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Runway usage

Hourly summary

Mode usage

PRM operations

34L departures

Noise sharing

Seasonal mode

Select a month :

Mar-22

Summary (Preview)

March
2022

Preview

LTOP

Mode Usage

Total Runway Movements

2022		2021	
Mar-22	Feb-22	Mar-21	Feb-21
21,828 Total	16,499 Total	17,639 Total	11,373 Total
704 Daily Avg	589 Daily Avg	569 Daily Avg	406 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	Mar-22	Feb-22
North	17%	▲ 36.88%	▲ 32.30%
South	55%	▼ 54.89%	▼ 55.61%
East	13%	▼ 6.73%	▼ 11.73%
West	15%	▼ 1.47%	▲ 0.35%

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

Mode Utilization

Number of days individual mode used in excess of 9 hours

29

Airport Mode	Days
Mode 10	25
Mode 9	4

10.92%

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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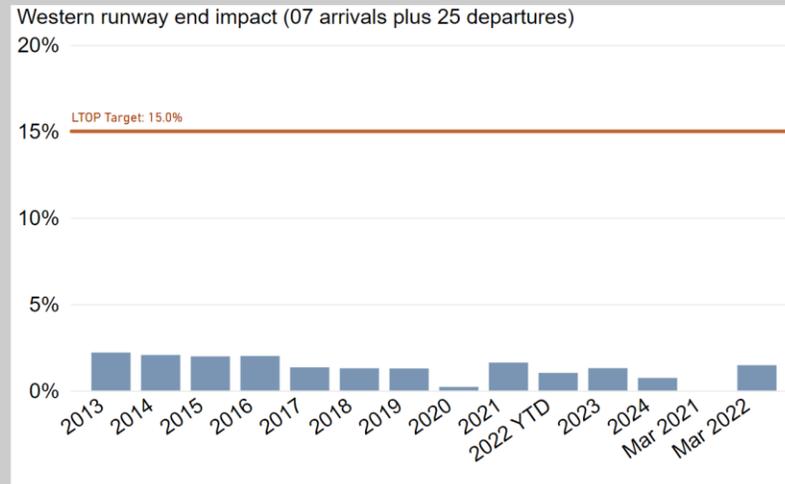
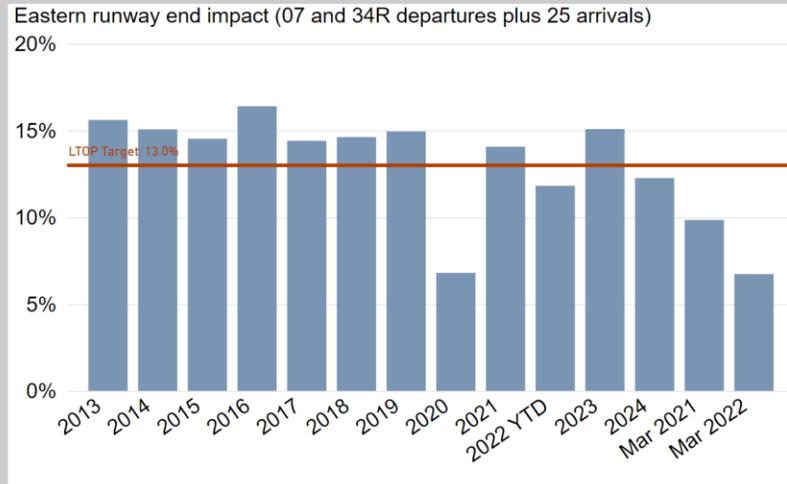
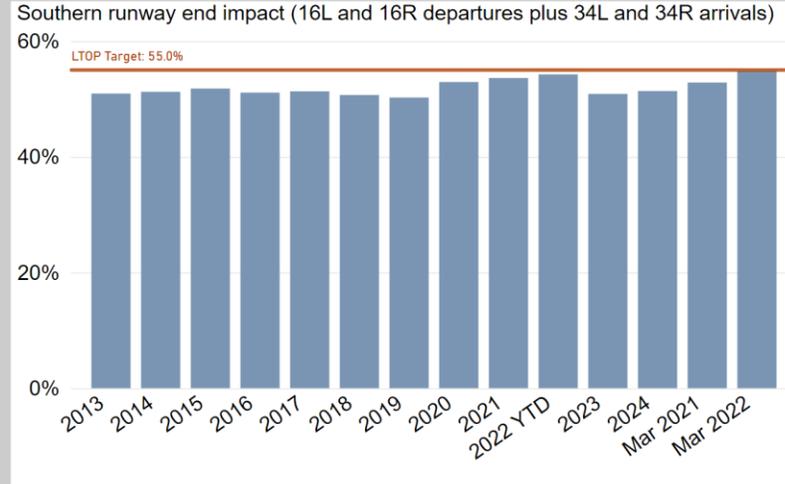
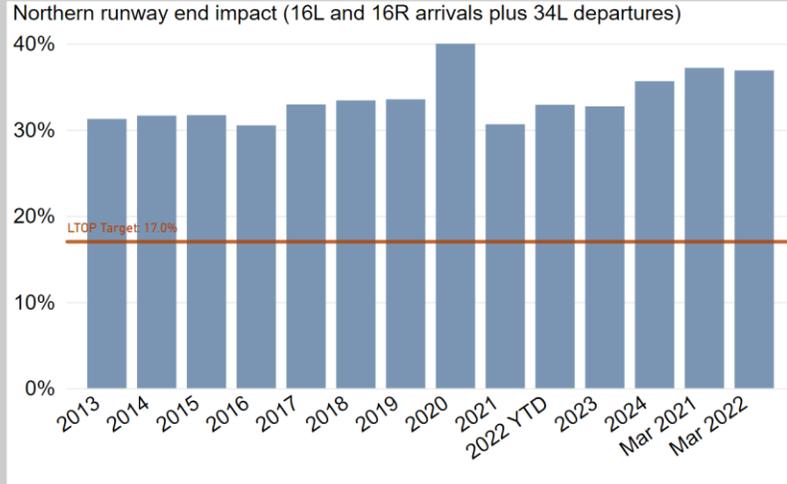
Summary (LTOP)

