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Select a month :

Dec-21

Summary (Preview)

December
2021

Preview

LTOP

Mode Usage

Total Runway Movements

2021		2020	
Dec-21	Nov-21	Dec-20	Nov-20
18,738 Total	10,848 Total	13,385 Total	8,821 Total
604 Daily Avg	362 Daily Avg	432 Daily Avg	294 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	Dec-21	Nov-21
North	17%	▲ 32.46%	▲ 26.71%
South	55%	▼ 53.85%	▲ 53.76%
East	13%	▼ 12.68%	▼ 16.25%
West	15%	▼ 0.99%	▼ 3.21%

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

Mode Utilization

Number of days individual mode used in excess of 9 hours

28

Airport Mode	Days
Mode 10	17
Mode 9	11

10.68%

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)

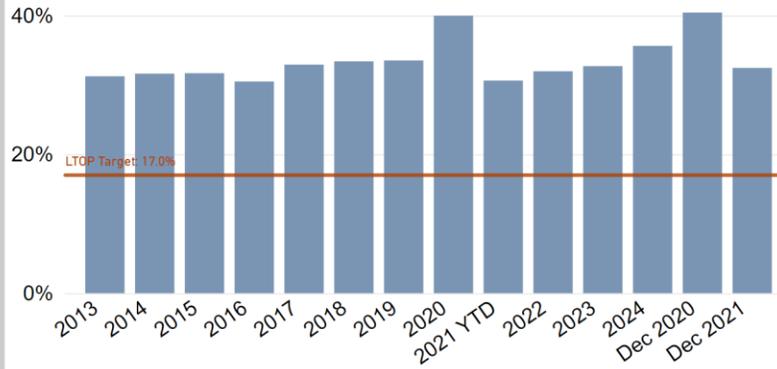
December 2021

Preview

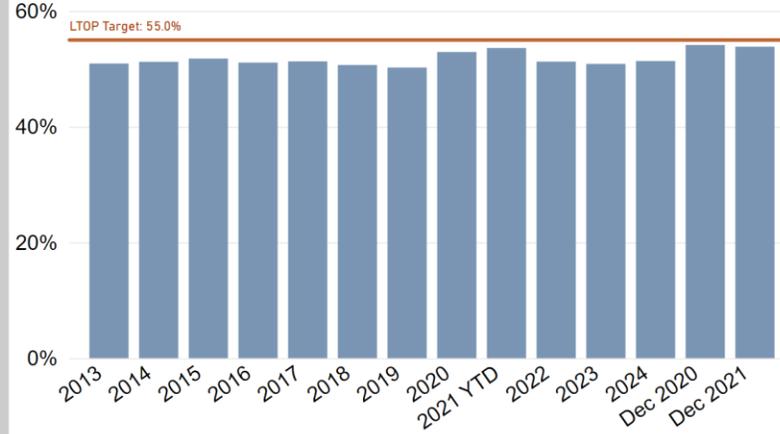
LTOP

Mode Usage

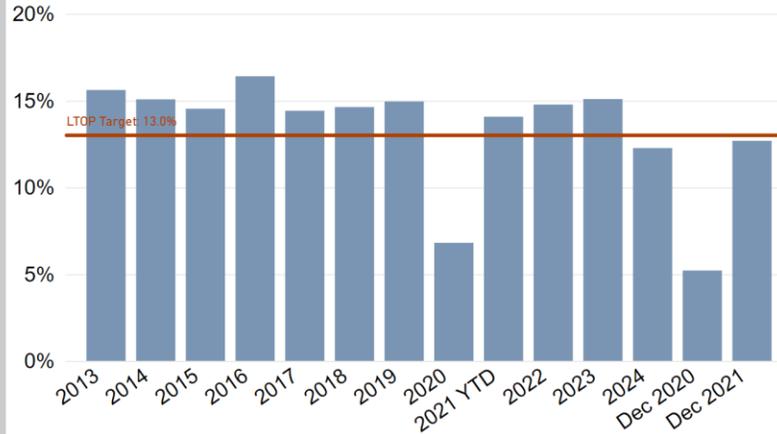
Northern runway end impact (16L and 16R arrivals plus 34L departures)



