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Nov-21

Summary (Preview)

November
2021

Preview

LTOP

Mode Usage

Total Runway Movements

2021		2020	
Nov-21	Oct-21	Nov-20	Oct-20
10,848 Total	5,965 Total	8,821 Total	7,290 Total
362 Daily Avg	192 Daily Avg	294 Daily Avg	235 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-21	Oct-21
North	17%	▲ 26.71%	▲ 24.17%
South	55%	▼ 53.76%	▼ 55.89%
East	13%	▲ 16.25%	▲ 11.15%
West	15%	▼ 3.21%	▼ 8.75%

▲ ▼ LTOP Target VS Nov-21
 ▼ ▲ Nov-21 VS Oct-21

Mode Utilization

Number of days individual mode used in excess of 9 hours

25

Airport Mode	Days
Mode 9	12
Mode 10	9
SODPROPS	1
Mode 5	1
Mode 13	1
Mode 14a	1

25.18%

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

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)

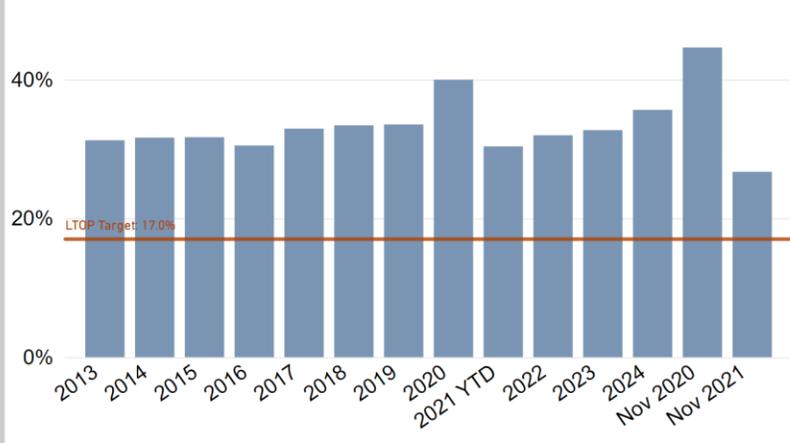
November 2021

Preview

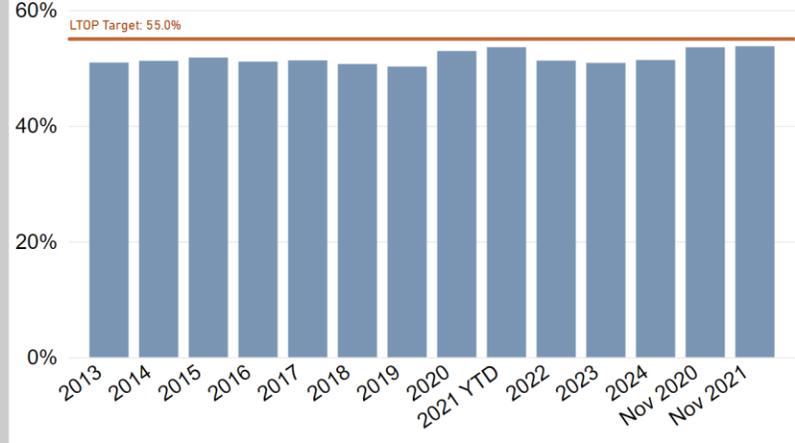
LTOP

Mode Usage

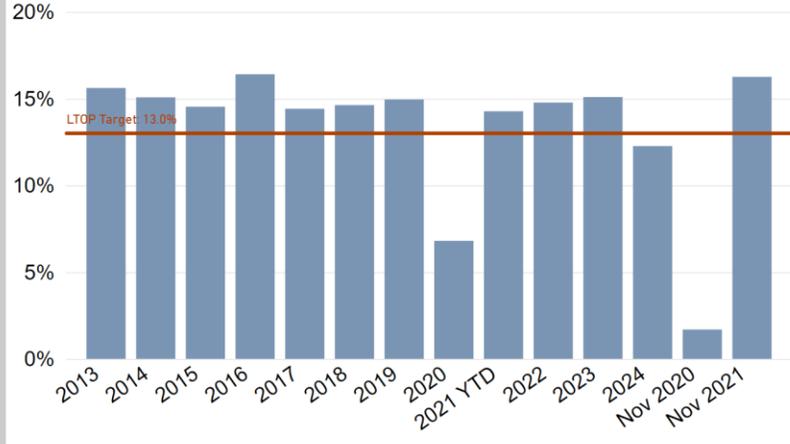
Northern runway end impact (16L and 16R arrivals plus 34L departures)



