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**Summary**

LTOP targets

Ops by direction

Runway usage

Hourly summary

Mode usage

PRM operations

34L departures

Noise sharing

Seasonal mode

Select a month :

Jan-22

# Summary (Preview)

January  
2022

Preview

LTOP

Mode Usage

### Total Runway Movements

2022		2021	
Jan-22	Dec-21	Jan-21	Dec-20
17,669	18,738	7,996	13,385
Total		Total	
570	604	258	432
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		Jan-22		Dec-21
North	17%	▲	28.51%	▼	32.46%
South	55%	▼	52.18%	▼	53.85%
East	13%	▲	18.18%	▲	12.68%
West	15%	▼	1.10%	▲	0.99%

▼▲ LTOP Target VS Jan-22     
 ▼▲ Jan-22 VS Dec-21

### Mode Utilization

Number of days individual mode used in excess of 9 hours

28

Airport Mode	Days
Mode 9	15
Mode 10	13

11.54%

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)

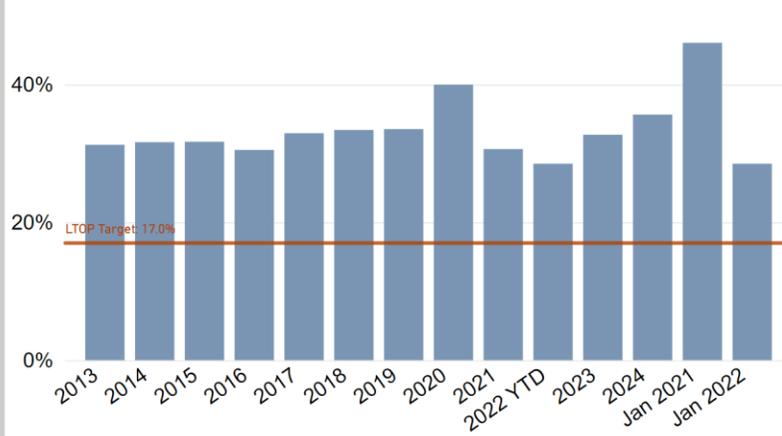
January  
2022

Preview

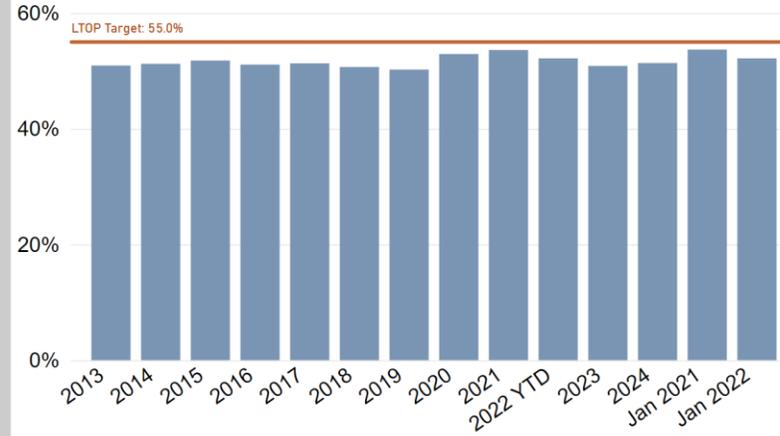
LTOP

Mode Usage

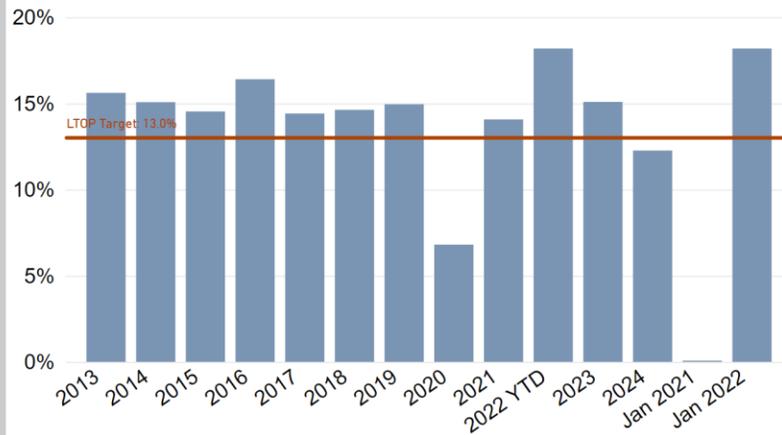
### Northern runway end impact (16L and 16R arrivals plus 34L departures)



