

Select a page :

**Summary**

LTOP targets

Ops by direction

Runway usage

Hourly summary

Mode usage

PRM operations

34L departures

Noise sharing

Seasonal mode

Select a month :

Dec-22

# Summary (Preview)

December  
2022

Preview

---

LTOP

---

Mode Usage

### Total Runway Movements

2022		2021	
Dec-22	Nov-22	Dec-21	Nov-21
25,435 Total	24,575 Total	18,738 Total	10,848 Total
820 Daily Avg	819 Daily Avg	604 Daily Avg	362 Daily Avg

### Runway End Impact LTOP Targets

Long Term Operating Plan

The two fundamental factors which influence the selection of a runway and therefore the LTOP targets are forecast or prevailing weather and traffic levels

	LTOP Target	Dec-22	Nov-22
North	17%	▲ 37.47%	▲ 28.88%
South	55%	▼ 50.52%	▲ 45.89%
East	13%	▼ 11.20%	▼ 18.97%
West	15%	▼ 0.72%	▼ 6.25%

▲ LTOP Target VS Dec-22     
 ▼ Dec-22 VS Nov-22

### Mode Utilization

Number of days individual mode used in excess of 9 hours

30

Airport Mode	Days
Mode 10	17
Mode 9	13

4.14%

Usage of LTOP runway modes on non-curfew hours

### 16 PRM Operations

Precision Runway Monitor

Days procedure used

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31

ATIS time

0
0

hours      minutes

If you have questions about this report please contact:

**Noise Complaints and Information Service**

Noise Complaint, enquiry and Feedback Form:

<https://www.airservicesaustralia.com/community/environment/aircraft-noise/about-making-a-complaint/>

Web: <http://www.airservicesaustralia.com/aircraftnoise/>

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Dec-22

# Summary (LTOP)

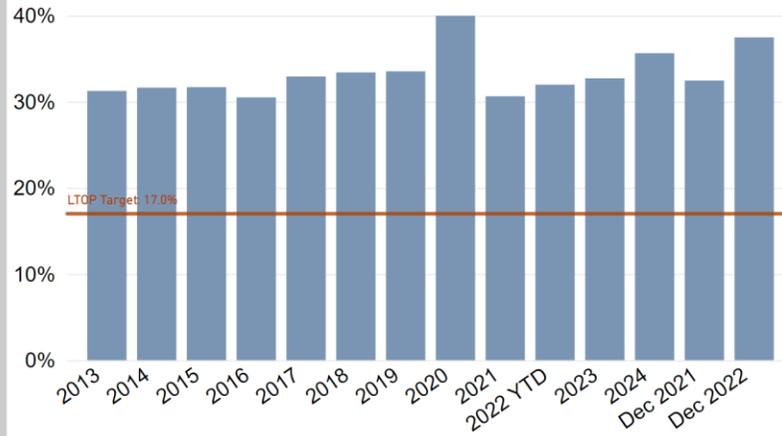
December 2022

Preview

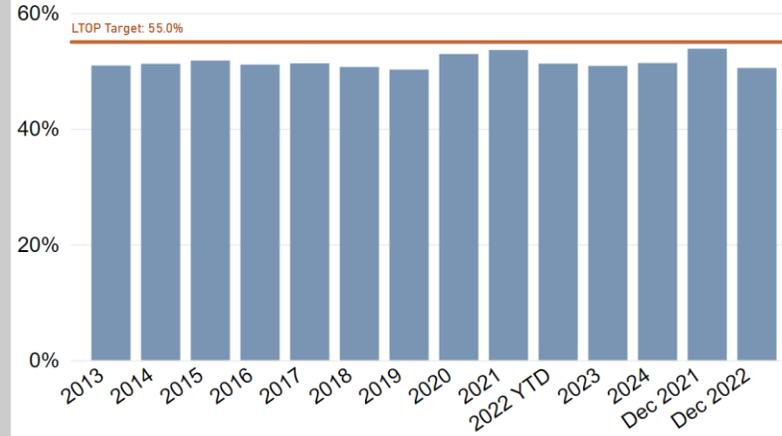
LTOP

Mode Usage

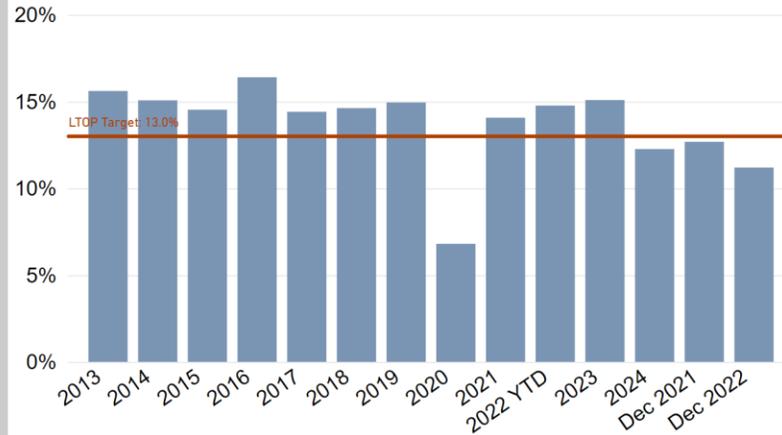
### Northern runway end impact (16L and 16R arrivals plus 34L departures)



