

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 :

Nov-19

# Summary (Preview)

November  
2019

Preview

---

LTOP

---

Mode Usage

### Total Runway Movements

2019		2018	
<b>Nov-19</b>	<b>Oct-19</b>	<b>Nov-18</b>	<b>Oct-18</b>
27,903 Total	29,357 Total	27,860 Total	29,417 Total
930 Daily Avg	947 Daily Avg	929 Daily Avg	949 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	Nov-19	Oct-19
North	17%	▲ 32.53%	▲ 32.50%
South	55%	▼ 49.86%	▼ 50.28%
East	13%	▲ 16.14%	▲ 15.83%
West	15%	▼ 1.47%	▲ 1.39%

▲ ▼ LTOP Target VS Nov-19     
 ▼ ▲ Nov-19 VS Oct-19

### Mode Utilization

Number of days individual mode used in excess of 9 hours

29

Airport Mode	Days
Mode 9	18
Mode 10	11

6.21%

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

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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Nov-19



# Summary (LTOP)

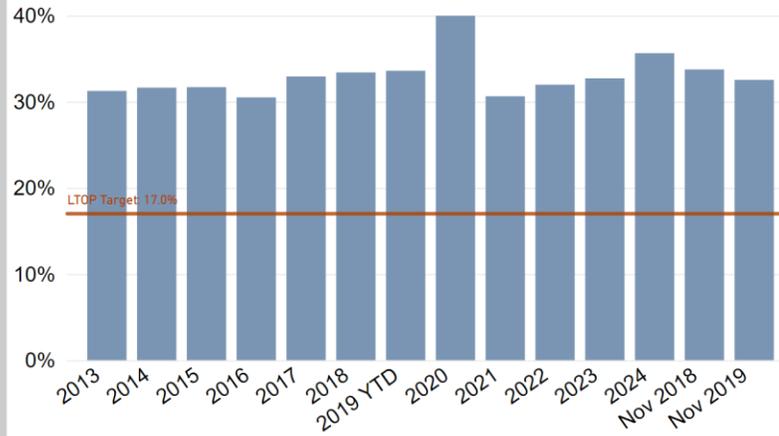
November 2019

Preview

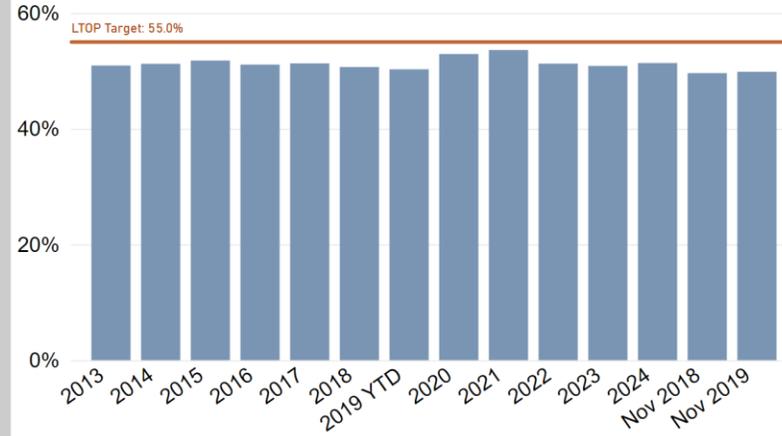
LTOP

Mode Usage

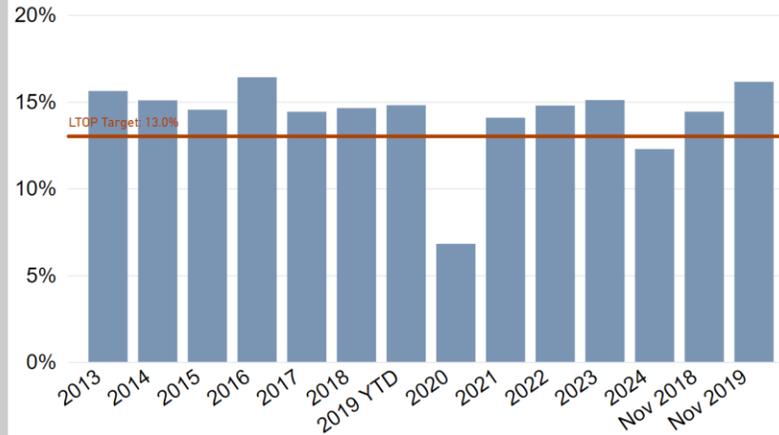
### Northern runway end impact (16L and 16R arrivals plus 34L departures)



