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LTOP targets

Ops by direction

Runway usage

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Mode usage

PRM operations

34L departures

Noise sharing

Seasonal mode

Select a month :

Apr-22

Summary (Preview)

April
2022

Preview

LTOP

Mode Usage

Total Runway Movements

2022		2021	
Apr-22	Mar-22	Apr-21	Mar-21
26,426	21,828	20,966	17,639
Total		Total	
881	704	699	569
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	Apr-22	Mar-22
North	17%	▲ 29.45%	▼ 36.88%
South	55%	▼ 53.69%	▼ 54.89%
East	13%	▲ 14.36%	▲ 6.73%
West	15%	▼ 2.48%	▲ 1.47%

▲ ▼ LTOP Target VS Apr-22
 ▼ ▲ Apr-22 VS Mar-22

Mode Utilization

Number of days individual mode used in excess of 9 hours

26

Airport Mode	Days
Mode 10	15
Mode 9	10
SODPROPS	1

17.16%

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

ATIS time

0

hours

ATIS time

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)

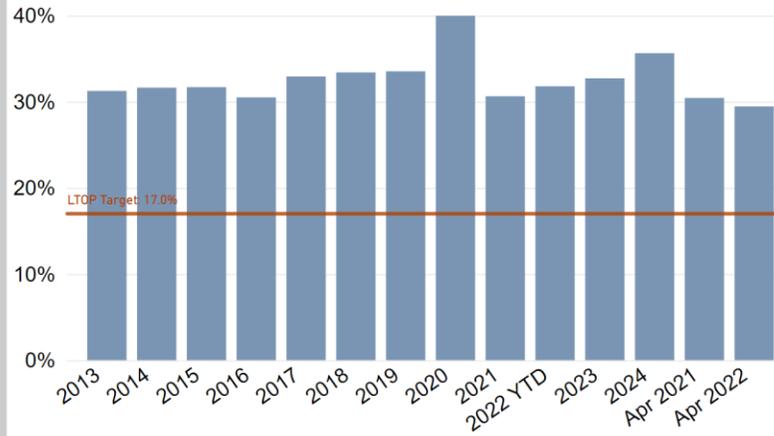
April
2022

Preview

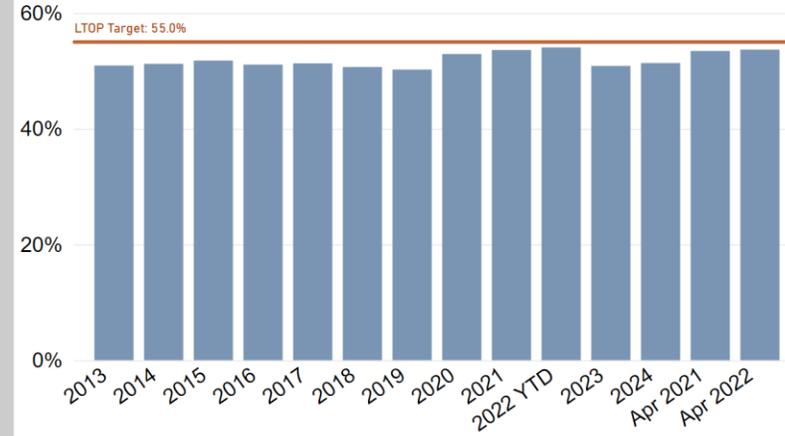
LTOP

Mode Usage

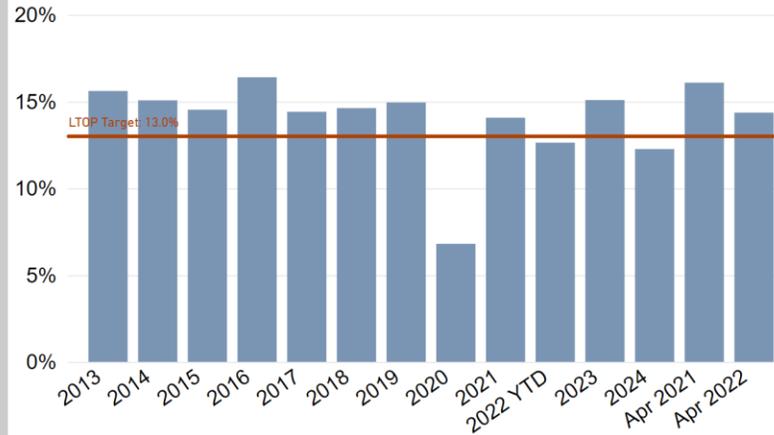
Northern runway end impact (16L and 16R arrivals plus 34L departures)



