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Mode usage

PRM operations

34L departures

Noise sharing

Seasonal mode

Select a month :

Jan-21

# Summary (Preview)

January  
2021

Preview

---

LTOP

---

Mode Usage

### Total Runway Movements

2021		2020	
<b>Jan-21</b>	<b>Dec-20</b>	<b>Jan-20</b>	<b>Dec-19</b>
7,996 Total	13,385 Total	27,181 Total	28,094 Total
258 Daily Avg	432 Daily Avg	877 Daily Avg	906 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	Jan-21	Dec-20
North	17%	▲ 46.05%	▲ 40.43%
South	55%	▼ 53.70%	▼ 54.14%
East	13%	▼ 0.04%	▼ 5.21%
West	15%	▼ 0.00%	0.00%

▲ LTOP Target VS Jan-21     
 ▼ Jan-21 VS Dec-20

### Mode Utilization

Number of days individual mode used in excess of 9 hours

30

Airport Mode	Days
Mode 9	15
Mode 10	15

2.47%

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

hours

0

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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# Summary (LTOP)

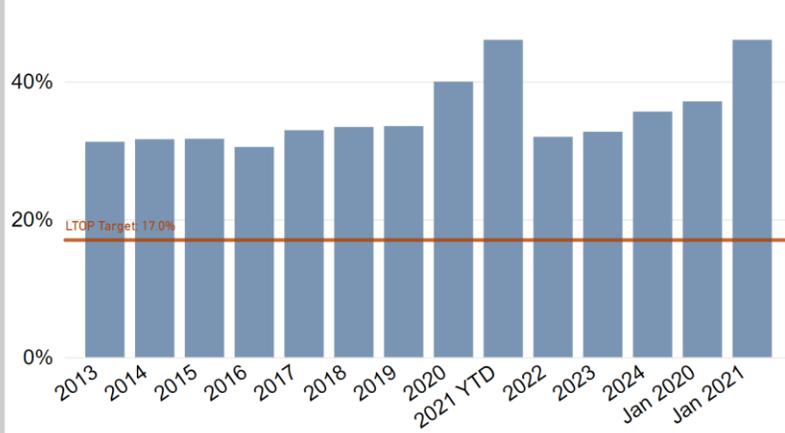
January 2021

Preview

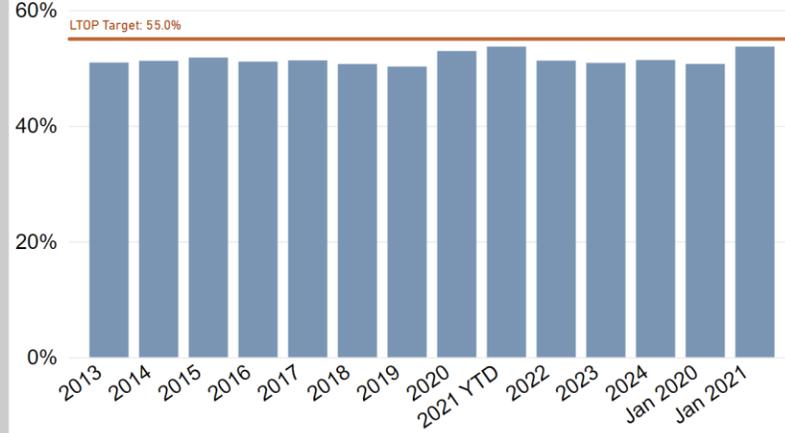
LTOP

Mode Usage

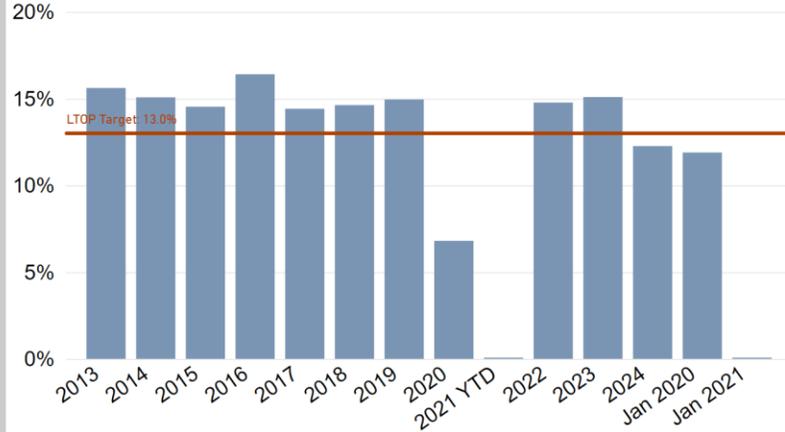
### Northern runway end impact (16L and 16R arrivals plus 34L departures)