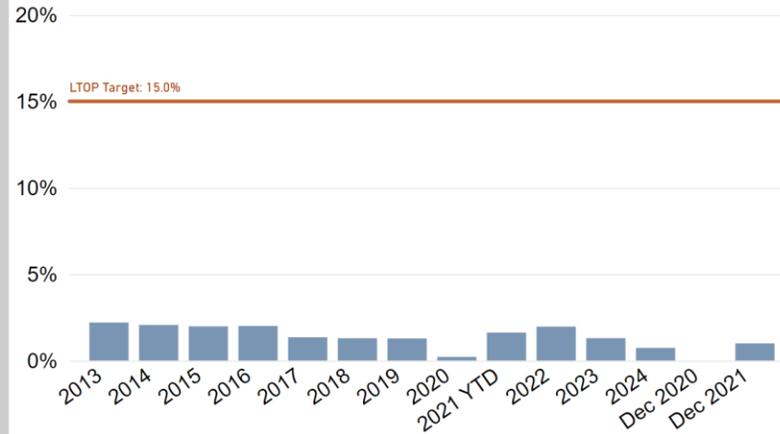
Southern runway end impact (16L and 16R departures plus 34L and 34R arrivals)



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



Western runway end impact (07 arrivals plus 25 departures)



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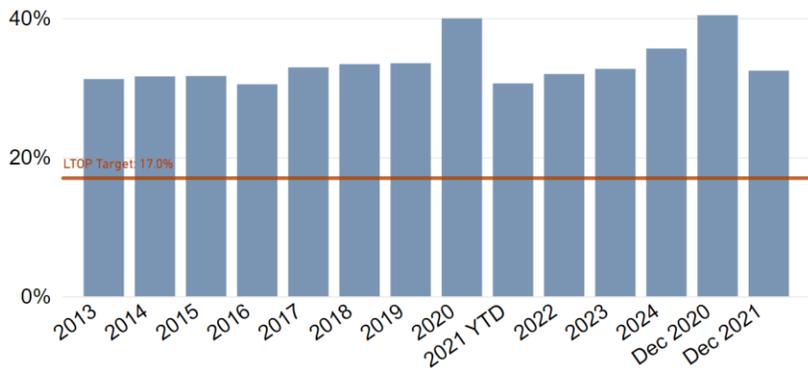
Dec-21



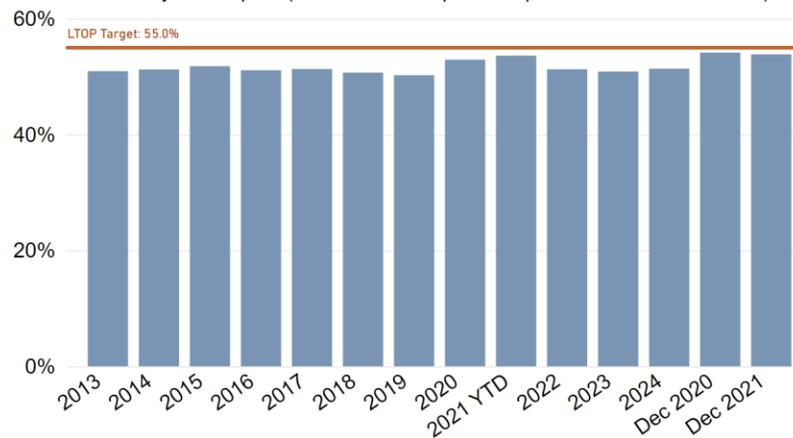
LTOP Targets

December 2021

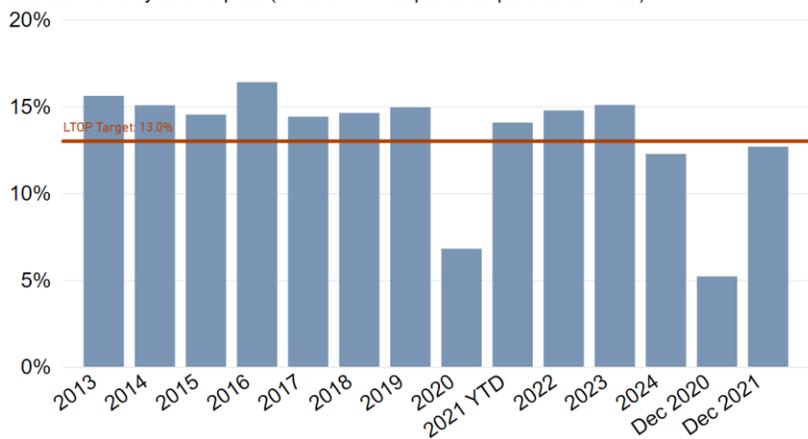
Northern runway end impact (16L and 16R arrivals plus 34L departures)



