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Runway usage

Hourly summary

Mode usage

PRM operations

34L departures

Noise sharing

Seasonal mode

Select a month :

May-20

# Summary (Preview)

May  
2020

Preview

---

LTOP

---

Mode Usage

### Total Runway Movements

2020		2019	
May-20	Apr-20	May-19	Apr-19
4,926 Total	4,196 Total	28,219 Total	27,946 Total
159 Daily Avg	140 Daily Avg	910 Daily Avg	932 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	May-20	Apr-20
North	17%	▲ 44.62%	▲ 41.06%
South	55%	▲ 55.22%	▼ 56.51%
East	13%	▼ 0.02%	▼ 1.45%
West	15%	▼ 0.00%	▼ 0.98%

▼▲ LTOP Target VS May-20     
 ▼▲ May-20 VS Apr-20

### Mode Utilization

Number of days individual mode used in excess of 9 hours

28

Airport Mode	Days
Mode 10	15
Mode 9	13

8.44%

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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May-20

# Summary (LTOP)

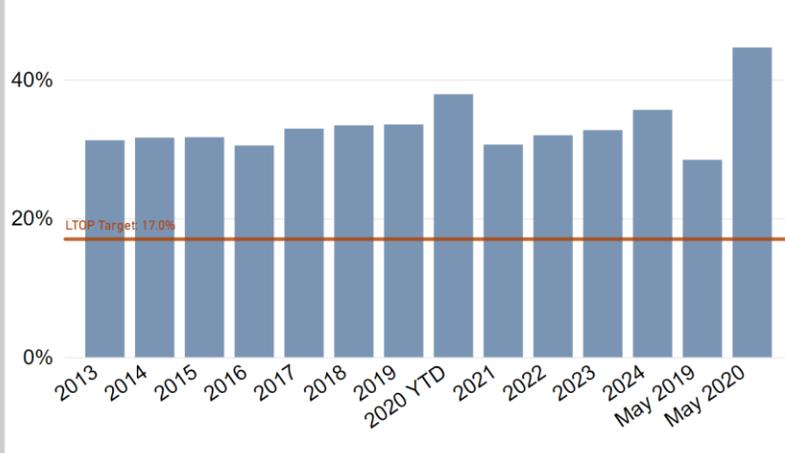
May 2020

Preview

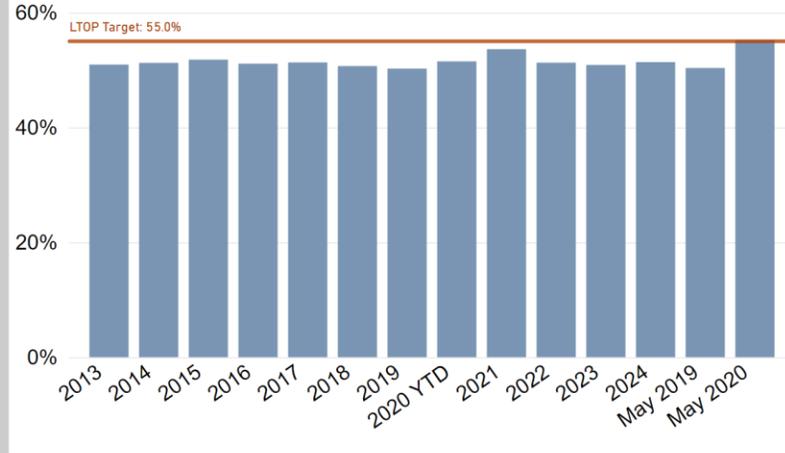
LTOP

Mode Usage

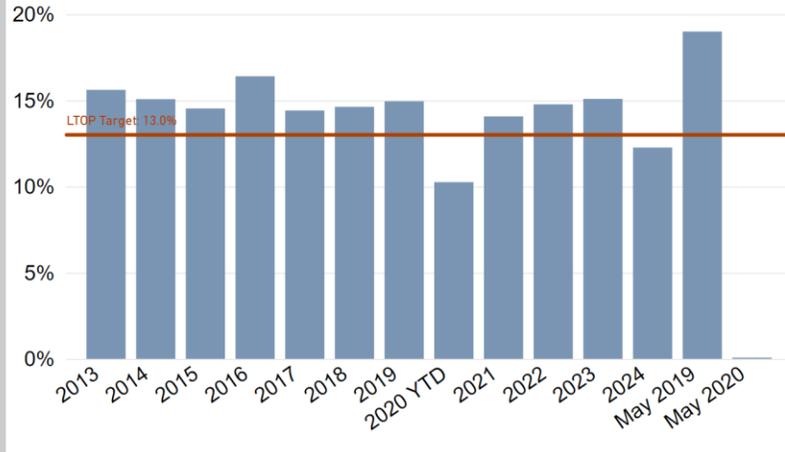
Northern runway end impact (16L and 16R arrivals plus 34L departures)



