

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 :

Mar-21

# Summary (Preview)

March  
2021

Preview

---

LTOP

---

Mode Usage

### Total Runway Movements

2021		2020	
<b>Mar-21</b>	<b>Feb-21</b>	<b>Mar-20</b>	<b>Feb-20</b>
17,639 Total	11,373 Total	21,504 Total	25,451 Total
569 Daily Avg	406 Daily Avg	694 Daily Avg	878 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	Mar-21	Feb-21
North	17%	▲ 37.18%	▼ 42.23%
South	55%	▼ 52.84%	▼ 55.68%
East	13%	▼ 9.85%	▲ 1.94%
West	15%	▼ 0.00%	0.00%

▲ LTOP Target VS Mar-21      ▼▲ Mar-21 VS Feb-21

### Mode Utilization

Number of days individual mode used in excess of 9 hours

31

Airport Mode	Days
Mode 10	18
Mode 9	13

2.62%

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)

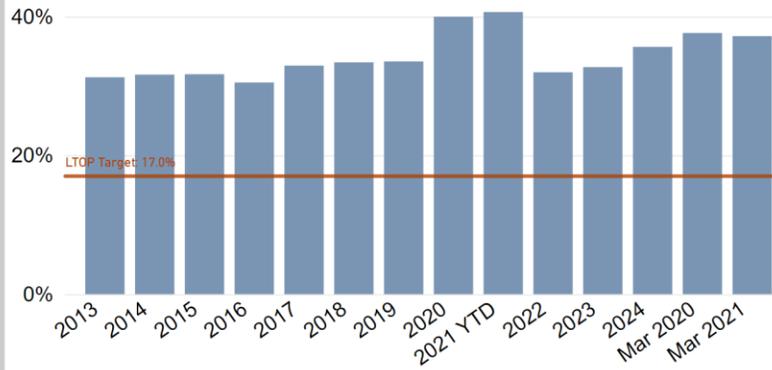
March 2021

Preview

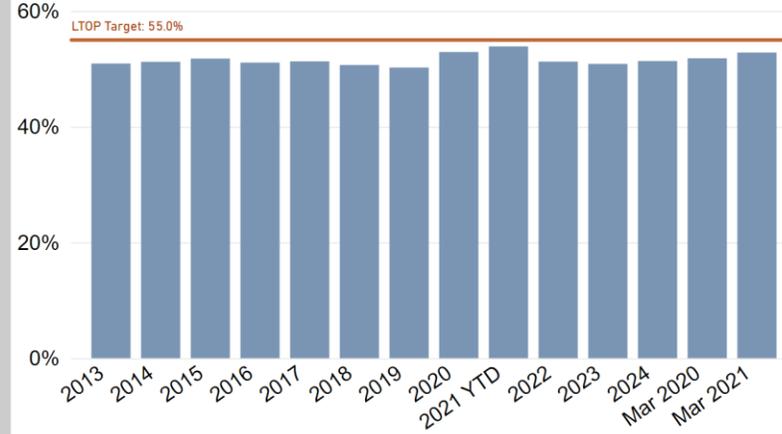
LTOP

Mode Usage

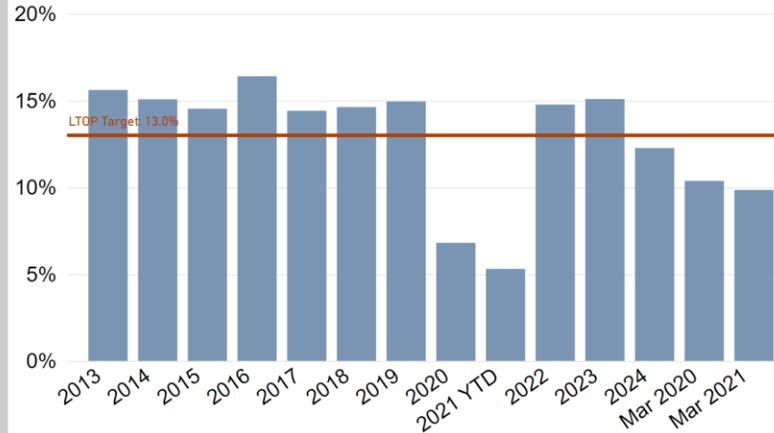
### Northern runway end impact (16L and 16R arrivals plus 34L departures)