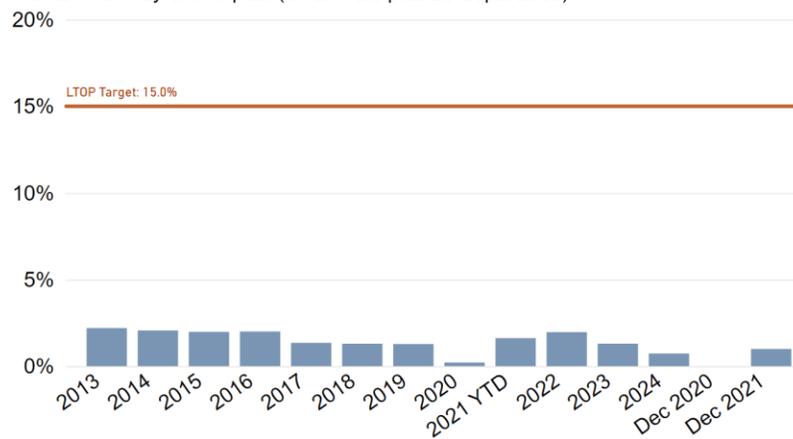
Southern runway end impact (16L and 16R departures plus 34L and 34R arrivals)



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

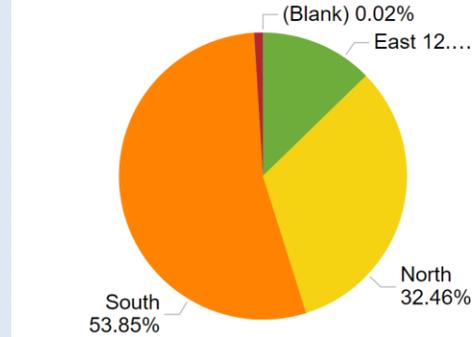
December 2021

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	Total
12/1/2021				122	122			106	106		27	184	46	257	3		3	
12/2/2021				142	142			104	104		1	24	181	44	250			
12/3/2021	1	1	8		8	74	123	17	214	90	165	47		302				
12/4/2021						49	124		173	63	123			186				
12/5/2021						58	141		199	72	164	3		239				
12/6/2021				154	154			110	110		14	187	55	256	1	1		
12/7/2021				91	91			102	102	47	26	184	45	302				
12/8/2021						85	156		241	75	196	9		280				
12/9/2021			2	2	4	88	150	2	240	80	205	14		299	1	2		
12/10/2021	1	1	2	94	96	59	87	62	208	40	114	100	30	284				
12/11/2021			5		5	80	120		200	74	150			224				
12/12/2021			7		7	58	164		222	87	179			266				
12/13/2021			15		15	94	179	2	275	148	206	10		364				
12/14/2021						70	196	1	267	124	217	17		358	1	1		
12/15/2021			182	182		14	37	104	155	24	56	181	79	340		1		
12/16/2021						72	125		197	133	246	10		389	107	107		
12/17/2021			3	166	169	49	77	75	201	90	110	146	79	425				
12/18/2021				222	222			98	98	10	6	192	81	289				
12/19/2021			40	199	239			93	93	1	3	153	86	243	66	66		
12/20/2021			52	141	193	45	57	68	170	95	120	121	73	409				
12/21/2021			41		41	95	134	11	240	175	203	54		432				
12/22/2021						130	194		324	182	233	10		425				
12/23/2021				135	135	59	97	75	231	80	139	118	77	414	1	1		
12/24/2021	1	1				126	192		318	178	203	7		388				
12/25/2021				170	170		2	80	82	8	7	167	29	211	2	2		
12/26/2021			12		12	87	164		251	159	170	4		333				
12/27/2021						113	194		307	203	202	1		406				
12/28/2021						113	194		307	187	208	1		396	2	2		
12/29/2021			49		49	86	169		255	180	197	4		381				
12/30/2021				146	146			101	101	131	22	234	70	457				
12/31/2021				174	174			91	91	22	14	195	55	286				
Total	3	3	236	2,140	2,376	1,704	3,076	1,302	6,082	2,759	3,949	2,534	849	10,091	118	68	186	18