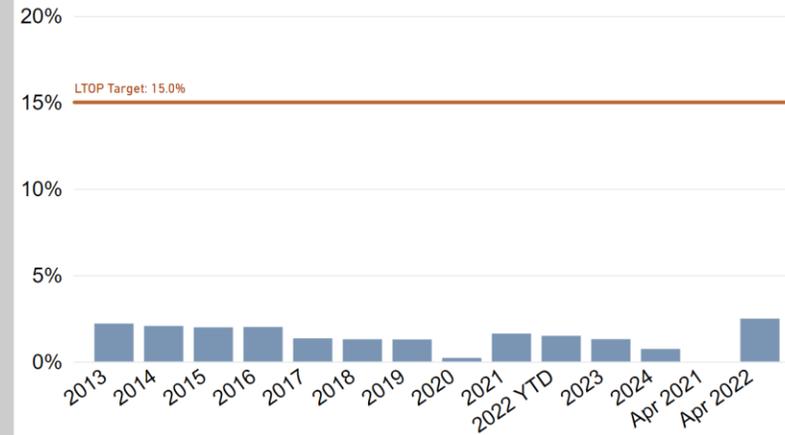
Southern runway end impact (16L and 16R departures plus 34L and 34R arrivals)



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



Western runway end impact (07 arrivals plus 25 departures)



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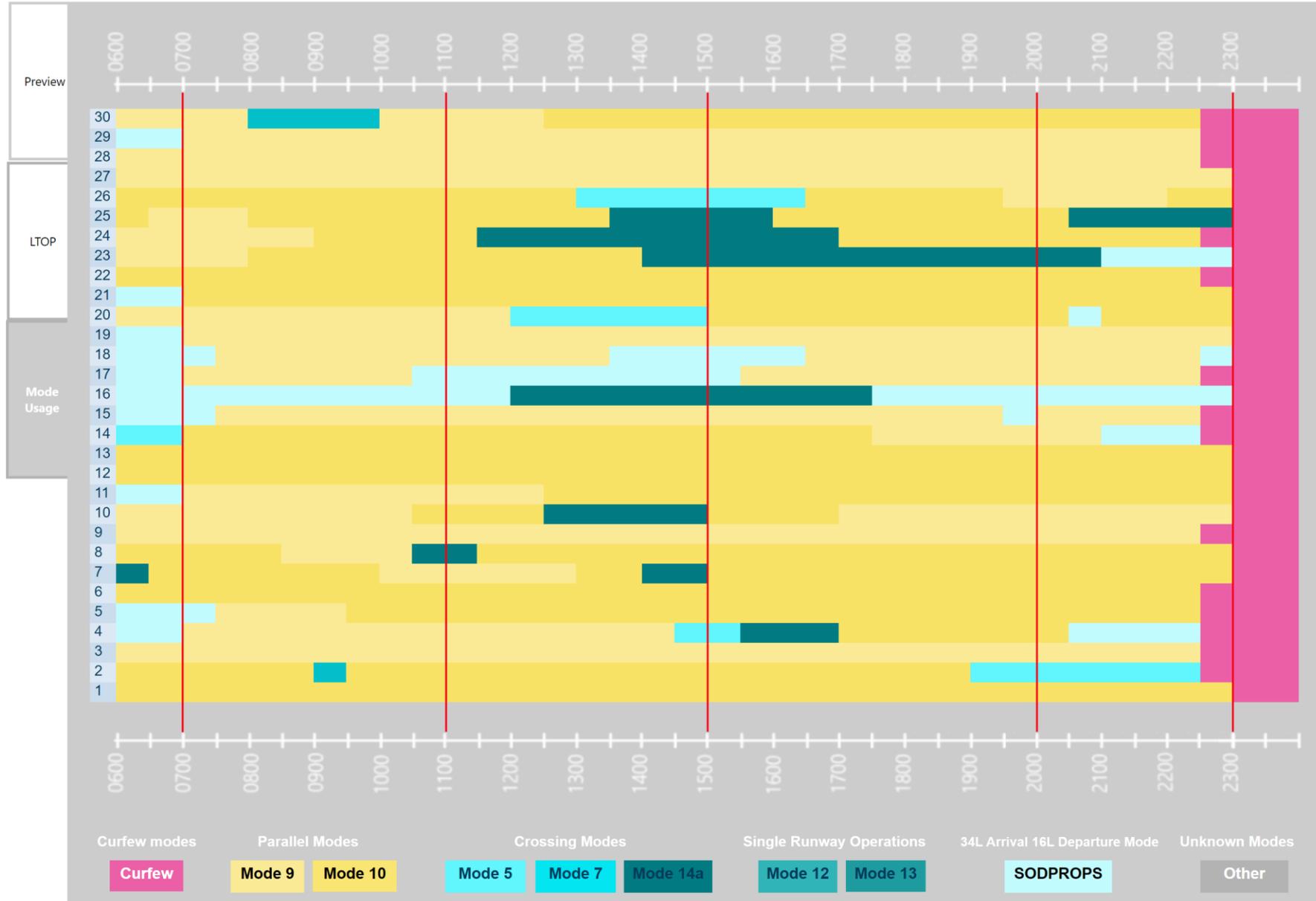
Select a month :