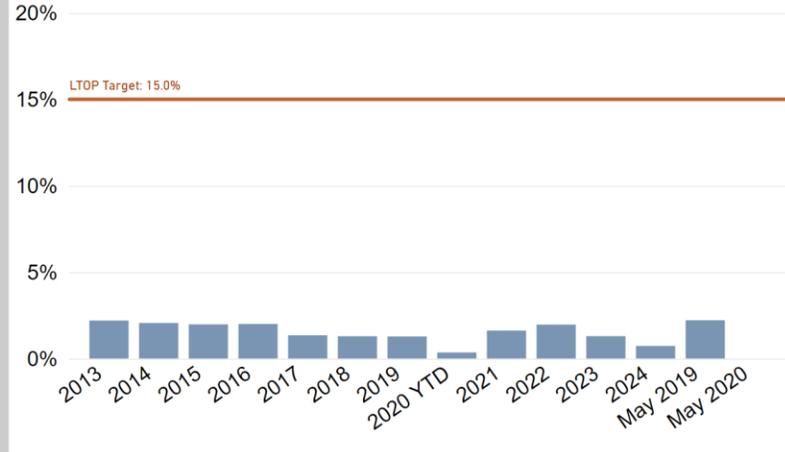
Southern runway end impact (16L and 16R departures plus 34L and 34R arrivals)



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



Western runway end impact (07 arrivals plus 25 departures)



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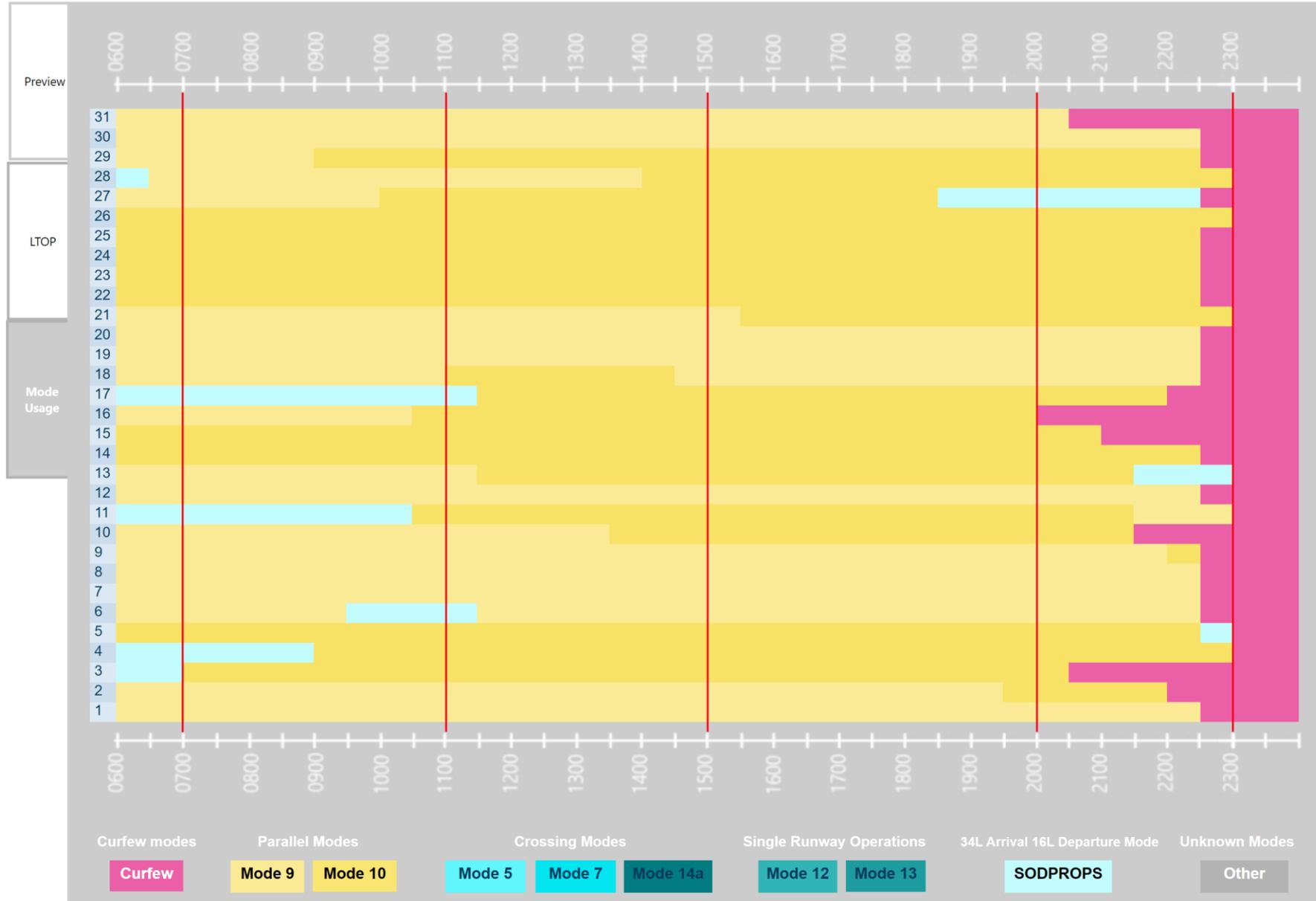
Select a month :