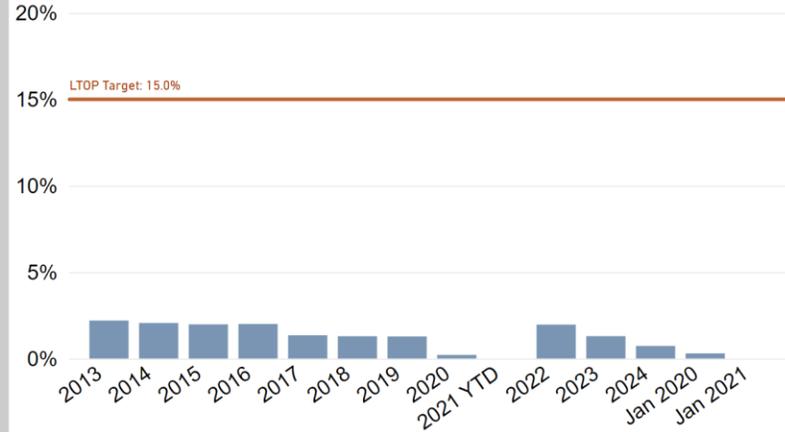
### Southern runway end impact (16L and 16R departures plus 34L and 34R arrivals)



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



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





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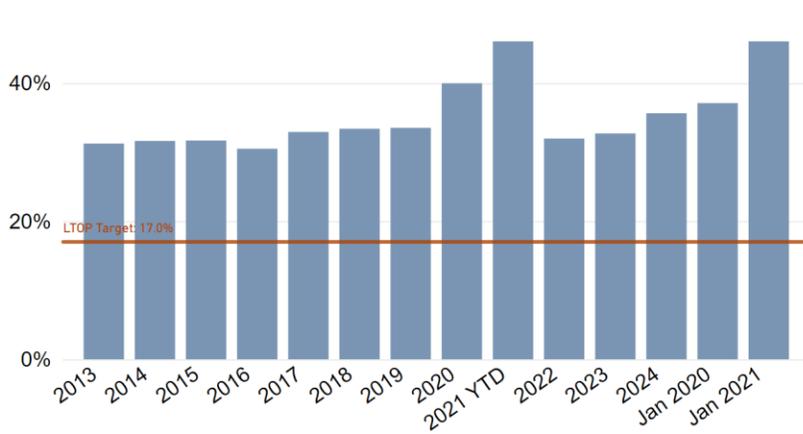
Jan-21