March 2022

Preview

LTOP

Mode Usage



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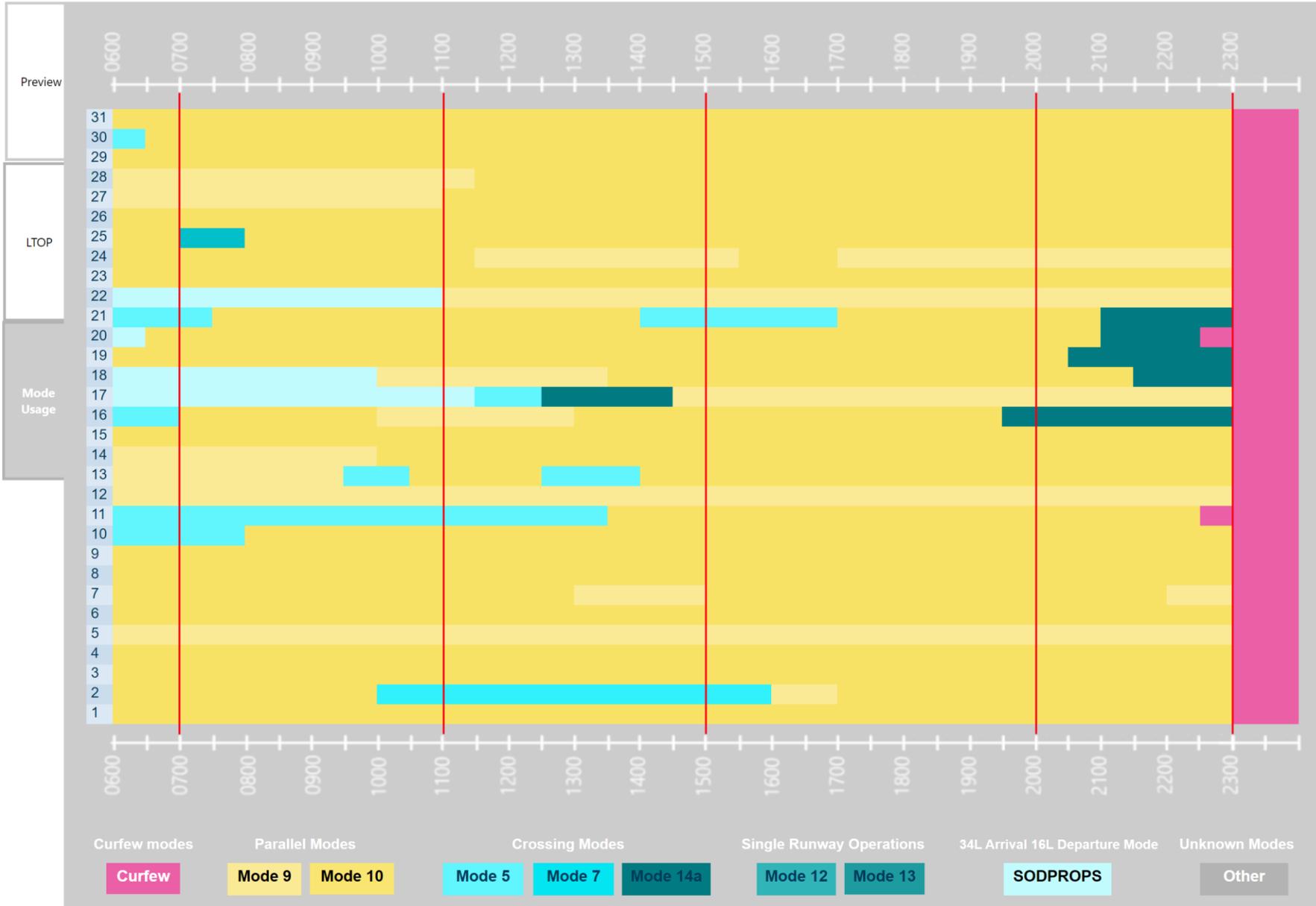
Select a month :