May-20



# Summary (Mode Usage)

May  
2020



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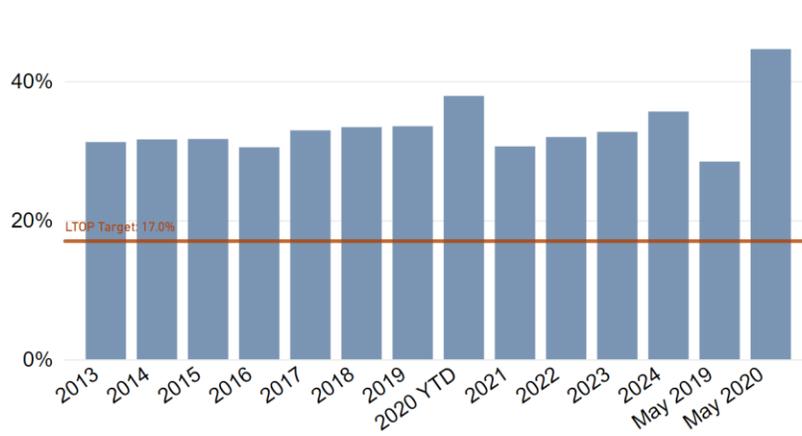
May-20



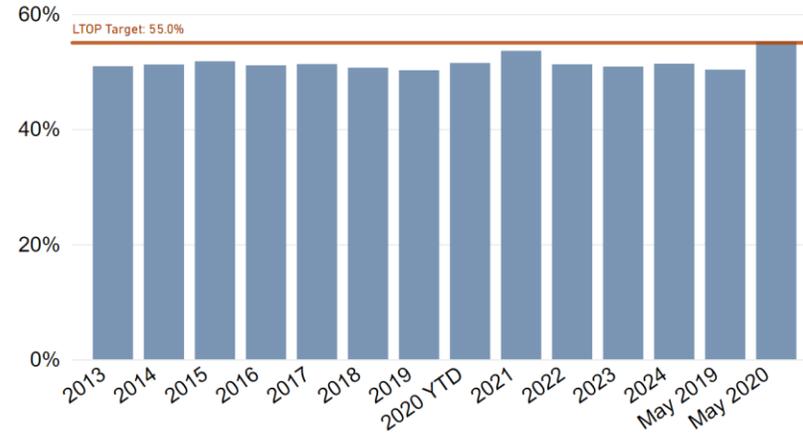
# LTOP Targets

May  
2020

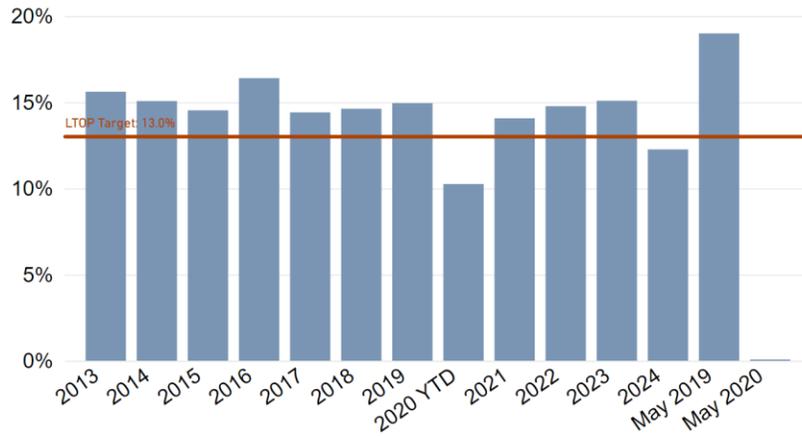
Northern runway end impact (16L and 16R arrivals plus 34L departures)