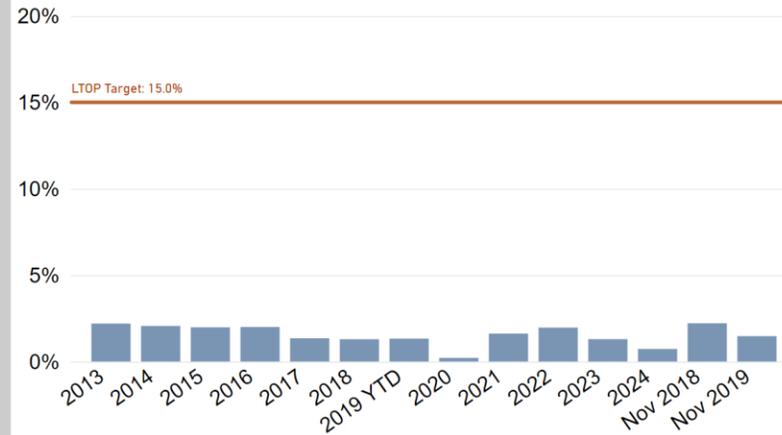
### Southern runway end impact (16L and 16R departures plus 34L and 34R arrivals)



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



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





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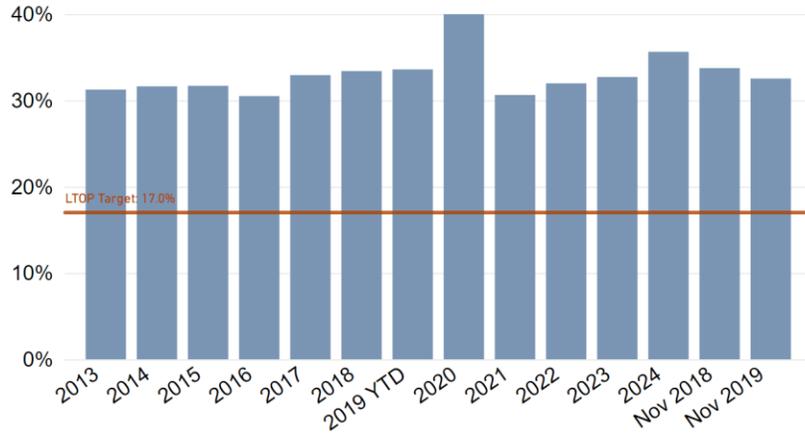
Select a month :

Nov-19

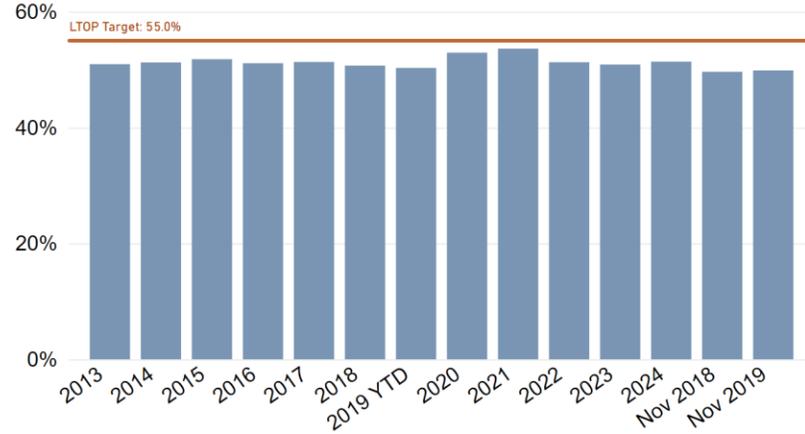
# LTOP Targets

November 2019

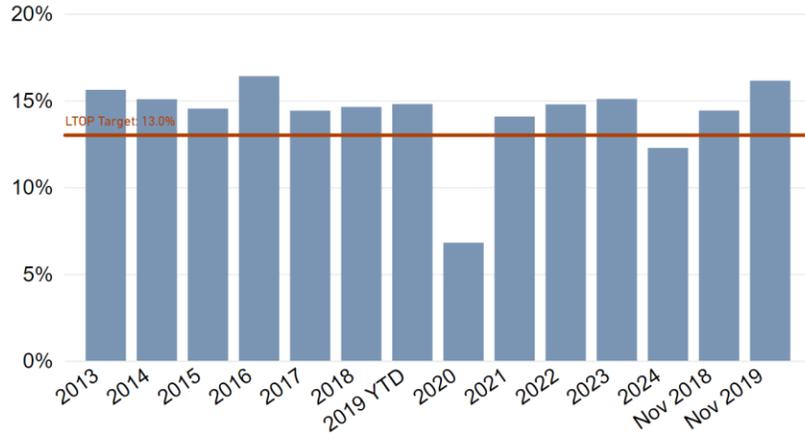
Northern runway end impact (16L and 16R arrivals plus 34L departures)