Apr-22



Summary (Mode Usage)

April
2022



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Select a month :

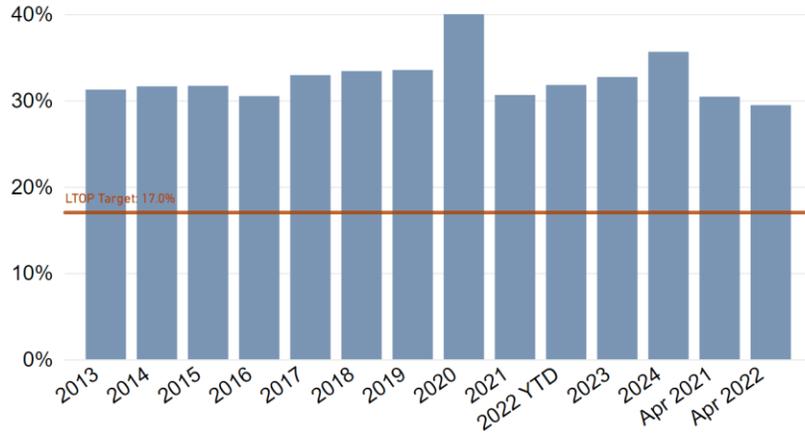
Apr-22



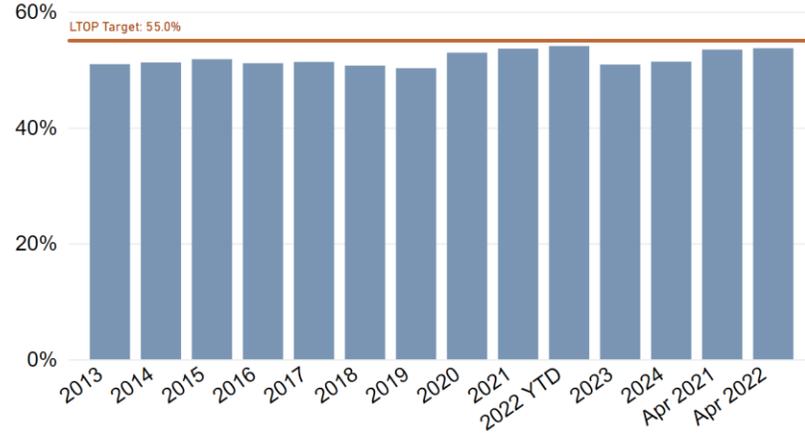
LTOP Targets

April
2022

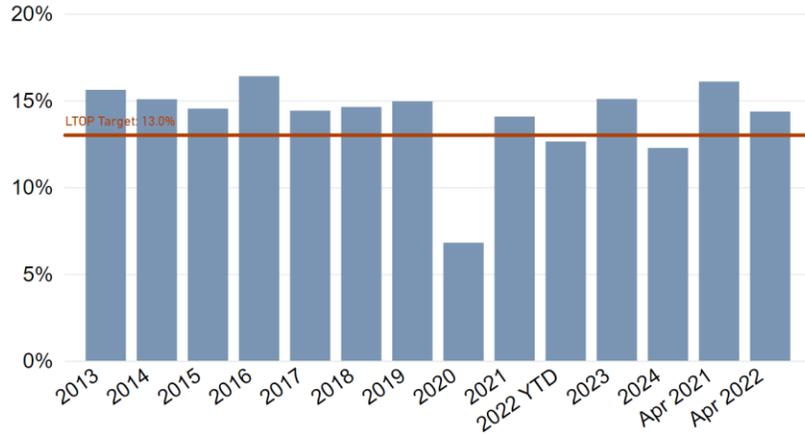
Northern runway end impact (16L and 16R arrivals plus 34L departures)



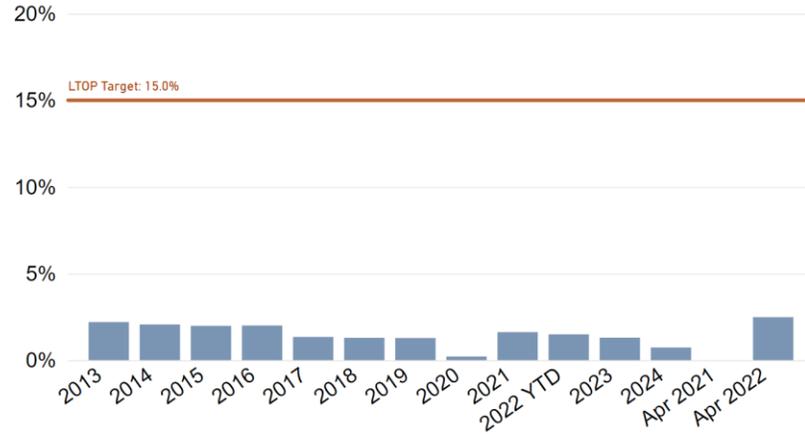
Southern runway end impact (16L and 16R departures plus 34L and 34R arrivals)