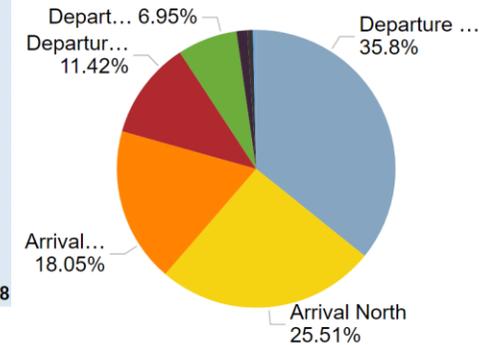
Total operations by compass direction

(Blank) East North South West



Arrivals/departures by direction

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



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All

Runway use summary

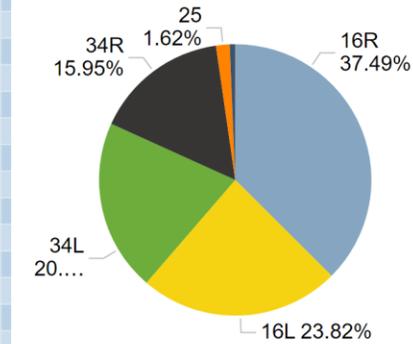
December 2021

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			
12/1/2021				3	3				27	27				184	106	290	46	122		
12/2/2021							1	1	24	24				181	104	285	44	142		
12/3/2021	1		1				74	90	164	123	165	288	8		8	47	17	64		
12/4/2021							49	63	112	124	123	247								
12/5/2021							58	72	130	141	164	305				3		3		
12/6/2021				1	1					14	14				187	110	297	55	154	
12/7/2021								47	47		26	26			184	102	286	45	91	
12/8/2021							85	75	160	156	196	352			9		9			
12/9/2021				1	1		88	80	168	150	205	355	2	1	3	14	2	16		2
12/10/2021		1	1				59	40	99	87	114	201	2		2	100	62	162	30	94
12/11/2021							80	74	154	120	150	270	5		5					
12/12/2021							58	87	145	164	179	343	7		7					
12/13/2021							94	148	242	179	206	385	15		15	10	2	12		
12/14/2021				1	1		70	124	194	196	217	413			17	1	18			
12/15/2021							14	24	38	37	56	93		1	1	181	104	285	79	182
12/16/2021				107	107		72	133	205	125	246	371			10		10			
12/17/2021							49	90	139	77	110	187	3		3	146	75	221	79	166
12/18/2021								10	10		6	6				192	98	290	81	222
12/19/2021								1	1		3	3	40	66	106	153	93	246	86	199
12/20/2021							45	95	140	57	120	177	52		52	121	68	189	73	141
12/21/2021							95	175	270	134	203	337	41		41	54	11	65		
12/22/2021							130	182	312	194	233	427				10		10		
12/23/2021				1	1		59	80	139	97	139	236				118	75	193	77	135
12/24/2021	1		1				126	178	304	192	203	395				7		7		
12/25/2021				2	2			8	8	2	7	9				167	80	247	29	170
12/26/2021							87	159	246	164	170	334	12		12	4		4		
12/27/2021								113	203	194	202	396				1		1		
12/28/2021				2	2		113	187	300	194	208	402				1		1		
12/29/2021							86	180	266	169	197	366	49		49	4		4		
12/30/2021								131	131		22	22				234	101	335	70	146
12/31/2021								22	22		14	14				195	91	286	55	174
Total	2	1	3	118	118	1,704	2,759	4,463	3,076	3,949	7,025	236	68	304	2,534	1,302	3,836	849	2,140	