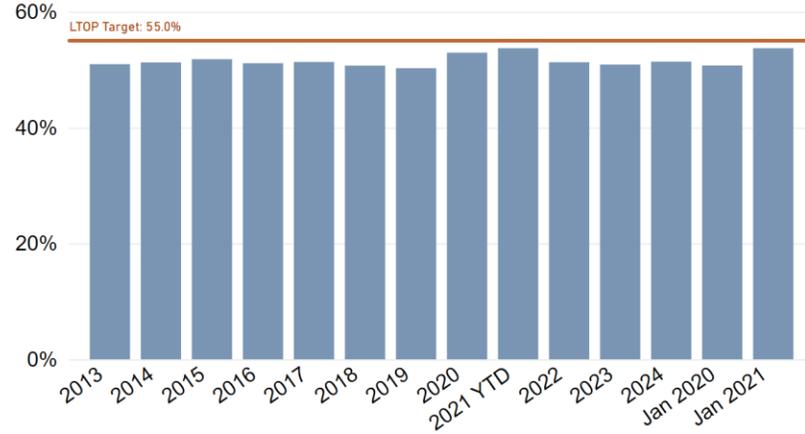
# LTOP Targets

January  
2021

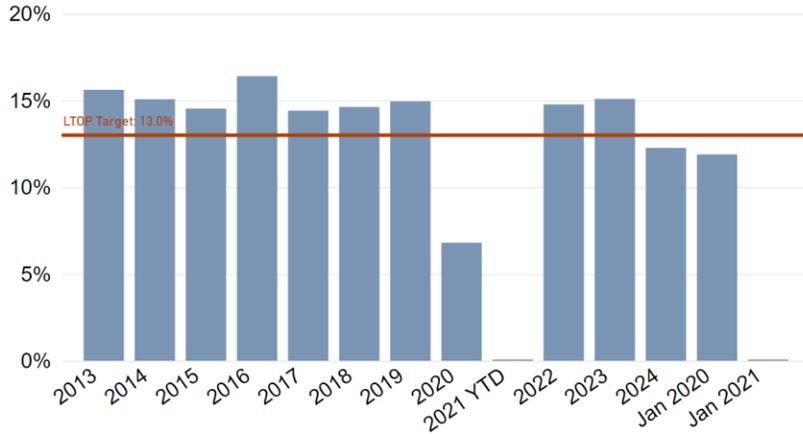
Northern runway end impact (16L and 16R arrivals plus 34L departures)



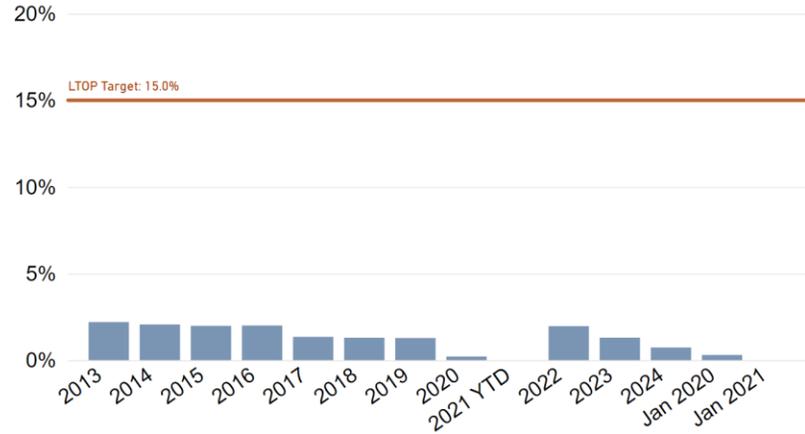
Southern runway end impact (16L and 16R departures plus 34L and 34R arrivals)



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



Western runway end impact (07 arrivals plus 25 departures)



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Jan-21

Select a type :