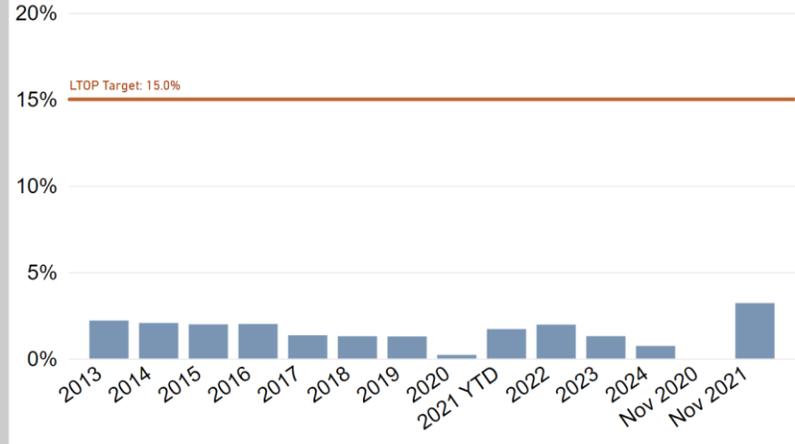
Southern runway end impact (16L and 16R departures plus 34L and 34R arrivals)



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



Western runway end impact (07 arrivals plus 25 departures)



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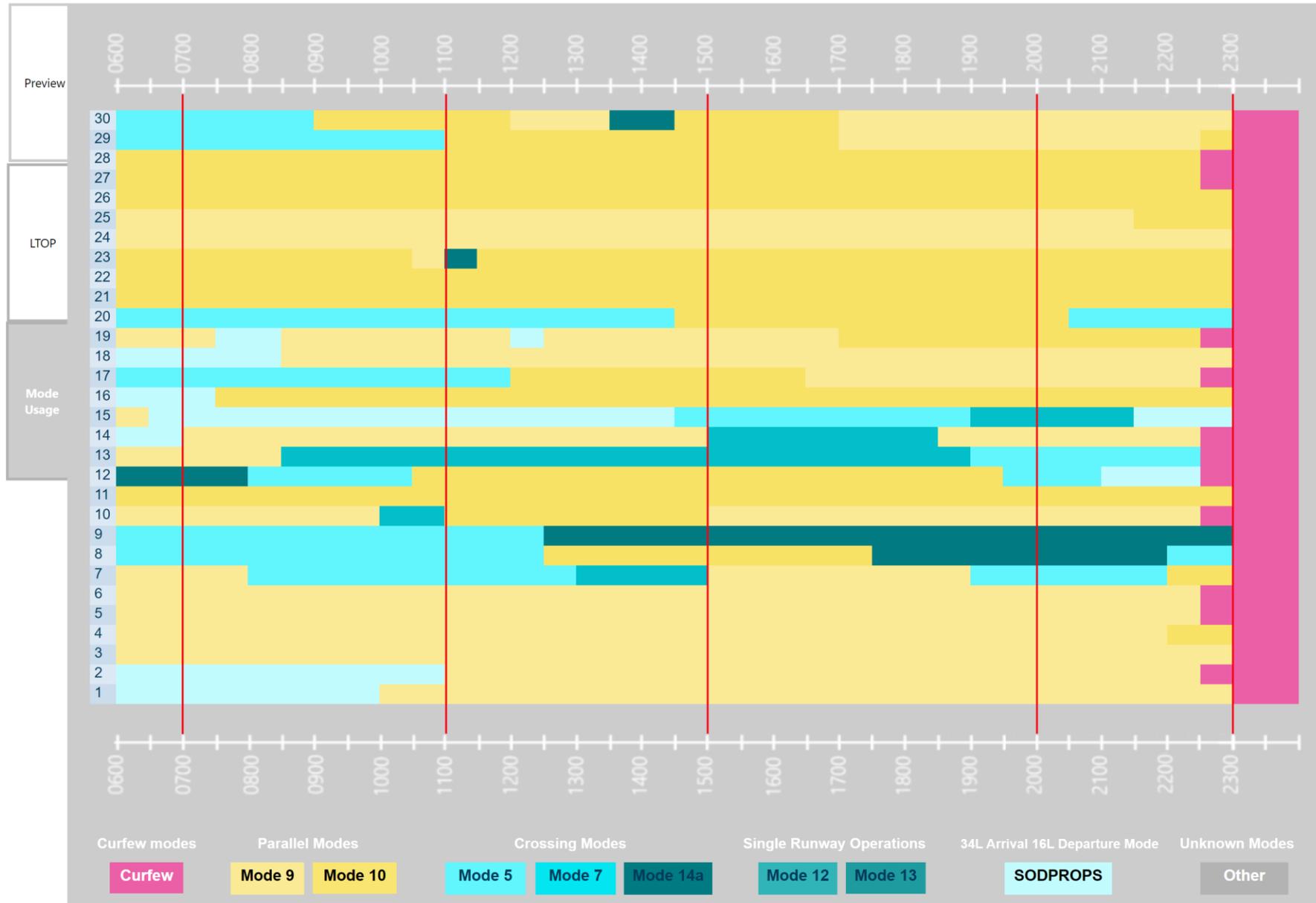
Select a month :