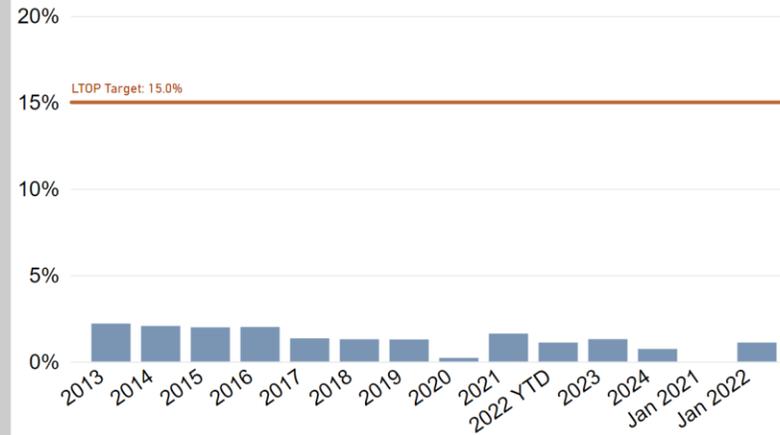
### Southern runway end impact (16L and 16R departures plus 34L and 34R arrivals)



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



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





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**LTOP targets**

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Select a month :

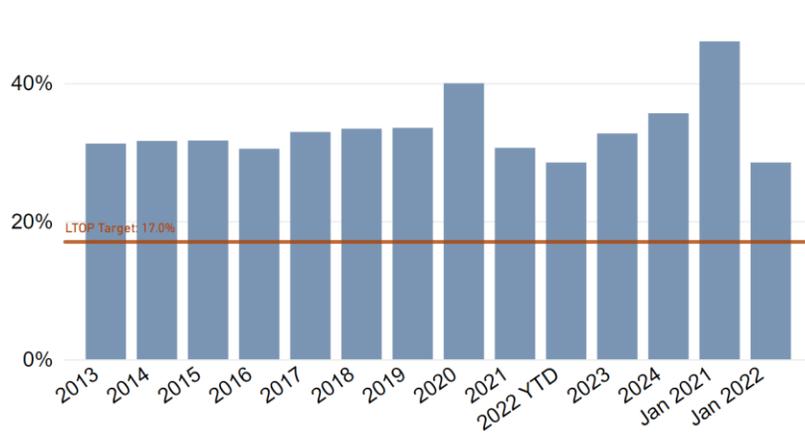
Jan-22



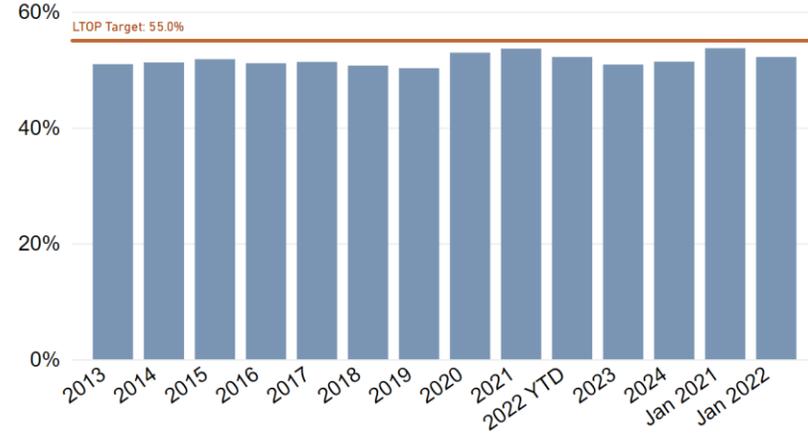
# LTOP Targets

January  
2022

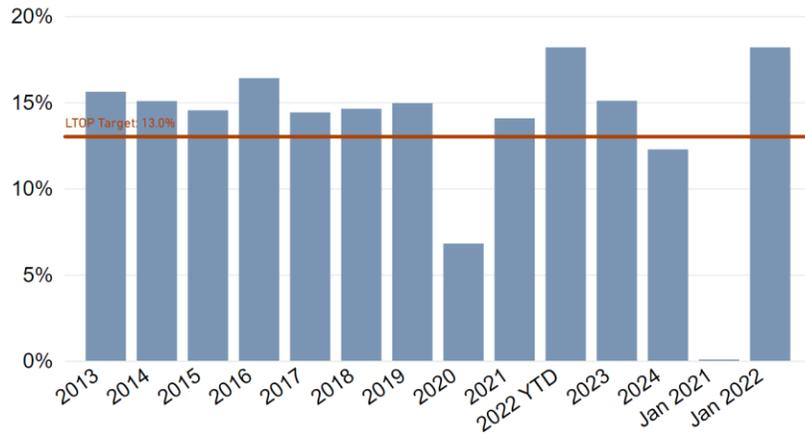
Northern runway end impact (16L and 16R arrivals plus 34L departures)



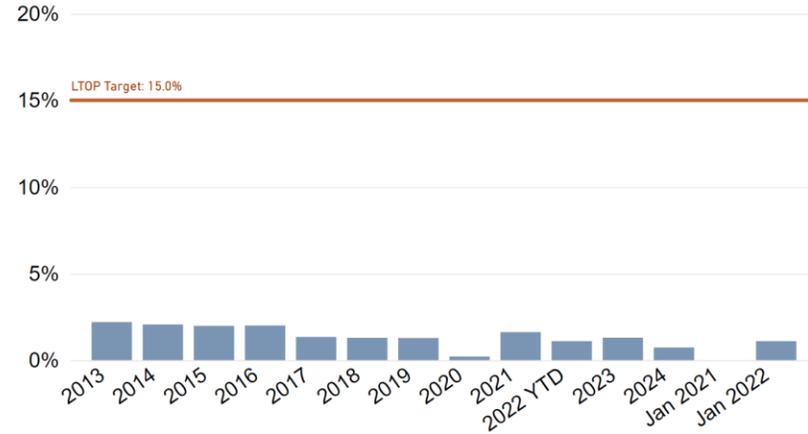
Southern runway end impact (16L and 16R departures plus 34L and 34R arrivals)



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

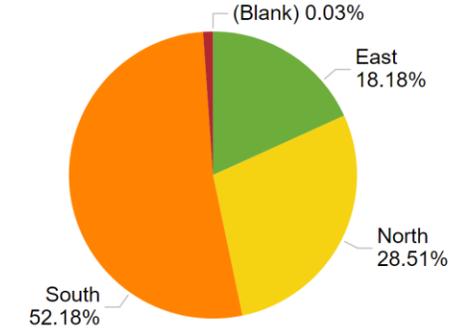
January 2022

Operations by day, direction and runway

Sector	Date	Total	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		Total		
1/1/2022					162	162			87	87			3	145	38	186	1	1	43	
1/2/2022					236	236			96	96			2	181	74	257	1	1	59	
1/3/2022					21	21		83	141	21	245	174	145	48	5	372			63	
1/4/2022							108	183	1	292	176	196	1			373			66	
1/5/2022					14	14		97	138	6	241	157	176	35	12	380	5	5	64	
1/6/2022	2	2	98		171	269			79	79			23	151	61	235	75	75	66	
1/7/2022			1		223	224			110	110			10	179	96	285	1	1	62	
1/8/2022					103	103		37	69	41	147	64	77	60	35	236	28	28	51	
1/9/2022					77	77		72	112		184	153	176			329			59	