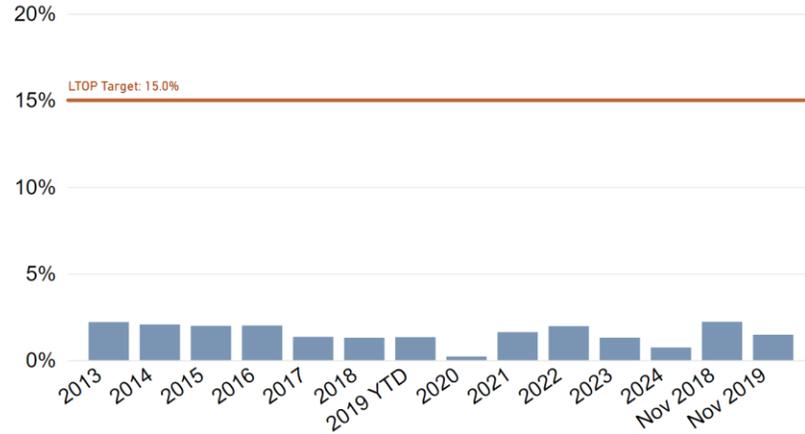
Southern runway end impact (16L and 16R departures plus 34L and 34R arrivals)



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



Western runway end impact (07 arrivals plus 25 departures)



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Select a type :

All

# Operations by direction

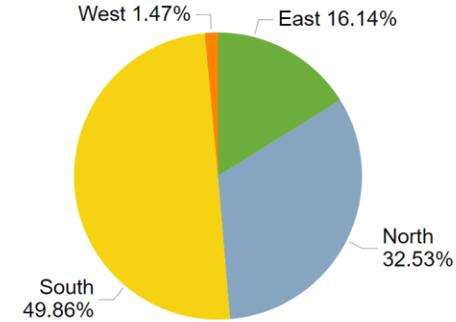
November 2019

Operations by day, direction and runway

Sector	East				North				South				West			Total	
	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
11/1/2019			282	282			228	228		6	302	212	520			1,030	
11/2/2019	13		175	188			169	169		1	261	109	371	18	18	740	
11/3/2019		1	233	234			196	196		6	287	122	415			840	
11/4/2019			74	74	112	202	69	383	137	183	117	39	476			930	
11/5/2019					172	255		427	129	307	7		443			870	
11/6/2019			268	268			214	214		9	299	185	493			970	
11/7/2019			177	177	76	81	136	293	50	143	205	144	542	1	1	1,010	
11/8/2019		205	123	328	17	24	109	150	6	44	132	95	277		194	940	
11/9/2019					127	201	20	348	124	221	30		375	31	31	750	
11/10/2019					138	214	14	366	198	241	78		517			880	
11/11/2019			260	260			223	223		5	293	195	493	1	1	970	
11/12/2019		89	133	222	52	58	124	234	21	83	170	105	379		102	930	
11/13/2019			176	176	80	93	112	285	84	134	207	118	543			1,000	
11/14/2019			124	124	89	128	149	366	97	134	179	105	515	1	1	1,000	
11/15/2019			271	271	6	17	219	242	6	29	293	204	532			1,040	
11/16/2019					158	237		395	127	241	1		369	1	1	760	
11/17/2019					167	257		424	140	316	1		457	1	1	880	
11/18/2019			279	279		1	211	212		4	297	205	506			990	
11/19/2019			200	200	39	62	169	270	43	71	229	148	491			960	
11/20/2019					197	293		490	199	304	6		509			990	
11/21/2019			262	262			213	213		17	285	214	516	2	2	990	
11/22/2019					214	263		477	240	253	10		503	9	9	980	
11/23/2019					160	237		397	124	253	3		380			770	
11/24/2019					175	254		429	164	293			457	1	1	880	
11/25/2019		1	216	217	19	24	181	224	17	29	259	160	465			900	
11/26/2019		49	178	227	44	72	139	255	34	92	178	129	433		46	960	
11/27/2019			147	147	90	135	108	333	109	140	182	91	522			1,000	
11/28/2019			285	285			213	213		13	303	205	521			1,010	
11/29/2019			282	282			225	225		12	296	217	525			1,030	
11/30/2019					153	244		397	110	255	2		367	1	1	760	
<b>Total</b>	<b>13</b>	<b>345</b>	<b>4,145</b>	<b>4,503</b>	<b>2,285</b>	<b>3,352</b>	<b>3,441</b>	<b>9,078</b>	<b>2,159</b>	<b>3,839</b>	<b>4,912</b>	<b>3,002</b>	<b>13,912</b>	<b>67</b>	<b>343</b>	<b>410</b>	<b>27,900</b>