Operations by runway

● 16R ● 16L ● 34L ● 34R ● 25 ● 07



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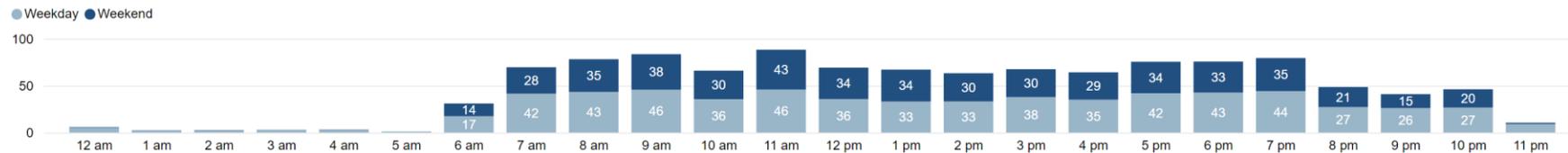
Hourly movement summary

December 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
12/1/2021	6	3	3	3	7	1	9	34	40	37	26	37	26	22	27	27	20	37	21	37	19	16	18	12	488
12/2/2021	6	1	3	4	2	4	8	30	37	34	22	44	25	23	27	24	31	34	36	29	13	21	25	13	496
12/3/2021	8	3	3	3	6		14	25	34	39	24	44	28	38	25	26	32	35	43	41	19	16	19		525
12/4/2021							8	25	41	29	30	39	24	30	21	9	20	20	13	16	12	11	10	1	359
12/5/2021			1		1		11	17	26	24	21	31	21	32	29	36	23	39	34	40	21	12	16	3	438
12/6/2021							18	39	37	46	26	40	36	28	26	30	26	34	37	31	13	22	23	9	521
12/7/2021	6	1	3	2	3	3	16	33	37	35	30	34	22	25	23	15	21	35	33	37	27	19	25	10	495
12/8/2021	4	1	4	1			14	45	40	42	19	46	26	20	25	27	27	28	36	43	19	21	19	14	521
12/9/2021	8	1		6	3	2	13	38	46	36	27	43	26	26	24	28	27	31	38	39	21	23	27	12	545
12/10/2021	10	4	1	4	4	2	22	45	42	44	29	32	16	36	29	38	46	33	45	43	24	17	17	6	589
12/11/2021							16	38	36	42	33	45	30	26	20	15	21	24	20	22	16	9	16		429
12/12/2021	2						10	21	27	36	20	33	32	34	35	31	37	44	40	42	18	17	16		495
12/13/2021	1	1	2			1	21	52	42	58	35	49	34	34	34	40	36	46	46	39	23	22	24	14	654
12/14/2021	5	4	4	5	6	2	21	46	44	47	37	33	31	29	30	36	37	42	48	31	27	23	26	12	626
12/15/2021	6	4	3	3	6		24	46	45	55	37	51	32	35	25	34	50	40	43	43	35	21	29	11	678
12/16/2021	8	4	2	6	1	2	19	48	48	59	34	48	33	30	43	32	41	43	47	47	29	24	38	7	693
12/17/2021	7	3	3	4	5		22	54	45	52	48	59	48	43	41	39	50	56	50	57	44	30	31	4	795
12/18/2021		2					13	47	47	56	38	57	49	37	34	31	38	31	40	30	19	14	24	2	609
12/19/2021	1						17	22	40	38	35	44	40	38	41	34	40	42	54	59	38	23	33	2	641
12/20/2021	1			2			21	47	49	52	48	53	48	39	44	44	48	50	53	57	30	44	27	15	772
12/21/2021	10	4	8	4	4	2	18	42	49	49	40	52	41	38	34	39	38	42	41	46	33	28	38	13	713
12/22/2021	6	3	1	3	3	2	25	42	46	50	40	48	53	34	38	49	32	52	48	52	32	37	38	15	749
12/23/2021	6	6	3	4	7		26	45	53	50	37	46	46	36	39	50	35	40	50	65	34	45	40	18	781
12/24/2021	6	3	4	6	2		15	51	45	45	42	60	47	43	44	44	39	50	36	53	27	22	23		707
12/25/2021							18	29	31	35	33	44	28	34	26	30	26	22	24	32	24	12	15	2	465
12/26/2021	2		2		2		15	26	31	43	33	47	44	41	34	51	28	46	39	41	23	21	26	1	596
12/27/2021	2		1			1	18	41	47	46	48	55	45	39	39	50	36	49	53	52	35	29	27		713
12/28/2021			1				17	38	44	49	47	53	36	40	35	51	40	51	57	45	32	35	31	3	705
12/29/2021		1	1				12	43	40	43	41	48	42	39	36	54	34	55	46	48	33	32	29	8	685
12/30/2021	5	1	2	5	2	2	16	40	45	41	48	44	38	30	46	52	32	46	48	45	38	37	29	12	704
12/31/2021	8	1		7	3	3	13	31	42	42	35	35	43	35	32	43	30	37	27	37	18	17	10	2	551
Total	124	51	55	72	67	27	510	1,180	1,276	1,354	1,063	1,394	1,090	1,034	1,006	1,109	1,041	1,234	1,246	1,299	796	720	769	221	18,738

