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Jul-21

Summary (Preview)

July
2021

Preview

LTOP

Mode Usage

Total Runway Movements

2021		2020	
Jul-21	Jun-21	Jul-20	Jun-20
7,227	17,681	7,607	5,642
Total		Total	
233	589	245	188
Daily Avg		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		Jul-21		Jun-21
North	17%	▲	21.16%	▼	23.97%
South	55%	▼	54.02%	▲	52.20%
East	13%	▲	21.25%	▼	22.49%
West	15%	▼	3.54%	▲	1.31%

▼▲ LTOP Target VS Jul-21
 ▼▲ Jul-21 VS Jun-21

Mode Utilization

Number of days individual mode used in excess of 9 hours

25

Airport Mode	Days
Mode 9	14
SODPROPS	4
Mode 5	4
Mode 13	2
Mode 10	1

47.16%

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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Summary (LTOP)

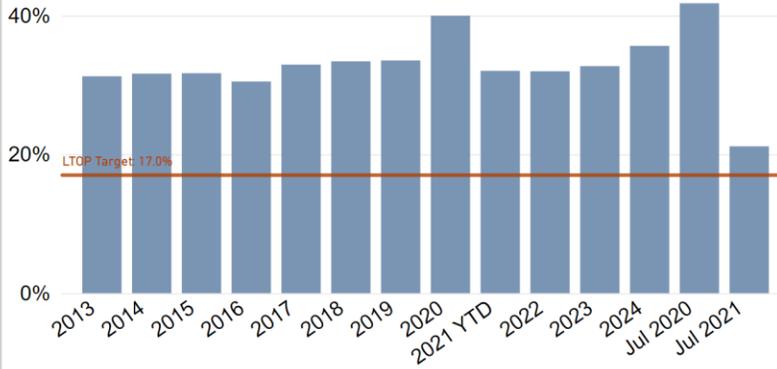
July 2021

Preview

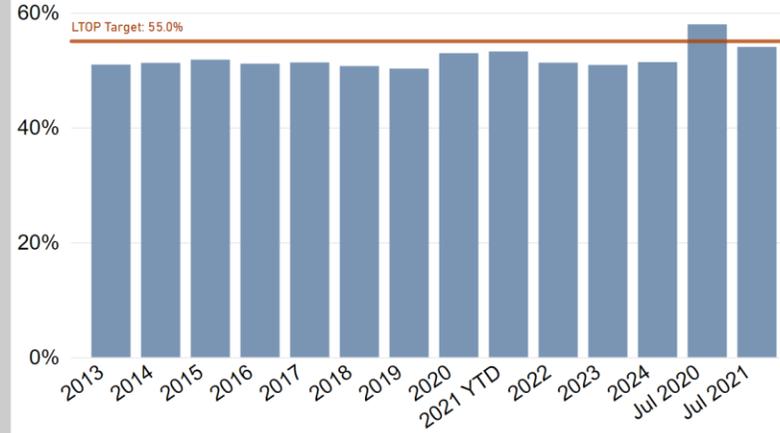
LTOP

Mode Usage

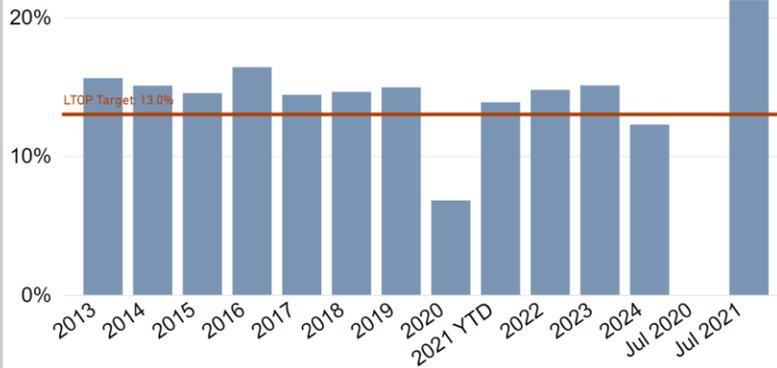
Northern runway end impact (16L and 16R arrivals plus 34L departures)