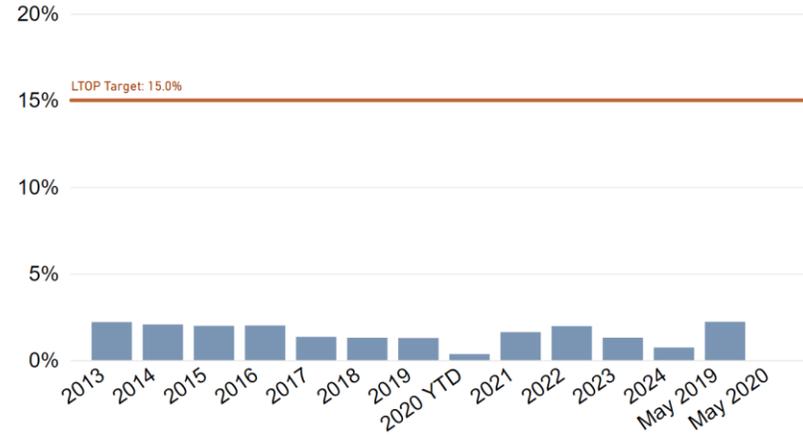
Southern runway end impact (16L and 16R departures plus 34L and 34R arrivals)



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

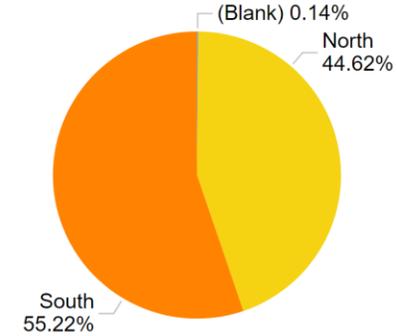
May  
2020

Operations by day, direction and runway

Sector	Date	East		North			South				Total			
		Total	34R D	16L A	16R A	34L D	Total	16L D	16R D	34L A		34R A		
5/1/2020						79	79		17	79		96	175	
5/2/2020					6	45	51		12	43	1	56	107	
5/3/2020					57		57		61	5		66	123	
5/4/2020					61	7	68	4	74	19		97	165	
5/5/2020					59	8	67	5	77	26		108	175	
5/6/2020					4	65	69	6	17	77		100	169	
5/7/2020			1	1		71	71	1	20	78		99	171	
5/8/2020					1	81	82		13	78		91	173	
5/9/2020					3	42	45		6	46		52	97	
5/10/2020					33	22	55		42	28		70	125	
5/11/2020					44	23	67	10	40	32		82	149	
5/12/2020						76	76		27	91		118	194	
5/13/2020					50	43	93	6	48	36		90	183	
5/14/2020					77		77		103	7		110	187	
5/15/2020					80		80		100	7		107	187	
5/16/2020					35	18	53		41	23		64	117	
5/17/2020					45	12	57	5	42	14		61	118	
5/18/2020					13	64	77		23	66		89	166	
5/19/2020	1	1			2	85	87		17	93		110	198	
5/20/2020	1	1				84	84		18	85		103	188	
5/21/2020					45	54	99		51	48		99	198	
5/22/2020				1	83		84		92	5		97	181	
5/23/2020					47		47		60	2		62	109	
5/24/2020	1	1			56		56		53			53	110	
5/25/2020	2	2			84		84		88			88	174	
5/26/2020	1	1			82		82		105	6		111	194	
5/27/2020					34	28	62	5	57	46		108	170	
5/28/2020	1	1			49	46	95		55	43		98	194	
5/29/2020					68	10	78	1	81	15		97	175	
5/30/2020						66	66		3	61		64	130	
5/31/2020						50	50		12	62		74	124	
<b>Total</b>	<b>7</b>	<b>7</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1,118</b>	<b>1,079</b>	<b>2,198</b>	<b>43</b>	<b>1,455</b>	<b>1,221</b>	<b>1</b>	<b>2,720</b>	<b>4,926</b>

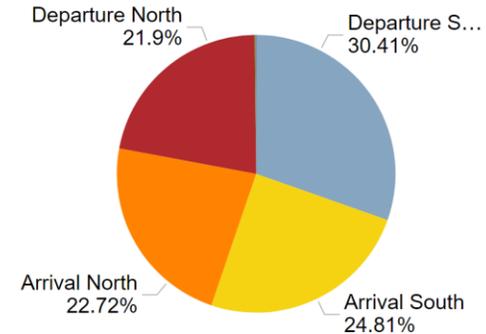
Total operations by compass direction

(Blank) East North South



Arrivals/departures by direction

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



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Select a type :