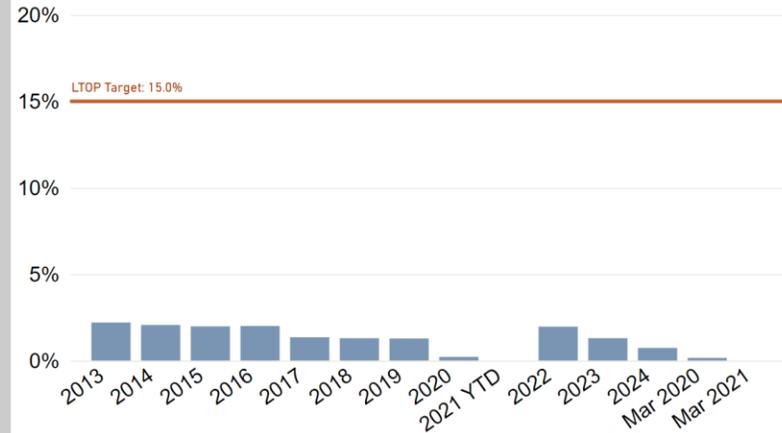
### Southern runway end impact (16L and 16R departures plus 34L and 34R arrivals)



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



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



Select a page :

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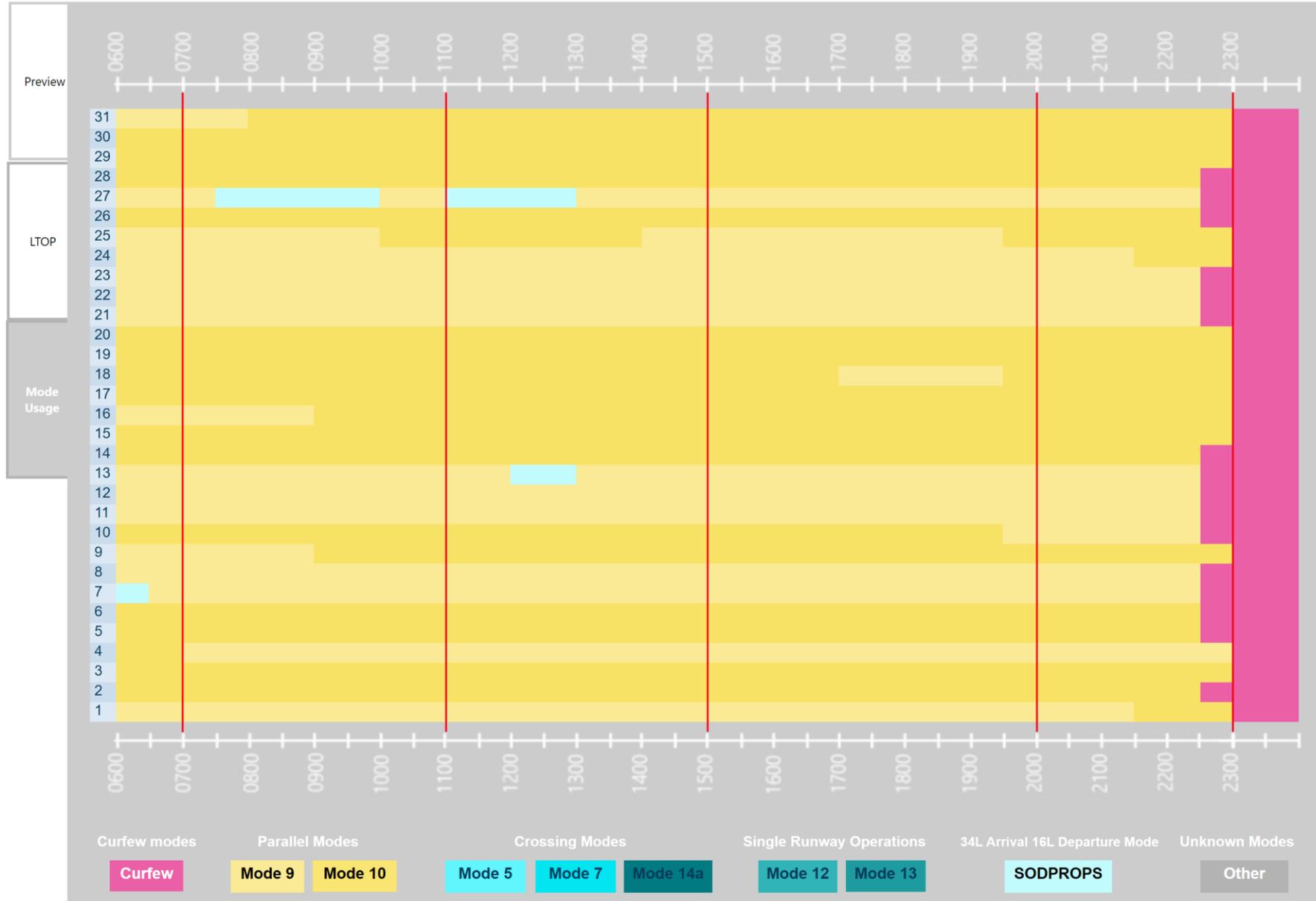
Select a month :

Mar-21



# Summary (Mode Usage)

March  
2021



Select a page :

Summary

**LTOP targets**

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Select a month :