Nov-21



Summary (Mode Usage)

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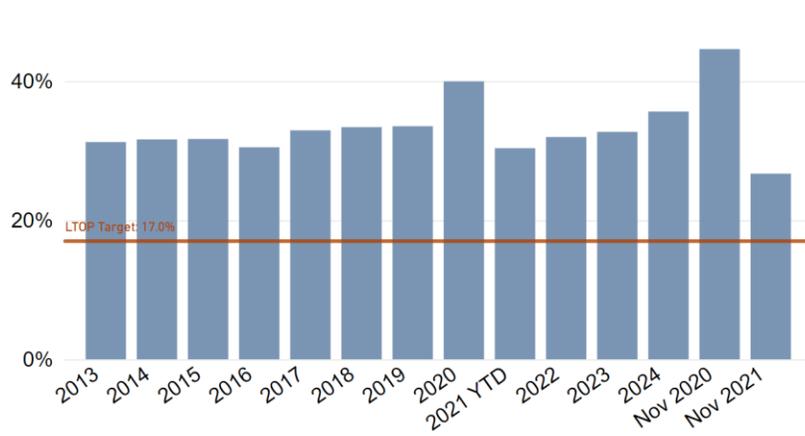
Select a month :

Nov-21

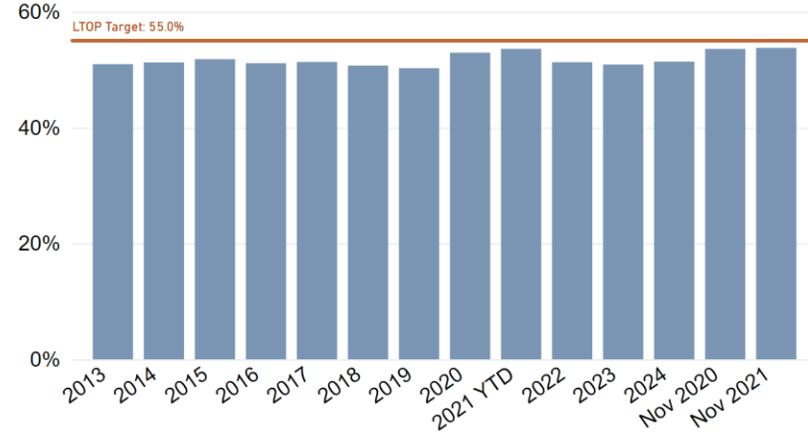
LTOP Targets

November 2021

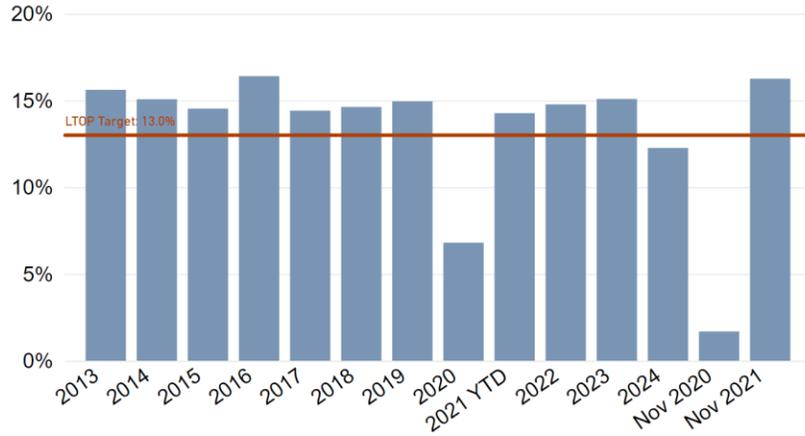
Northern runway end impact (16L and 16R arrivals plus 34L departures)



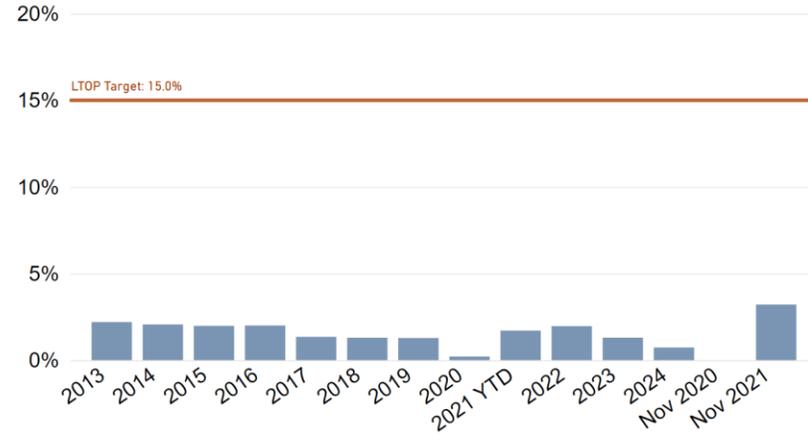
Southern runway end impact (16L and 16R departures plus 34L and 34R arrivals)