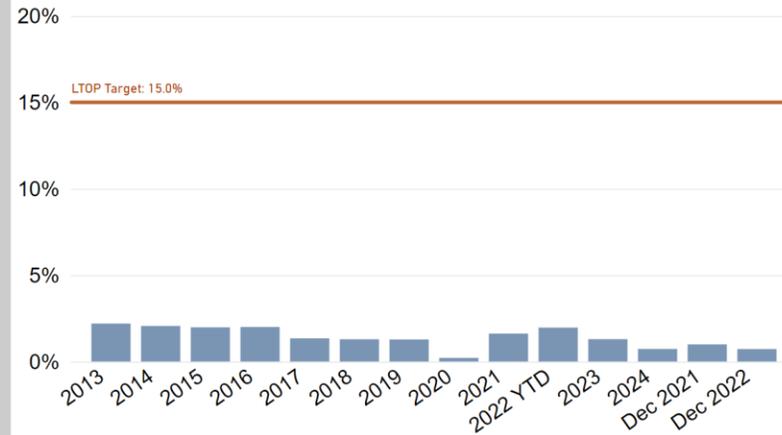
### Southern runway end impact (16L and 16R departures plus 34L and 34R arrivals)



### Eastern runway end impact (07 and 34R departures plus 25 arrivals)



### Western runway end impact (07 arrivals plus 25 departures)





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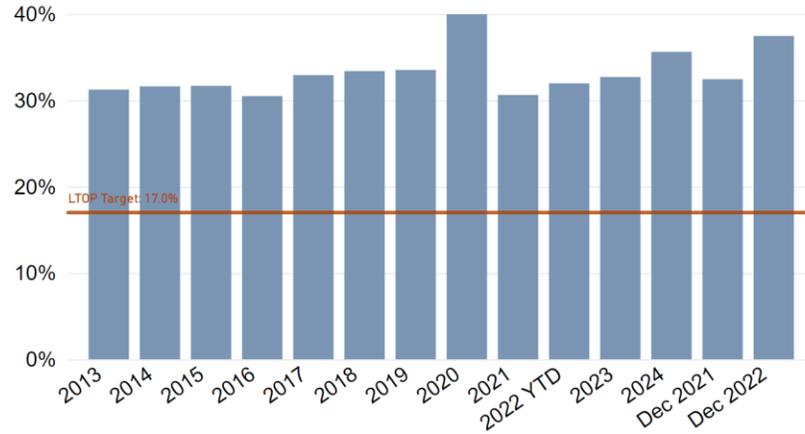
Dec-22