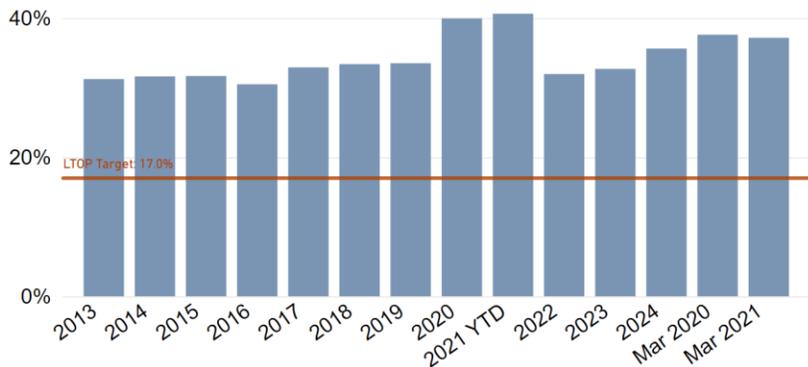
Mar-21



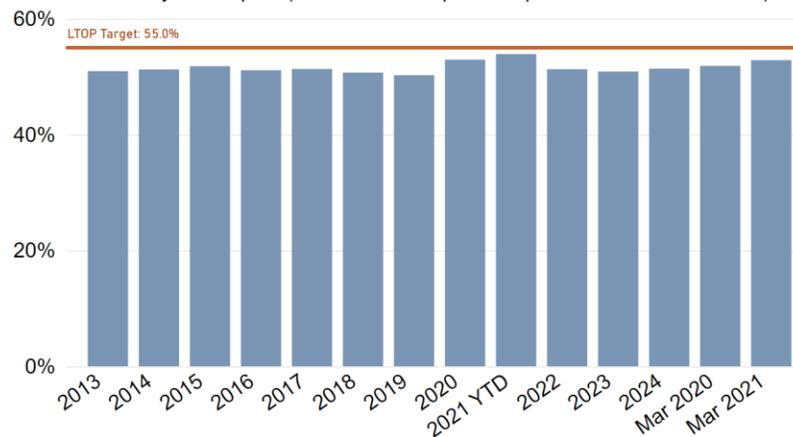
# LTOP Targets

March 2021

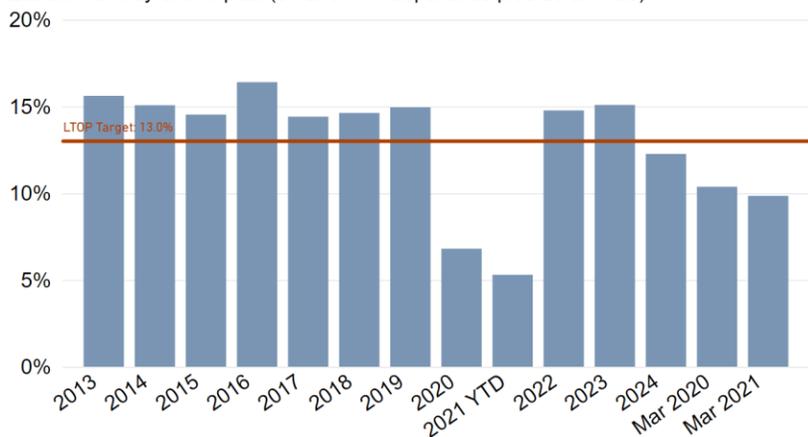
Northern runway end impact (16L and 16R arrivals plus 34L departures)



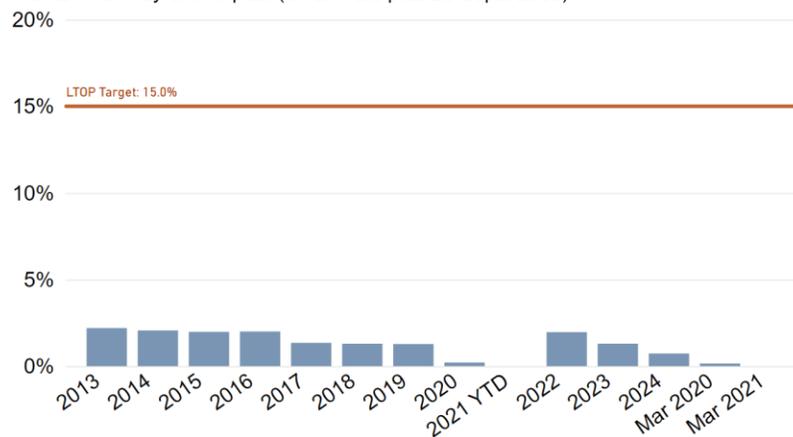
Southern runway end impact (16L and 16R departures plus 34L and 34R arrivals)



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



Western runway end impact (07 arrivals plus 25 departures)