Mar-22



Summary (Mode Usage)

March
2022



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Select a month :

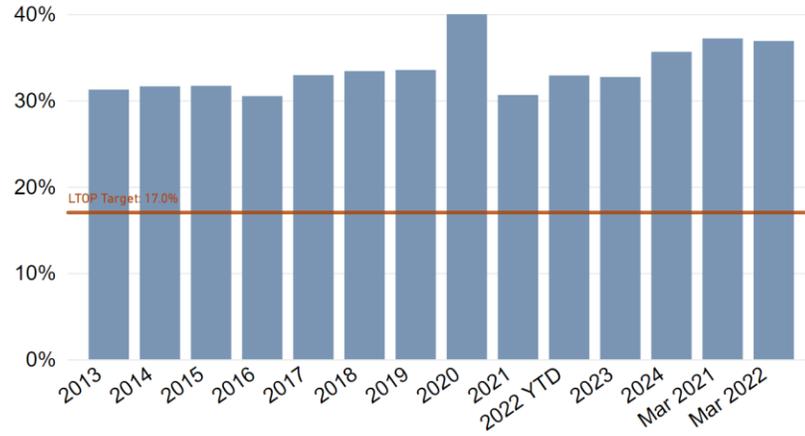
Mar-22



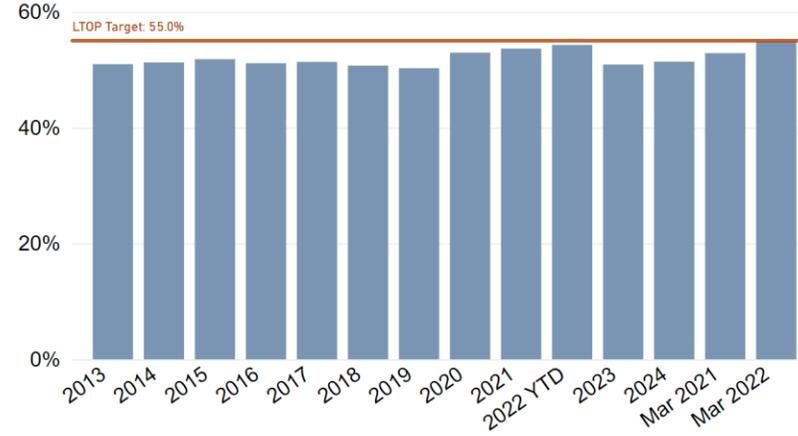
LTOP Targets

March 2022

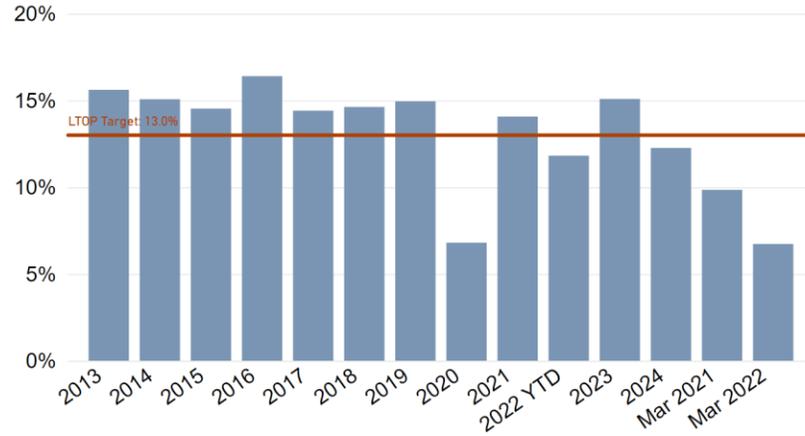
Northern runway end impact (16L and 16R arrivals plus 34L departures)