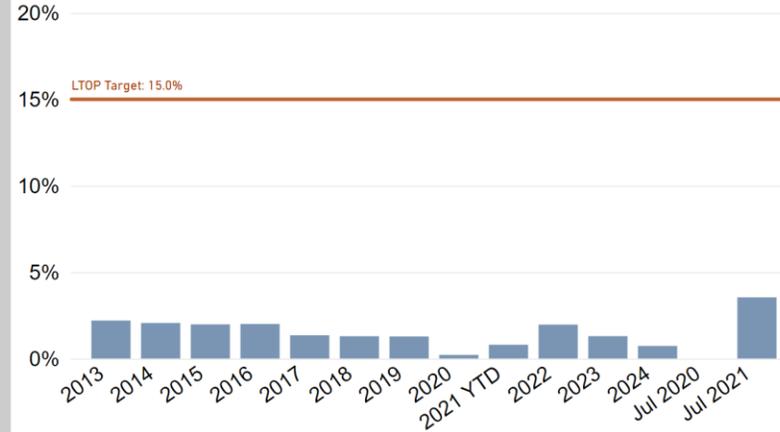
Southern runway end impact (16L and 16R departures plus 34L and 34R arrivals)



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



Western runway end impact (07 arrivals plus 25 departures)



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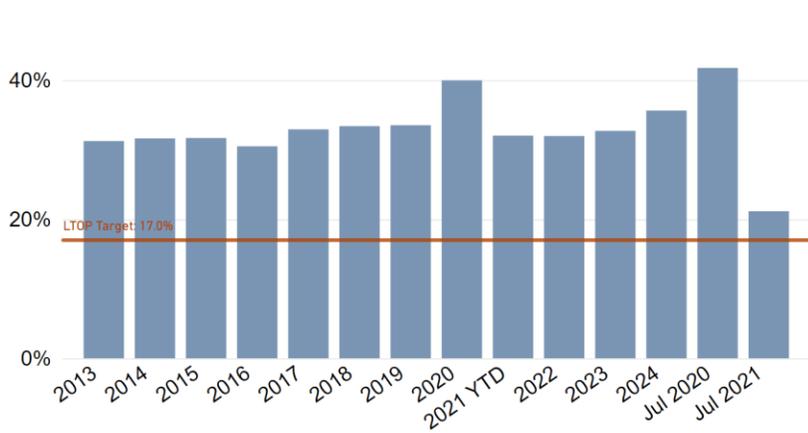
Jul-21



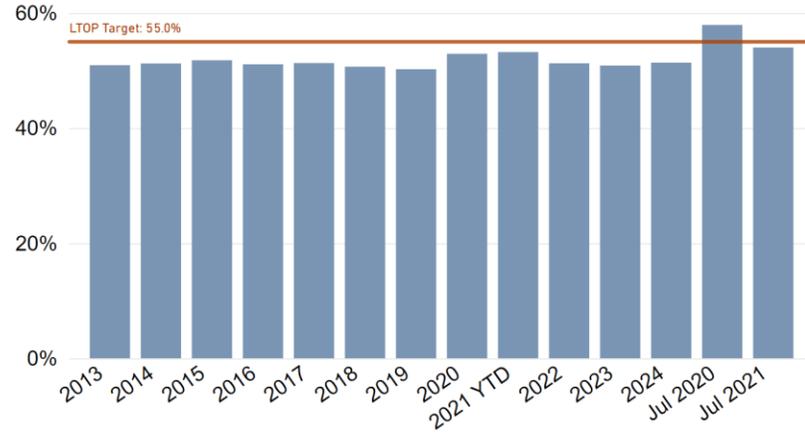
LTOP Targets

July 2021

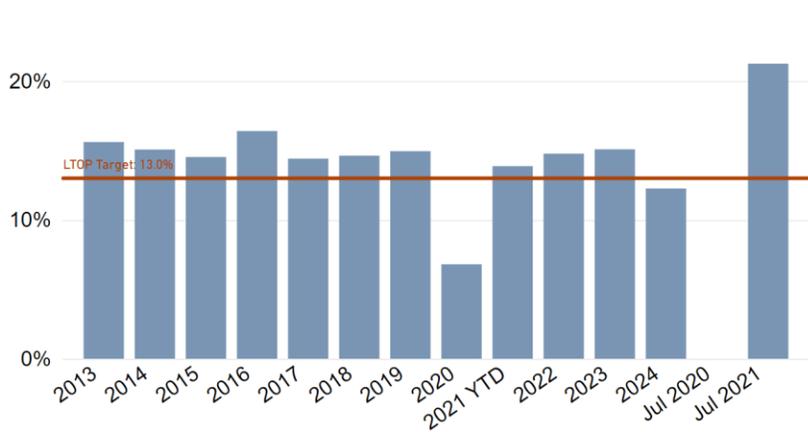
Northern runway end impact (16L and 16R arrivals plus 34L departures)