[Click here for 'Help'](#)

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Select a month :

Mar-21

Select a type :

All

# Operations by direction

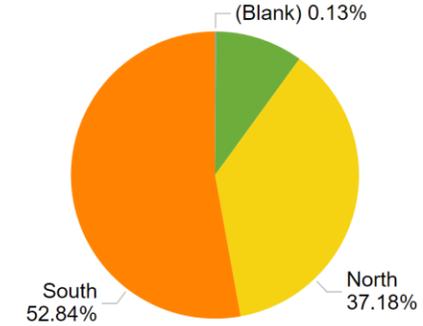
March 2021

## Operations by day, direction and runway

Sector	Date	Total	East		North			South				Total		
			34R D	Total	16L A	16R A	34L D	Total	16L D	16R D	34L A		34R A	
3/1/2021	1	1	120	120		18	153	171		26	167	55	248	540
3/2/2021	2	2			29	190		219	48	232	2		282	503
3/3/2021	3	3			53	180		233	88	216	10		314	550
3/4/2021			112	112		5	195	200		28	215	47	290	602
3/5/2021	1	1			51	212		263	66	266	6		338	602
3/6/2021	2	2			25	175		200	25	213	1		239	441
3/7/2021			81	81	1		199	200	2	1	179	33	215	496
3/8/2021	1	1	159	159			154	154		10	220	62	292	606
3/9/2021	1	1	23	23	53	150	27	230	67	177	33	8	285	539
3/10/2021					51	152	33	236	80	213	59		352	588
3/11/2021			119	119			188	188		21	211	53	285	592
3/12/2021			163	163		7	153	160		15	200	66	281	604
3/13/2021			112	112			117	117	9		156	39	204	433
3/14/2021	1	1			56	172		228	75	203			278	507
3/15/2021	1	1			60	209		269	74	266	5		345	615
3/16/2021			33	33	27	175	27	229	48	221	40	10	319	581
3/17/2021	3	3			72	184		256	103	226	11		340	599
3/18/2021	1	1	31	31	38	169	17	224	72	193	48	21	334	590
3/19/2021	1	1			66	216		282	92	262	7		361	644
3/20/2021	1	1			33	163		196	56	183			239	436
3/21/2021			117	117			162	162		2	196	35	233	512
3/22/2021			156	156			160	160		8	206	61	275	591
3/23/2021			171	171			115	115		15	188	52	255	541
3/24/2021			130	130		11	175	186		31	210	52	293	609
3/25/2021	1	1	126	126	27	95	72	194	58	89	113	46	306	627
3/26/2021	1	1			99	184		283	155	220	9		384	668
3/27/2021			67	67			108	108	77	6	184	33	300	475
3/28/2021	1	1			37	204		241	49	275	2		326	568
3/29/2021					84	222		306	114	267	2		383	689
3/30/2021					59	216		275	84	267	5		356	631
3/31/2021	1	1	17	17	87	169	17	273	126	202	31	10	369	660
<b>Total</b>	<b>3</b>	<b>23</b>	<b>1,737</b>	<b>1,737</b>	<b>1,008</b>	<b>3,478</b>	<b>2,072</b>	<b>6,558</b>	<b>1,568</b>	<b>4,354</b>	<b>2,716</b>	<b>683</b>	<b>9,321</b>	<b>17,639</b>

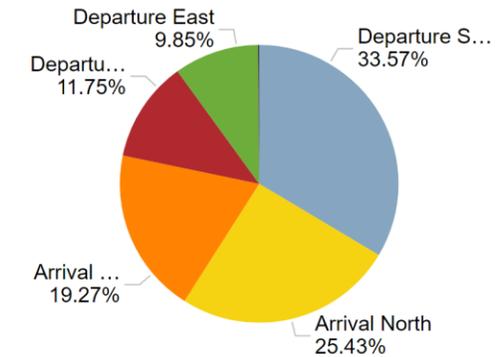
## Total operations by compass direction

(Blank) East North South



## Arrivals/departures by direction

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



Click here for 'Help' ?

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Mar-21

Select a type :

