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Feb-22

Summary (Preview)

February
2022

Preview

LTOP

Mode Usage

Total Runway Movements

2022		2021	
Feb-22	Jan-22	Feb-21	Jan-21
16,499 Total	17,669 Total	11,373 Total	7,996 Total
589 Daily Avg	570 Daily Avg	406 Daily Avg	258 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	Feb-22	Jan-22
North	17%	▲ 32.30%	▲ 28.51%
South	55%	▲ 55.61%	▲ 52.18%
East	13%	▼ 11.73%	▼ 18.18%
West	15%	▼ 0.35%	▼ 1.10%

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

12.62%

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		

ATIS time

0
0

hours 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)

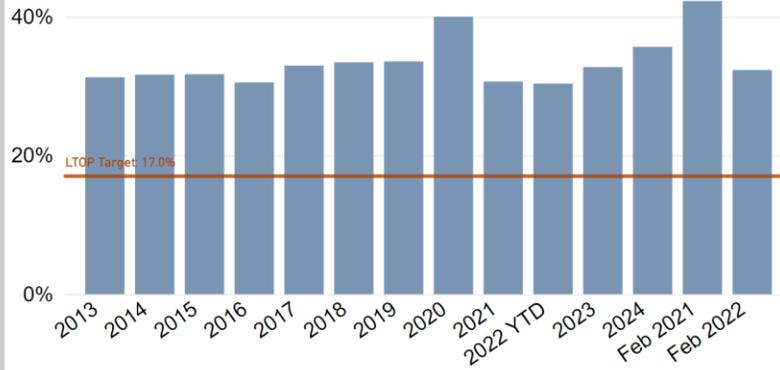
February 2022

Preview

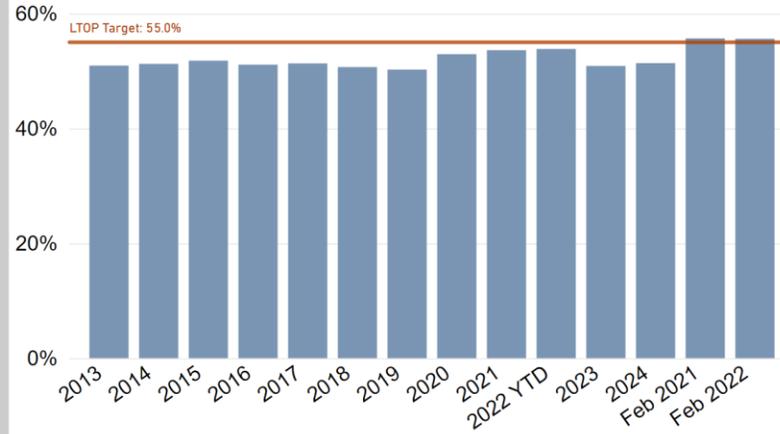
LTOP

Mode Usage

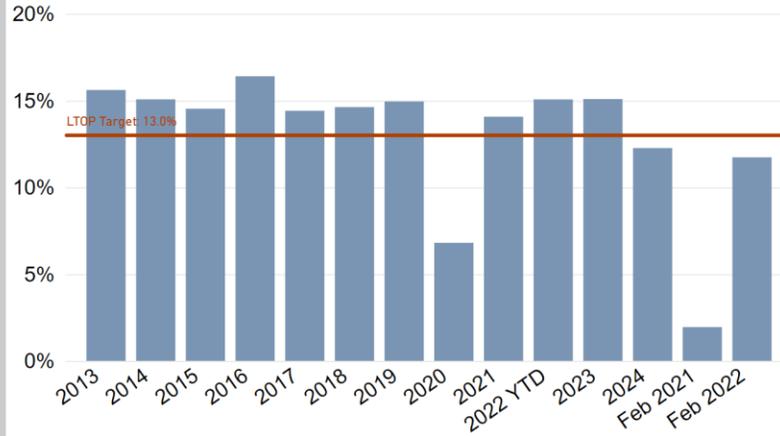
Northern runway end impact (16L and 16R arrivals plus 34L departures)