All

# Operations by direction

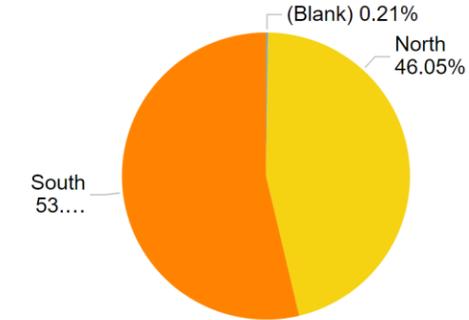
January  
2021

## Operations by day, direction and runway

Sector Date	East		North				South				Total			
	Total	34R D	Total	16L A	16R A	34L D	Total	16L D	16R D	34L A		34R A	Total	
1/1/2021	1	1			101		101		123			123	225	
1/2/2021	1	1			100	17	117		114	13		127	245	
1/3/2021						143	143		1	109	8	118	261	
1/4/2021					12	142	154		9	123		132	286	
1/5/2021					98		98		131	11		142	240	
1/6/2021	1	1		2	117		119		157	9		166	286	
1/7/2021	1	1		6	114		120	1	151	5		157	278	
1/8/2021	2	2		3	124		127		160	5		165	294	
1/9/2021	3	3			96		96		122	2		124	223	
1/10/2021						122	122		1	108		109	231	
1/11/2021						143	143		6	129	4	139	282	
1/12/2021						117	117		21	108		129	246	
1/13/2021			2	2			122	122	22	122		144	268	
1/14/2021					42	82	124		46	76		122	246	
1/15/2021			1	1	1	51	57	109	90	63	5	158	268	
1/16/2021					60	31	91		83	34		117	208	
1/17/2021	2	2			96	1	97	6	123	11		140	239	
1/18/2021						143	143		9	131		140	283	
1/19/2021	1	1			100		100		133	10		143	244	
1/20/2021	2	2			121		121		166	9		175	298	
1/21/2021						95	95	28	24	125		177	272	
1/22/2021						145	145		14	124	5	143	288	
1/23/2021					63	27	90	12	86	39	3	140	230	
1/24/2021					1	122	123		3	103	3	109	232	
1/25/2021						126	126		6	118		124	250	
1/26/2021					4	112	116		14	105		119	235	
1/27/2021	1	1		3	132		135		156	3		159	295	
1/28/2021	2	2			114		114		151	4		155	271	
1/29/2021				2	28	103	133	7	48	110	2	167	300	
1/30/2021						110	110		2	95		97	207	
1/31/2021					8	123	131		134			134	265	
<b>Total</b>	<b>7</b>	<b>17</b>	<b>3</b>	<b>3</b>	<b>25</b>	<b>1,697</b>	<b>1,960</b>	<b>3,682</b>	<b>54</b>	<b>2,306</b>	<b>1,904</b>	<b>30</b>	<b>4,294</b>	<b>7,996</b>

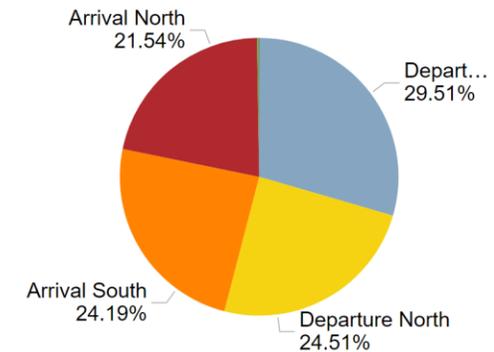
## Total operations by compass direction

● (Blank) ● East ● North ● South



## Arrivals/departures by direction

● Depart... ● Depart... ● Arrival ... ● Arrival ...



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Jan-21

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All

# Runway use summary

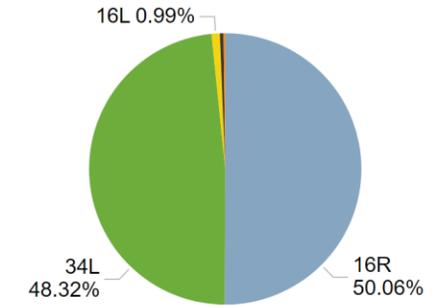
January  
2021

## Operations by day and runway

Runway Date	16L			16R			34L			34R			Total			
	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total				
1/1/2021		1	1				101	123	224				225			
1/2/2021		1	1				100	114	214	13	17	30	245			
1/3/2021								1	1	109	143	252	261			
1/4/2021							12	9	21	123	142	265	286			
1/5/2021							98	131	229	11		11	240			
1/6/2021		1	1	2		2	117	157	274	9		9	286			
1/7/2021		1	1	6	1	7	114	151	265	5		5	278			
1/8/2021		2	2	3		3	124	160	284	5		5	294			
1/9/2021		3	3				96	122	218	2		2	223			
1/10/2021								1	1	108	122	230	231			
1/11/2021								6	6	129	143	272	282			
1/12/2021								21	21	108	117	225	246			
1/13/2021								22	22	122	122	244	268			
1/14/2021							42	46	88	76	82	158	246			
1/15/2021				1		1	51	90	141	63	57	120	268			
1/16/2021							60	83	143	34	31	65	208			
1/17/2021		2	2		6	6	96	123	219	11	1	12	239			
1/18/2021								9	9	131	143	274	283			
1/19/2021		1	1				100	133	233	10		10	244			
1/20/2021		2	2				121	166	287	9		9	298			
1/21/2021					28	28		24	24	125	95	220	272			
1/22/2021								14	14	124	145	269	288			
1/23/2021					12	12	63	86	149	39	27	66	230			
1/24/2021								1	3	4	103	122	225	232		
1/25/2021								6	6	118	126	244	250			
1/26/2021								4	14	18	105	112	217	235		
1/27/2021	1		1	3		3	132	156	288	3		3	295			
1/28/2021		2	2				114	151	265	4		4	271			
1/29/2021				2	7	9	28	48	76	110	103	213	300			
1/30/2021								2	2	95	110	205	207			
1/31/2021				8		8	123	134	257				265			
<b>Total</b>	<b>1</b>	<b>16</b>	<b>17</b>	<b>25</b>	<b>54</b>	<b>79</b>	<b>1,697</b>	<b>2,306</b>	<b>4,003</b>	<b>1,904</b>	<b>1,960</b>	<b>3,864</b>	<b>30</b>	<b>3</b>	<b>33</b>	<b>7,996</b>