All

# Runway use summary

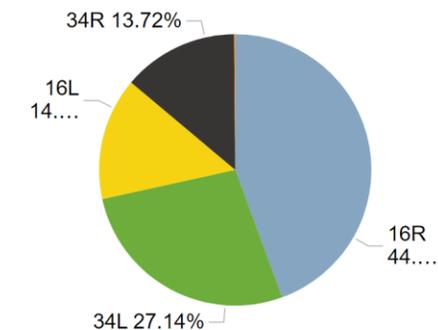
March 2021

Operations by day and runway

Runway	16L		16R		34L		34R		Total						
Date	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	Total
3/1/2021	1	1				18	26	44	167	153	320	55	120	175	540
3/2/2021	2	2	29	48	77	190	232	422	2		2				503
3/3/2021	3	3	53	88	141	180	216	396	10		10				550
3/4/2021						5	28	33	215	195	410	47	112	159	602
3/5/2021	1	1	51	66	117	212	266	478	6		6				602
3/6/2021	2	2	25	25	50	175	213	388	1		1				441
3/7/2021			1	2	3		1	1	179	199	378	33	81	114	496
3/8/2021	1	1					10	10	220	154	374	62	159	221	606
3/9/2021	1	1	53	67	120	150	177	327	33	27	60	8	23	31	539
3/10/2021			51	80	131	152	213	365	59	33	92				588
3/11/2021							21	21	211	188	399	53	119	172	592
3/12/2021						7	15	22	200	153	353	66	163	229	604
3/13/2021				9	9				156	117	273	39	112	151	433
3/14/2021	1	1	56	75	131	172	203	375							507
3/15/2021	1	1	60	74	134	209	266	475	5		5				615
3/16/2021			27	48	75	175	221	396	40	27	67	10	33	43	581
3/17/2021	3	3	72	103	175	184	226	410	11		11				599
3/18/2021	1	1	38	72	110	169	193	362	48	17	65	21	31	52	590
3/19/2021	1	1	66	92	158	216	262	478	7		7				644
3/20/2021	1	1	33	56	89	163	183	346							436
3/21/2021							2	2	196	162	358	35	117	152	512
3/22/2021							8	8	206	160	366	61	156	217	591
3/23/2021							15	15	188	115	303	52	171	223	541
3/24/2021						11	31	42	210	175	385	52	130	182	609
3/25/2021	1	1	27	58	85	95	89	184	113	72	185	46	126	172	627
3/26/2021	1	1	99	155	254	184	220	404	9		9				668
3/27/2021				77	77		6	6	184	108	292	33	67	100	475
3/28/2021	1	1	37	49	86	204	275	479	2		2				568
3/29/2021			84	114	198	222	267	489	2		2				689
3/30/2021			59	84	143	216	267	483	5		5				631
3/31/2021	1	1	87	126	213	169	202	371	31	17	48	10	17	27	660
<b>Total</b>	<b>23</b>	<b>23</b>	<b>1,008</b>	<b>1,568</b>	<b>2,576</b>	<b>3,478</b>	<b>4,354</b>	<b>7,832</b>	<b>2,716</b>	<b>2,072</b>	<b>4,788</b>	<b>683</b>	<b>1,737</b>	<b>2,420</b>	<b>17,639</b>

Operations by runway

● 16R ● 34L ● 16L ● 34R ● (Blank)



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Select a month :

Select a type :