1/10/2022					188	188		8	17	96	121	18	29	157	77	281	8	8	59	
1/11/2022					170	170			98	98			1	18	168	73	260		52	
1/12/2022			1			1		55	127		182	122	176	14		312	39	39	53	
1/13/2022								74	155		229	135	176	11		322	1	1	55	
1/14/2022	1	1		4	215	219			111	111		3	20	192	82	297			62	
1/15/2022					150	150			86	86			6	5	149	55	215	10	10	46
1/16/2022	1	1						59	132		191	126	123	1		250	1	1	44	
1/17/2022					201	201			1	105	106	6	11	197	63	277			58	
1/18/2022	1	1						77	158		235	121	177	6		304			54	
1/19/2022								88	165		253	126	186			312	1	1	56	
1/20/2022								88	178		266	146	198	3		347			61	
1/21/2022					31	31		108	156	5	269	150	194	33	6	383			68	
1/22/2022					16	16		57	148		205	128	152	1		281			50	
1/23/2022					49	49		78	135		213	156	186	1		343	10	10	61	
1/24/2022								87	166		253	126	179	4		309			56	
1/25/2022					179	179			98	98			25	182	63	270			54	
1/26/2022					99	99			85	85		99	7	189	45	340	2	2	52	
1/27/2022					138	138			90	90		58	12	195	48	313			54	
1/28/2022					201	201			117	117			19	197	66	282			60	
1/29/2022					170	170			92	92			3	172	41	216			47	
1/30/2022					224	224			110	110		3	3	204	66	276	1	1	61	
1/31/2022					71	71		24	36	86	146	135	40	177	25	377	10	10	60	
<b>Total</b>	<b>5</b>	<b>5</b>	<b>100</b>	<b>146</b>	<b>2,967</b>	<b>3,213</b>	<b>1,200</b>	<b>2,217</b>	<b>1,620</b>	<b>5,037</b>	<b>2,389</b>	<b>2,747</b>	<b>3,053</b>	<b>1,031</b>	<b>9,220</b>	<b>194</b>	<b>194</b>	<b>17,6</b>		