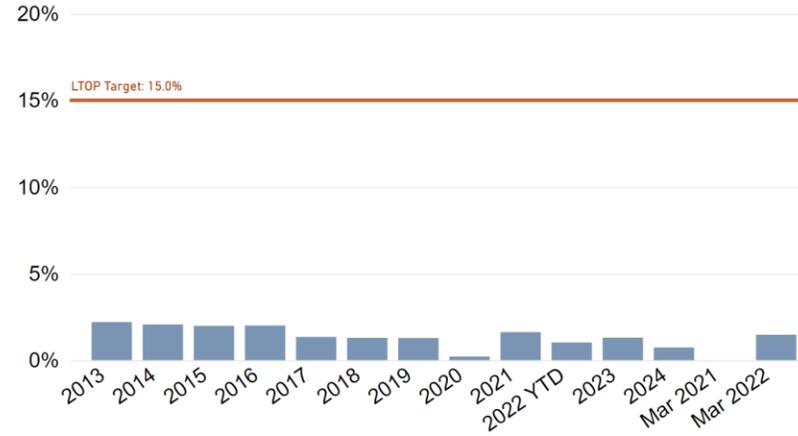
Southern runway end impact (16L and 16R departures plus 34L and 34R arrivals)



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



Western runway end impact (07 arrivals plus 25 departures)



[Click here for 'Help'](#)

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Select a type :

All

Operations by direction

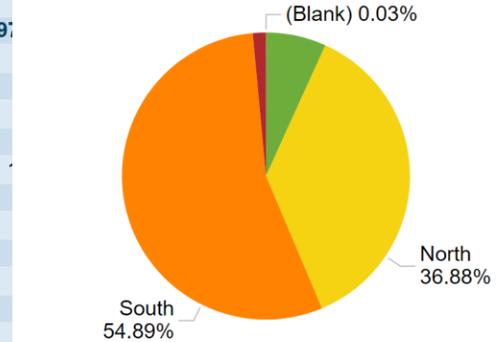
March 2022

Operations by day, direction and runway

Sector	Date	Total	East			North				South				West				
			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	25 D	Total
3/1/2022	1	1				86	187		273	139	191	6		336				
3/2/2022			91		17	108	50	108	8	166	62	147	18	2	229	97	97	
3/3/2022						102	203		305	138	229	2		369				
3/4/2022						128	223		351	189	248	1		438				
3/5/2022				169		169			96	96	4	169	67	240				
3/6/2022						95	185		280	164	208			372				
3/7/2022				32		32	110	177	6	293	162	195	36	17	410	1		
3/8/2022						92	196		288	141	213	1		355				
3/9/2022						95	204		299	168	220	1		389				
3/10/2022				27		27	106	169		275	190	205	8		403			
3/11/2022	1	1		2		2	107	156		263	173	173	1	347				
3/12/2022				194		194		1	103	104		7	189	64	260			
3/13/2022				25	41	66	88	140	10	238	159	174	34	1	368			
3/14/2022					71	71	100	177	34	311	139	180	60	9	388			
3/15/2022	1	1				96	209		305	157	231	10		398				
3/16/2022				3	50	53	68	120	27	215	129	186	58	23	396	46	44	
3/17/2022				24	127	151		1	94	95	149	59	203	54	465	46	44	
3/18/2022					70	70	76	109	56	241	187	144	127	22	480	35	31	
3/19/2022							67	162		229	128	166	1		295	17	17	
3/20/2022				1		1	85	180	1	266	189	205	6		400	26	21	
3/21/2022				67		67	102	158		260	208	236	2	446	22	22		
3/22/2022					63	63			53	53	107	22	149	14	292			
3/23/2022							126	205		331	177	247	11	435				
3/24/2022	1	1			156	156	42	78	78	198	85	135	159	79	458	1		
3/25/2022				18	9	27	160	200	1	361	193	250	15	458		28	21	
3/26/2022							96	179		275	137	185		322				
3/27/2022					81	81	103	160	34	297	153	174	53	16	396			
3/28/2022	1	1			125	125	110	143	51	304	138	177	79	57	451	1		
3/29/2022	1	1					130	222		352	182	267	13	462				
3/30/2022				6		6	130	220		350	175	273	9	457				
3/31/2022	1	1					161	216		377	191	275		466				
Total	7	7	91	173	1,205	1,469	2,711	4,688	652	8,051	4,509	5,626	1,421	425	11,981	292	28	321

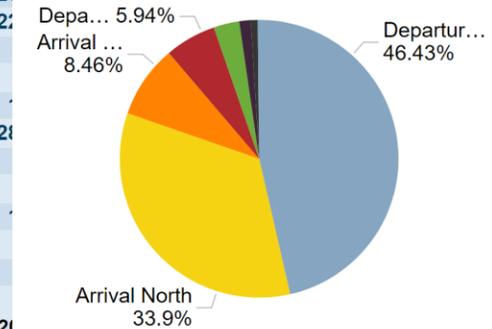
Total operations by compass direction

(Blank) East North South West



Arrivals/departures by direction

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



Click here for 'Help' ?