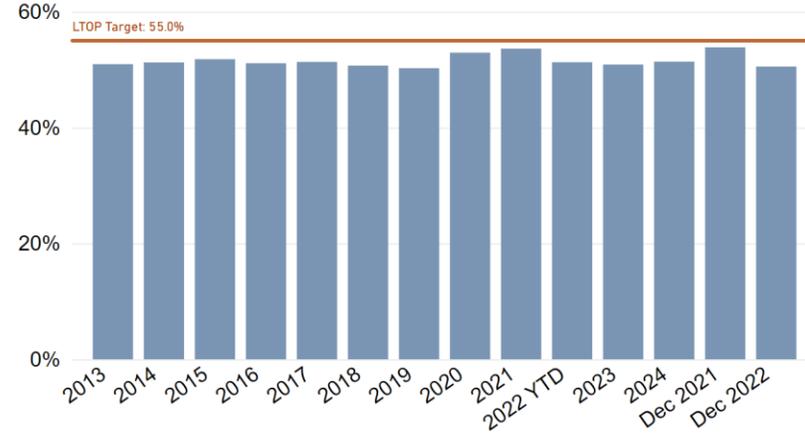
# LTOP Targets

December 2022

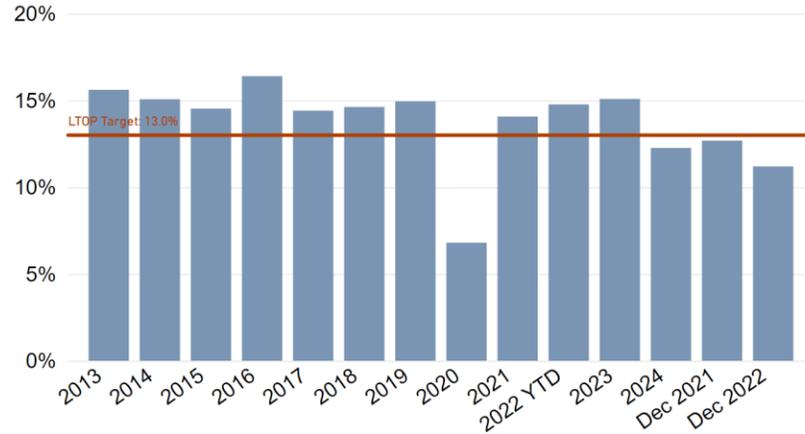
Northern runway end impact (16L and 16R arrivals plus 34L departures)



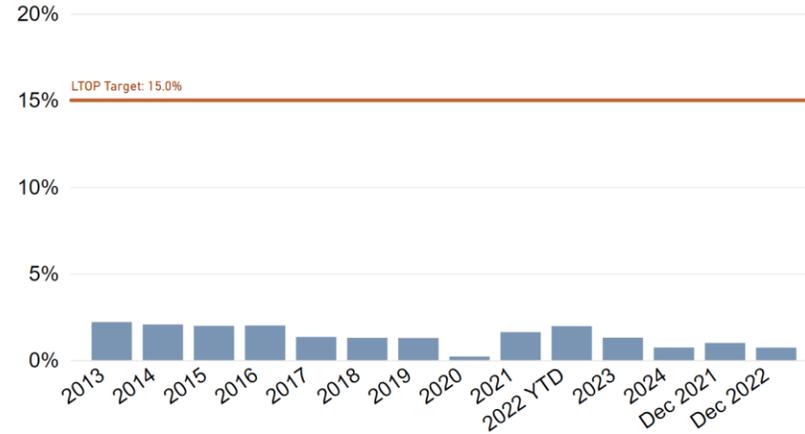
Southern runway end impact (16L and 16R departures plus 34L and 34R arrivals)



Eastern runway end impact (07 and 34R departures plus 25 arrivals)



Western runway end impact (07 arrivals plus 25 departures)



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Dec-22

Select a type :

All

# Operations by direction

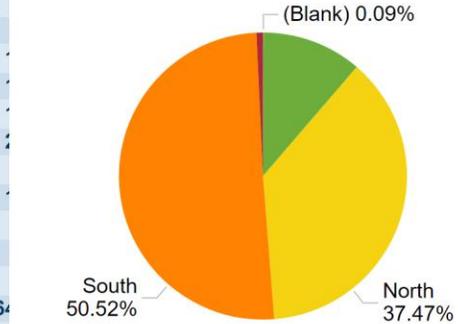
December 2022

Operations by day, direction and runway

Sector	Date	Total	East			North				South				West				
			07 D	25 A	34R D	Total	16L A	16R A	34L D	Total	16L D	16R D	34L A	34R A	Total	07 A	25 D	Total
12/1/2022						181	256		437	147	292	3	8	450				
12/2/2022	1	1				188	269		457	155	320	1	7	483				
12/3/2022				44	44	97	142	47	286	75	165	91	25	356				
12/4/2022				178	178			164	164	38	6	283	91	418	1			
12/5/2022				196	196	34	60	160	254	22	67	206	136	431	1			
12/6/2022						163	270		433	133	300	8		441	2			
12/7/2022				230	230			193	193	1	19	299	138	457				
12/8/2022						169	278		447	159	292	1	12	464	1			
12/9/2022						187	270		457	154	320		4	478				
12/10/2022				4	4	126	180	21	327	103	202	44		349				
12/11/2022				211	211			164	164	18	3	271	111	403				
12/12/2022	1	1	72	138	210	16	20	159	195	6	29	184	108	327		64	64	
12/13/2022				221	221			179	179	3	29	283	143	458				
12/14/2022	1	1	113	11	124	125	181	4	310	95	226	11	9	341		103	103	
12/15/2022						180	274		454	139	321	8		468				
12/16/2022	2	2				167	283		450	154	305			459				
12/17/2022	1	1				147	223		370	102	239			341				
12/18/2022	2	2				149	236		385	116	280			396				
12/19/2022	2	2				185	251		436	139	301		4	444				
12/20/2022						171	253		424	144	293		12	449				
12/21/2022	3	3		26	26	136	205	24	365	120	261	54	31	466				
12/22/2022	2	2		228	228			192	192	11	9	282	162	464				
12/23/2022				117	117	72	129	113	314	62	151	149	80	442	1			
12/24/2022				163	163	2	14	142	158	14	18	264	77	373	1			
12/25/2022	2	2		40	40	50	118	45	213	60	140	100	18	318				
12/26/2022	1	1		205	205			181	181		5	236	136	377	1			
12/27/2022	2	2		207	207			184	184		4	282	119	405	1			
12/28/2022			1	217	218			185	185		8	283	125	416	1			
12/29/2022	1	1				165	244		409	132	284	10		426				
12/30/2022	1	1		166	166	35	54	155	244	33	64	212	113	422	4		4	
12/31/2022				60	60	57	84	122	263	40	96	156	37	329	1	1	2	
<b>Total</b>	<b>2</b>	<b>22</b>	<b>1</b>	<b>185</b>	<b>2,662</b>	<b>2,848</b>	<b>2,802</b>	<b>4,294</b>	<b>2,434</b>	<b>9,530</b>	<b>2,375</b>	<b>5,049</b>	<b>3,721</b>	<b>1,706</b>	<b>12,851</b>	<b>16</b>	<b>168</b>	<b>184</b>