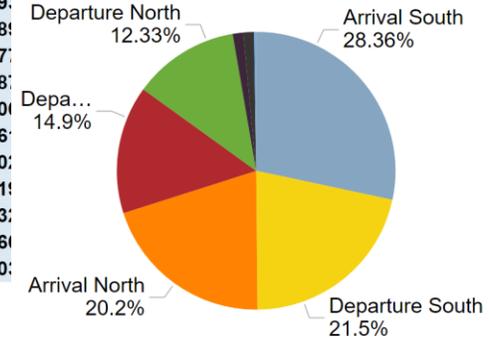
Total operations by compass direction

● East ● North ● South ● West



Arrivals/departures by direction

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



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Nov-19

Select a type :

All

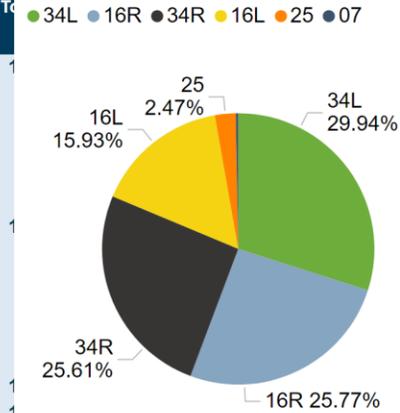
# Runway use summary

November  
2019

Operations by day and runway

Runway Date	07			16L			16R			25			34L			34R			Total
	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	
11/1/2019								6	6				302	228	530	212	282	494	
11/2/2019	18	13	31					1	1				261	169	430	109	175	284	
11/3/2019								6	6	1		1	287	196	483	122	233	355	
11/4/2019				112	137	249	202	183	385				117	69	186	39	74	113	
11/5/2019				172	129	301	255	307	562				7		7				
11/6/2019								9	9				299	214	513	185	268	453	
11/7/2019	1		1	76	50	126	81	143	224				205	136	341	144	177	321	
11/8/2019				17	6	23	24	44	68	205	194	399	132	109	241	95	123	218	
11/9/2019	31		31	127	124	251	201	221	422				30	20	50				
11/10/2019				138	198	336	214	241	455				78	14	92				
11/11/2019	1		1					5	5				293	223	516	195	260	455	
11/12/2019				52	21	73	58	83	141	89	102	191	170	124	294	105	133	238	
11/13/2019				80	84	164	93	134	227				207	112	319	118	176	294	
11/14/2019	1		1	89	97	186	128	134	262				179	149	328	105	124	229	
11/15/2019				6	6	12	17	29	46				293	219	512	204	271	475	
11/16/2019	1		1	158	127	285	237	241	478				1		1				
11/17/2019	1		1	167	140	307	257	316	573				1		1				
11/18/2019								1	4	5			297	211	508	205	279	484	
11/19/2019				39	43	82	62	71	133				229	169	398	148	200	348	
11/20/2019				197	199	396	293	304	597				6		6				
11/21/2019	2		2					17	17				285	213	498	214	262	476	
11/22/2019	9		9	214	240	454	263	253	516				10		10				
11/23/2019				160	124	284	237	253	490				3		3				
11/24/2019	1		1	175	164	339	254	293	547										
11/25/2019				19	17	36	24	29	53	1		1	259	181	440	160	216	376	
11/26/2019				44	34	78	72	92	164	49	46	95	178	139	317	129	178	307	
11/27/2019				90	109	199	135	140	275				182	108	290	91	147	238	
11/28/2019								13	13				303	213	516	205	285	490	
11/29/2019								12	12				296	225	521	217	282	499	
11/30/2019	1		1	153	110	263	244	255	499		1	1	2		2				
<b>Total</b>	<b>67</b>	<b>13</b>	<b>80</b>	<b>2,285</b>	<b>2,159</b>	<b>4,444</b>	<b>3,352</b>	<b>3,839</b>	<b>7,191</b>	<b>345</b>	<b>343</b>	<b>688</b>	<b>4,912</b>	<b>3,441</b>	<b>8,353</b>	<b>3,002</b>	<b>4,145</b>	<b>7,147</b>	