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Select a month :

Mar-22

Select a type :

All

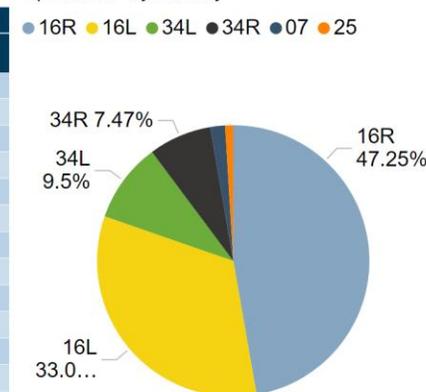
Runway use summary

March 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			
3/1/2022		1	1				86	139	225	187	191	378			6		6			
3/2/2022				97	91	188	50	62	112	108	147	255			18	8	26	2	17	
3/3/2022							102	138	240	203	229	432			2		2			
3/4/2022							128	189	317	223	248	471			1		1			
3/5/2022											4	4			169	96	265	67	169	
3/6/2022							95	164	259	185	208	393								
3/7/2022				1		1	110	162	272	177	195	372			36	6	42	17	32	
3/8/2022							92	141	233	196	213	409			1		1			
3/9/2022							95	168	263	204	220	424			1		1			
3/10/2022							106	190	296	169	205	374	27		27	8	8			
3/11/2022	1		1				107	173	280	156	173	329	2		2	1	1			
3/12/2022										1	7	8			189	103	292	64	194	
3/13/2022							88	159	247	140	174	314	25		25	34	10	44	1	41
3/14/2022							100	139	239	177	180	357			60	34	94	9	71	
3/15/2022		1	1				96	157	253	209	231	440			10		10			
3/16/2022				46		46	68	129	197	120	186	306	3		3	58	27	85	23	50
3/17/2022				46		46	149	149	149	1	59	60	24		24	203	94	297	54	127
3/18/2022				35		35	76	187	263	109	144	253			127	56	183	22	70	
3/19/2022				17		17	67	128	195	162	166	328			1		1			
3/20/2022				26		26	85	189	274	180	205	385	1		1	6	1	7		
3/21/2022				22		22	102	208	310	158	236	394	67		67	2		2		
3/22/2022								107	107		22	22			149	53	202	14	63	
3/23/2022							126	177	303	205	247	452			11		11			
3/24/2022		1	1	1		1	42	85	127	78	135	213			159	78	237	79	156	
3/25/2022							160	193	353	200	250	450	18	28	46	15	1	16		9
3/26/2022							96	137	233	179	185	364								
3/27/2022							103	153	256	160	174	334			53	34	87	16	81	
3/28/2022		1	1	1		1	110	138	248	143	177	320			79	51	130	57	125	
3/29/2022	1		1				130	182	312	222	267	489			13		13			
3/30/2022							130	175	305	220	273	493	6		6	9		9		
3/31/2022		1	1				161	191	352	216	275	491								
Total	2	5	7	292	91	383	2...	4,5...	7,2...	4,...	5,...	10,...	1...	28	201	1,421	652	2,073	425	1,205

Operations by runway



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Select a month :

Select a type :