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



Western runway end impact (07 arrivals plus 25 departures)



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Apr-22

Select a type :

All

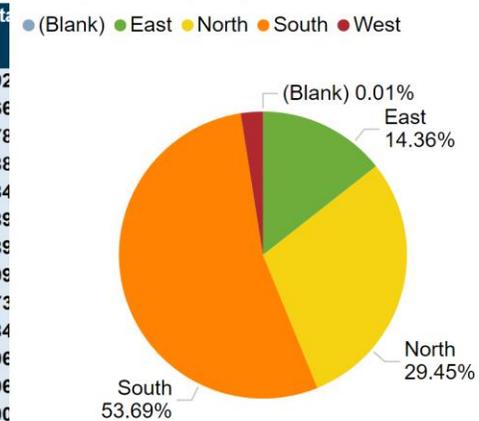
Operations by direction

April 2022

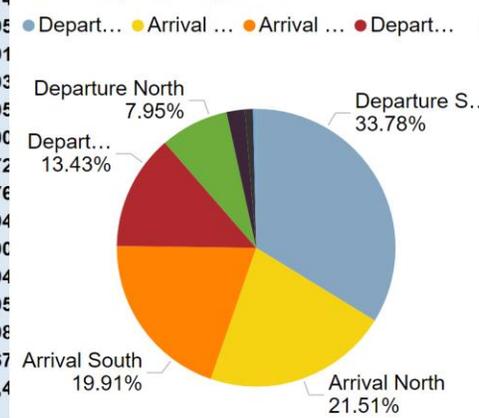
Operations by day, direction and runway

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
4/1/2022						172	235		407	218	294	1		513		1	1	92
4/2/2022			42		42	99	163		262	148	195	1		344		21	21	66
4/3/2022				287	287			146	146		5	246	97	348				78
4/4/2022			21	159	180	44	62	97	203	131	103	174	64	472	32		32	88
4/5/2022				48	48	100	182	27	309	183	209	75	22	489	1	1	2	84
4/6/2022						160	231		391	240	252	9		501				89
4/7/2022				52	52	121	172	35	328	164	239	55	24	482	29		29	89
4/8/2022				51	51	159	198	26	383	213	262	47	22	544	20		20	99
4/9/2022				255	255			142	142		4	240	89	333				73
4/10/2022				173	173	30	63	91	184	102	110	171	60	443	40		40	84
4/11/2022				113	113	112	159	67	338	147	203	100	63	513	1		1	96
4/12/2022	1	1				167	244		411	306	233	9		548	1		1	96
4/13/2022						194	248		442	265	294	4		563				1,00
4/14/2022			14	85	99	108	159	54	321	214	218	114	46	592				1,01
4/15/2022				303	303			166	166	53	5	293	133	484	1		1	95
4/16/2022							4	74	78	225	63	184		472	112		112	66
4/17/2022				163	163			131	131	127	5	256	61	449	2		2	74
4/18/2022				240	240			165	165	122	1	315	114	552				95
4/19/2022	1	1		312	312			163	163	22	11	282	123	438		1	1	91
4/20/2022			62	124	186	67	120	71	258	149	180	117	47	493				93
4/21/2022						167	240	2	409	233	293	19		545				95
4/22/2022						188	249		437	251	312	2		565				1,00
4/23/2022				33	33	47	95	20	162	174	167	52	7	400	131		131	72
4/24/2022				40	40	67	121	17	205	171	209	38	4	422	101		101	76
4/25/2022				25	25	112	179	12	303	225	261	27	13	526	91		91	94
4/26/2022			60	32	92	127	162	20	309	202	245	41	14	502				90
4/27/2022	1	1		307	307			193	193		20	272	150	442				94
4/28/2022				346	346			165	165		21	269	152	442				95
4/29/2022				323	323			181	181	22	21	295	142	480				98
4/30/2022			47	78	125	48	108	35	191	77	108	71	36	292	1	69	70	67
Total	3	3	246	3,549	3,795	2,289	3,394	2,100	7,783	4,384	4,543	3,779	1,483	14,189	563	93	656	26,4