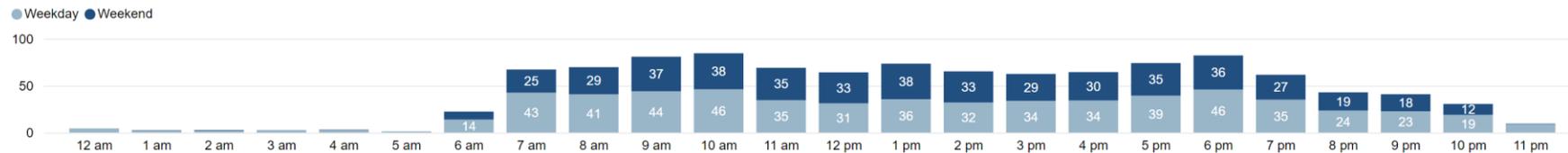
# Hourly movement summary

March  
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
3/1/2021	1						8	43	37	43	47	36	26	41	31	27	34	28	40	27	21	19	22	9	540
3/2/2021	4	2		1	1	2	15	38	33	39	41	28	26	30	28	26	32	28	39	28	17	17	20	8	503
3/3/2021	4	3	4	6	3	1	15	44	43	39	46	22	27	33	24	27	36	33	43	29	18	19	18	13	550
3/4/2021	2	1	4	3	6		11	42	37	43	40	32	34	39	31	40	32	40	52	36	24	19	19	15	602
3/5/2021	3	2	1	4	4	3	12	44	41	44	46	35	31	38	43	38	38	39	43	39	24	21	8	1	602
3/6/2021			2		2		11	30	35	38	46	35	28	37	33	19	27	27	21	14	8	22	5	1	441
3/7/2021		1	1		1		4	16	27	32	36	33	37	39	33	30	30	41	42	34	32	15	11	1	496
3/8/2021	1		2				14	40	44	42	51	33	36	40	36	30	39	34	44	34	28	25	20	13	606
3/9/2021	6	3		5	2		13	37	36	45	40	29	25	32	33	24	35	38	48	29	18	19	13	9	539
3/10/2021	7	2	2	4	2	4	16	41	38	50	40	27	28	35	28	32	35	44	46	32	20	24	16	15	588
3/11/2021	5	2	3	5	4	1	12	35	40	40	40	39	34	34	31	29	35	42	44	35	27	24	21	10	592
3/12/2021	7	3		6	1		16	42	44	36	55	33	36	43	37	31	34	12	28	24	38	44	27	7	604
3/13/2021							10	26	26	36	49	34	28	45	29	24	30	24	22	17	11	11	11		433
3/14/2021		1					6	18	27	34	23	37	34	40	32	32	35	40	43	44	33	16	11	1	507
3/15/2021							15	45	45	48	55	32	29	41	35	38	38	37	44	38	25	20	19	11	615
3/16/2021	4	4	2	2	2	3	17	46	38	47	51	32	30	31	29	30	37	35	43	38	19	14	18	9	581
3/17/2021	8	4	2	5	5		18	48	44	50	45	33	29	35	27	32	34	37	48	31	19	17	18	10	599
3/18/2021	5	3	5	4	5		14	40	35	36	47	33	33	34	29	31	33	34	46	32	30	25	24	12	590
3/19/2021	6	2	5		5	4	15	45	43	46	49	37	41	36	35	37	30	50	53	46	23	23	13		644
3/20/2021							9	32	31	42	38	36	30	30	38	23	26	21	31	14	6	18	11		436
3/21/2021							5	16	27	38	31	27	32	34	35	35	38	36	54	36	26	26	16		512
3/22/2021							12	39	35	50	49	42	29	32	29	43	34	37	48	40	24	21	19	8	591
3/23/2021	6	1	1	1	4		16	35	32	43	45	26	30	34	29	33	24	32	45	35	18	22	20	9	541
3/24/2021	5	5	2	5		3	12	37	44	51	46	29	38	38	31	31	35	48	46	32	21	20	19	11	609
3/25/2021	5	6	5	3	5	2	13	41	40	46	41	34	28	42	28	43	34	43	50	35	25	25	24	9	627
3/26/2021	7	3	4	6	3		11	51	44	34	56	42	34	44	34	40	43	55	49	43	24	27	14		668
3/27/2021		1			1		12	36	35	37	47	37	32	39	24	32	21	31	29	14	14	18	14	1	475
3/28/2021			2				11	23	23	38	37	37	43	39	41	34	35	58	49	39	25	20	14		568
3/29/2021	1						18	51	46	53	54	52	32	32	40	42	35	57	50	44	23	26	26	7	689
3/30/2021	6	1	2	2	1	2	11	50	49	39	44	45	30	26	38	40	26	49	51	37	25	26	22	9	631
3/31/2021	9	3	2	2	5	4	15	46	52	48	34	44	32	29	33	36	34	53	55	44	30	24	15	11	660
<b>Total</b>	<b>102</b>	<b>53</b>	<b>51</b>	<b>64</b>	<b>62</b>	<b>29</b>	<b>387</b>	<b>1,177</b>	<b>1,171</b>	<b>1,307</b>	<b>1,369</b>	<b>1,071</b>	<b>982</b>	<b>1,122</b>	<b>1,004</b>	<b>1,009</b>	<b>1,029</b>	<b>1,183</b>	<b>1,346</b>	<b>1,020</b>	<b>696</b>	<b>667</b>	<b>528</b>	<b>210</b>	<b>17,639</b>