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

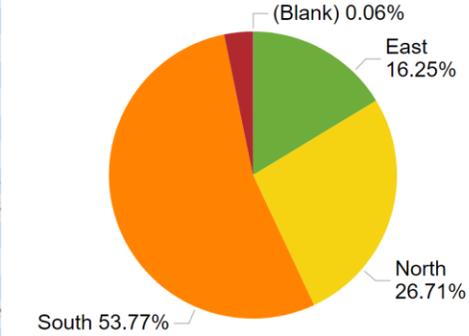
November 2021

Operations by day, direction and runway

Sector	Date	Total	East			North				South				West		Total		
			07 D	25 A	34R D	16L A	16R A	34L D	Total	16L D	16R D	34L A	34R A	Total	07 A		25 D	
11/1/2021	1	1			54	54	1		84	85	26	14	131	29	200	1		
11/2/2021				2	45	47			55	55	31	27	110	19	187			
11/3/2021					61	61			73	73		23	108	29	160			
11/4/2021					76	76	10		53	63	2	42	109	24	177			
11/5/2021	1	1			108	108			71	71		14	132	37	183			
11/6/2021					66	66			57	57		2	85	24	111	1		
11/7/2021				71	35	106	3		19	22	21	49	50	8	128	2	17	
11/8/2021				70		70	37		37	46	132	3		181	49	2		
11/9/2021				57		57	1		1	2	53	125	9		187	84		
11/10/2021				6	48	54	38		52	90	2	65	90	23	180		8	
11/11/2021				2		2	148		148	31	164	8		203				
11/12/2021	1	1		36		36	110		8	118	40	139	11		190	9	1	
11/13/2021				108	12	120			11	11	1	24	15		40		92	
11/14/2021				39	62	101			47	47	1		87	10	98		42	
11/15/2021				63		63			52	52	106	41	121		268		11	
11/16/2021				2		2	152		5	157	50	150	22		222	1		
11/17/2021				55	22	77	37		26	63	44	108	57	20	229			
11/18/2021			1		106	107			79	79	24	24	149	44	241	1		
11/19/2021					85	85	87		58	145	46	51	91	21	209			
11/20/2021				85		85	47		47	35	114	3		152				
11/21/2021				1		1	166		166	30	164			194				
11/22/2021	1	1		1		1	180		180	37	168		1	206				
11/23/2021				4	4	4	43	103	2	148	70	135	10	12	227	13		
11/24/2021	1	1			106	106			86	86		27	146	48	221	1		
11/25/2021					121	121	1	12	76	89		48	146	43	237			
11/26/2021	1	1					69	144	213	71	167			238				
11/27/2021							35	131	166	54	129			183				
11/28/2021							52	138	190	67	152			219		2		
11/29/2021				51	29	80	31	62	33	126	63	139	62	24	288			
11/30/2021	1	1		30	43	73	27	39	45	111	48	116	82	27	273	11		
Total	7	7	1	679	1,083	1,763	1,275	629	993	2,897	999	2,553	1,837	443	5,832	173	175	3

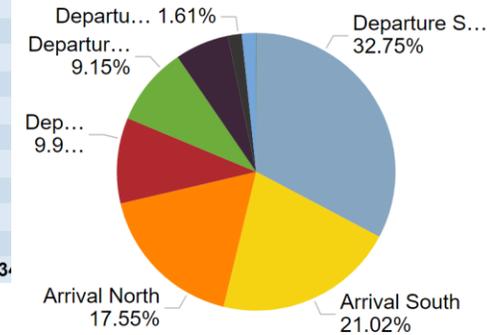
Total operations by compass direction

(Blank) East North South West



Arrivals/departures by direction

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



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Select a type :