Operations by runway



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# Hourly movement summary

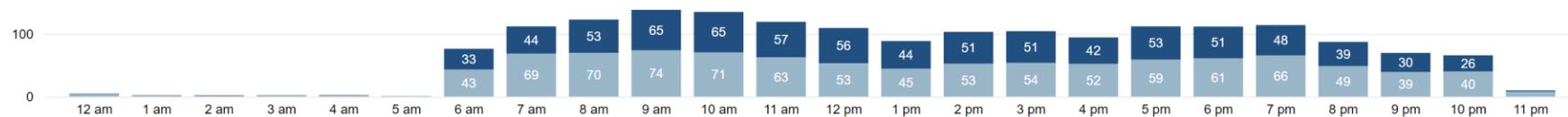
November 2019

## 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
11/1/2019	3	1		3	3		42	63	72	80	62	74	51	49	52	56	62	67	67	75	57	49	40	2	1,030
11/2/2019							36	56	62	66	66	54	53	37	44	40	42	46	34	40	27	19	23	1	746
11/3/2019	2		1		1		35	33	42	54	62	54	57	42	52	52	54	56	56	60	50	42	37	3	845
11/4/2019				1			53	59	67	75	70	64	49	46	48	50	55	54	65	64	34	36	39	4	933
11/5/2019	3	2		3	3	1	38	63	70	58	65	54	44	40	52	46	45	64	60	55	35	28	36	5	870
11/6/2019	4		2	3	2		38	75	74	73	63	65	50	41	50	56	51	65	67	75	48	33	38	2	975
11/7/2019	5	2		1	2	4	50	68	72	77	63	66	56	41	54	58	54	60	76	73	50	34	40	7	1,013
11/8/2019	4	2		5	1	1	42	74	70	77	69	66	51	50	47	46	46	47	44	49	45	41	60	12	949
11/9/2019	1	1	1		1	1	37	49	60	66	64	61	59	44	40	42	34	50	37	34	26	22	22	2	754
11/10/2019			1			1	29	36	45	64	57	55	59	44	60	56	54	66	75	67	53	33	27	1	883
11/11/2019		1	1			1	48	69	72	79	77	62	54	39	54	52	57	68	61	62	46	37	33	4	977
11/12/2019	3	3	2	4	2		43	68	65	75	74	55	52	43	39	49	52	52	45	49	54	51	43	14	937
11/13/2019	3		1	2	5		41	60	70	77	78	64	52	50	49	56	57	66	71	77	48	34	34	9	1,004
11/14/2019	4	1		3	3		47	71	75	70	73	61	50	39	52	49	57	60	71	67	57	48	41	7	1,006
11/15/2019	5	1	3	3	2		41	77	66	80	79	56	58	47	64	59	49	67	75	69	68	41	32	3	1,045
11/16/2019	1				2		32	52	67	75	65	65	48	46	47	51	33	43	38	28	25	23	20	4	765
11/17/2019	1		1				30	32	43	57	66	56	51	51	55	58	47	58	63	65	66	49	33		882
11/18/2019	2						47	74	69	79	76	68	45	51	57	53	54	64	70	66	49	30	38	5	997
11/19/2019	5	3	1	2	5		43	71	67	72	71	58	48	43	50	54	47	68	58	76	49	31	35	4	961
11/20/2019	5		1	2	3		40	70	64	79	72	60	59	48	51	58	56	66	66	75	49	32	38	5	999
11/21/2019	3	2	2	4	1		39	70	63	70	71	62	60	39	50	58	56	60	58	72	53	38	46	16	993
11/22/2019	5		1	4	2	1	45	68	72	70	71	70	61	49	61	59	47	30	47	51	42	57	58	18	989
11/23/2019			2				33	47	56	68	72	60	63	50	47	49	33	51	44	36	21	24	19	2	777
11/24/2019		2					32	35	43	61	61	50	58	42	64	58	48	71	66	71	54	40	31		887
11/25/2019	2			2		1	50	70	76	78	78	59	56	49	53	42	40	42	49	37	36	40	26	20	906
11/26/2019	17	6	3	2	1		40	59	66	70	71	67	53	35	57	60	44	48	44	68	46	47	48	9	961
11/27/2019	5	3		3	3	1	39	64	76	70	66	64	56	45	59	55	52	68	65	74	49	35	43	7	1,002
11/28/2019	4	1	1	4	3		40	77	78	66	67	67	58	43	56	53	57	69	64	75	47	43	36	10	1,019
11/29/2019	2	1	2	3	3	1	42	72	67	80	68	59	60	51	52	63	63	57	64	74	62	41	41	4	1,032
11/30/2019	1	2	2				35	52	60	71	69	55	58	41	48	50	35	37	43	35	26	22	20	4	766
<b>Total</b>	<b>90</b>	<b>34</b>	<b>28</b>	<b>54</b>	<b>48</b>	<b>13</b>	<b>1,207</b>	<b>1,834</b>	<b>1,949</b>	<b>2,137</b>	<b>2,066</b>	<b>1,831</b>	<b>1,629</b>	<b>1,335</b>	<b>1,564</b>	<b>1,588</b>	<b>1,481</b>	<b>1,720</b>	<b>1,743</b>	<b>1,819</b>	<b>1,372</b>	<b>1,100</b>	<b>1,077</b>	<b>184</b>	<b>27,903</b>