## Average daily operations by hour of day



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# Mode utilization summary

March  
2021

Duration of mode use

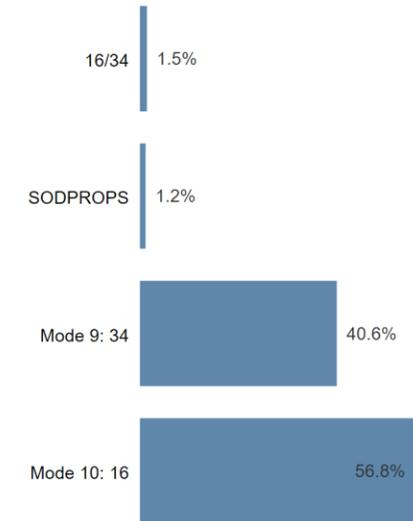
Date	Curfew	16/34	SODPROPS	Mode 5: 16/25	Mode 7: 25/34	Mode 9: 34	Mode 10: 16	Mode 12: 07	Mode 13: 25	Mode 14a: 16/07	Other	Total
3/1/2021	07:00	00:15				15:26	01:19					24:00
3/2/2021	07:00	00:18					16:42					24:00
3/3/2021	07:00	00:04					16:56					24:00
3/4/2021	07:00	00:08				16:00	00:52					24:00
3/5/2021	07:00	00:32					16:28					24:00
3/6/2021	07:00	00:20					16:40					24:00
3/7/2021	07:00	00:28	00:25			16:07						24:00
3/8/2021	07:00	00:20				16:40						24:00
3/9/2021	07:00	00:15				02:55	13:50					24:00
3/10/2021	07:00	00:20				03:16	13:24					24:00
3/11/2021	07:00	00:23				16:37						24:00
3/12/2021	07:00	00:18				16:42						24:00
3/13/2021	07:00	00:22	01:06			15:27	00:05					24:00
3/14/2021	07:00	00:21					16:39					24:00
3/15/2021	07:00						17:00					24:00
3/16/2021	07:00	00:07				03:01	13:52					24:00
3/17/2021	07:00	00:15					16:45					24:00
3/18/2021	07:00	00:09				02:50	14:01					24:00
3/19/2021	07:00						17:00					24:00
3/20/2021	07:00						17:00					24:00
3/21/2021	07:00	00:16				16:44						24:00
3/22/2021	07:00	00:28				16:32						24:00
3/23/2021	07:00	00:18				16:42						24:00
3/24/2021	07:00					15:37	01:23					24:00
3/25/2021	07:00					09:21	07:39					24:00
3/26/2021	07:00	00:23					16:37					24:00
3/27/2021	07:00	00:22	04:37			12:01						24:00
3/28/2021	07:00	00:29					16:31					24:00
3/29/2021	07:00	00:01					16:59					24:00
3/30/2021	07:00	00:14					16:46					24:00
3/31/2021	07:00	00:13				02:04	14:43					24:00
<b>Total</b>	<b>217:00</b>	<b>07:39</b>	<b>06:08</b>			<b>214:01</b>	<b>299:12</b>					<b>744:00</b>

Days with a mode used in excess of 9 hours

<b>31</b>	<b>13</b>	<b>18</b>
Any Mode	Mode 9	Mode 10

<b>3</b>	<b>1</b>
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	0.6%	0.9%			37.1%	61.4%			
Time	1.5%	1.0%			39.1%	58.3%			

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Mode usage

PRM operations

34L departures

Noise sharing

Seasonal mode

Select a month :

Mar-21



# Runway 16 Precision Runway Monitor operations

March  
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

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Select a month :

Mar-21

# Runway 34 departures maintaining heading

March  
2021

2,072

Flights departing from runway 34L

54

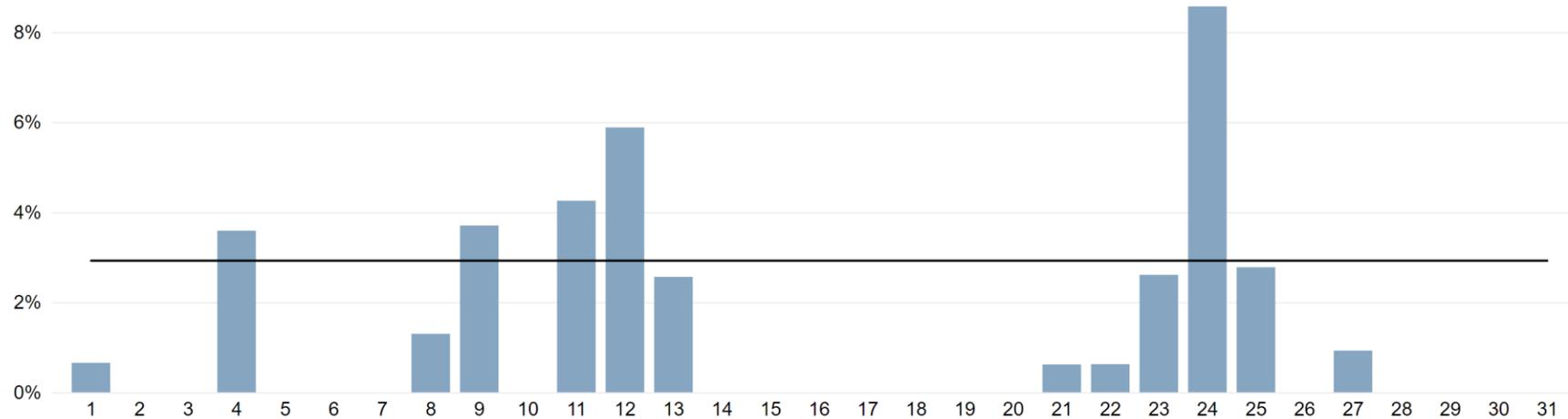
Flights maintaining runway heading

2.61%

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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# Noise sharing during non-peak hours