## Operations by runway

● 16R ● 34L ● 16L ● 34R ● (Blank)



[Click here for 'Help'](#) (?)

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# Hourly movement summary

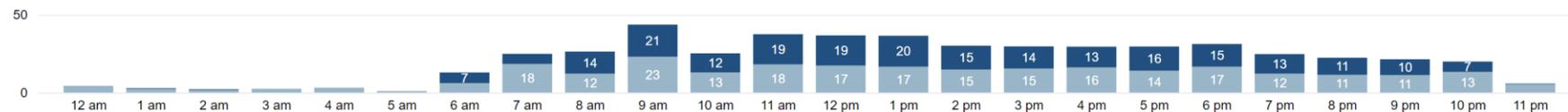
January 2021

## 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
1/1/2021	2	1	1		1		4	8	8	22	17	17	16	21	10	18	16	14	21	12	6	7	3		225
1/2/2021			3				7	11	15	24	13	23	24	22	19	10	16	13	13	7	11	7	7		245
1/3/2021							5	4	11	23	9	24	27	18	21	16	23	15	22	19	8	12	3	1	261
1/4/2021				2		1	3	21	11	25	13	27	17	24	16	19	13	16	22	14	12	8	14	8	286
1/5/2021	5	3	1	6	5		5	22	9	20	8	21	11	15	17	7	11	12	13	13	9	9	13	5	240
1/6/2021	3	4	1		4	4	10	20	15	26	10	17	16	14	19	13	18	10	18	11	10	18	17	8	286
1/7/2021	7	2	2	4	4	1	6	21	11	20	11	12	14	18	17	11	17	17	15	17	12	13	20	6	278
1/8/2021	5		3	5	5		6	18	11	25	15	24	20	20	15	20	20	21	20	17	11	9	3	1	294
1/9/2021		1					7	6	12	23	11	17	16	19	13	16	8	16	11	15	10	14	6	2	223
1/10/2021		1		1			7	3	15	22	10	16	22	26	14	10	14	20	11	15	11	9	4		231
1/11/2021		1	1			1	6	24	11	29	16	24	20	18	15	17	16	8	18	12	8	10	20	7	282
1/12/2021	5	2	6	6	2		6	16	17	16	18	15	17	14	12	6	13	9	12	6	11	11	18	8	246
1/13/2021	6	6	2	4	5		8	15	17	17	12	11	17	12	13	15	17	14	14	11	10	14	20	8	268
1/14/2021	6	2	4	4	3		5	16	11	17	12	12	15	16	9	8	15	15	11	15	10	13	22	5	246
1/15/2021	5	4		2	3	1	8	12	14	26	14	16	22	16	16	18	18	16	19	14	11	10	2	1	268
1/16/2021		1				1	6	7	16	21	20	17	15	16	13	13	8	10	15	6	7	9	7		208
1/17/2021							9	5	13	21	11	18	16	23	17	16	13	23	13	15	8	14	4		239
1/18/2021	1						4	24	11	29	12	24	21	24	13	23	13	8	19	13	6	11	15	12	283
1/19/2021	5	6	1	3	3	2	6	21	12	22	9	14	13	12	14	13	11	11	11	10	13	12	13	7	244
1/20/2021	8	4	2	2	6		9	21	16	24	9	22	25	14	13	19	19	14	10	12	9	17	15	8	298
1/21/2021	6	4	2	5	5	1	6	17	11	23	8	18	14	17	15	13	14	14	15	12	15	12	18	7	272
1/22/2021	6	4	2	1	8		3	18	10	26	16	20	22	17	16	23	18	17	22	13	10	12	4		288
1/23/2021		1	1				9	8	16	20	13	24	19	18	11	17	11	11	14	8	12	11	6		230
1/24/2021	1	1	1				6	5	11	20	11	17	18	20	15	13	17	15	18	10	13	9	10	1	232
1/25/2021					2		6	15	12	25	14	20	17	19	14	18	14	12	20	8	15	4	13	2	250
1/26/2021	5				2		6	17	8	23	15	15	14	13	17	17	15	12	18	7	16	9	5	1	235
1/27/2021					1		9	18	13	28	15	17	21	14	15	19	20	18	13	14	12	18	23	7	295
1/28/2021	7	1		1	4		8	21	15	18	12	16	11	13	16	15	13	18	16	13	15	11	16	11	271
1/29/2021	5	5	6	2	3		4	21	12	23	15	18	21	18	19	13	29	20	22	11	18	9	6		300
1/30/2021						1	7	10	14	15	15	17	13	16	13	13	8	11	10	14	12	5	13		207
1/31/2021							5	6	19	17	10	21	24	21	17	18	15	21	19	17	18	11	6		265
<b>Total</b>	<b>88</b>	<b>54</b>	<b>39</b>	<b>48</b>	<b>66</b>	<b>13</b>	<b>196</b>	<b>451</b>	<b>397</b>	<b>690</b>	<b>394</b>	<b>574</b>	<b>558</b>	<b>548</b>	<b>464</b>	<b>467</b>	<b>473</b>	<b>451</b>	<b>495</b>	<b>381</b>	<b>349</b>	<b>338</b>	<b>346</b>	<b>116</b>	<b>7,996</b>