Average daily operations by hour of day



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Mode utilization summary

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2021

Duration of mode use

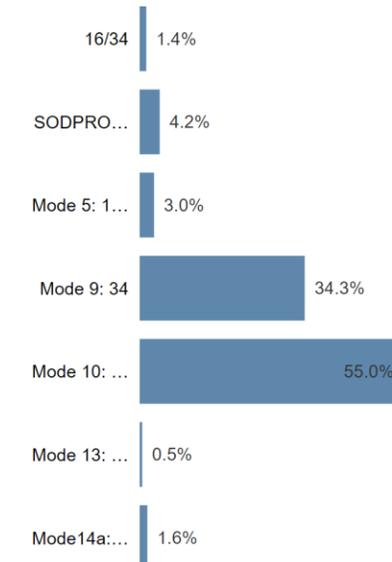
Date	Curfew	16/34	SODPROPS	Mode 5: 16/25	Mode 7: 25/34	Mode 9: 34	Mode 10: 16	Mode 12: 07	Mode 13: 25	Mode 14a: 16/07	Other	Total
12/1/2021	07:00	00:20				16:40						24:00
12/2/2021	07:00	00:10				16:50						24:00
12/3/2021	07:00	00:11	03:31	00:36			12:42					24:00
12/4/2021	07:00	00:16		01:08			15:36					24:00
12/5/2021	07:00	00:15					16:45					24:00
12/6/2021	07:00	00:22				16:38						24:00
12/7/2021	07:00	00:19	04:14			12:27						24:00
12/8/2021	07:00	00:13					16:47					24:00
12/9/2021	07:00					00:51	16:09					24:00
12/10/2021	07:00	00:05				08:13	08:42					24:00
12/11/2021	07:00	00:16		01:18			15:26					24:00
12/12/2021	07:00	00:25		01:02			15:33					24:00
12/13/2021	07:00	00:13	01:04	01:15			14:28					24:00
12/14/2021	07:00	00:17	00:36				16:02			00:04		24:00
12/15/2021	07:00	00:15	01:34			12:26	02:45					24:00
12/16/2021	07:00						12:54			07:14		27:07
12/17/2021	07:00	00:10		00:48		10:20	05:42					24:00
12/18/2021	07:00	00:21	00:52			15:47						24:00
12/19/2021	07:00	00:16				13:55			02:49			24:00
12/20/2021	07:00	00:14		03:28		08:44	04:33					24:00
12/21/2021	07:00	00:05	02:01	02:46			12:08					24:00
12/22/2021	07:00	00:13					16:47					24:00
12/23/2021	07:00	00:15				08:28	08:17					24:00
12/24/2021	07:00	00:15					16:45					24:00
12/25/2021	07:00	00:16				15:34				01:10		24:00
12/26/2021	07:00	00:16		00:46			15:58					24:00
12/27/2021	07:00	00:14					16:46					24:00
12/28/2021	07:00	00:16					16:44					24:00
12/29/2021	07:00	00:16		02:46			13:58					24:00
12/30/2021	07:00	00:11	06:35			10:14						24:00
12/31/2021	07:00	00:22	01:42				14:56					24:00
Total	217:00	07:17	22:10	15:54		182:02	291:27		02:49	08:28		747:07