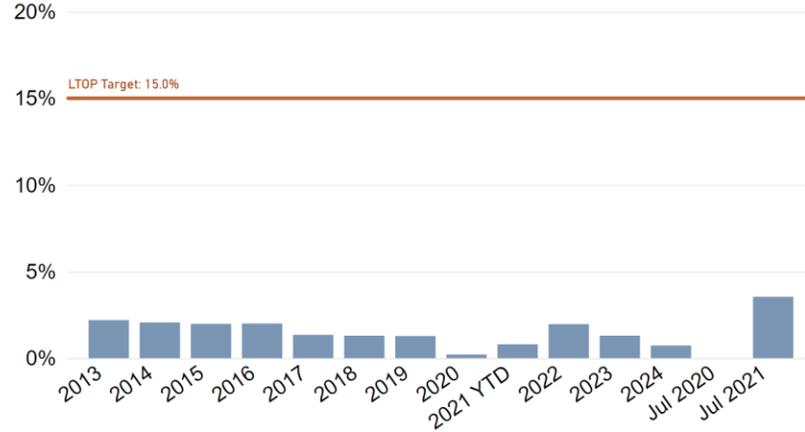
Southern runway end impact (16L and 16R departures plus 34L and 34R arrivals)



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



Western runway end impact (07 arrivals plus 25 departures)



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Select a type :