All

# Runway use summary

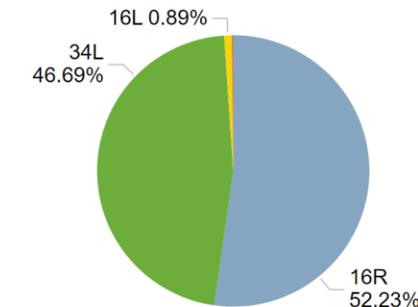
May  
2020

## Operations by day and runway

Runway Date	16L			16R			34L			34R			Total			
	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total				
5/1/2020								17	17	79	79	158				175
5/2/2020							6	12	18	43	45	88	1		1	107
5/3/2020							57	61	118	5		5				123
5/4/2020				4	4	8	61	74	135	19	7	26				165
5/5/2020				5	5	10	59	77	136	26	8	34				175
5/6/2020				6	6	12	4	17	21	77	65	142				169
5/7/2020				1	1	2		20	20	78	71	149		1	1	171
5/8/2020							1	13	14	78	81	159				173
5/9/2020							3	6	9	46	42	88				97
5/10/2020							33	42	75	28	22	50				125
5/11/2020				10	10	20	44	40	84	32	23	55				149
5/12/2020								27	27	91	76	167				194
5/13/2020				6	6	12	50	48	98	36	43	79				183
5/14/2020							77	103	180	7		7				187
5/15/2020							80	100	180	7		7				187
5/16/2020							35	41	76	23	18	41				117
5/17/2020				5	5	10	45	42	87	14	12	26				118
5/18/2020							13	23	36	66	64	130				166
5/19/2020		1	1				2	17	19	93	85	178				198
5/20/2020		1	1					18	18	85	84	169				188
5/21/2020							45	51	96	48	54	102				198
5/22/2020				1		1	83	92	175	5		5				181
5/23/2020							47	60	107	2		2				109
5/24/2020		1	1				56	53	109							110
5/25/2020	2		2				84	88	172							174
5/26/2020		1	1				82	105	187	6		6				194
5/27/2020				5	5	10	34	57	91	46	28	74				170
5/28/2020		1	1				49	55	104	43	46	89				194
5/29/2020				1	1	2	68	81	149	15	10	25				175
5/30/2020								3	3	61	66	127				130
5/31/2020								12	12	62	50	112				124
<b>Total</b>	<b>2</b>	<b>5</b>	<b>7</b>	<b>1</b>	<b>43</b>	<b>44</b>	<b>1,118</b>	<b>1,455</b>	<b>2,573</b>	<b>1,221</b>	<b>1,079</b>	<b>2,300</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>4,926</b>

## Operations by runway

● 16R ● 34L ● 16L ● (Blank) ● 34R



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Select a type :