Hourly movement summary

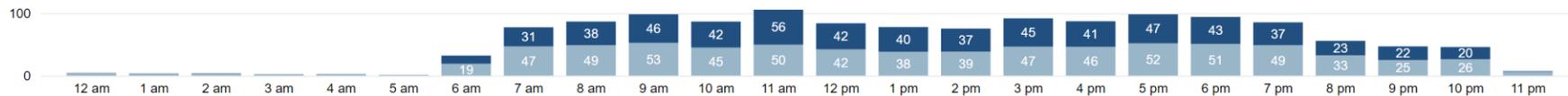
March 2022

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
3/1/2022	2	2	3	4	2	1	17	35	49	47	30	39	33	29	32	37	39	49	45	39	23	23	23	7	610
3/2/2022	6	4	2			1	12	43	47	44	32	35	29	30	36	37	39	45	43	34	24	21	29	7	600
3/3/2022	3	6	3		1		15	36	37	46	30	45	38	36	35	48	53	51	46	52	34	24	30	5	674
3/4/2022	5	5	1		1		17	48	47	60	52	59	49	37	46	54	55	59	55	56	25	33	23	2	789
3/5/2022					1		10	22	41	55	41	50	34	35	35	28	31	34	24	21	17	14	12		505
3/6/2022							11	22	34	35	34	58	47	35	34	55	46	46	59	46	31	27	30	2	652
3/7/2022	1	1			1	1	14	49	48	56	52	57	54	37	43	49	53	45	52	36	32	20	19	16	736
3/8/2022	5	4	4			1	14	43	39	59	34	48	48	34	40	38	41	40	48	33	24	25	14	7	643
3/9/2022	6	2	2			1	19	43	53	51	39	56	45	38	35	47	41	50	53	34	24	21	25	3	688
3/10/2022	6	3	5	6	4		13	45	54	54	41	58	43	49	40	53	44	58	54	49	20	4	1	1	705
3/11/2022		1	1	2	1		2	6	6	11	8	16	56	55	49	57	57	68	63	59	40	33	19	3	613
3/12/2022	1			2			15	40	42	49	41	60	40	42	32	31	38	36	29	17	12	13	16	2	558
3/13/2022		1		1	1		10	26	34	34	36	59	46	42	43	50	49	57	67	44	23	28	21		672
3/14/2022			2				16	48	50	57	57	62	46	38	49	49	53	48	50	52	26	30	31	6	770
3/15/2022	5	3	6	2	5		21	53	57	51	38	56	38	35	33	50	42	50	46	39	22	22	22	8	704
3/16/2022	5	1	5	6	3	3	17	48	46	46	45	60	40	38	33	54	41	52	49	41	22	22	26	7	710
3/17/2022	6		5	4	5		16	50	47	51	41	52	47	39	36	49	43	62	53	54	32	28	29	8	757
3/18/2022	7	4	5	4	3	3	21	46	48	58	52	61	47	48	42	55	52	58	47	69	38	17	33	8	826
3/19/2022	1		2				16	32	42	58	41	50	37	39	25	40	35	38	24	20	14	13	12	2	541
3/20/2022		4	1				12	26	32	36	36	59	47	37	50	56	42	61	61	55	28	28	22		693
3/21/2022	1			1			30	51	55	56	63	59	45	46	43	45	49	52	63	46	33	24	31	2	795
3/22/2022	7	1	8	2	3	2	25	50	54	58	48	13	5	5	4	10	6	5	6	9	24	27	31	5	408
3/23/2022	6	4	5	3	5		26	49	52	61	48	54	41	39	40	50	47	51	53	42	29	21	35	5	766
3/24/2022	3	5	3	2	3	3	21	50	46	48	55	54	44	42	40	56	50	56	53	64	37	29	32	18	814
3/25/2022	6	3	5	3	5	1	19	50	55	53	62	58	52	44	53	47	49	57	54	64	66	36	28	4	874
3/26/2022						1	16	41	42	56	57	58	35	48	32	37	40	42	27	23	13	12	16	1	597
3/27/2022			1				15	36	36	43	48	55	48	40	45	66	47	58	55	66	47	41	27		774
3/28/2022	1				1		27	66	61	61	58	58	49	39	48	48	49	68	68	61	48	32	29	10	882
3/29/2022	6	6	5	2	5	4	26	56	54	64	51	44	41	44	36	45	51	62	48	68	39	24	27	7	815
Total	101	66	80	46	56	26	543	1,325	1,428	1,577	1,369	1,591	1,306	1,197	1,182	1,435	1,392	1,565	1,518	1,419	936	751	764	155	21,828

Average daily operations by hour of day

● Weekday ● Weekend



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Mode utilization summary

March
2022

Duration of mode use

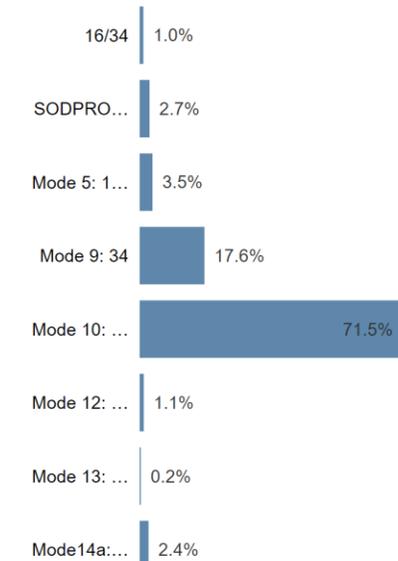
Date	Curfew	16/34	SODPROPS	Mode 5: 16/25	Mode 7: 25/34	Mode 9: 34	Mode 10: 16	Mode 12: 07	Mode 13: 25	Mode14a: 16/07	Other	Total
3/1/2022	07:00	00:08					16:52					24:00
3/2/2022	07:00	00:07				01:03	09:55	05:55				24:00
3/3/2022	07:00	00:09					16:51					24:00
3/4/2022	07:00	00:07					16:53					24:00
3/5/2022	07:00	00:15				16:45						24:00
3/6/2022	07:00	00:06					16:54					24:00
3/7/2022	07:00					02:44	14:16					24:00
3/8/2022	07:00	00:09					16:51					24:00
3/9/2022	07:00	00:13					16:47					24:00
3/10/2022	07:00	00:09		02:08			14:43					24:00
3/11/2022	07:00	00:23		07:16			09:21					24:00
3/12/2022	07:00	00:10				16:50						24:00
3/13/2022	07:00	00:14		02:15		03:32	10:59					24:00
3/14/2022	07:00	00:13				03:60	12:47					24:00
3/15/2022	07:00	00:09					16:51					24:00
3/16/2022	07:00	00:07		01:02		02:55	09:32			03:24		24:00
3/17/2022	07:00	00:13	05:18	01:04		08:11				02:14		24:00
3/18/2022	07:00	00:02	03:47			03:29	08:24			01:18		24:00
3/19/2022	07:00						14:16			02:44		24:00
3/20/2022	07:00	00:23	00:17				14:45			01:35		24:00
3/21/2022	07:00	00:15		04:13			10:60			01:32		24:00
3/22/2022	07:00	00:15	04:49			11:56						24:00
3/23/2022	07:00	00:15					16:45					24:00
3/24/2022	07:00	00:13				10:01	06:46					24:00
3/25/2022	07:00	00:06				00:27	15:32		00:54			24:00
3/26/2022	07:00	00:15					16:45					24:00
3/27/2022	07:00	00:06				05:10	11:44					24:00
3/28/2022	07:00	00:07				05:42	11:11					24:00
3/29/2022	07:00	00:07					16:53					24:00
3/30/2022	07:00	00:12		00:27			16:21					24:00
3/31/2022	07:00	00:13					16:47					24:00
Total	217:00	05:21	14:11	18:25		92:47	376:40	05:55	00:54	12:47		744:00