All

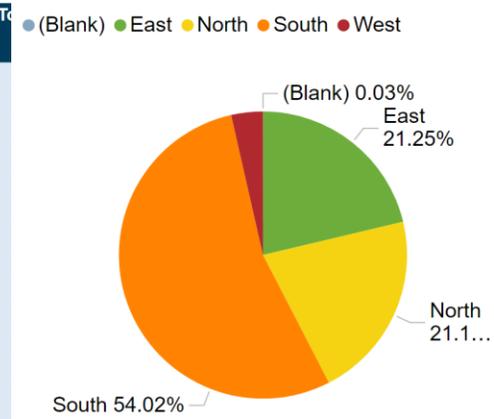
Operations by direction

July 2021

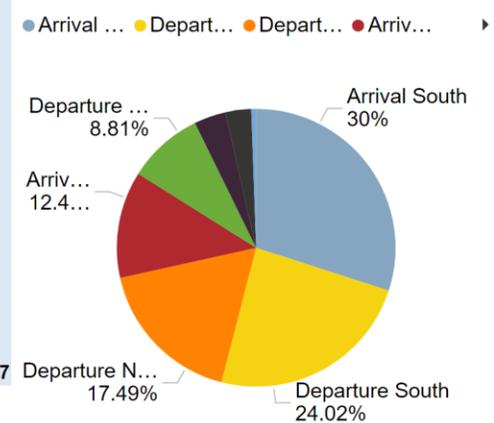
Operations by day, direction and runway

Sector	Date	Total	East			North			South				West			Total	
			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
7/1/2021			2	62	64			72	72	11	18	119	5	153	7	1	8
7/2/2021				44	44			74	74	39	14	137	16	206	3	2	5
7/3/2021			13		13	1	10	33	44	70	38	79		187	19		19
7/4/2021				49	49		1	76	77		4	98	13	115			
7/5/2021			88		88		20	14	34	61	83	28		172			
7/6/2021			33		33		10	46	56	75	46	90		211			
7/7/2021			102		102		13	6	19	36	108	18		162	3	3	
7/8/2021			46	9	55		4	35	39	40	71	74	3	188	8	2	10
7/9/2021			70	34	104	1	14	37	52	20	63	42	9	134	1		1
7/10/2021			59		59	5	47		52	27	90			117	4	4	
7/11/2021			71		71	1	32	5	38	42	78	2		122			
7/12/2021			13	33	46		1	60	61	14	24	98	4	140			
7/13/2021			15	34	49			47	47	9	40	90	9	148			
7/14/2021	1	1		64	64			60	60		18	108	9	135			
7/15/2021			1	35	36	3	10	53	66	3	44	90	4	141			
7/16/2021			52	30	82			40	40	1	15	62	4	82	44	44	
7/17/2021			54	16	70			33	33		2	27		29	41	41	
7/18/2021			50	25	75		7	26	33	11	32	38		81	5	5	
7/19/2021				25	25			65	65	24	6	108		138			
7/20/2021			18	23	41			44	44		19	74	4	97	21	21	
7/21/2021			32		32	11	56		67	28	93	6		127	1	1	
7/22/2021	1	1		36	36			64	64		21	98	2	121			
7/23/2021				43	43			57	57		10	94	12	116			
7/24/2021			30	1	31			34	34	10	1	30	2	43	19	19	
7/25/2021			60	1	61		1	26	27		9	18		27	44	44	
7/26/2021				36	36		2	68	70	2	7	96	5	110	2	2	
7/27/2021			6	17	23			41	41	11	27	75	2	115	14	14	
7/28/2021			13	11	24			49	49	1	20	77	2	100	12	12	
7/29/2021			71		71	2	13		15	21	100	17		138	1	1	
7/30/2021								52	52	45	14	106		165			
7/31/2021				9	9			47	47	20		61	3	84	1	1	2
Total	2	2	899	637	1,536	24	241	1,264	1,529	621	1,115	2,060	108	3,904	39	217	256

Total operations by compass direction



Arrivals/departures by direction



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All

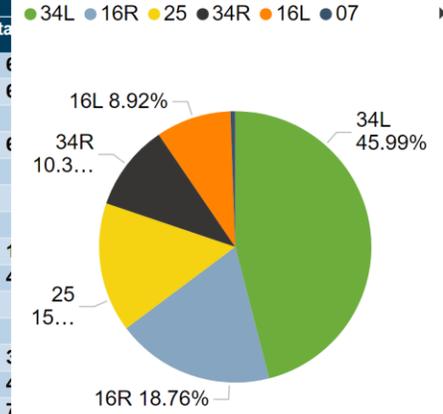
Runway use summary

July 2021

Operations by day and runway

Runway	07		16L		16R		25		34L			34R							
Date	Dep	Total	Arr	Total	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total			
7/1/2021			7	7		11	11		18	18	2	1	3	119	72	191	5	62	6
7/2/2021			3	3		39	39		14	14		2	2	137	74	211	16	44	6
7/3/2021			19	19	1	70	71	10	38	48	13		13	79	33	112			
7/4/2021								1	4	5				98	76	174	13	49	6
7/5/2021						61	61	20	83	103	88		88	28	14	42			
7/6/2021						75	75	10	46	56	33		33	90	46	136			
7/7/2021						36	36	13	108	121	102	3	105	18	6	24			
7/8/2021			8	8		40	40	4	71	75	46	2	48	74	35	109	3	9	1
7/9/2021			1	1	1	20	21	14	63	77	70		70	42	37	79	9	34	4
7/10/2021					5	27	32	47	90	137	59	4	63						
7/11/2021					1	42	43	32	78	110	71		71	2	5	7			
7/12/2021						14	14	1	24	25	13		13	98	60	158	4	33	3
7/13/2021						9	9		40	40	15		15	90	47	137	9	34	4
7/14/2021	1	1							18	18				108	60	168	9	64	7
7/15/2021					3	3	6	10	44	54	1		1	90	53	143	4	35	3
7/16/2021						1	1		15	15	52	44	96	62	40	102	4	30	3
7/17/2021									2	2	54	41	95	27	33	60		16	1
7/18/2021						11	11	7	32	39	50	5	55	38	26	64		25	2
7/19/2021						24	24		6	6				108	65	173		25	2
7/20/2021									19	19	18	21	39	74	44	118	4	23	2
7/21/2021					11	28	39	56	93	149	32	1	33	6		6			
7/22/2021	1	1							21	21				98	64	162	2	36	3
7/23/2021									10	10				94	57	151	12	43	5
7/24/2021						10	10		1	1	30	19	49	30	34	64	2	1	
7/25/2021								1	9	10	60	44	104	18	26	44		1	
7/26/2021						2	2	2	7	9		2	2	96	68	164	5	36	4
7/27/2021						11	11		27	27	6	14	20	75	41	116	2	17	1
7/28/2021						1	1		20	20	13	12	25	77	49	126	2	11	1
7/29/2021					2	21	23	13	100	113	71	1	72	17		17			
7/30/2021						45	45		14	14				106	52	158			
7/31/2021			1	1		20	20				1	1		61	47	108	3	9	1
Total	2	2	39	39	24	621	645	241	1,115	1,356	899	217	1,116	2,060	1,264	3,324	108	637	74