All Aircraft

# Hourly movement summary

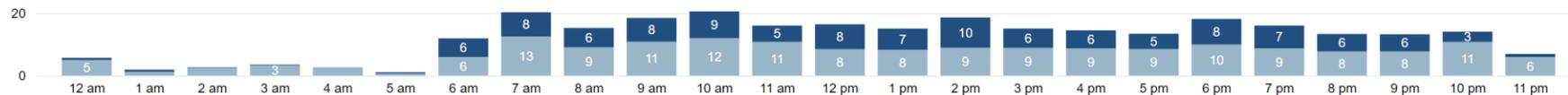
May  
2020

## 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
5/1/2020	9	1	2	4	4		8	11	7	13	11	6	7	13	12	13	10	14	9	7	6	3	4	1	175
5/2/2020		3		1			6	4	8	8	10	7	10	2	8	7	8	2	6	4	7	4	2		107
5/3/2020	2						3	8	5	5	10	3	10	9	13	8	4	8	9	10	4	5	3	4	123
5/4/2020		2			2		6	11	8	15	13	11	7	7	8	5	4	10	6	10	10	8	15	7	165
5/5/2020	7	1	3	9	2		6	12	13	9	10	11	10	8	7	6	8	5	5	10	8	6	12	7	175
5/6/2020	7	2	2	5	4	1	4	13	5	13	6	11	9	4	6	10	7	6	9	10	10	5	12	8	169
5/7/2020	8	1	4	4	2	1	1	14	7	10	13	10	10	3	4	7	10	7	8	7	9	8	13	10	171
5/8/2020	6	1	2	4	2	1	4	10	9	10	13	13	6	10	15	8	11	10	13	10	7	3	4	1	173
5/9/2020	1		1		1		7	8	4	10	7	6	4	4	7	3	4	4	5	8	3	4	5	1	97
5/10/2020	2	1	1			1	5	7	3	6	11	3	11	6	13	5	8	7	9	8	8	7	3		125
5/11/2020						1	8	12	8	14	10	13	3	7	9	3	7	9	8	6	9	8	8	6	149
5/12/2020	10	3		4	4	3	7	10	9	12	14	8	12	11	7	8	10	11	5	6	9	8	13	10	194
5/13/2020	6	2	2	1	4	2	7	17	7	9	11	11	8	7	8	10	8	9	12	6	7	5	15	9	183
5/14/2020	5	1	4	3	4		7	17	12	8	9	10	11	4	8	8	11	6	9	13	7	9	13	8	187
5/15/2020	5	1	4	8			5	17	5	11	13	13	9	12	15	10	13	9	13	9	6	4	5		187
5/16/2020	1					1	11	7	6	7	10	7	7	9	9	8	8	2	8	6	2	5	2	1	117
5/17/2020							5	8	4	6	7	5	11	11	11	5	4	6	10	8	8	5	3	1	118
5/18/2020							5	13	10	15	10	10	8	5	7	7	8	9	11	8	10	7	14	9	166
5/19/2020	5	2	4	3	4		9	13	9	14	16	9	7	14	8	10	9	6	10	12	7	10	13	4	198
5/20/2020	8	1	3	3	1	3	6	15	7	9	10	9	11	9	7	11	10	7	10	8	9	10	13	8	188
5/21/2020	6	2	3	2	7		8	9	15	8	15	12	7	7	8	11	6	12	12	8	7	12	15	6	198
5/22/2020	4	1	3	3	5		5	13	8	8	13	14	2	12	14	10	8	14	16	8	6	8	5	1	181
5/23/2020		1				1	7	9	9	11	7	7	7	2	6	7	4	3	6	7	5	5	5		109
5/24/2020							4	12	5	9	6	2	5	7	9	6	5	7	8	9	6	6	4		110
5/25/2020					1		8	11	15	12	14	11	10	4	8	8	8	7	10	8	8	14	9	8	174
5/26/2020	4	1	1	2	3	2	10	15	12	14	13	9	8	14	7	8	7	6	11	10	7	9	14	7	194
5/27/2020	4	2	5	7			3	12	5	10	11	13	6	6	10	8	8	4	9	7	9	10	14	7	170
5/28/2020	4	1	3	4	2		5	7	14	6	11	11	20	8	9	12	10	5	12	11	6	10	15	8	194
5/29/2020	7		6	4	1		3	11	6	9	16	13	7	9	11	14	10	13	12	10	6	6	1		175
5/30/2020				1		1	8	5	10	9	8	6	9	11	13	7	7	3	9	5	6	6	4	2	130
5/31/2020	1	2					4	10	8	5	10	6	6	7	8	6	6	7	12	8	7	8	2	1	124
<b>Total</b>	<b>112</b>	<b>32</b>	<b>53</b>	<b>72</b>	<b>53</b>	<b>18</b>	<b>185</b>	<b>341</b>	<b>253</b>	<b>305</b>	<b>338</b>	<b>280</b>	<b>258</b>	<b>242</b>	<b>285</b>	<b>249</b>	<b>241</b>	<b>228</b>	<b>292</b>	<b>257</b>	<b>219</b>	<b>218</b>	<b>260</b>	<b>135</b>	<b>4,926</b>

## Average daily operations by hour of day

● Weekday ● Weekend



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# Mode utilization summary

May  
2020

## 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
5/1/2020	07:00	00:44				16:16						24:00
5/2/2020	07:00	01:14				13:38	02:08					24:00
5/3/2020	07:00	02:24	00:50				13:46					24:00
5/4/2020	07:00	00:11	02:57				13:52					24:00
5/5/2020	07:00	00:13	00:32				16:15					24:00
5/6/2020	07:00	00:18	02:04			14:38						24:00
5/7/2020	07:00	00:21				16:39						24:00
5/8/2020	07:00	00:26				16:34						24:00
5/9/2020	07:00	00:39				15:51	00:30					24:00
5/10/2020	07:00	01:17				07:17	08:26					24:00
5/11/2020	07:00	00:10	04:41			01:35	10:34					24:00
5/12/2020	07:00	00:23				16:37						24:00
5/13/2020	07:00	00:07	01:15			05:31	10:07					24:00
5/14/2020	07:00	00:17					16:43					24:00
5/15/2020	07:00	02:00					15:00					24:00
5/16/2020	07:00	03:14				04:33	09:13					24:00
5/17/2020	07:00	00:57	05:20				10:43					24:00
5/18/2020	07:00	00:20				12:55	03:45					24:00
5/19/2020	07:00	00:17				16:27	00:16					24:00
5/20/2020	07:00	00:16				16:44						24:00
5/21/2020	07:00	00:06				09:38	07:16					24:00
5/22/2020	07:00	00:28					16:32					24:00
5/23/2020	07:00	00:41					16:19					24:00
5/24/2020	07:00	00:34					16:26					24:00
5/25/2020	07:00	00:16					16:44					24:00
5/26/2020	07:00	00:11					16:49					24:00
5/27/2020	07:00	00:39	03:47			04:00	08:34					24:00
5/28/2020	07:00		00:35			07:36	08:49					24:00
5/29/2020	07:00	00:30				03:05	13:25					24:00
5/30/2020	07:00	00:36				16:24						24:00
5/31/2020	07:00	02:40				14:20						24:00
<b>Total</b>	<b>217:00</b>	<b>22:29</b>	<b>21:60</b>			<b>230:19</b>	<b>252:12</b>					<b>744:00</b>