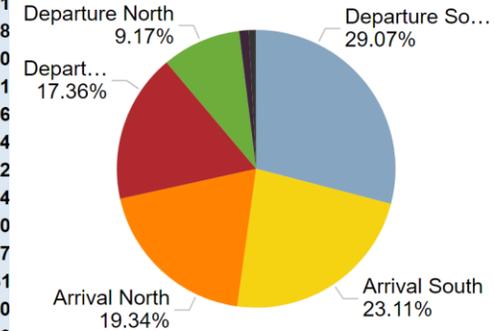
Total operations by compass direction

(Blank) East North South West



Arrivals/departures by direction

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



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All

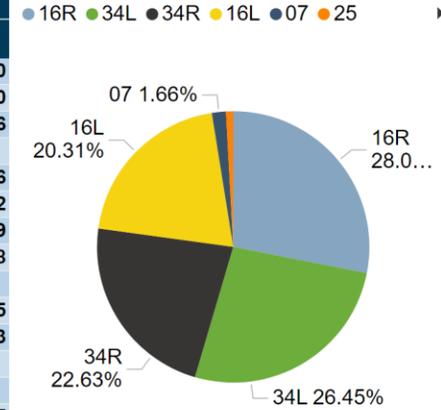
# Runway use summary

January 2022

Operations by day and runway

Runway	07			16L			16R			25		34L			34R					
	Date	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	Arr	Total	Arr	Dep	Total	Arr	Dep	Total		
1/1/2022				1		1					3	3		145	87	232	38	162	200	
1/2/2022				1		1					2	2		181	96	277	74	236	310	
1/3/2022							83	174	257	141	145	286		48	21	69	5	21	26	
1/4/2022							108	176	284	183	196	379		1	1	2				
1/5/2022				5		5	97	157	254	138	176	314		35	6	41	12	14	26	
1/6/2022	1	1	2	75	98	173					23	23		151	79	230	61	171	232	
1/7/2022				1	1	2					10	10		179	110	289	96	223	319	
1/8/2022				28		28	37	64	101	69	77	146		60	41	101	35	103	138	
1/9/2022							72	153	225	112	176	288	77	77						
1/10/2022				8		8	8	18	26	17	29	46		157	96	253	77	188	265	
1/11/2022								1	1		18	18		168	98	266	73	170	243	
1/12/2022				39	1	40	55	122	177	127	176	303		14		14				
1/13/2022				1		1	74	135	209	155	176	331		11		11				
1/14/2022		1	1				3	3	3		20	20	4	4	192	111	303	82	215	297
1/15/2022				10		10		6	6		5	5		149	86	235	55	150	205	
1/16/2022		1	1	1		1	59	126	185	132	123	255		1		1				
1/17/2022							6	6	6	1	11	12		197	105	302	63	201	264	
1/18/2022		1	1				77	121	198	158	177	335		6		6				
1/19/2022				1		1	88	126	214	165	186	351								
1/20/2022							88	146	234	178	198	376		3		3				
1/21/2022							108	150	258	156	194	350		33	5	38	6	31	37	
1/22/2022							57	128	185	148	152	300	16	16	1		1			
1/23/2022				10		10	78	156	234	135	186	321	49	49	1		1			
1/24/2022							87	126	213	166	179	345		4		4				
1/25/2022											25	25		182	98	280	63	179	242	
1/26/2022				2		2		99	99		7	7		189	85	274	45	99	144	
1/27/2022							58	58	58		12	12		195	90	285	48	138	186	
1/28/2022											19	19		197	117	314	66	201	267	
1/29/2022											3	3		172	92	264	41	170	211	
1/30/2022				1		1	3	3	3		3	3		204	110	314	66	224	290	
1/31/2022				10		10	24	135	159	36	40	76		177	86	263	25	71	96	
<b>Total</b>	<b>1</b>	<b>4</b>	<b>5</b>	<b>194</b>	<b>100</b>	<b>294</b>	<b>1...</b>	<b>2,3...</b>	<b>3,5...</b>	<b>2,...</b>	<b>2,...</b>	<b>4,964</b>	<b>1...</b>	<b>146</b>	<b>3,053</b>	<b>1,620</b>	<b>4,673</b>	<b>1...</b>	<b>2,967</b>	<b>3,998</b>