Operations by runway



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Select a month :

Select a type :

Hourly movement summary

July 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	
7/1/2021	3						8	8	15	24	19	10	14	19	13	28	13	21	29	27	9	12	17	8	297	
7/2/2021	7	4	5	2	1	1	8	11	18	30	37	12	17	20	12	28	23	20	28	20	11	11	3		329	
7/3/2021	1		1				11	15	22	23	20	21	14	13	12	13	21	17	16	13	6	14	8	2	263	
7/4/2021	2	1		1			1	10	3	6	19	18	11	14	19	11	22	19	22	18	22	4	8	2	241	
7/5/2021	1		2				1	9	18	19	28	22	21	23	17	8	18	20	17	18	14	6	7	20	5	294
7/6/2021	6	5	2	3	3	2	9	14	18	18	25	13	9	11	9	20	20	20	26	19	8	17	14	9	300	
7/7/2021	6	4	2	4	1		6	13	22	19	24	11	12	14	8	18	23	18	28	11	12	11	12	7	286	
7/8/2021	5	4	3	5	1	4	10	18	16	18	18	10	10	14	12	20	17	16	22	20	8	12	18	11	292	
7/9/2021	6	2	2	5	1	1	7	18	14	27	25	11	19	11	15	21	21	20	22	22	6	12	3		291	
7/10/2021	1		1				5	14	20	21	25	17	14	10	9	15	13	10	17	15	6	10	9		232	
7/11/2021							6	7	6	14	20	10	14	13	10	19	23	22	23	18	10	11	5		231	
7/12/2021							8	9	19	27	24	15	10	16	8	11	17	14	13	12	9	13	12	10		247
7/13/2021	8	4	1	5	3	4	10	12	13	15	15	11	9	8	6	10	11	15	15	16	15	11	16	11		244
7/14/2021	10	2	1	6	5	2	7	16	19	20	16	12	9	13	4	12	20	18	13	12	11	8	16	8		260
7/15/2021	7	4	2	2	6	3	8	12	9	16	9	10	12	8	11	12	16	16	22	13	11	13	16	5		243
7/16/2021	5	6	4	5	3		7	10	18	21	22	10	12	12	8	15	16	15	23	13	7	12	3	1		248
7/17/2021	2	2			2		9	7	17	17	15	9	6	10	11	7	6	11	10	8	7	9	8			173
7/18/2021							7	3	4	20	12	9	7	13	11	19	14	22	15	15	8	9	5	1		194
7/19/2021			2				6	11	19	21	20	14	11	16	6	15	13	15	13	8	6	9	19	4		228
7/20/2021	5	6	4	2	3	1	7	11	16	10	16	12	7	7	7	7	9	10	15	8	12	11	13	4		203
7/21/2021	3	3	6	1	2		7	9	18	14	19	10	7	13	5	15	15	8	15	11	4	15	14	13		227
7/22/2021	5	7	5	4	3		7	8	12	15	15	12	10	7	12	5	10	14	14	9	13	11	20	4		222
7/23/2021	4	4	2	6	1		9	10	9	17	16	8	16	12	9	14	12	18	18	9	7	8	5	2		216
7/24/2021	1	1					4	4	6	11	12	5	6	7	5	7	9	7	7	11	6	7	9	2		127
7/25/2021							5	4	6	12	14	12	10	12	2	12	8	12	17	7	8	10	5	3		159
7/26/2021					1		6	15	11	20	19	18	9	15	7	11	15	7	19	4	10	10	14	7		218
7/27/2021	5	8	7	3	1	1	8	4	13	9	14	11	7	8	4	3	13	5	10	13	9	14	15	8		193
7/28/2021	5	2	2	5	1	3	6	12	6	15	15	10	7	5	10	7	8	5	7	12	7	10	14	11		185
7/29/2021	4	7	2	6	1		8	11	13	16	15	14	12	6	6	8	12	11	9	13	13	11	16	11		225
7/30/2021	4	7	8	5	1		4	12	7	24	12	14	10	11	9	19	13	12	18	9	5	8	5			217
7/31/2021	2						8	6	4	12	14	9	8	9	6	10	12	7	7	5	6	10	7			142
Total	108	83	64	70	40	24	230	325	415	573	567	372	345	369	266	441	462	445	527	409	260	334	349	149	7,227	