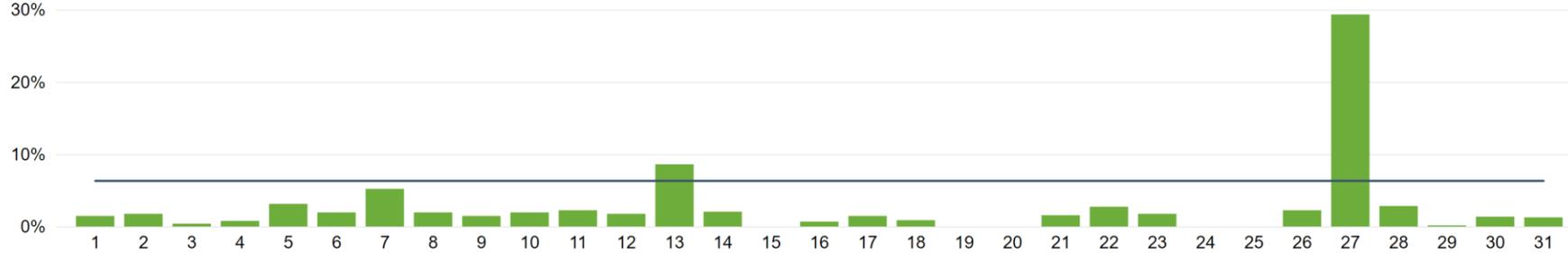
March 2021

Noise sharing time by month



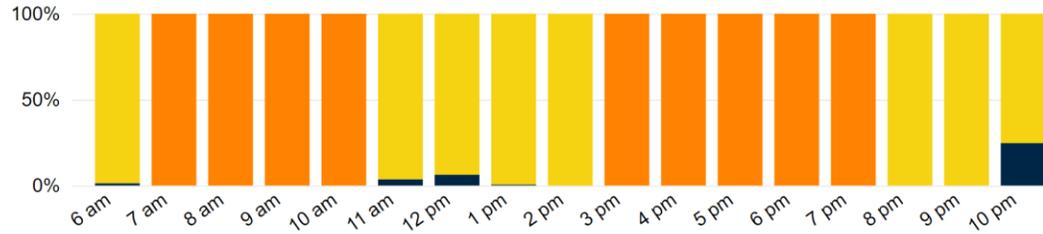
By day

● Noise Sharing Time — Average last 13 months

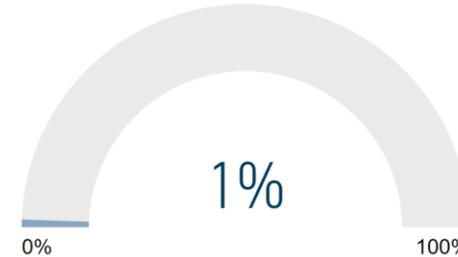


By hour

● Time spent ● Non-peak periods ● Peak periods



Flights during noise sharing



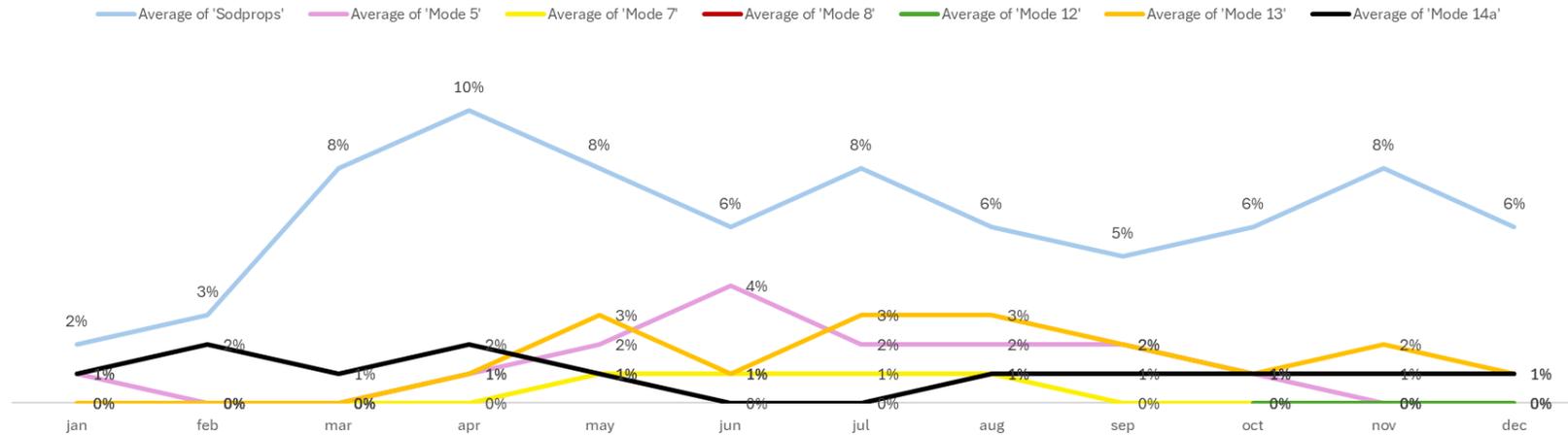
**Note :**

- 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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## 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