All

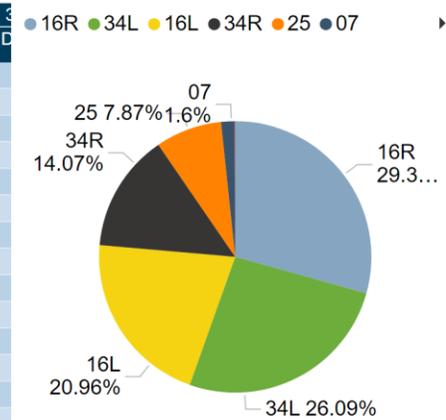
Runway use summary

November 2021

Operations by day and runway

Runway	07			16L			16R			25			34L			34R				
	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total		Arr	Dep	Total	
11/1/2021	1		1	1		1	1	26	27		14	14			131	84	215	29		
11/2/2021								31	31		27	27	2		2	110	55	165	19	
11/3/2021											23	23				108	73	181	29	
11/4/2021							10	2	12		42	42				109	53	162	24	
11/5/2021		1	1								14	14				132	71	203	37	
11/6/2021				1		1					2	2				85	57	142	24	
11/7/2021				2		2	3	21	24		49	49	71	17	88	50	19	69	8	
11/8/2021				49		49	37	46	83		132	132	70	2	72	3		3		
11/9/2021				84		84	1	53	54		125	125	57		57	9	1	3		
11/10/2021							38	2	40		65	65	6	8	14	90	52	142	23	
11/11/2021							148	31	179		164	164	2		2	8		8		
11/12/2021	1		1	9		9	110	40	150		139	139	36	1	37	11	8	19		
11/13/2021								1	1		24	24	108	92	200	15	11	26		
11/14/2021								1	1				39	42	81	87	47	134	10	
11/15/2021							106		106		41	41	63	11	74	121	52	173		
11/16/2021				1		1	152	50	202		150	150	2		2	22	5	27		
11/17/2021							37	44	81		108	108	55		55	57	26	83	20	
11/18/2021				1	1	2		24	24		24	24				149	79	228	44	
11/19/2021							87	46	133		51	51				91	58	149	21	
11/20/2021							47	35	82		114	114	85		85	3		3		
11/21/2021							166	30	196		164	164	1		1					
11/22/2021		1	1				180	37	217		168	168	1		1					1
11/23/2021				13		13	43	70	113	103	135	238				10	2	12	12	
11/24/2021	1		1	1		1					27	27				146	86	232	48	
11/25/2021							1		1	12	48	60				146	76	222	43	
11/26/2021	1		1				69	71	140	144	167	311								
11/27/2021							35	54	89	131	129	260								
11/28/2021							52	67	119	138	152	290		2	2					
11/29/2021							31	63	94	62	139	201	51		51	62	33	95	24	
11/30/2021		1	1	11		11	27	48	75	39	116	155	30		30	82	45	127	27	
Total	4	3	7	173	1	174	1,275	999	2,274	629	2,553	3,182	679	175	854	1,837	993	2,830	443	1,