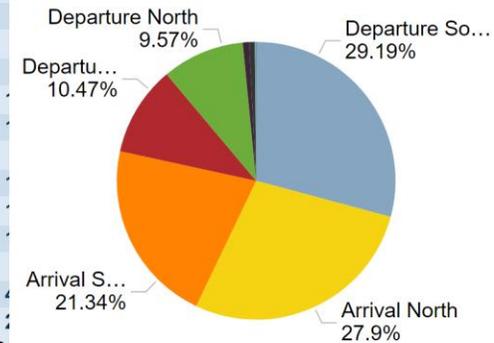
Total operations by compass direction

(Blank) East North South West



Arrivals/departures by direction

Depart... Arrival ... Arrival ... Depart...



Click here for 'Help' ?

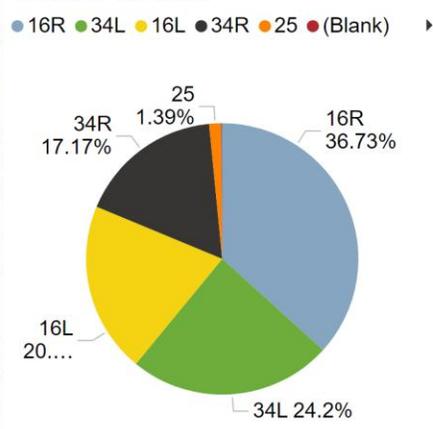
# Runway use summary

December 2022

Operations by day and runway

Runway	01R			07			16L			16R			25			34L					
	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total			
12/1/2022									181	147	328	256	292	548			3		3		
12/2/2022		1	1						188	155	343	269	320	589			1		1		
12/3/2022					1	1	97	75	172	142	165	307				91	47	138			
12/4/2022					1	1	34	22	56	60	67	127				283	164	447			
12/5/2022					2	2	163	133	296	270	300	570				206	160	366			
12/6/2022								1	1		19	19				8		8			
12/7/2022					1	1	169	159	328	278	292	570				299	193	492			
12/8/2022								187	154	341	270	320	590			1		1			
12/9/2022								126	103	229	180	202	382			44	21	65			
12/10/2022									18	18		3	3			271	164	435			
12/11/2022				1	1			16	6	22	20	29	49	72	64	136	184	159	343		
12/12/2022									3	3		29	29			283	179	462			
12/13/2022	1		1					125	95	220	181	226	407	113	103	216	11	4	15		
12/14/2022								180	139	319	274	321	595				8		8		
12/15/2022	1	1	2					167	154	321	283	305	588								
12/16/2022	1		1					147	102	249	223	239	462								
12/17/2022	1	1	2					149	116	265	236	280	516								
12/18/2022		2	2					185	139	324	251	301	552								
12/19/2022								171	144	315	253	293	546						1		
12/20/2022		3	3					136	120	256	205	261	466				54	24	78		
12/21/2022		2	2						11	11		9	9				282	192	474		
12/22/2022					1	1	72	62	134	129	151	280				149	113	262			
12/23/2022					1	1	2	14	16	14	18	32				264	142	406			
12/24/2022	1	1	2					50	60	110	118	140	258				100	45	145		
12/25/2022	1		1		1	1						5	5				236	181	417		
12/26/2022	1	1	2		1	1						4	4				282	184	466		
12/27/2022					1	1	2					8	8				283	185	468		
12/28/2022		1	1					165	132	297	244	284	528				10		10		
12/29/2022		1	1		4	4	35	33	68	54	64	118				212	155	367			
12/30/2022					1	1	57	40	97	84	96	180		1	1	156	122	278			
12/31/2022																					
<b>Total</b>	<b>7</b>	<b>14</b>	<b>21</b>	<b>1</b>	<b>1</b>	<b>16</b>	<b>1</b>	<b>17</b>	<b>2,3...</b>	<b>2,3...</b>	<b>5,1...</b>	<b>4,...</b>	<b>5,...</b>	<b>9,343</b>	<b>1...</b>	<b>168</b>	<b>353</b>	<b>3,721</b>	<b>2,434</b>	<b>6,155</b>	<b>1..</b>