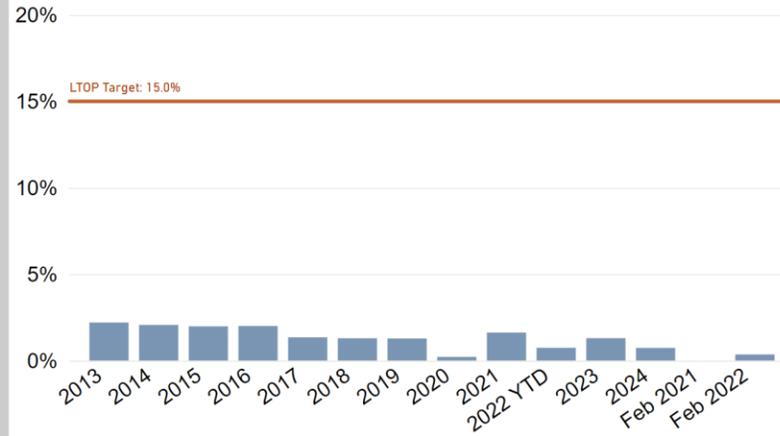
Southern runway end impact (16L and 16R departures plus 34L and 34R arrivals)



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



Western runway end impact (07 arrivals plus 25 departures)



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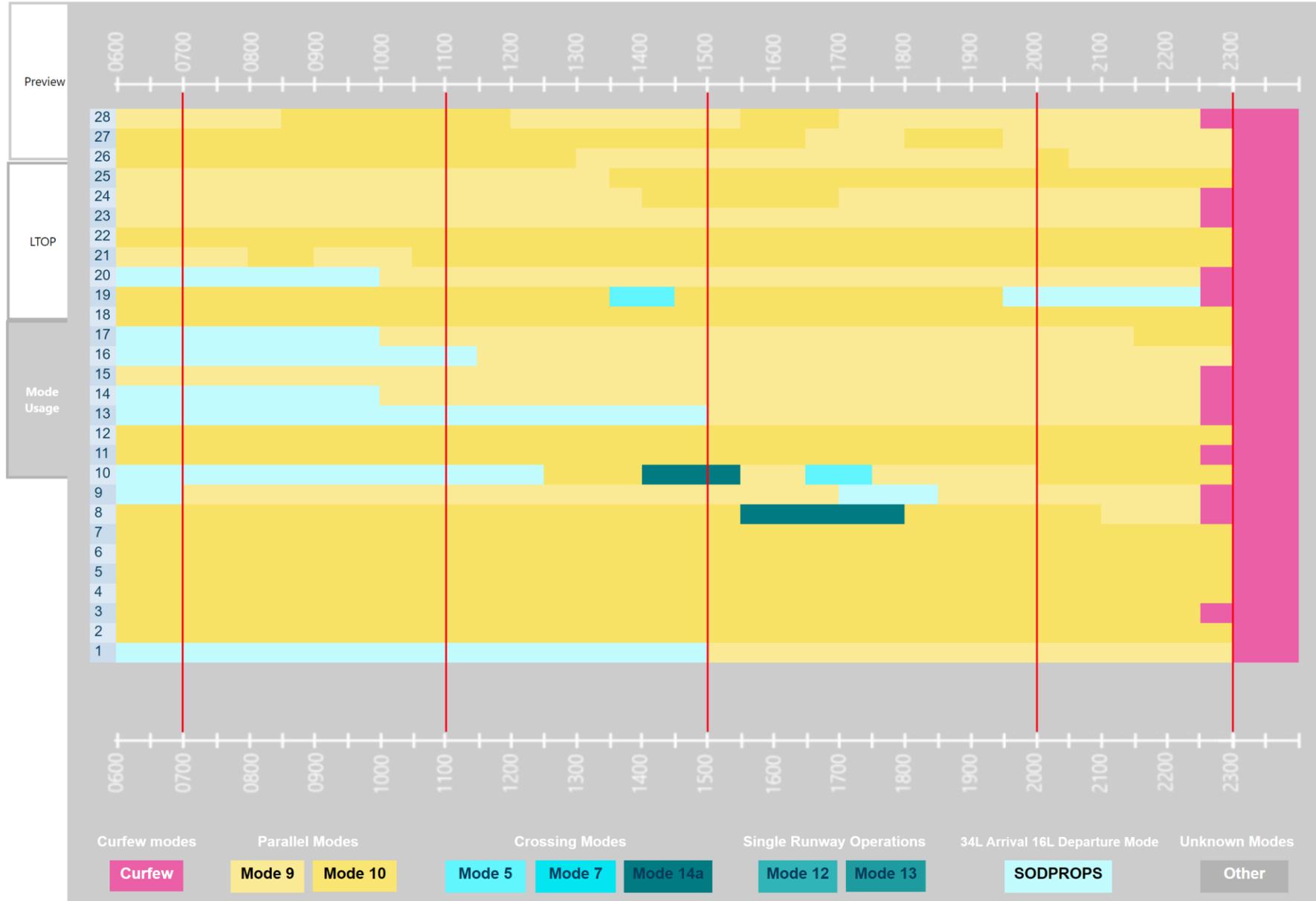
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Summary (Mode Usage)