Operations by runway



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Select a type :

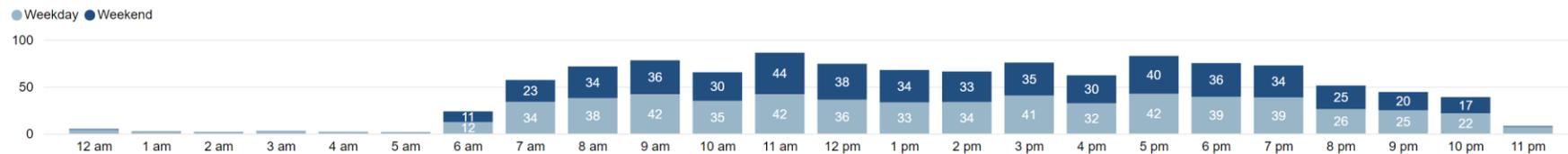
# Hourly movement summary

January  
2022

## 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
1/1/2022			1			1	5	19	30	23	34	34	33	24	31	32	33	32	19	38	20	14	12	1	436
1/2/2022	2					2	17	16	24	36	27	47	34	37	36	41	48	48	41	59	24	25	25	1	590
1/3/2022							13	31	40	50	44	30	35	35	33	43	35	60	53	48	32	28	24	4	638
1/4/2022		1			1		17	39	48	54	40	52	37	37	39	41	39	43	42	38	33	29	31	4	665
1/5/2022	5	3	3	3	5	2	14	38	46	45	39	39	45	32	39	43	30	36	42	46	22	29	19	15	640
1/6/2022	4	3	4	7	3	2	8	38	40	43	34	50	35	33	36	51	39	31	44	54	32	29	27	13	660
1/7/2022	5	7	1	3	4		12	37	39	44	41	38	36	34	34	40	38	43	37	46	25	27	28	1	620
1/8/2022							14	30	47	39	34	40	40	39	34	32	22	32	33	25	20	18	14	1	514
1/9/2022	1			1		1	12	17	24	32	28	44	43	25	38	45	39	51	49	55	31	33	21		590
1/10/2022	2					1	17	34	37	41	40	40	39	34	29	43	40	46	32	42	22	23	22	14	598
1/11/2022	4	3	5	3	2	2	14	32	31	29	22	38	30	25	34	33	29	42	29	40	23	29	18	11	528
1/12/2022	10	2	8	4	4		17	29	31	34	32	32	30	29	27	37	26	35	32	41	23	20	21	10	534
1/13/2022	8	4	3	7	4		13	28	37	32	27	36	34	32	31	30	32	39	28	45	26	25	24	7	552
1/14/2022	7	3	3	7	6		11	43	43	43	34	48	40	44	33	34	36	42	39	43	29	24	16		628
1/15/2022	2						15	31	44	45	21	40	34	31	30	31	25	32	29	4	19	12	16		461
1/16/2022	2			1			8	17	26	36	36	46	40	39	4	3	5	48	44	18	29	21	18	2	443
1/17/2022	1			1			12	38	41	46	27	50	43	36	30	50	33	38	43	31	22	18	17	7	584
1/18/2022	3	1	3	4	3	2	8	32	30	42	28	39	32	27	32	41	29	38	35	30	25	24	26	6	540
1/19/2022	7	4		1			17	25	35	43	32	41	36	28	33	39	33	42	33	29	26	31	22	9	566
1/20/2022	3	2		1			13	37	37	37	30	47	40	32	39	42	33	47	48	40	28	22	25	10	613
1/21/2022	6	3	3	5	3	1	13	38	45	50	48	47	41	37	38	51	37	53	48	50	27	23	16		683
1/22/2022	1						19	31	41	48	27	47	38	31	32	35	26	36	20	18	23	12	15	2	502
1/23/2022		3					8	19	32	30	35	50	40	40	48	56	37	50	45	49	31	25	16	1	615
1/24/2022			1				11	38	41	45	37	47	36	32	32	41	25	41	37	32	22	18	18	8	562
1/25/2022	8	3		4	2	6	10	30	32	32	32	39	30	33	36	41	28	44	33	26	31	20	23	4	547
1/26/2022	2	1	1	1			9	29	31	45	30	37	35	31	36	37	25	42	33	24	25	29	22	1	526
1/27/2022							8	28	24	36	35	40	34	38	27	40	28	42	38	37	26	25	21	14	541
1/28/2022	10	2	5	3	5	2	6	27	36	44	41	38	43	32	39	44	26	46	37	43	27	27	14	3	600
1/29/2022							11	34	40	41	32	44	36	31	31	23	28	29	23	23	26	14	11	1	478
<b>Total</b>	<b>94</b>	<b>45</b>	<b>41</b>	<b>58</b>	<b>44</b>	<b>22</b>	<b>371</b>	<b>944</b>	<b>1,131</b>	<b>1,242</b>	<b>1,037</b>	<b>1,323</b>	<b>1,141</b>	<b>1,044</b>	<b>1,031</b>	<b>1,202</b>	<b>976</b>	<b>1,294</b>	<b>1,182</b>	<b>1,150</b>	<b>798</b>	<b>716</b>	<b>626</b>	<b>157</b>	<b>17,669</b>