Operations by runway



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# Hourly movement summary

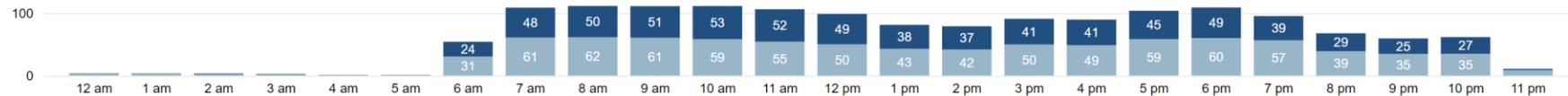
December 2022

## Operations by hour of day

Date	12 am	1 am	2 am	3 am	4 am	5 am	6 am	7 am	8 am	9 am	10 am	11 am	12 pm	1 pm	2 pm	3 pm	4 pm	5 pm	6 pm	7 pm	8 pm	9 pm	10 pm	11 pm	Total
12/1/2022	2	7	2	2	1	1	31	69	64	63	58	58	46	40	42	46	51	57	64	62	42	32	38	9	887
12/2/2022	4	4	4	3	1	1	30	59	66	64	79	58	47	48	47	59	52	63	69	77	38	33	32	3	941
12/3/2022	1	1					30	59	63	54	59	62	42	39	34	36	39	36	40	24	20	22	25	1	687
12/4/2022			2	2			20	32	42	53	45	49	50	36	43	52	47	55	65	63	43	29	28	5	761
12/5/2022	1	1					36	68	67	71	51	62	51	36	41	54	48	62	50	45	41	34	44	19	882
12/6/2022	3	1	1	1	1	3	34	63	63	71	68	54	43	41	38	41	46	62	70	56	36	27	41	12	876
12/7/2022	4	5	6	3	3		36	67	66	64	60	51	49	40	33	47	48	63	60	61	36	35	30	13	880
12/8/2022	5	5	3	5	3	1	33	66	66	63	66	51	50	35	43	45	54	70	67	62	39	32	40	8	912
12/9/2022	4	6	2	3	1		34	66	61	72	65	57	55	50	41	62	57	58	61	70	48	30	29	3	935
12/10/2022	1						23	59	59	62	61	52	52	36	33	36	33	42	41	25	15	26	23	1	680
12/11/2022			2				21	41	43	43	51	50	58	30	45	53	48	57	62	71	39	33	27	4	778
12/12/2022	1	1	2				35	56	59	62	29	33	53	59	50	42	38	43	39	44	46	56	35	14	797
12/13/2022	13	8	3	1	1	3	27	60	65	60	59	52	43	38	39	45	46	56	62	61	34	37	30	15	858
12/14/2022	3	7	3	6	1	2	27	65	63	55	47	50	41	47	48	54	52	64	56	63	39	38	38	10	879
12/15/2022	4	7	3	3	1		34	61	63	66	69	54	48	40	36	55	53	60	64	62	48	36	48	7	922
12/16/2022	2	4	2			1	37	67	66	62	61	53	54	46	37	57	52	61	68	64	41	34	38	4	911
12/17/2022	1	1		1	1	1	26	54	63	58	59	52	59	36	36	38	39	40	50	27	24	18	27	1	712
12/18/2022			2				18	45	40	45	50	52	42	52	35	52	48	62	69	62	42	30	36	1	783
12/19/2022			2	1		2	27	63	64	65	55	62	53	46	46	42	58	61	63	52	39	33	41	7	882
12/20/2022	5	5	3	4	2	1	27	65	61	57	61	56	45	45	45	52	45	55	63	48	40	37	41	10	873
12/21/2022	5	5	4	3	1	1	29	62	66	62	55	57	43	46	40	50	53	61	50	54	36	34	35	8	860
12/22/2022	4	6	3	2	1		31	65	61	56	58	60	57	43	43	46	47	55	62	58	36	43	35	14	886
12/23/2022	4	5	3	3	2	1	32	65	55	57	55	59	57	45	47	55	44	47	60	58	40	42	29	9	874
12/24/2022			1	1		1	27	56	52	51	53	61	48	39	38	38	38	38	39	29	30	27	25	3	695
12/25/2022			3	2	1		18	33	33	40	49	41	40	33	34	38	36	36	37	28	24	20	27		573
12/26/2022	1						17	37	46	59	62	56	50	39	40	48	48	57	59	49	35	29	28	5	765
12/27/2022					1		29	57	55	50	56	53	53	45	38	50	44	63	63	44	34	34	28	2	799
12/28/2022	1	1			1		30	54	63	53	53	63	53	39	42	51	47	57	59	47	34	32	30	10	820
12/29/2022	6	3	2	5	1		31	54	59	55	55	44	57	38	44	48	47	58	56	60	40	30	33	10	836
<b>Total</b>	<b>79</b>	<b>85</b>	<b>60</b>	<b>53</b>	<b>27</b>	<b>21</b>	<b>887</b>	<b>1,778</b>	<b>1,806</b>	<b>1,793</b>	<b>1,765</b>	<b>1,667</b>	<b>1,545</b>	<b>1,294</b>	<b>1,258</b>	<b>1,472</b>	<b>1,445</b>	<b>1,699</b>	<b>1,769</b>	<b>1,597</b>	<b>1,119</b>	<b>990</b>	<b>1,013</b>	<b>213</b>	<b>25,435</b>