February
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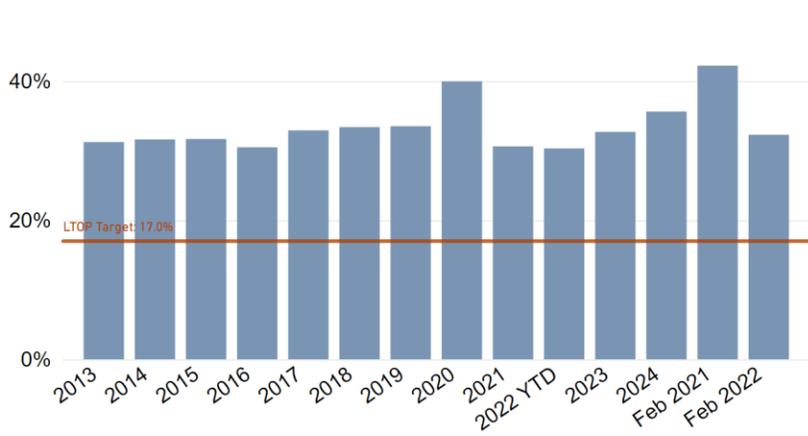
Feb-22



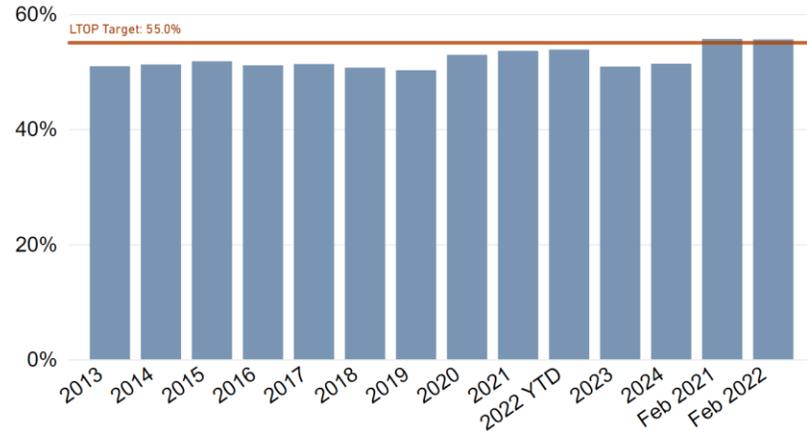
LTOP Targets

February 2022

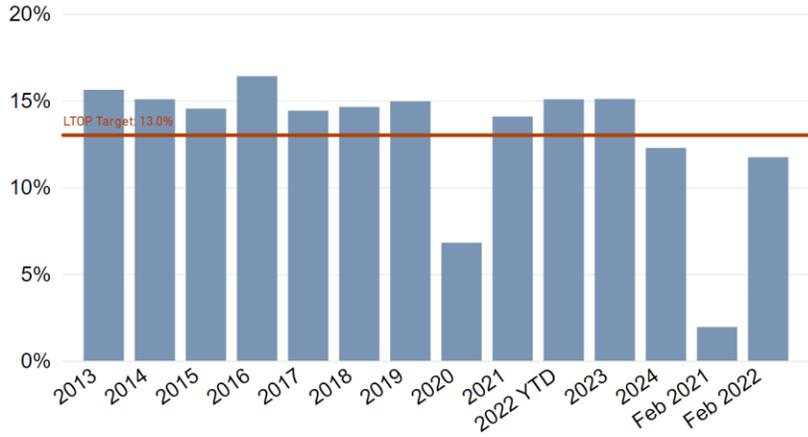
Northern runway end impact (16L and 16R arrivals plus 34L departures)