Days with a mode used in excess of 9 hours

29 Any Mode 4 Mode 9 25 Mode 10

4 At any time 4 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%	5.0%	1.8%		31.5%	59.1%	0.7%	0.1%	1.3%
Time	1.3%	5.5%	2.3%		33.1%	55.2%	0.7%	0.1%	1.7%

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Select a month :

Mar-22



Runway 16 Precision Runway Monitor operations

March
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

March
2022

652

Flights departing from runway 34L

9

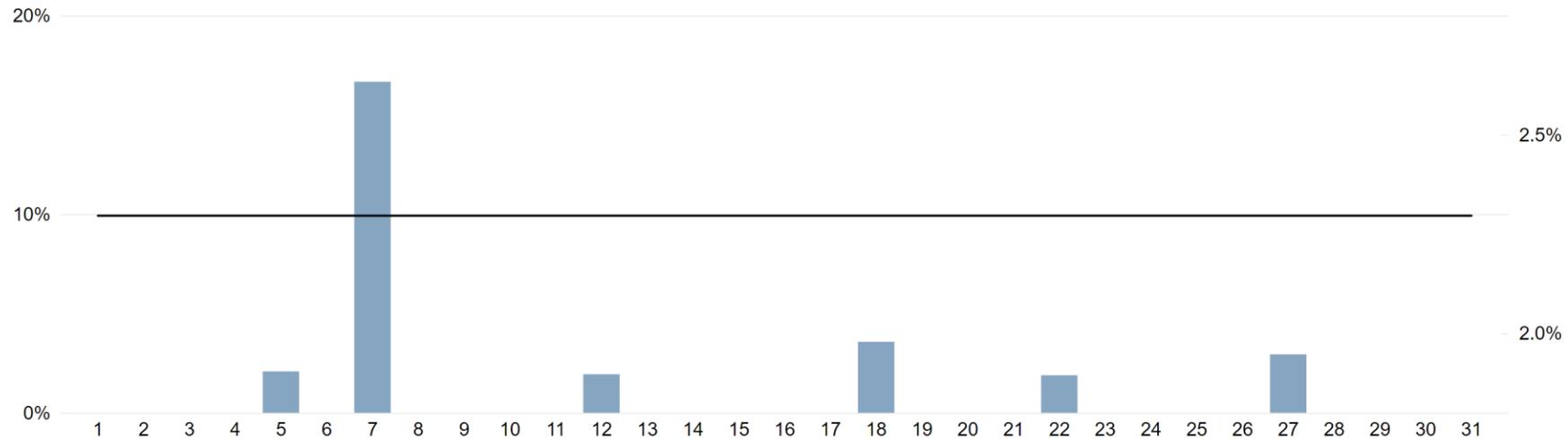
Flights maintaining runway heading

1.38%

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

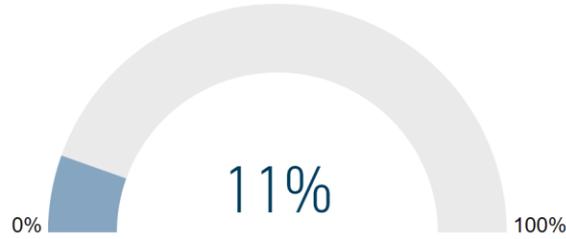
Select a month :