## Average daily operations by hour of day



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Jan-22

# Mode utilization summary

January  
2022

Duration of mode use

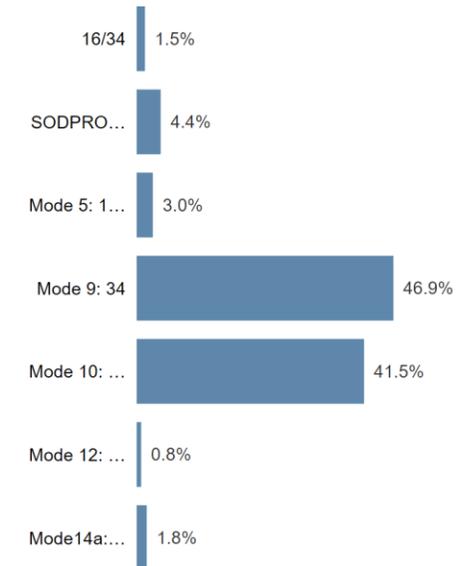
Date	Curfew	16/34	SODPROPS	Mode 5: 16/25	Mode 7: 25/34	Mode 9: 34	Mode 10: 16	Mode 12: 07	Mode 13: 25	Mode14a: 16/07	Other	Total
1/1/2022	07:00	00:16				16:44						24:00
1/2/2022	07:00	00:16				16:44						24:00
1/3/2022	07:00	00:14	03:04			00:58	12:44					24:00
1/4/2022	07:00	00:12				16:48						24:00
1/5/2022	07:00	00:15				02:01	13:46			00:58		24:00
1/6/2022	07:00	00:15				12:23		04:22				24:00
1/7/2022	07:00	00:16				16:44						24:00
1/8/2022	07:00	00:24				06:48	08:08			01:40		24:00
1/9/2022	07:00	00:28		07:43		08:49						24:00
1/10/2022	07:00	00:18				14:15	01:24			01:03		24:00
1/11/2022	07:00	00:06	00:14			16:40						24:00
1/12/2022	07:00	00:11				13:16				03:33		24:00
1/13/2022	07:00	00:12				16:48						24:00
1/14/2022	07:00	00:21		01:02		15:37						24:00
1/15/2022	07:00	00:17	00:41			15:27				00:35		24:00
1/16/2022	07:00	00:16				16:44						24:00
1/17/2022	07:00	00:19	00:32			15:42	00:27					24:00
1/18/2022	07:00	00:01				16:59						24:00
1/19/2022	07:00	00:05				16:55						24:00
1/20/2022	07:00					17:00						24:00
1/21/2022	07:00	00:16	00:29			01:55	14:19					24:00
1/22/2022	07:00	00:16		02:33		14:11						24:00
1/23/2022	07:00	00:16		04:16		11:00				01:28		24:00
1/24/2022	07:00	00:15				16:45						24:00
1/25/2022	07:00	00:21				16:39						24:00
1/26/2022	07:00	00:17	06:31			10:12						24:00
1/27/2022	07:00	00:10	04:33			12:17						24:00
1/28/2022	07:00	00:19				16:41						24:00
1/29/2022	07:00	00:21				16:39						24:00
1/30/2022	07:00	00:22	00:58			15:40						24:00
1/31/2022	07:00	00:25	06:07			07:08	02:54			00:26		24:00
<b>Total</b>	<b>217:00</b>	<b>08:00</b>	<b>23:09</b>	<b>15:34</b>		<b>247:14</b>	<b>218:58</b>	<b>04:22</b>		<b>09:43</b>		<b>744:00</b>