## Average daily operations by hour of day

● Weekday ● Weekend



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# Mode utilization summary

November  
2019

## Duration of mode use

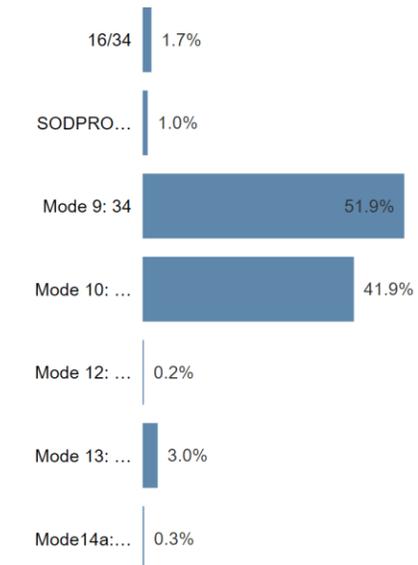
Date	Curfew	16/34	SODPROPS	Mode 5: 16/25	Mode 7: 25/34	Mode 9: 34	Mode 10: 16	Mode 12: 07	Mode 13: 25	Mode 14a: 16/07	Other	Total
11/1/2019	07:00	00:25				16:35						24:00
11/2/2019	07:00	00:14				15:51		00:55				24:00
11/3/2019	07:00	00:17				16:43						24:00
11/4/2019	07:00	00:21				05:48	10:51					24:00
11/5/2019	07:00	00:16					16:44					24:00
11/6/2019	07:00	00:20				16:40						24:00
11/7/2019	07:00	00:20				10:23	06:16					24:00
11/8/2019	07:00	00:06				06:57	01:01		08:56			24:00
11/9/2019	07:00	00:24	01:39				13:28			01:29		24:00
11/10/2019	07:00	00:27	03:30				13:03					24:00
11/11/2019	07:00	00:16				16:44						24:00
11/12/2019	07:00	00:07				09:01	03:48		04:04			24:00
11/13/2019	07:00	00:21				10:23	06:16					24:00
11/14/2019	07:00	00:24				09:51	06:45					24:00
11/15/2019	07:00	00:20				15:38	01:02					24:00
11/16/2019	07:00	00:22					16:38					24:00
11/17/2019	07:00	00:17					16:43					24:00
11/18/2019	07:00	00:18				16:42						24:00
11/19/2019	07:00	00:11				12:52	03:57					24:00
11/20/2019	07:00	00:14					16:46					24:00
11/21/2019	07:00	00:19				16:41						24:00
11/22/2019	07:00	00:03					16:57					24:00
11/23/2019	07:00	00:20					16:40					24:00
11/24/2019	07:00	00:23					16:37					24:00
11/25/2019	07:00	00:23				14:41	01:56					24:00
11/26/2019	07:00	00:07				10:40	03:60		02:13			24:00
11/27/2019	07:00	00:21				09:07	07:32					24:00
11/28/2019	07:00	00:19				16:41						24:00
11/29/2019	07:00	00:20				16:40						24:00
11/30/2019	07:00	00:20					16:40					24:00
<b>Total</b>	<b>210:00</b>	<b>08:55</b>	<b>05:09</b>			<b>264:37</b>	<b>213:41</b>	<b>00:55</b>	<b>15:13</b>	<b>01:29</b>		<b>720:00</b>