Days with a mode used in excess of 9 hours

28 11 17
Any Mode Mode 9 Mode 10

9 9
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%	7.4%	4.0%	0.0%	42.1%	42.7%		2.0%	1.2%
Time	1.5%	9.9%	6.6%	0.1%	41.4%	35.1%		3.2%	2.1%

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Runway 16 Precision Runway Monitor operations

December
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

December
2021

1,302

Flights departing from runway 34L

19

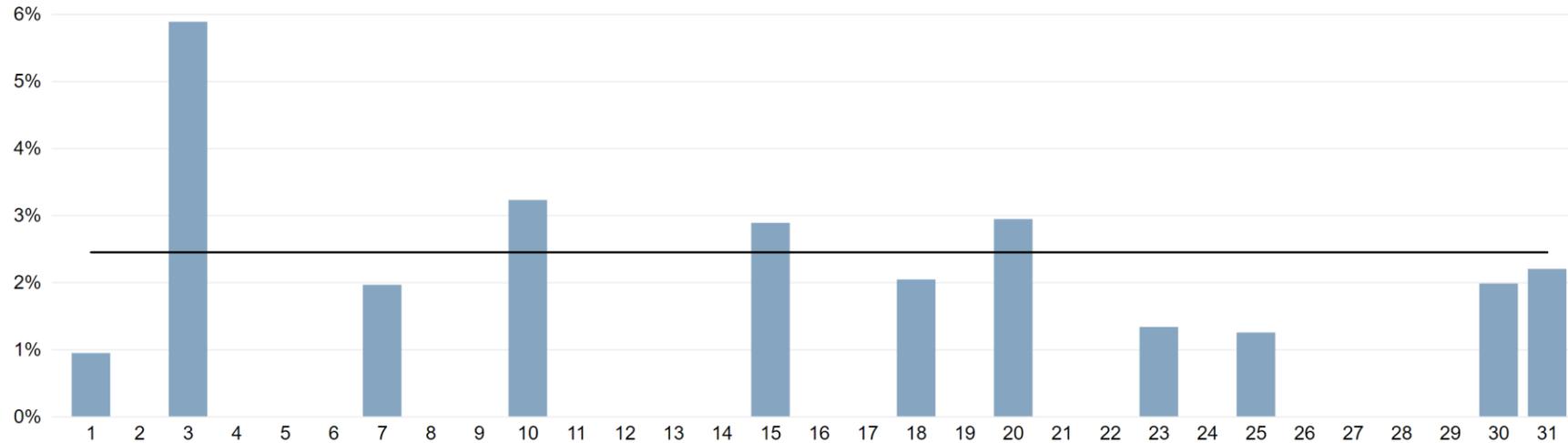
Flights maintaining runway heading

1.46%

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

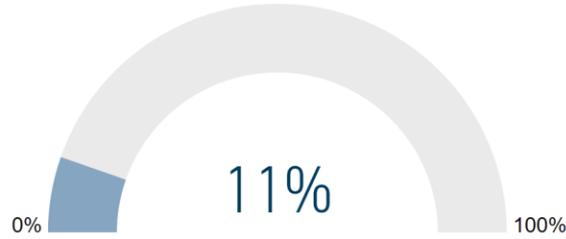
Select a month :