## Average daily operations by hour of day

● Weekday ● Weekend



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Select a month :

Dec-22

# Mode utilization summary

December  
2022

Duration of mode use

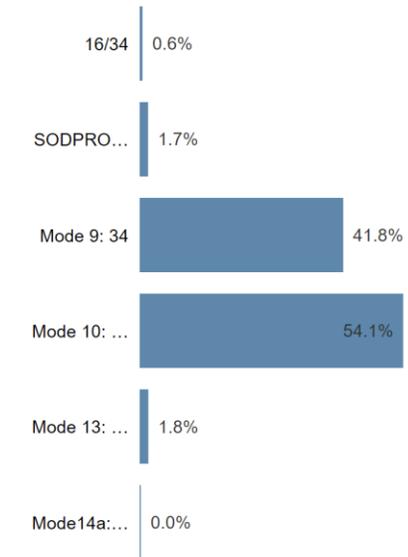
Date	Curfew	16/34	SODPROPS	Mode 5: 16/25	Mode 7: 25/34	Mode 9: 34	Mode 10: 16	Mode 12: 07	Mode 13: 25	Mode14a: 16/07	Other	Total
12/1/2022	07:00		00:04				16:56					24:00
12/2/2022	07:00		00:05				16:55					24:00
12/3/2022	07:00	00:13	00:01			06:53	09:53					24:00
12/4/2022	07:00	00:04	02:53			14:03						24:00
12/5/2022	07:00		00:02			13:09	03:49					24:00
12/6/2022	07:00	00:01					16:59					24:00
12/7/2022	07:00	00:14				16:46						24:00
12/8/2022	07:00		00:05				16:55					24:00
12/9/2022	07:00		00:01				16:59					24:00
12/10/2022	07:00		02:56			00:60	13:04					24:00
12/11/2022	07:00	00:13	01:22			15:25						24:00
12/12/2022	07:00					11:14	01:10		04:37			24:00
12/13/2022	07:00	00:21				16:39						24:00
12/14/2022	07:00					00:52	11:21		04:47			24:00
12/15/2022	07:00		00:02				16:58					24:00
12/16/2022	07:00						17:00					24:00
12/17/2022	07:00						17:00					24:00
12/18/2022	07:00	00:04					16:56					24:00
12/19/2022	07:00		00:08				16:52					24:00
12/20/2022	07:00		00:05				16:55					24:00
12/21/2022	07:00		00:06			03:20	13:34					24:00
12/22/2022	07:00		00:13			16:47						24:00
12/23/2022	07:00	00:07	00:00			08:29	08:24					24:00
12/24/2022	07:00	00:07	00:53			14:52	01:08					24:00
12/25/2022	07:00	00:17	00:12			06:30	10:00					24:00
12/26/2022	07:00	00:10				16:50						24:00
12/27/2022	07:00	00:14				16:46						24:00
12/28/2022	07:00	00:15				16:45						24:00
12/29/2022	07:00	00:13					16:47					24:00
12/30/2022	07:00	00:10				12:56	03:41			00:13		24:00
12/31/2022	07:00	00:21				10:52	05:47					24:00
<b>Total</b>	<b>217:00</b>	<b>03:04</b>	<b>09:08</b>			<b>220:09</b>	<b>285:02</b>		<b>09:24</b>	<b>00:13</b>		<b>744:00</b>

Days with a mode used in excess of 9 hours

30 Any Mode      13 Mode 9      17 Mode 10

17 At any time      16 6am &/or 10pm

Summary



Cumulative mode utilisation for year to date

Cumulative Mode Usage Label	16/34	SODPROPS	Mode 5	Mode 7	Mode 9	Mode 10	Mode 12	Mode 13	Mode 14a
Movements	0.4%	4.0%	1.0%		44.0%	46.6%	0.1%	3.0%	0.9%
Time	1.2%	5.0%	1.3%		42.5%	45.5%	0.2%	3.2%	1.1%