## Average daily operations by hour of day

● Weekday ● Weekend



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# Mode utilization summary

January  
2021

## Duration of mode use

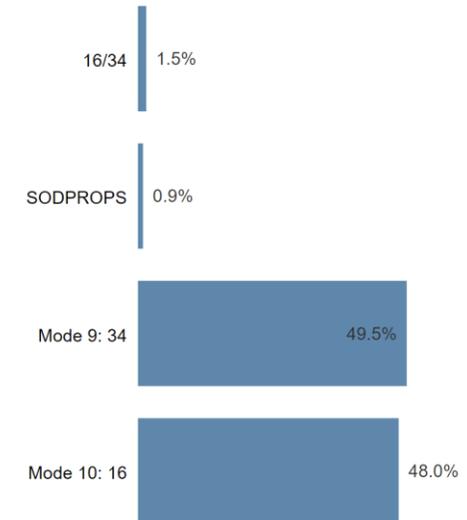
Date	Curfew	16/34	SODPROPS	Mode 5: 16/25	Mode 7: 25/34	Mode 9: 34	Mode 10: 16	Mode 12: 07	Mode 13: 25	Mode 14a: 16/07	Other	Total
1/1/2021	07:00	00:23					16:37					24:00
1/2/2021	07:00	00:30				02:46	13:44					24:00
1/3/2021	07:00	00:26				16:34						24:00
1/4/2021	07:00	00:20				15:53	00:47					24:00
1/5/2021	07:00	00:03					16:57					24:00
1/6/2021	07:00	00:22					16:38					24:00
1/7/2021	07:00	00:13					16:47					24:00
1/8/2021	07:00	00:26					16:34					24:00
1/9/2021	07:00	00:25					16:35					24:00
1/10/2021	07:00	00:20				16:40						24:00
1/11/2021	07:00	00:15				16:45						24:00
1/12/2021	07:00	00:10				16:50						24:00
1/13/2021	07:00	00:15				16:45						24:00
1/14/2021	07:00	00:11				12:14	04:35					24:00
1/15/2021	07:00	00:19				07:59	08:42					24:00
1/16/2021	07:00	00:03				07:27	09:30					24:00
1/17/2021	07:00	00:21	01:37			00:33	14:29					24:00
1/18/2021	07:00	00:19				16:41						24:00
1/19/2021	07:00	00:17					16:43					24:00
1/20/2021	07:00	00:12					16:48					24:00
1/21/2021	07:00	00:16	03:18			13:26						24:00
1/22/2021	07:00	00:16				16:44						24:00
1/23/2021	07:00	00:09				06:17	10:34					24:00
1/24/2021	07:00	00:13				16:47						24:00
1/25/2021	07:00	00:12				16:48						24:00
1/26/2021	07:00	00:20				15:02	01:38					24:00
1/27/2021	07:00						17:00					24:00
1/28/2021	07:00						17:00					24:00
1/29/2021	07:00	00:11				12:02	04:47					24:00
1/30/2021	07:00	00:19				16:41						24:00
1/31/2021	07:00	00:19					16:41					24:00
<b>Total</b>	<b>217:00</b>	<b>08:05</b>	<b>04:55</b>			<b>260:54</b>	<b>253:06</b>					<b>744:00</b>