Average daily operations by hour of day



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Mode utilization summary

July
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Duration of mode use

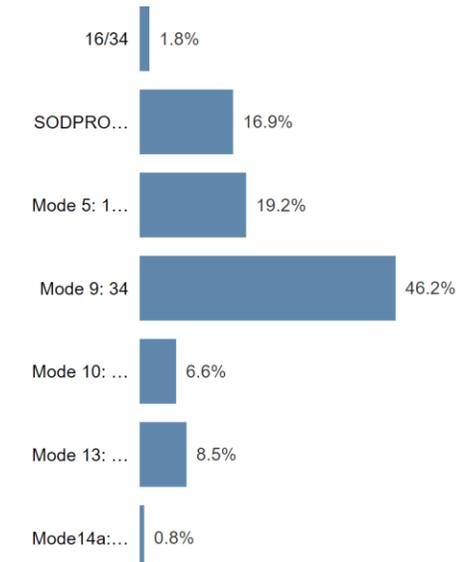
Date	Curfew	16/34	SODPROPS	Mode 5: 16/25	Mode 7: 25/34	Mode 9: 34	Mode 10: 16	Mode 12: 07	Mode 13: 25	Mode 14a: 16/07	Other	Total
7/1/2021	07:00	00:23	00:47			14:50				01:00		24:00
7/2/2021	07:00	00:34	06:03			10:23						24:00
7/3/2021	07:00	00:08	10:21	01:41			02:59			01:51		24:00
7/4/2021	07:00	00:24	05:26			11:10						24:00
7/5/2021	07:00	00:16	03:47	12:03			00:54					24:00
7/6/2021	07:00	00:22	11:57	04:41								24:00
7/7/2021	07:00	00:19		14:55		01:46						24:00
7/8/2021	07:00	00:24	01:44	07:31		05:53				01:28		24:00
7/9/2021	07:00	00:10		08:05		06:52	01:53					24:00
7/10/2021	07:00	00:04		08:25			08:31					24:00
7/11/2021	07:00	00:11		10:21		00:46	05:42					24:00
7/12/2021	07:00	00:16	01:29	02:20		12:55						24:00
7/13/2021	07:00	00:21		02:48		13:51						24:00
7/14/2021	07:00	00:22				16:38						24:00
7/15/2021	07:00	00:10				14:30	02:20					24:00
7/16/2021	07:00	00:14	03:24			07:38			05:44			24:00
7/17/2021	07:00	00:13				05:44			11:03			24:00
7/18/2021	07:00	00:25	03:05	07:15		06:15						24:00
7/19/2021	07:00	00:19	09:53			06:48						24:00
7/20/2021	07:00	00:15				11:46			04:59			24:00
7/21/2021	07:00	00:17		05:43			10:60					24:00
7/22/2021	07:00	00:18				16:42						24:00
7/23/2021	07:00	00:14				16:46						24:00
7/24/2021	07:00	00:21	03:32			05:33			07:35			24:00
7/25/2021	07:00	00:33		01:23		05:39			09:25			24:00
7/26/2021	07:00	00:19	02:47			13:54						24:00
7/27/2021	07:00	00:10	03:43			10:45			02:22			24:00
7/28/2021	07:00	00:19				13:11			03:30			24:00
7/29/2021	07:00	00:15	00:16	14:12		00:52	01:26					24:00
7/30/2021	07:00	00:18	16:42									24:00
7/31/2021	07:00	00:22	04:00			12:38						24:00
Total	217:00	09:16	88:56	101:22		243:43	34:46		44:38	04:19		744:00