Operations by runway



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Hourly movement summary

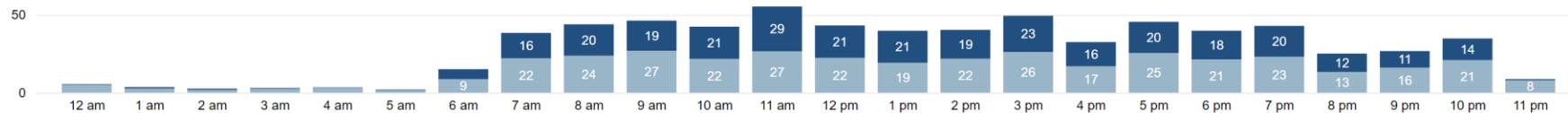
November 2021

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
11/1/2021		3		1		2	9	23	22	24	26	26	22	25	14	23	14	22	11	18	11	16	23	6	341
11/2/2021	3	4	2	3	7	2	5	16	15	17	20	14	18	17	10	17	15	16	11	14	10	18	22	13	289
11/3/2021	6	4		3	6		10	24	16	24	14	15	10	18	13	21	10	20	13	15	11	12	21	8	294
11/4/2021	6	8		1	5	3	8	20	12	21	14	26	14	16	17	18	17	19	11	14	19	14	24	9	316
11/5/2021	8	4	3	2	4	4	5	21	23	26	14	24	21	23	21	26	21	26	32	23	9	12	10	2	364
11/6/2021		2				2	4	13	21	18	17	25	15	17	12	14	9	9	13	12	10	9	13		235
11/7/2021	1	2		1			6	12	12	13	13	24	20	18	15	25	15	24	18	18	12	12	14		275
11/8/2021	1						8	16	27	27	17	28	28	16	18	26	12	23	16	19	11	15	21	10	339
11/9/2021	6	4	2	3	7	2	8	19	22	22	21	22	17	18	16	16	11	21	16	21	9	20	22	5	330
11/10/2021	7	5	2	4	3	3	3	22	14	28	21	24	14	15	19	21	17	21	17	17	9	16	22	8	332
11/11/2021	6	3	4	4	5	1	9	18	19	23	21	28	16	15	20	20	15	20	21	22	15	16	22	10	353
11/12/2021	2	2		1		5	4	16	20	25	19	26	21	20	25	34	18	32	25	24	11	11	13	1	355
11/13/2021			1	2			5	17	24	18	20	29	17	19	19	11	16	13	9	16	7	7	10	3	263
11/14/2021							4	14	16	13	16	27	18	19	14	30	21	20	19	21	11	8	16	1	288
11/15/2021		1					9	25	32	32	28	27	29	22	25	27	14	24	21	19	11	13	20	15	394
11/16/2021	9	2	6	5	4		10	23	27	25	26	25	22	16	13	27	13	28	14	21	16	17	20	13	382
11/17/2021	6	1		5	4		7	24	25	29	21	30	19	14	22	26	14	29	19	22	7	17	20	8	369
11/18/2021	7	4	1	6	1	3	11	21	27	27	24	33	21	14	25	27	25	33	26	34	12	14	25	7	428
11/19/2021	6	3	5	3	3	2	7	23	22	27	21	26	34	23	31	35	19	30	30	32	22	17	18		439
11/20/2021	1	2	1			1	6	21	19	27	23	33	22	18	17	14	13	14	13	10	9	7	13		284
11/21/2021		1	1				7	12	20	11	22	24	26	23	20	33	20	29	29	35	16	16	16		361
11/22/2021							10	24	27	36	28	25	28	29	26	28	16	24	15	22	10	15	20	5	388
11/23/2021	5	2	4	3	5	2	11	25	28	27	24	27	21	15	21	25	11	28	22	21	13	17	27	8	392
11/24/2021	7	1	4	3	5	2	9	27	26	28	24	30	19	15	30	33	14	26	26	25	14	17	23	7	415
11/25/2021	11	2	2	2	8	1	12	19	26	22	24	29	24	21	28	32	20	23	26	35	23	21	23	13	447
11/26/2021	7	2					11	27	23	31	15	30	36	24	28	33	29	31	37	33	20	16	16	3	452
11/27/2021	1		1	1			11	28	33	33	29	38	24	24	18	21	12	10	14	13	13	10	13	2	349
11/28/2021			2		2		8	13	16	22	25	30	24	26	33	38	18	41	32	33	16	16	16		411
11/29/2021	2						13	27	36	38	30	37	28	29	34	28	28	35	32	28	16	19	19	15	494
11/30/2021	6	4	5	6	3	2	12	26	33	32	26	32	30	18	24	31	20	29	29	29	14	20	29	9	469
Total	114	66	46	59	72	37	242	616	683	746	643	814	658	587	628	760	497	720	617	666	387	438	571	181	10,848

Average daily operations by hour of day

● Weekday ● Weekend



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Mode utilization summary

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Duration of mode use

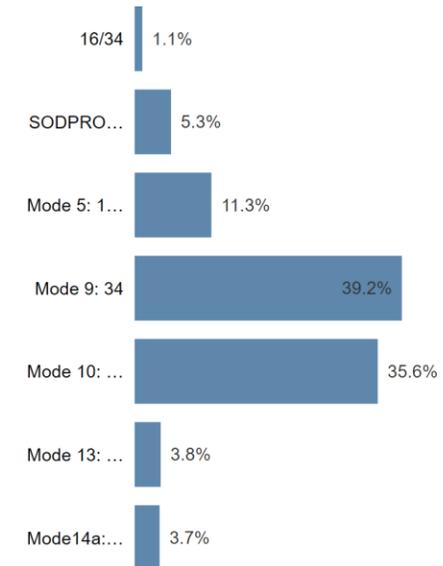
Date	Curfew	16/34	SODPROPS	Mode 5: 16/25	Mode 7: 25/34	Mode 9: 34	Mode 10: 16	Mode 12: 07	Mode 13: 25	Mode 14a: 16/07	Other	Total
11/1/2021	07:00	00:15	03:58			12:47						24:00
11/2/2021	07:00	00:19	04:49			11:52						24:00
11/3/2021	07:00	00:13				16:47						24:00
11/4/2021	07:00	00:04				15:53	01:03					24:00
11/5/2021	07:00	00:17				16:43						24:00
11/6/2021	07:00	00:16				16:44						24:00
11/7/2021	07:00	00:05		07:20		06:35	00:55		02:06			24:00
11/8/2021	07:00	00:10		07:23			04:50			04:37		24:00
11/9/2021	07:00	00:09		06:30						10:21		24:00
11/10/2021	07:00	00:17				11:54	04:09		00:39			24:00
11/11/2021	07:00						17:00					24:00
11/12/2021	07:00	00:16	01:31	03:57			09:09			02:07		24:00
11/13/2021	07:00	00:20		03:40		02:21			10:39			24:00
11/14/2021	07:00	00:16	01:12			12:07			03:25			24:00
11/15/2021	07:00		09:16	04:31		00:34			02:39			24:00
11/16/2021	07:00		01:43				15:17					24:00
11/17/2021	07:00	00:16		05:50		06:06	04:49					24:00
11/18/2021	07:00		02:47			14:13						24:00
11/19/2021	07:00	00:16	01:40			09:13	05:50					24:00
11/20/2021	07:00	00:14		10:38			06:08					24:00
11/21/2021	07:00	00:14					16:46					24:00
11/22/2021	07:00		00:12				16:48					24:00
11/23/2021	07:00	00:15	00:03			00:37	15:29			00:37		24:00
11/24/2021	07:00	00:15				16:45						24:00
11/25/2021	07:00	00:08				15:32	01:20					24:00
11/26/2021	07:00	00:01					16:59					24:00
11/27/2021	07:00	00:20					16:40					24:00
11/28/2021	07:00	00:24					16:36					24:00
11/29/2021	07:00	00:09		04:49		05:42	06:20					24:00
11/30/2021	07:00	00:14		02:46		07:22	05:40			00:59		24:00
Total	210:00	05:43	27:11	57:23		199:47	181:47		19:28	18:40		720:00