Days with a mode used in excess of 9 hours

30      15      15  
Any Mode      Mode 9      Mode 10

2      1  
At any time      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	0.8%	0.8%			48.9%	49.5%			
Time	1.5%	0.9%			49.5%	48.0%			

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# Runway 16 Precision Runway Monitor operations

January  
2021

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'](#)

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# Runway 34 departures maintaining heading

January  
2021

1,960

Flights departing from runway 34L

54

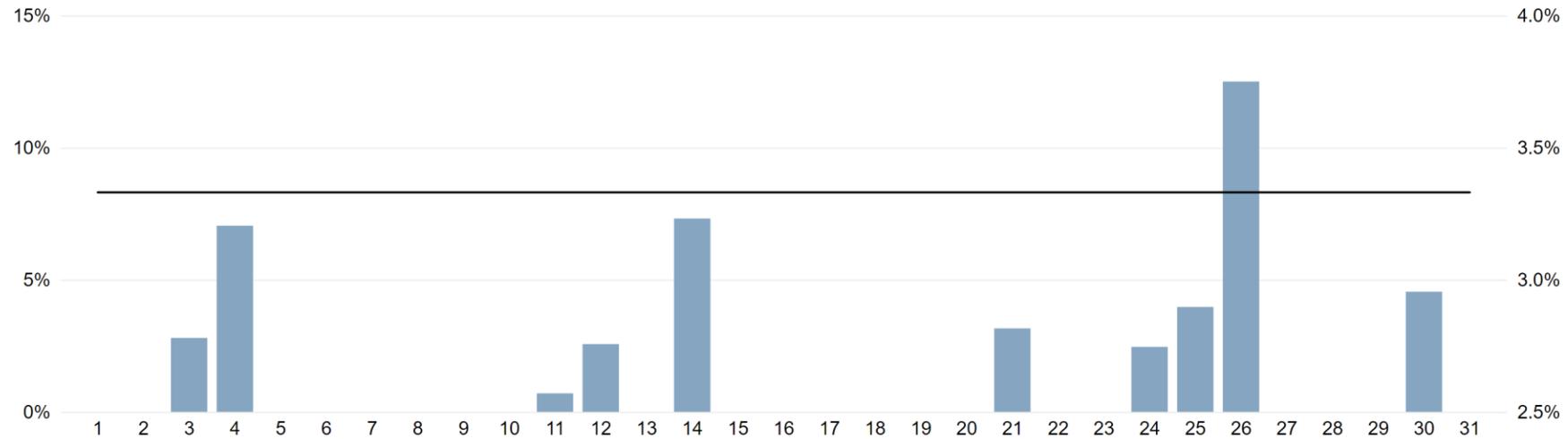
Flights maintaining runway heading

2.76%

