western Promenade.
4. 2/17/2022 4:32PM WN 534 PWM-BWI: Filed NUBLE 4 Departure, Overflow Western Promenade.

Wind Was Not A Factor During These Operations