Total operations by compass direction



Arrivals/departures by direction



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All

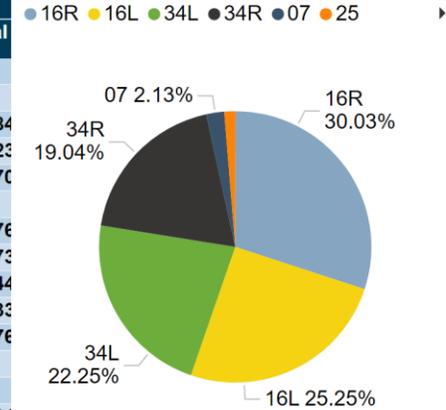
Runway use summary

April 2022

Operations by day and runway

Runway	07			16L			16R			25			34L			34R					
Date	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total			
4/1/2022							172	218	390	235	294	529		1	1	1		1			
4/2/2022							99	148	247	163	195	358	42	21	63	1		1			
4/3/2022											5	5				246	146	392	97	287	384
4/4/2022				32	32	64	44	131	175	62	103	165	21		21	174	97	271	64	159	223
4/5/2022				1	1	2	100	183	283	182	209	391		1	1	75	27	102	22	48	70
4/6/2022							160	240	400	231	252	483				9		9			
4/7/2022				29	29	58	121	164	285	172	239	411				55	35	90	24	52	76
4/8/2022				20	20	40	159	213	372	198	262	460				47	26	73	22	51	73
4/9/2022											4	4				240	142	382	89	255	344
4/10/2022				40	40	80	30	102	132	63	110	173				171	91	262	60	173	233
4/11/2022				1	1	2	112	147	259	159	203	362				100	67	167	63	113	176
4/12/2022	1		1	1	1	2	167	306	473	244	233	477				9		9			
4/13/2022							194	265	459	248	294	542				4		4			
4/14/2022							108	214	322	159	218	377	14		14	114	54	168	46	85	131
4/15/2022				1	1	2	53	53	106		5	5				293	166	459	133	303	436
4/16/2022				112	112	224	225	225	450	4	63	67				184	74	258			
4/17/2022				2	2	4	127	127	254		5	5				256	131	387	61	163	224
4/18/2022							122	122	244		1	1				315	165	480	114	240	354
4/19/2022	1		1				22	22	44		11	11		1	1	282	163	445	123	312	435
4/20/2022							67	149	216	120	180	300	62		62	117	71	188	47	124	171
4/21/2022							167	233	400	240	293	533				19	2	21			
4/22/2022							188	251	439	249	312	561				2		2			
4/23/2022				131	131	262	47	174	221	95	167	262				52	20	72	7	33	40
4/24/2022				101	101	202	67	171	238	121	209	330				38	17	55	4	40	44
4/25/2022				91	91	182	112	225	337	179	261	440				27	12	39	13	25	38
4/26/2022							127	202	329	162	245	407	60		60	41	20	61	14	32	46
4/27/2022		1	1								20	20				272	193	465	150	307	457
4/28/2022											21	21				269	165	434	152	346	498
4/29/2022							22	22	44		21	21				295	181	476	142	323	465
4/30/2022				1	1	2	48	77	125	108	108	216	47	69	116	71	35	106	36	78	114
Total	2	1	3	563	563	1,126	2,333	4,333	6,666	3,333	4,333	7,937	2,333	93	339	3,779	2,100	5,879	1,111	3,549	5,032

Operations by runway



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Select a month :

Apr-22 v

Select a type :