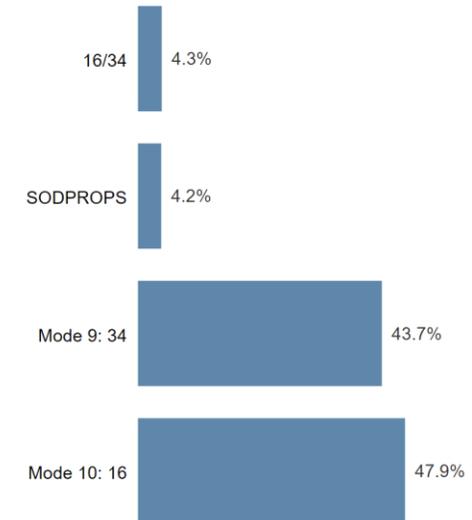
Days with a mode used in excess of 9 hours

28      13      15  
Any Mode      Mode 9      Mode 10

Days with SODPROPS used

9      8  
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	0.5%	2.7%	0.2%	0.0%	41.4%	54.5%	0.3%	0.1%	0.2%
Time	1.8%	5.6%	0.3%	0.1%	41.9%	49.1%	0.3%	0.6%	0.3%

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May-20



# Runway 16 Precision Runway Monitor operations

May  
2020

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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# Runway 34 departures maintaining heading

May  
2020

1,079

Flights departing from runway 34L

36

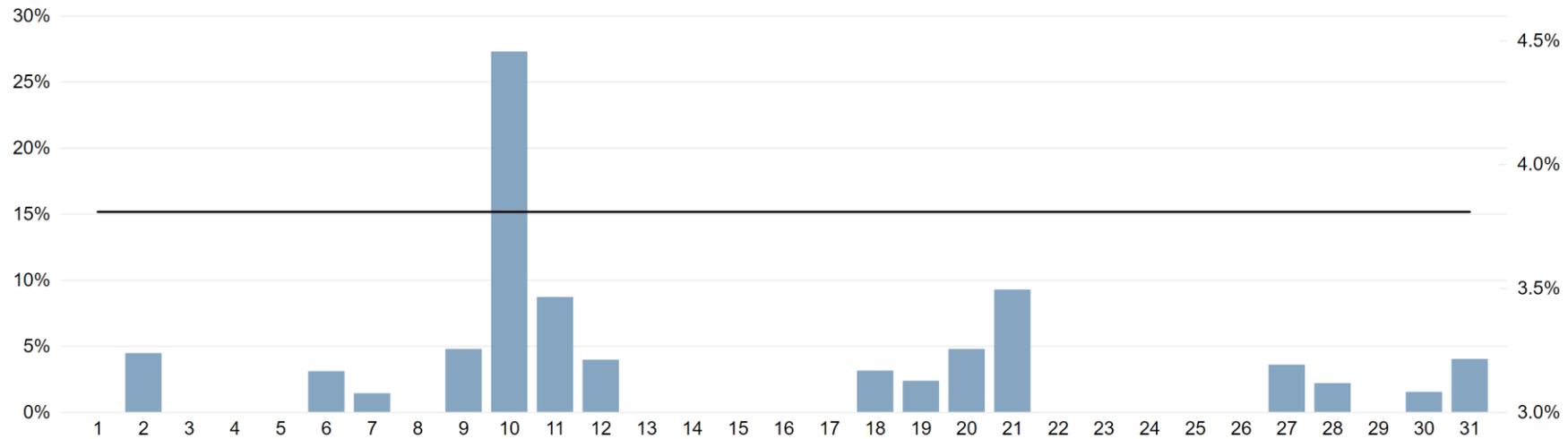
Flights maintaining runway heading

3.34%

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

LTOP targets

Ops by direction

Runway usage

Hourly summary

Mode usage

PRM operations

34L departures

Noise sharing

Seasonal mode

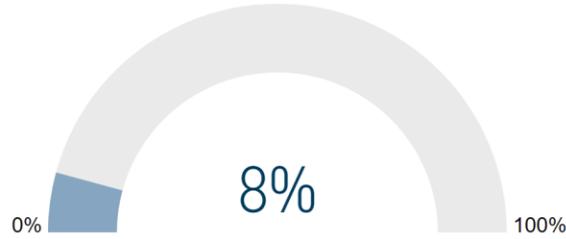
Select a month :