Dec-21

Noise sharing during non-peak hours

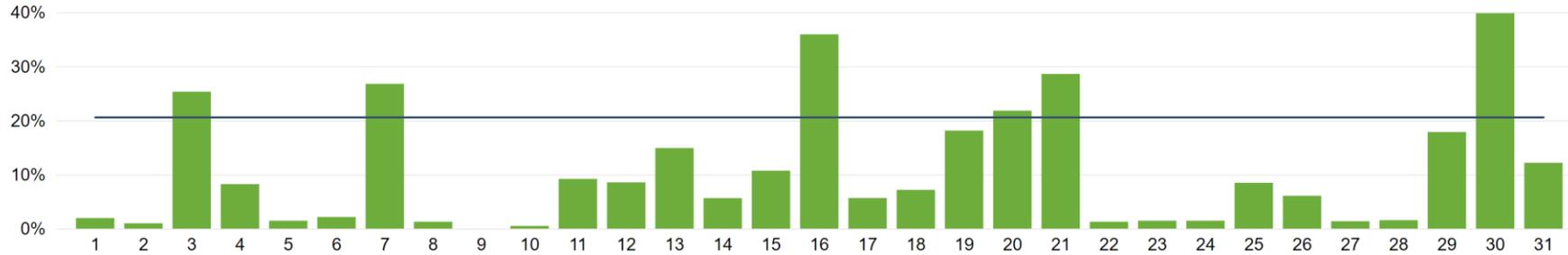
December 2021

Noise sharing time by month



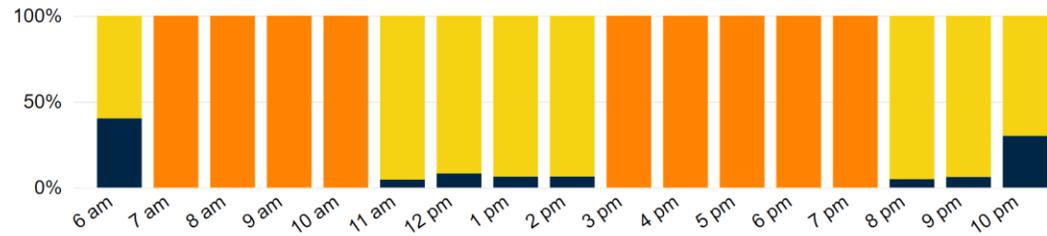
By day

● Noise Sharing Time — Average last 13 months

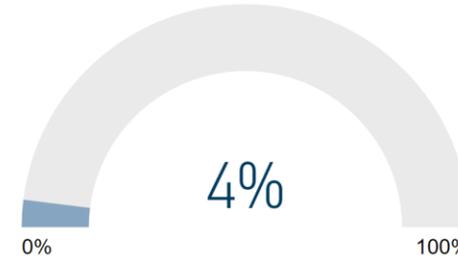


By hour

● Time spent ● Non-peak periods ● Peak periods



Flights during noise sharing



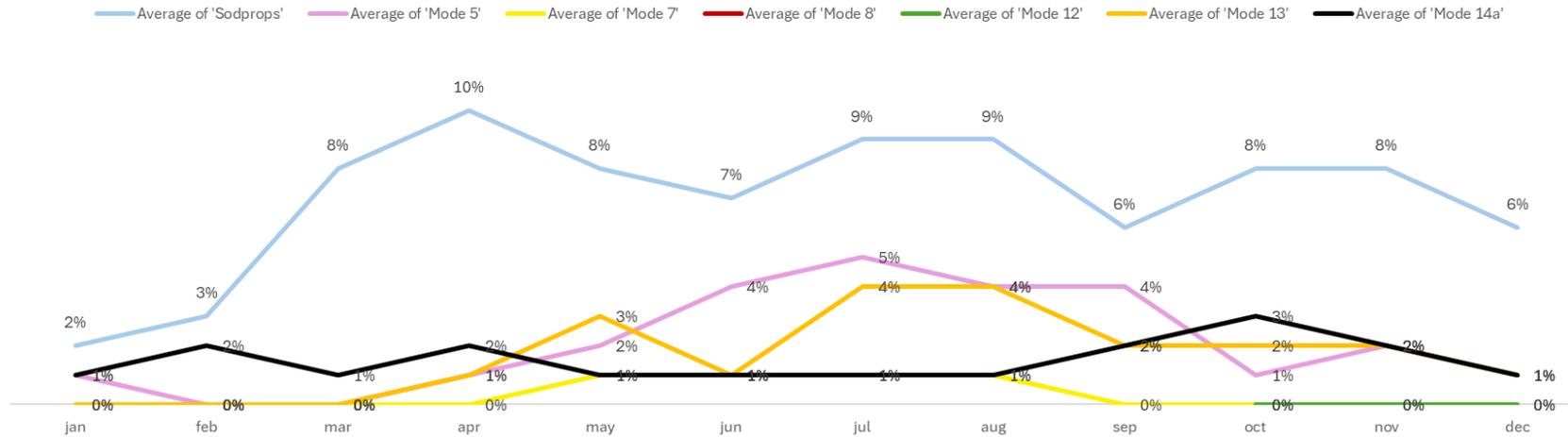
Note :

- 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