All Aircraft v

Hourly movement summary

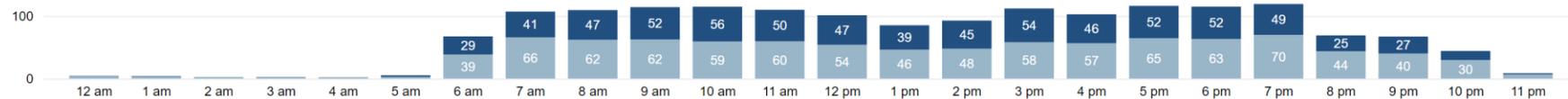
April
2022

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
4/1/2022	5	5	1			1	36	53	59	67	61	57	60	45	51	58	53	59	60	69	54	35	31	1	921
4/2/2022	1		2		1		25	51	53	57	56	53	43	37	31	53	45	41	46	22	21	19	10	2	669
4/3/2022		1				2	24	30	39	44	50	44	48	43	44	62	59	61	64	69	48	30	16	3	781
4/4/2022		2				3	31	76	56	64	59	62	48	44	45	52	51	74	64	65	28	29	25	9	887
4/5/2022	5	3	6	4		5	32	60	65	65	56	47	46	46	40	46	47	64	58	68	23	32	23	7	848
4/6/2022	5	4	4	3	2	1	36	63	55	65	48	57	48	46	48	59	53	61	53	67	43	36	27	8	892
4/7/2022	8	2	3	4	2	2	32	53	59	41	53	51	50	50	41	57	56	56	52	67	53	56	33	10	891
4/8/2022	8	6	2	6	2	2	33	61	54	68	56	59	68	60	54	67	52	66	61	65	56	56	32	4	998
4/9/2022						4	24	54	49	49	61	59	59	44	39	50	48	46	42	45	17	22	14	4	730
4/10/2022	1	3				2	26	31	38	48	55	48	49	36	56	63	52	66	71	80	38	50	24	3	840
4/11/2022						2	33	64	58	62	64	64	59	53	44	60	61	56	62	75	47	49	40	12	965
4/12/2022	2	5	2	4		5	37	69	63	62	58	57	52	42	56	56	56	67	68	74	41	45	31	9	961
4/13/2022	4	4	2	1		3	40	71	66	64	61	62	57	44	55	56	52	77	63	70	55	43	44	11	1,005
4/14/2022	3	8	6	4	2	2	43	71	60	61	60	67	59	38	58	72	58	60	65	74	58	45	38		1,012
4/15/2022	2				1	1	38	63	64	66	61	61	70	50	52	67	53	73	64	62	45	34	23	4	954
4/16/2022	1				1	3	27	46	56	57	53	46	44	43	41	39	41	41	38	38	11	21	14	1	662
4/17/2022		1		3		3	33	28	36	44	56	46	42	38	52	58	50	62	56	60	30	30	15	2	745
4/18/2022	1	1	3		1	1	42	66	62	62	54	70	56	49	47	62	59	64	68	74	48	37	28	2	957
4/19/2022						2	40	70	66	65	62	52	51	45	44	60	49	73	64	66	30	24	36	16	915
4/20/2022	7	4	1	3	5	4	40	66	65	56	58	56	52	46	47	62	61	62	71	66	33	40	25	7	937
4/21/2022	2	3	4	7	1	3	39	74	62	57	60	55	51	46	46	57	59	60	61	80	45	43	32	7	954
4/22/2022	3	2	1		2	2	44	65	69	70	66	61	60	49	52	61	58	61	69	76	59	43	26	3	1,002
4/23/2022	3					5	38	47	61	63	48	60	50	40	41	52	42	42	42	36	19	21	14	2	726
4/24/2022		2				3	28	33	42	48	56	45	44	39	56	63	44	63	65	63	30	31	13		768
4/25/2022	2			2	2	2	37	57	66	59	61	71	51	50	49	47	61	73	70	73	40	37	33	2	945
4/26/2022		1			1	4	45	74	62	61	64	64	45	42	42	52	63	62	60	61	32	36	24	8	903
4/27/2022	6	8	2	2	2	3	49	66	73	65	58	60	46	44	36	59	63	58	67	73	36	32	25	10	943
4/28/2022	4	6	4	4	2	2	40	67	60	65	64	54	49	44	47	48	65	68	71	74	39	48	19	9	953
4/29/2022	9	5	4	5	3	4	43	75	62	67	63	66	57	38	49	64	58	63	59	69	51	41	27	2	984
Total	82	76	47	52	32	78	1,070	1,755	1,732	1,778	1,747	1,706	1,560	1,322	1,408	1,707	1,604	1,822	1,795	1,912	1,145	1,085	753	158	26,426