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Select a month :

Dec-22



# Runway 16 Precision Runway Monitor operations

December  
2022

Date	Start Time	End Time	Duration
------	------------	----------	----------

PRM arrivals by Aircraft type

Number of flights

Date	16L	16R	Total
Total			

Hours used per day

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

[Click here for 'Help'](#)

Select a page :

Summary

LTOP targets

Ops by direction

Runway usage

Hourly summary

Mode usage

PRM operations

34L departures

Noise sharing

Seasonal mode

Select a month :

Dec-22

# Runway 34 departures maintaining heading

December  
2022

2,434

Flights departing from runway 34L

52

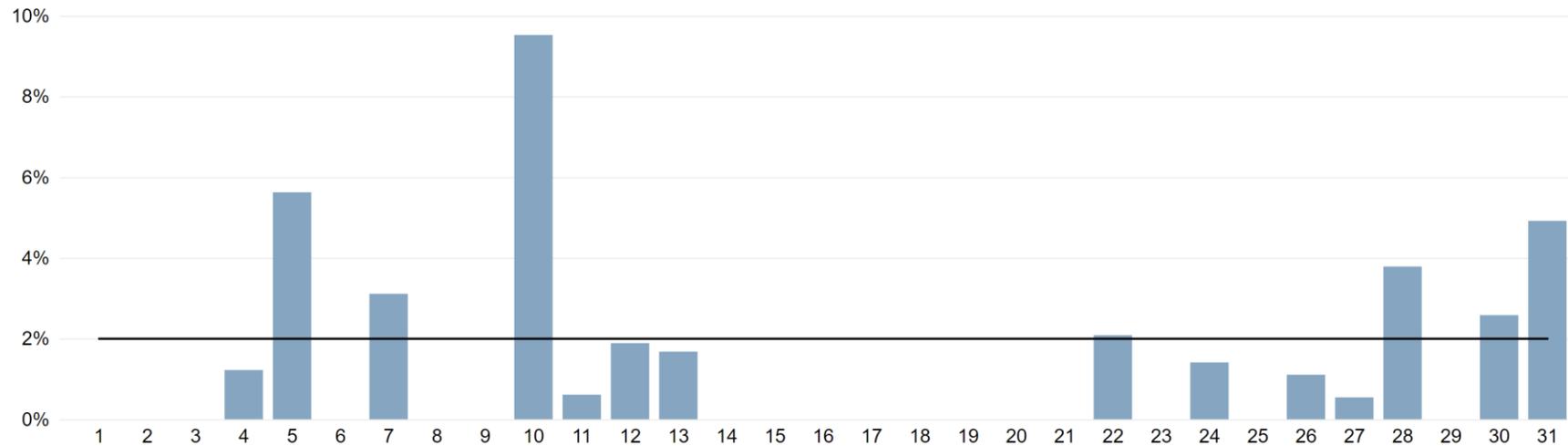
Flights maintaining runway heading

2.14%

34L departures maintaining runway heading

34L departures maintaining runway heading by day of month

● Percentage of 34L departures maintaining runway heading ● 13 months percentage



[Click here for 'Help'](#)

Select a page :

Summary

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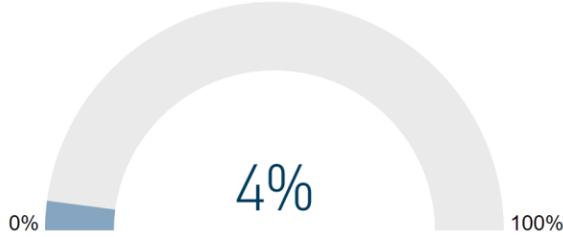
Select a month :