Mar-22

Noise sharing during non-peak hours

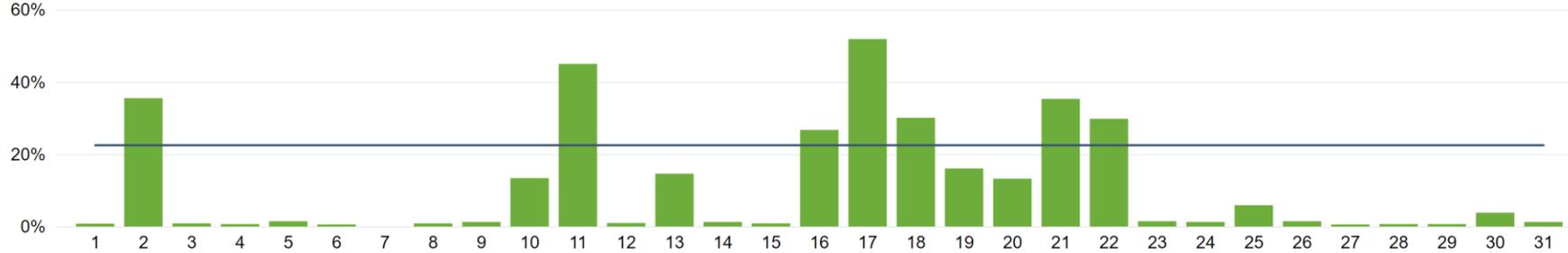
March 2022

Noise sharing time by month



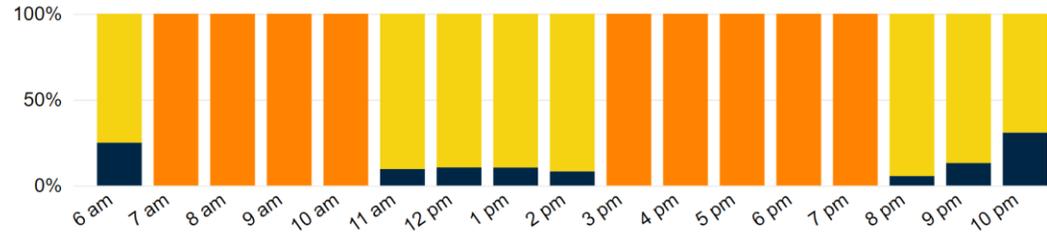
By day

● Noise Sharing Time — Average last 13 months

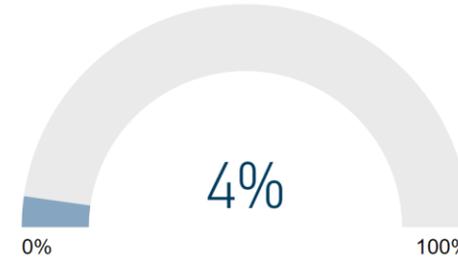


By hour

● Time spent ● Non-peak periods ● Peak periods



Flights during noise sharing



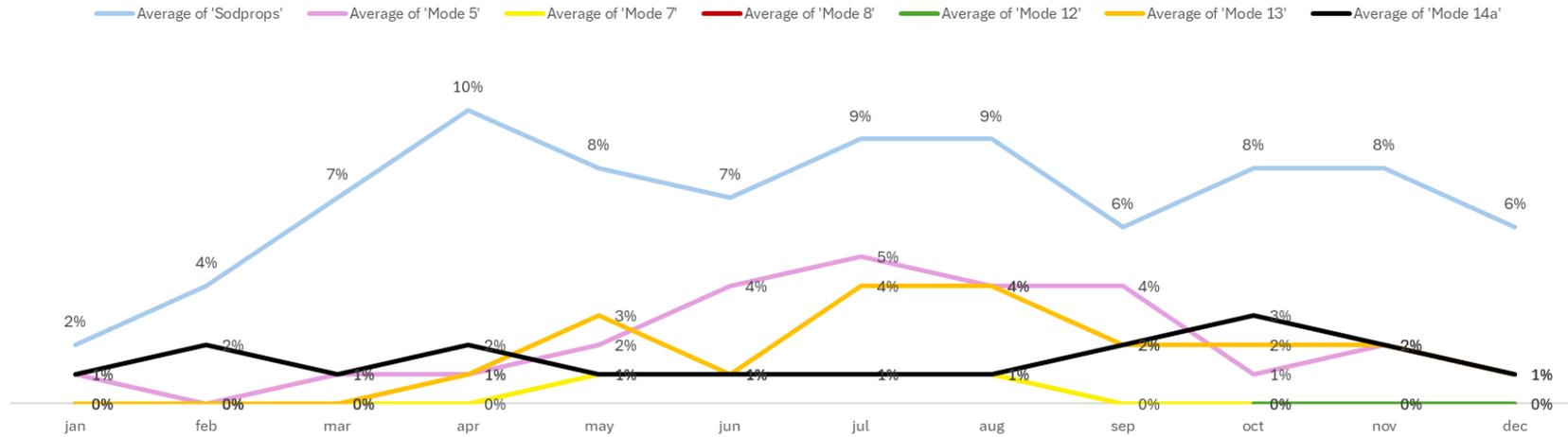
Note :

- 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