Days with a mode used in excess of 9 hours

28 Any Mode      15 Mode 9      13 Mode 10

9 At any time      9 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%	3.8%	2.4%		47.5%	43.3%	1.0%		1.5%
Time	1.5%	4.4%	3.0%		46.9%	41.5%	0.8%		1.8%

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Runway usage

Hourly summary

Mode usage

PRM operations

34L departures

Noise sharing

Seasonal mode

Select a month :

Jan-22



# Runway 16 Precision Runway Monitor operations

January  
2022

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

January  
2022

1,620

Flights departing from runway 34L

33

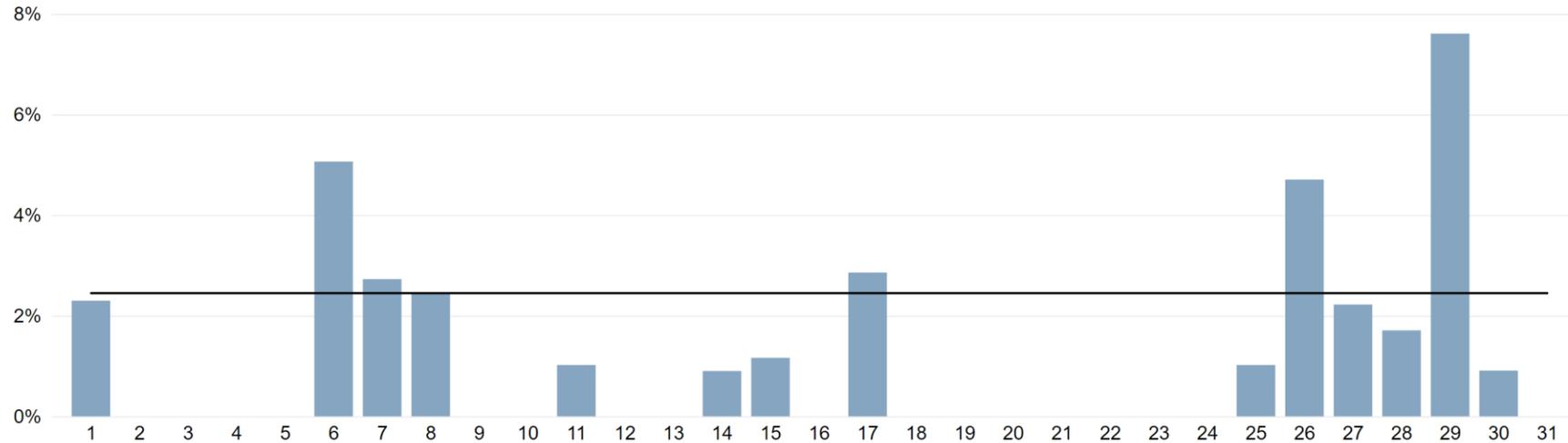
Flights maintaining runway heading

2.04%

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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Select a month :