Days with a mode used in excess of 9 hours

25 Any Mode 12 Mode 9 9 Mode 10

10 At any time 10 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%	7.9%	4.1%	0.0%	43.2%	40.7%		2.2%	1.2%
Time	1.5%	10.5%	7.0%	0.1%	42.1%	33.2%		3.5%	2.1%

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Nov-21



Runway 16 Precision Runway Monitor operations

November
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

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Seasonal mode

Select a month :

Nov-21

Runway 34 departures maintaining heading

November
2021

993

Flights departing from runway 34L

17

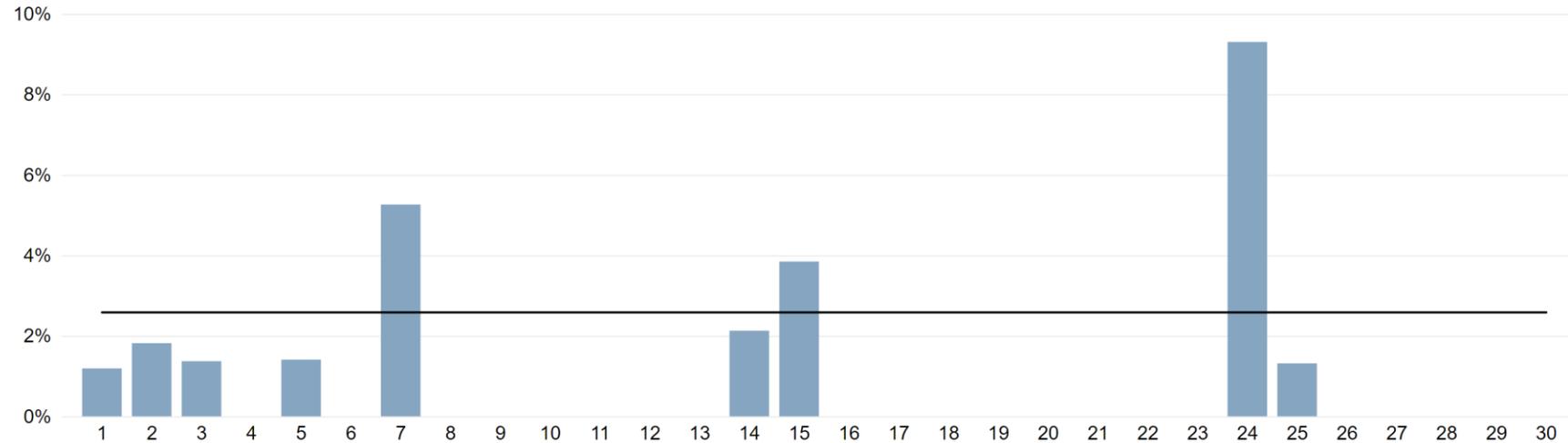
Flights maintaining runway heading

1.71%

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 :