Average daily operations by hour of day

● Weekday ● Weekend



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Mode utilization summary

April
2022

Duration of mode use

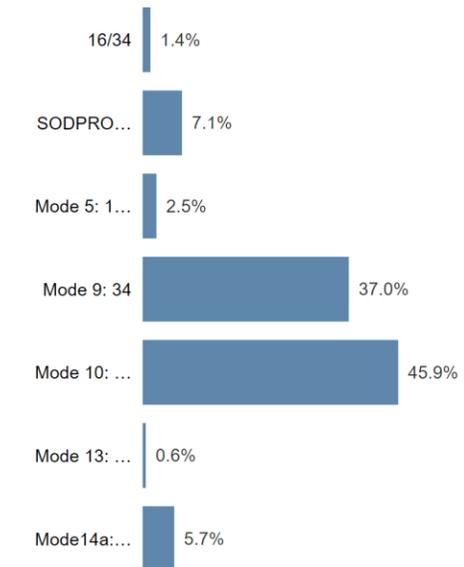
Date	Curfew	16/34	SODPROPS	Mode 5: 16/25	Mode 7: 25/34	Mode 9: 34	Mode 10: 16	Mode 12: 07	Mode 13: 25	Mode14a: 16/07	Other	Total
4/1/2022	07:00	00:12					16:48					24:00
4/2/2022	07:00	00:17		03:39			12:25		00:39			24:00
4/3/2022	07:00	00:20				16:40						24:00
4/4/2022	07:00	00:20	02:48	01:11		07:33	03:43			01:25		24:00
4/5/2022	07:00	00:23	01:17			02:12	13:08					24:00
4/6/2022	07:00	00:16					16:44					24:00
4/7/2022	07:00	00:13				03:02	12:02			01:43		24:00
4/8/2022	07:00	00:05				02:12	13:50			00:53		24:00
4/9/2022	07:00	00:24				16:36						24:00
4/10/2022	07:00	00:14				10:04	04:20			02:23		24:00
4/11/2022	07:00	00:08	01:01			05:17	10:34					24:00
4/12/2022	07:00	00:12					16:48					24:00
4/13/2022	07:00						17:00					24:00
4/14/2022	07:00	00:18	01:36	01:08		03:32	10:26					24:00
4/15/2022	07:00	00:20	01:54			14:46						24:00
4/16/2022	07:00	00:11	11:05							05:44		24:00
4/17/2022	07:00	00:20	06:01			10:39	06:01					24:00
4/18/2022	07:00	00:03	04:52			12:05						24:00
4/19/2022	07:00	00:01	01:04			15:55						24:00
4/20/2022	07:00	00:15	00:30	03:03		05:53	07:19					24:00
4/21/2022	07:00	00:10	00:48				16:02					24:00
4/22/2022	07:00	00:18					16:42					24:00
4/23/2022	07:00	00:08	02:05			01:55	06:11			06:41		24:00
4/24/2022	07:00	00:33				02:47	08:15			05:25		24:00
4/25/2022	07:00	00:15				01:20	10:45			04:40		24:00
4/26/2022	07:00	00:06		03:37		02:27	10:50					24:00
4/27/2022	07:00	00:09				16:51						24:00
4/28/2022	07:00	00:16				16:44						24:00
4/29/2022	07:00	00:19	00:59			15:42						24:00
4/30/2022	07:00	00:21				04:27	09:58		02:14			24:00
Total	210:00	07:07	36:00	12:38		188:38	233:51		02:53	28:54		720:00

Days with a mode used in excess of 9 hours

26	10	15
Any Mode	Mode 9	Mode 10

13	12
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%	5.2%	1.8%		33.7%	55.7%	0.5%	0.2%	2.5%
Time	1.3%	5.9%	2.4%		34.1%	52.9%	0.5%	0.2%	2.7%

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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 :

Apr-22



Runway 16 Precision Runway Monitor operations

April
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

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Runway 34 departures maintaining heading

April
2022

2,100

Flights departing from runway 34L

49

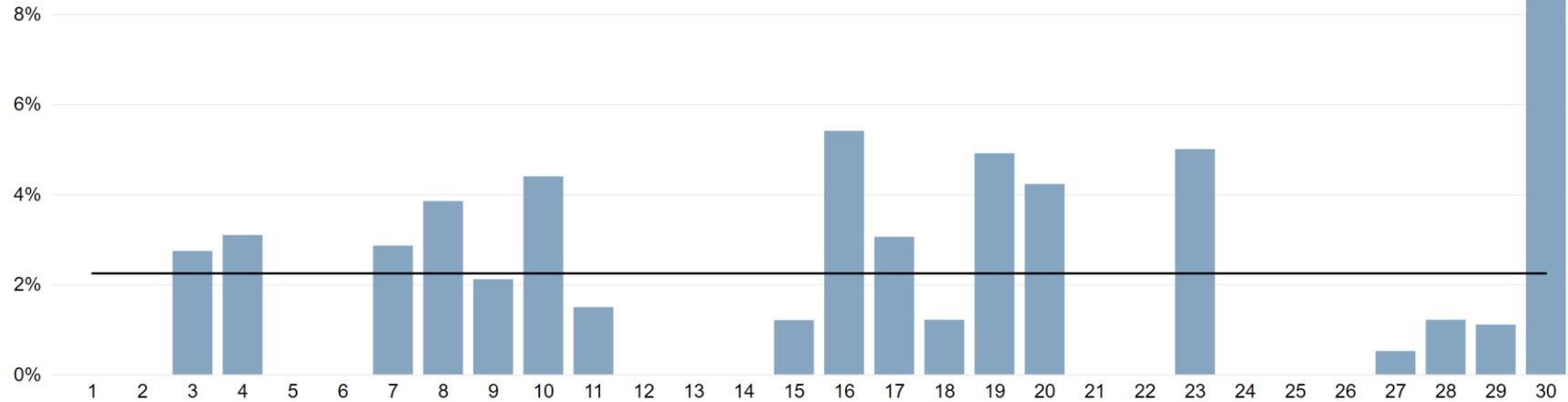
Flights maintaining runway heading

2.33%

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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Noise sharing during non-peak hours