May-20

# Noise sharing during non-peak hours

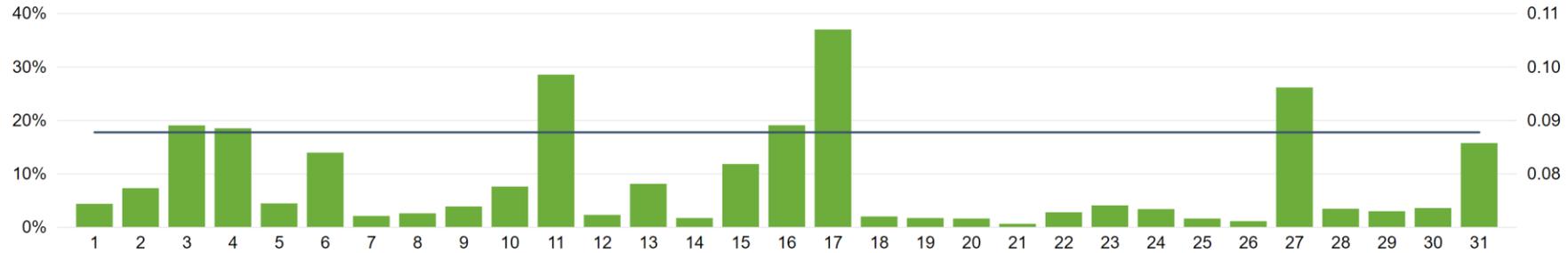
May 2020

Noise sharing time by month



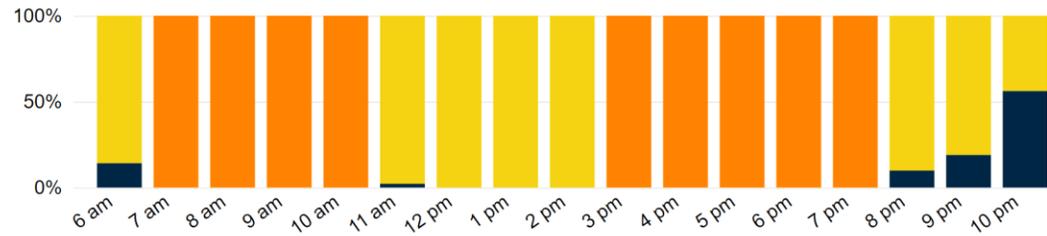
By day

● Noise Sharing Time — Average last 13 months

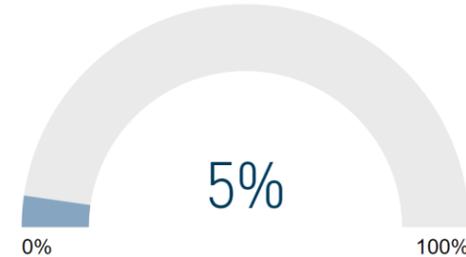


By hour

● Time spent ● Non-peak periods ● Peak periods



Flights during noise sharing



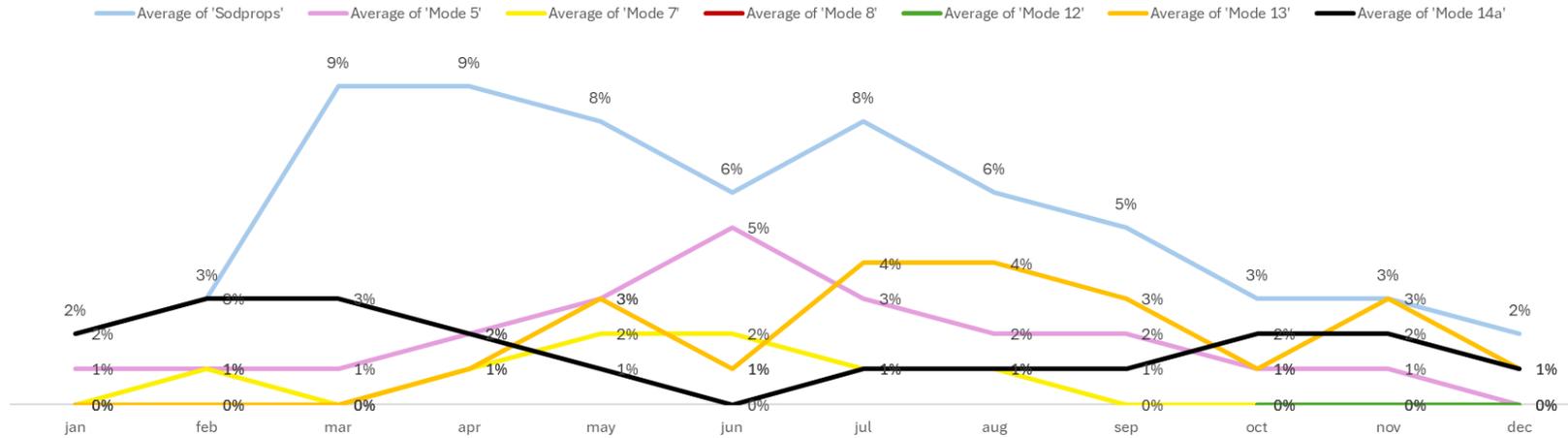
**Note :**

- 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