Nov-21

Noise sharing during non-peak hours

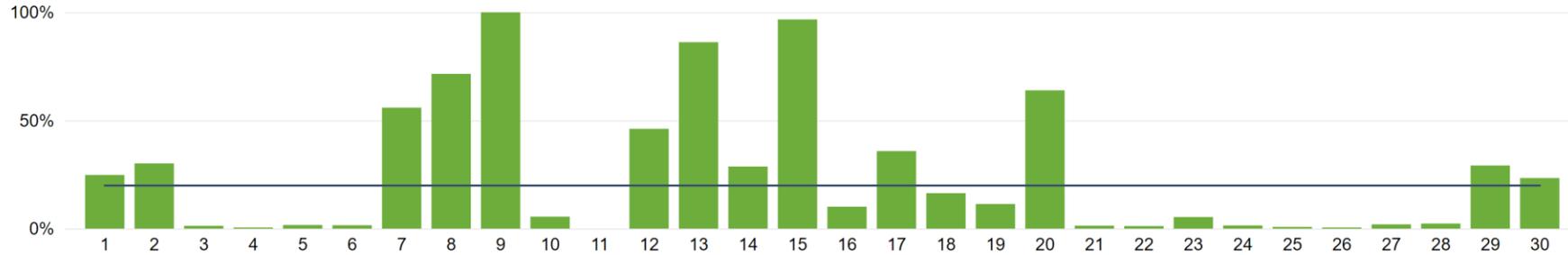
November 2021

Noise sharing time by month



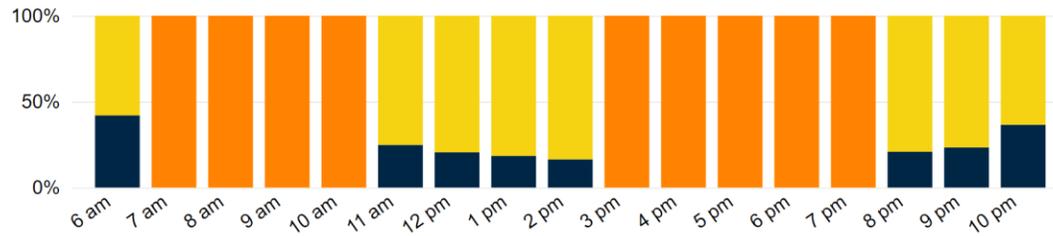
By day

● Noise Sharing Time — Average last 13 months

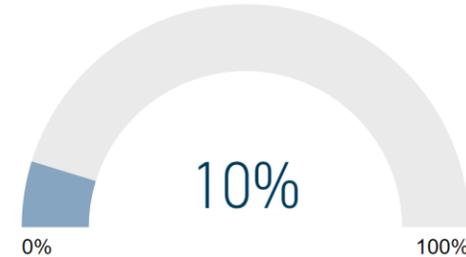


By hour

● Time spent ● Non-peak periods ● Peak periods



Flights during noise sharing



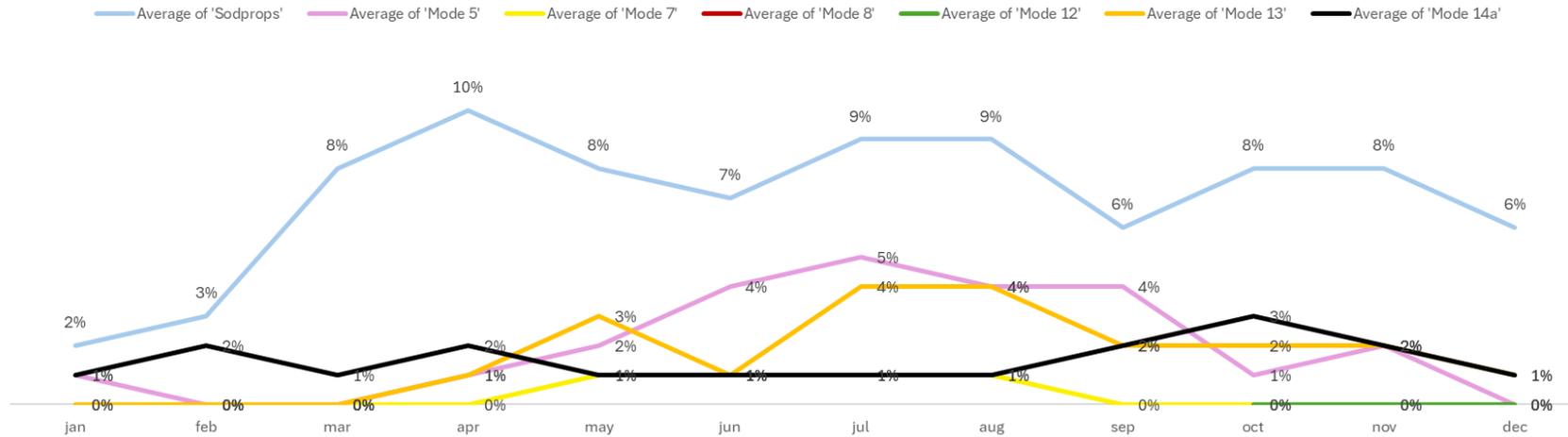
Note :

- 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