## Days with a mode used in excess of 9 hours

29 Any Mode      18 Mode 9      11 Mode 10

2 At any time      2 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	0.5%	2.0%	0.1%	0.0%	50.6%	44.1%	0.0%	2.4%	0.0%
Time	2.0%	2.9%	0.1%	0.0%	48.5%	43.2%	0.0%	2.9%	0.1%

Select a page :

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Runway usage

Hourly summary

Mode usage

PRM operations

34L departures

Noise sharing

Seasonal mode

Select a month :

Nov-19



# Runway 16 Precision Runway Monitor operations

November  
2019

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

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# Runway 34 departures maintaining heading

November  
2019

3,441

Flights departing from runway 34L

130

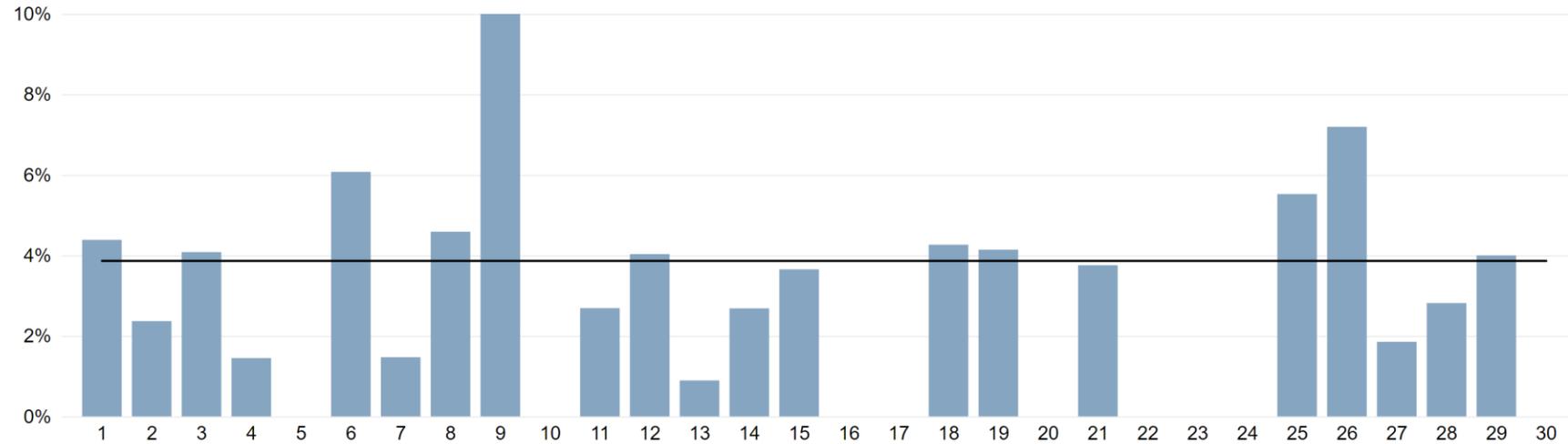
Flights maintaining runway heading

3.78%

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

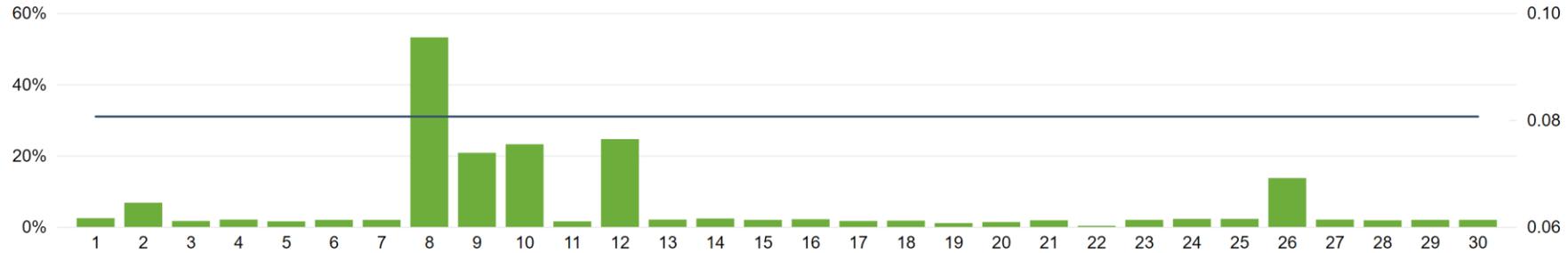
November 2019

Noise sharing time by month



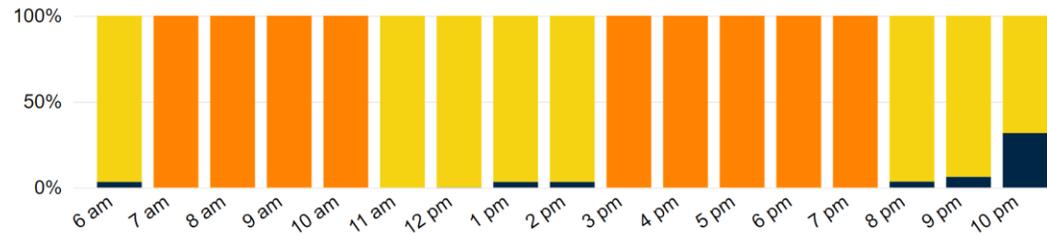
By day

● Noise Sharing Time — Average last 13 months

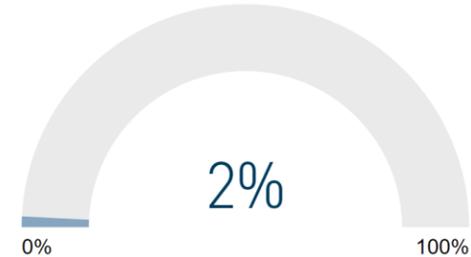


By hour

● Time spent ● Non-peak periods ● Peak periods



Flights during noise sharing



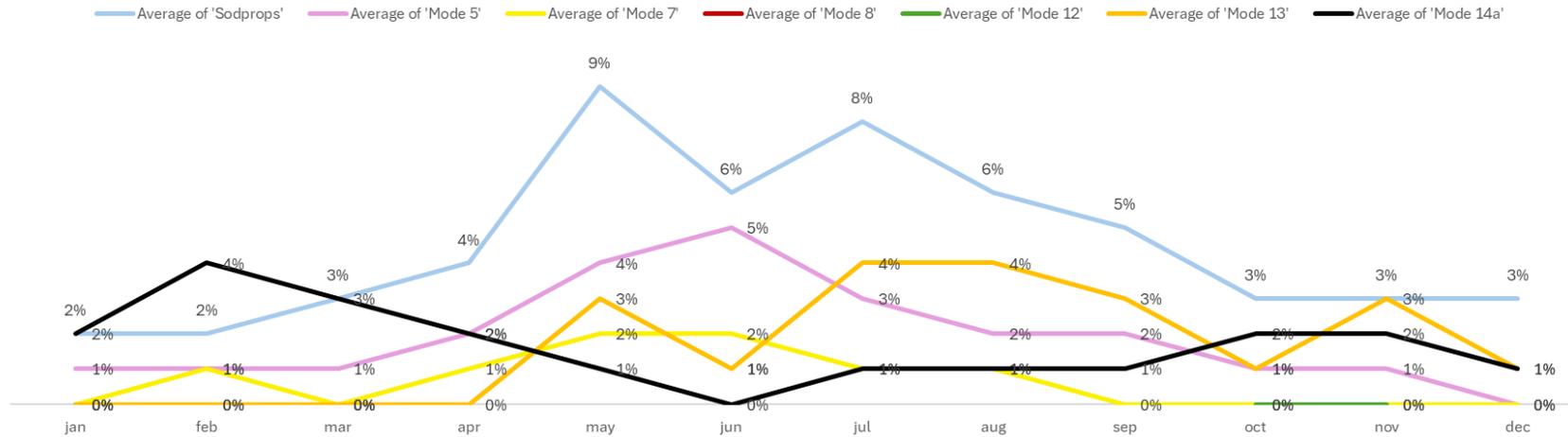
**Note :**

- 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