Jan-22

# Noise sharing during non-peak hours

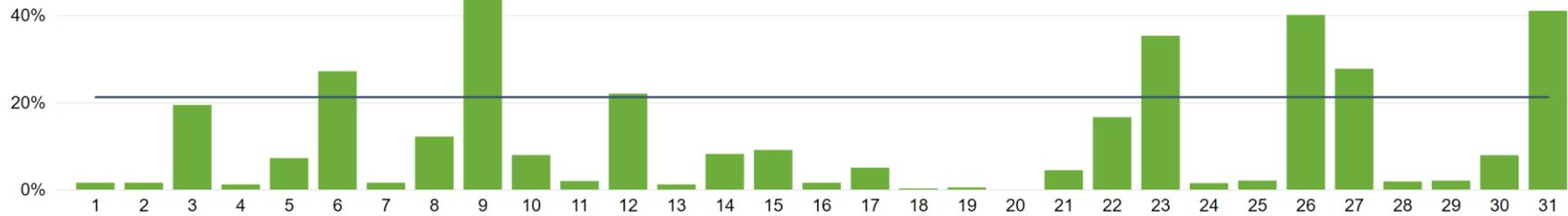
January 2022

Noise sharing time by month



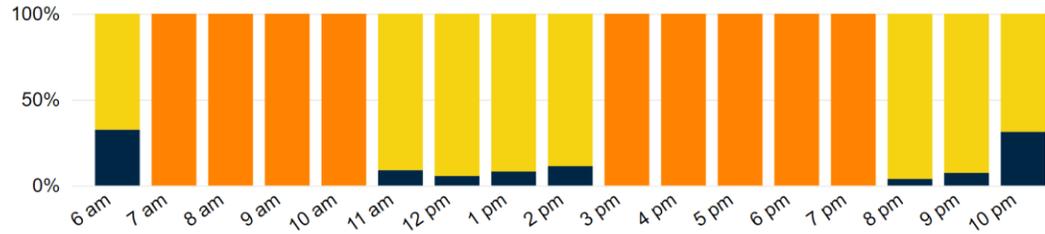
By day

● Noise Sharing Time — Average last 13 months

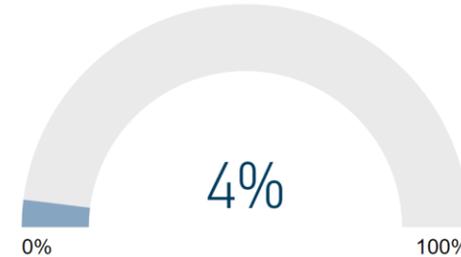


By hour

● Time spent ● Non-peak periods ● Peak periods



Flights during noise sharing



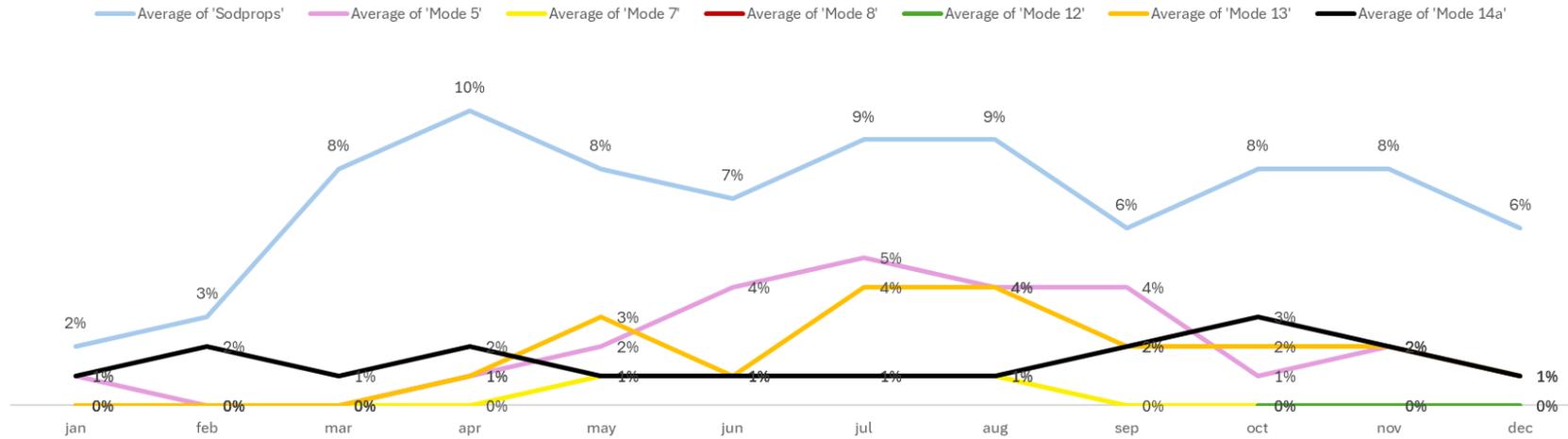
**Note :**

- 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