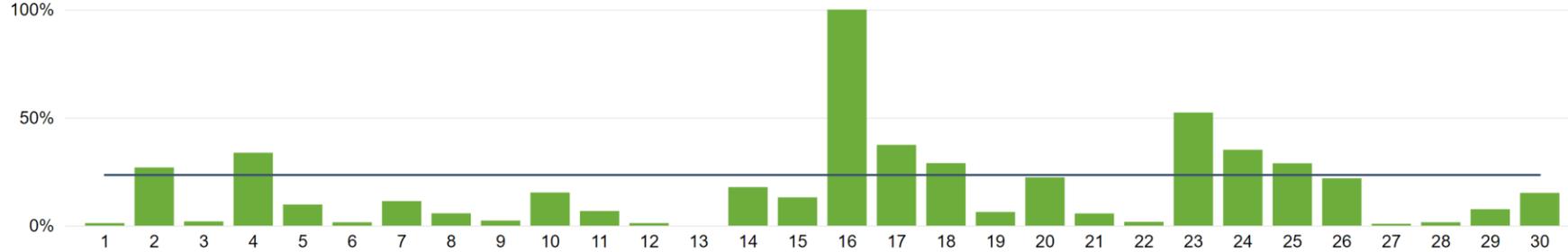
April 2022

Noise sharing time by month



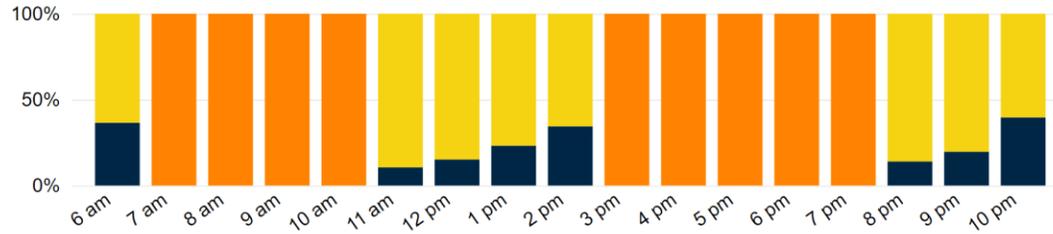
By day

● Noise Sharing Time — Average last 13 months

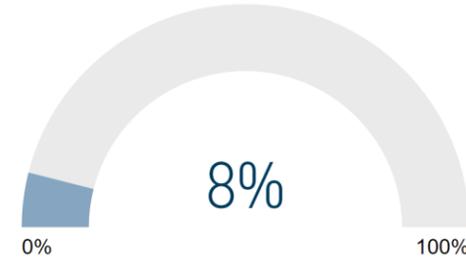


By hour

● Time spent ● Non-peak periods ● Peak periods



Flights during noise sharing



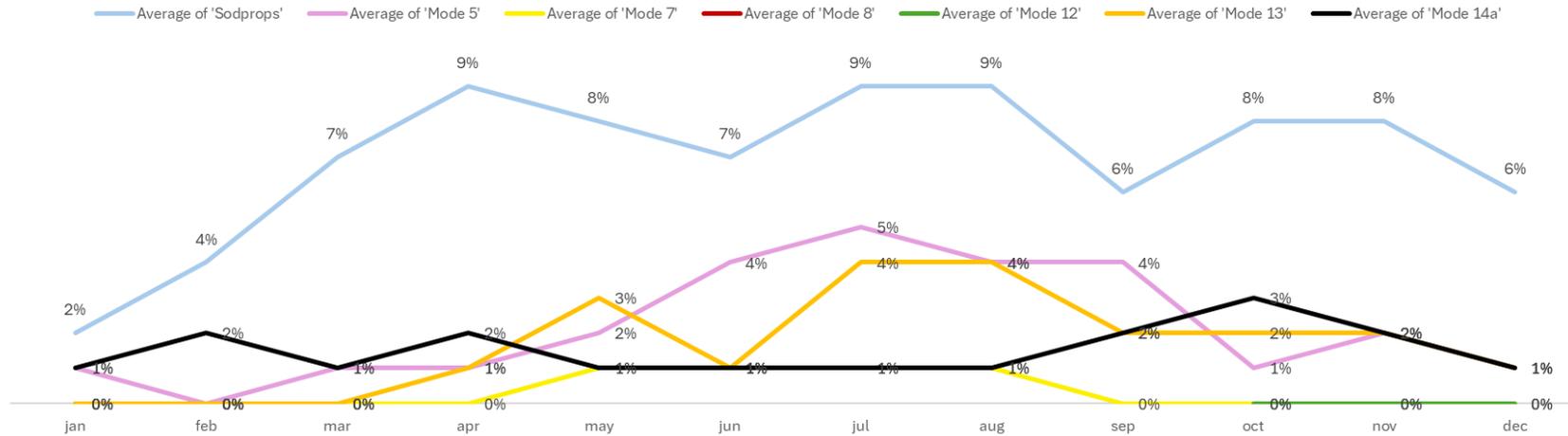
Note :

- 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