Days with a mode used in excess of 9 hours

25 Any Mode 14 Mode 9 1 Mode 10

17 At any time 12 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%	6.5%	1.9%		44.4%	45.1%		1.4%	0.2%
Time	1.6%	7.7%	3.4%		43.4%	41.6%		2.0%	0.2%

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Select a month :

Jul-21

Runway 16 Precision Runway Monitor operations

July
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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Runway 34 departures maintaining heading

July
2021

1,264

Flights departing from runway 34L

36

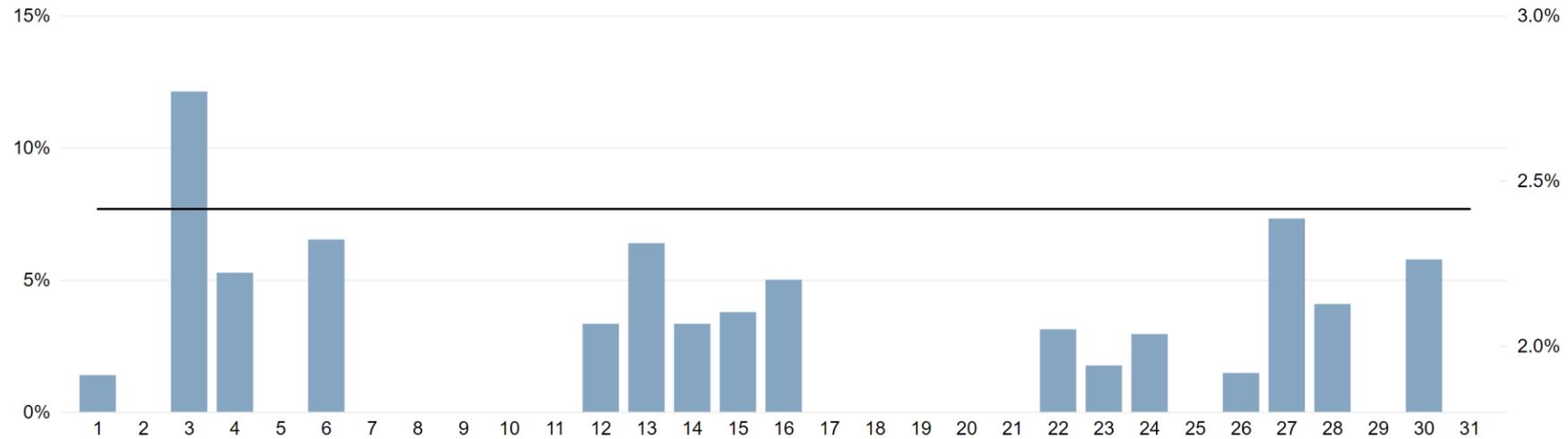
Flights maintaining runway heading

2.85%

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

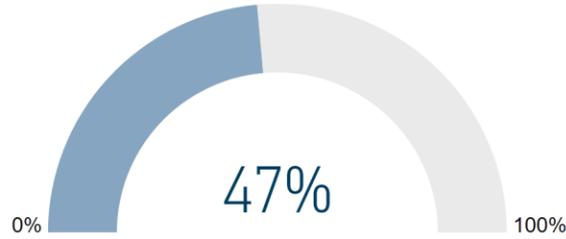
Select a month :