Dec-22

# Noise sharing during non-peak hours

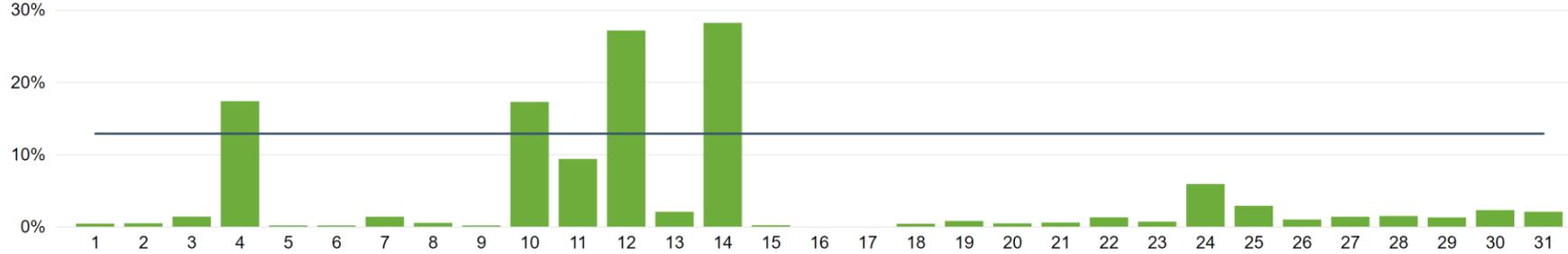
December 2022

Noise sharing time by month



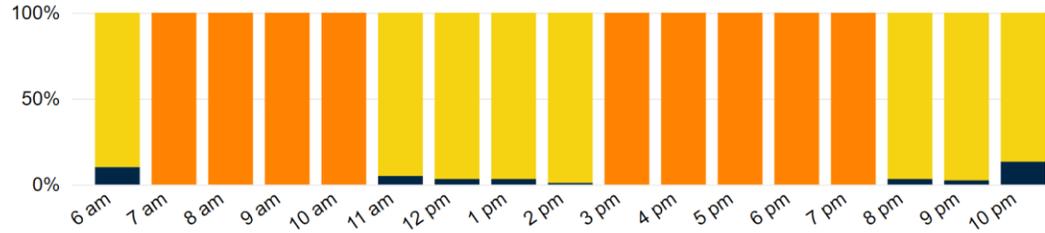
By day

● Noise Sharing Time — Average last 13 months

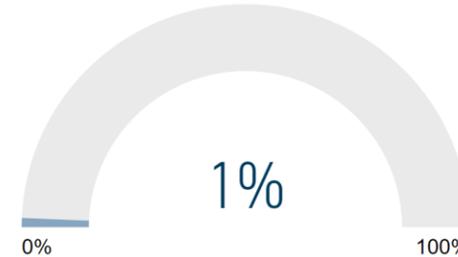


By hour

● Time spent ● Non-peak periods ● Peak periods



Flights during noise sharing



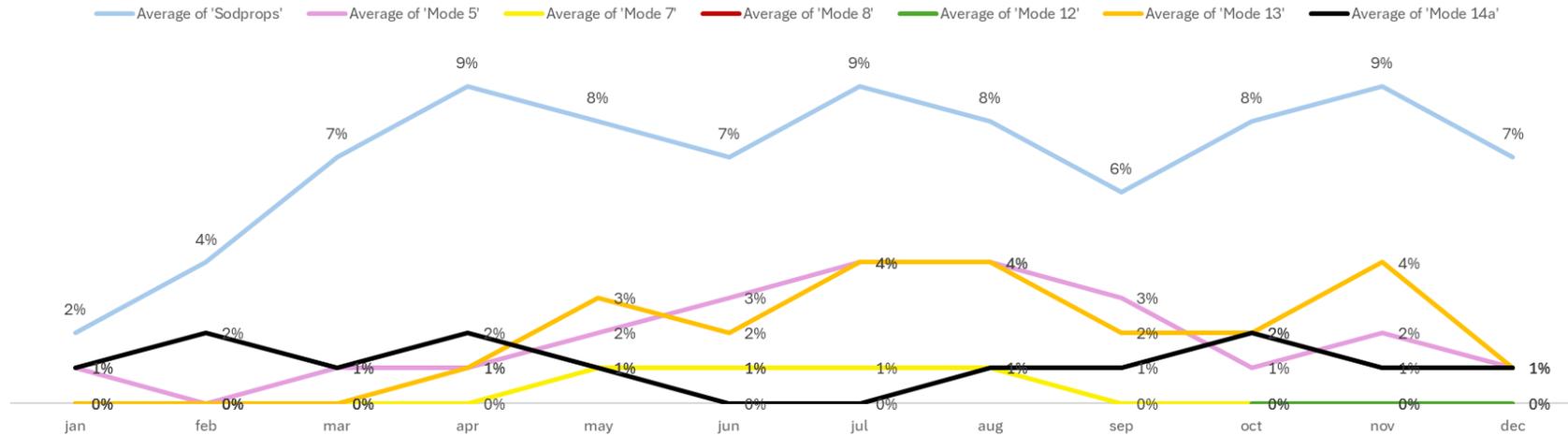
**Note :**

- Noise sharing is used outside the curfew and peak periods when weather conditions and flight numbers permit.
- If traffic volumes are high, peak periods may extend beyond the hours shown.
- Non-peak periods are defined as 6am-7am, 11am-3pm and 8pm-11pm.

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# Seasonal variation in mode use

Average percentage of time using noise sharing modes from 2015 to current month



Average percentage of time using parallel modes from 2015 to current month