34L departures maintaining runway heading

34L departures maintaining runway heading by day of month

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



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Jan-21

# Noise sharing during non-peak hours

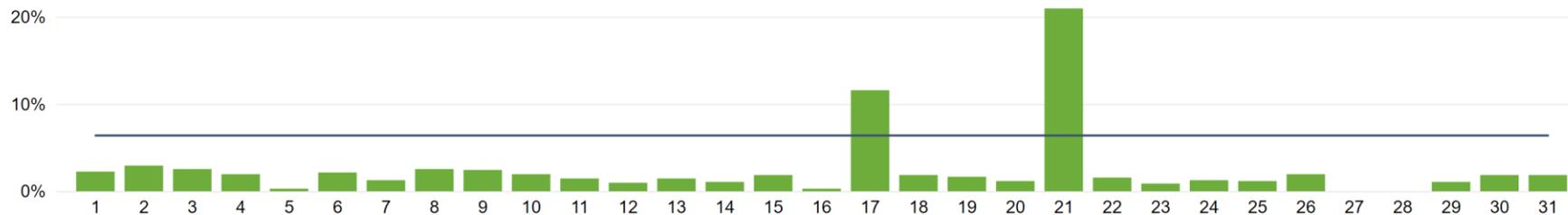
January 2021

Noise sharing time by month



By day

● Noise Sharing Time — Average last 13 months

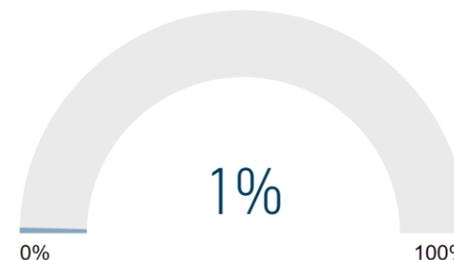


By hour

● 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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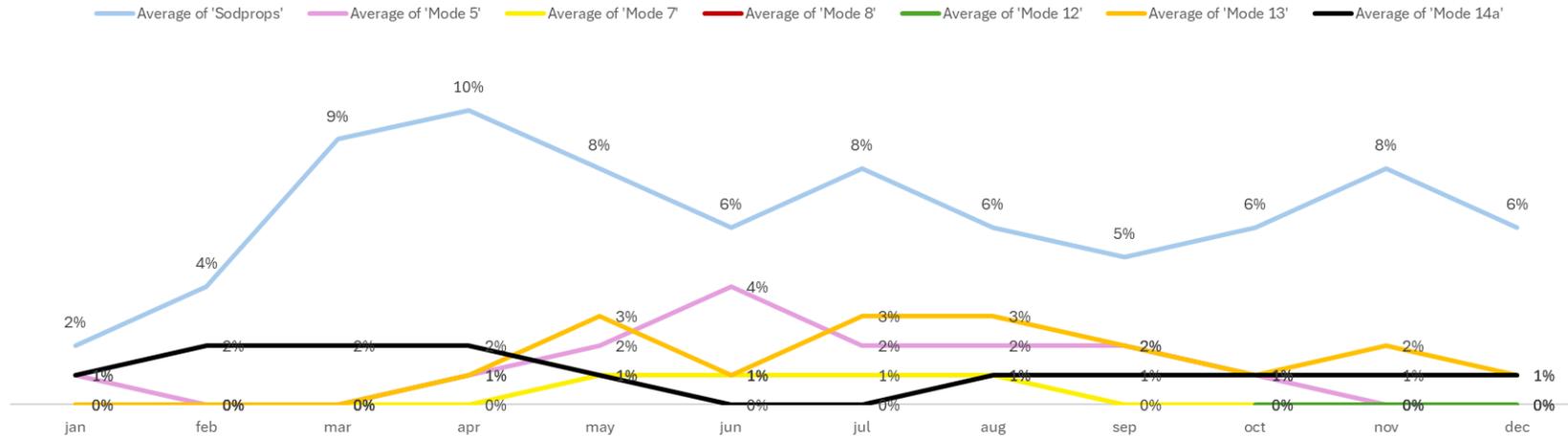
34L departures

Noise sharing

Seasonal mode

## 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