Jul-21

Noise sharing during non-peak hours

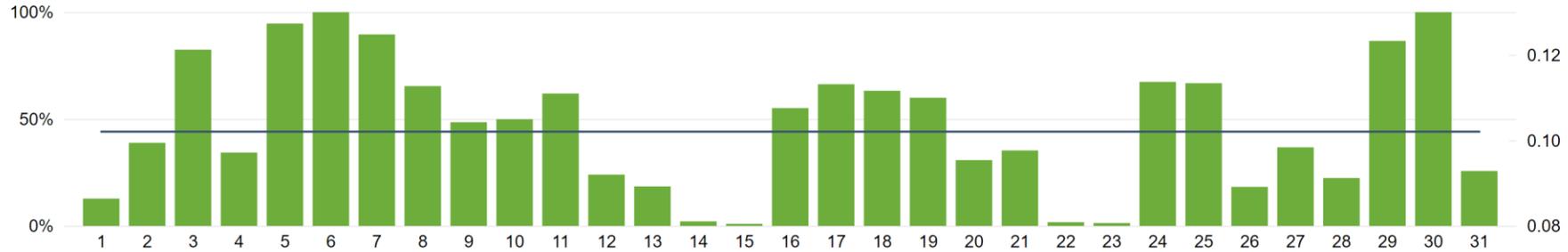
July 2021

Noise sharing time by month



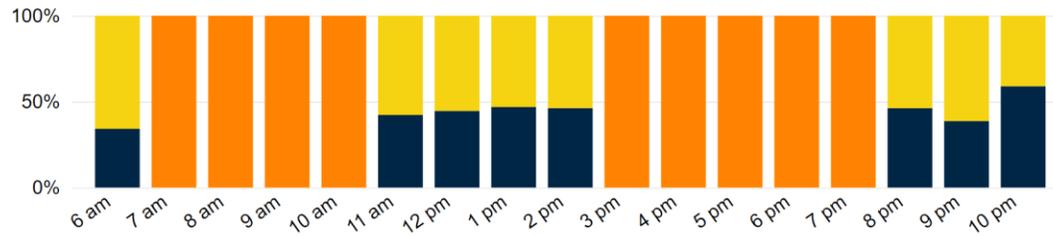
By day

● Noise Sharing Time — Average last 13 months

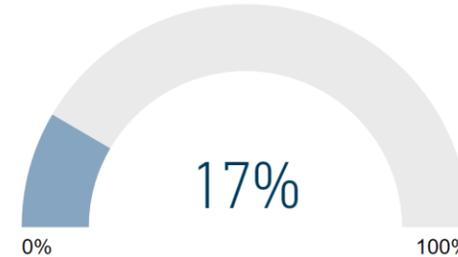


By hour

● Time spent ● Non-peak periods ● Peak periods



Flights during noise sharing



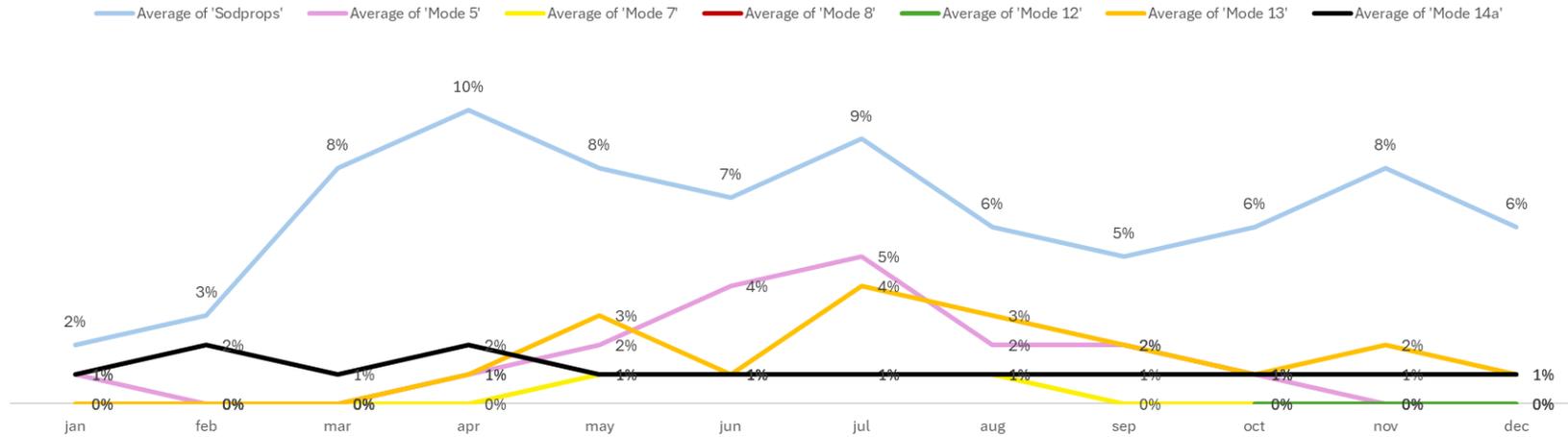
Note :

- 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