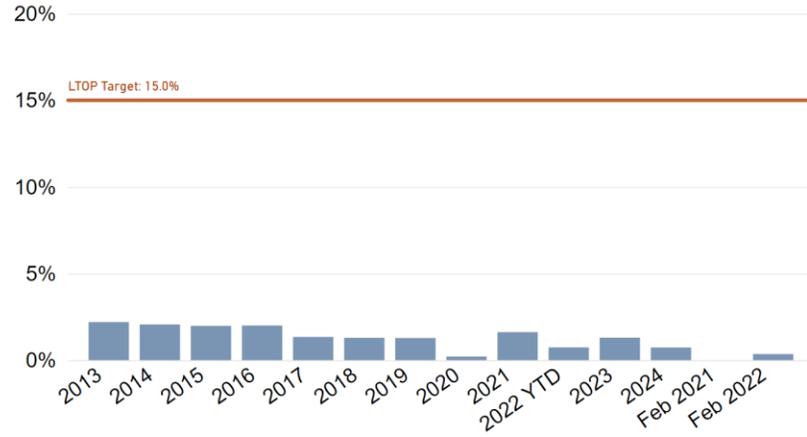
Southern runway end impact (16L and 16R departures plus 34L and 34R arrivals)



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

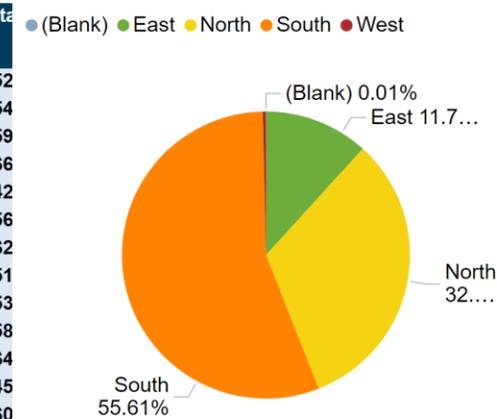
Operations by direction

February 2022

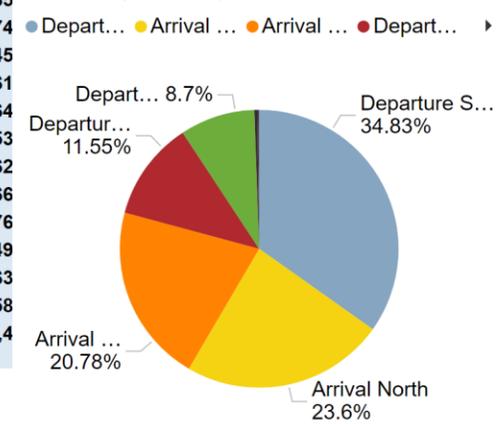
Operations by day, direction and runway

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		Total	
2/1/2022			1		60				96	96	105	20	216	27	368		52	
2/2/2022	1	1					67	170		237	127	178	4		309		54	
2/3/2022							86	181		267	133	194			327		59	
2/4/2022							106	189		295	159	211			370		66	
2/5/2022							49	147		196	93	136	1		230	1	42	
2/6/2022							81	173		254	133	182			315		56	
2/7/2022							98	176		274	153	193	4		350		62	
2/8/2022				5		5	26	140	15	181	115	152	26	2	295	35	51	
2/9/2022				135		135			112	112	27	18	191	48	284		53	
2/10/2022				15	58	73	25	34	66	125	127	78	141	25	371	17	58	
2/11/2022	1	1					118	189		307	127	213	1		341		64	
2/12/2022							63	148		211	101	141	2		244		45	
2/13/2022				104		104			99	99	142	2	201	56	401	1	60	
2/14/2022				166		166			113	113	74	6	229	60	369		64	
2/15/2022				178		178			104	104		24	193	54	271		55	
2/16/2022				120		120			95	95	84	24	219	38	365		58	
2/17/2022				151		151	5	13	97	115	73	44	205	62	384		65	
2/18/2022							123	204		327	190	223	9		422		74	
2/19/2022				15		15	60	116	15	191	110	121	20		251		45	
2/20/2022				196		196			107	107	49		206	60	315		61	
2/21/2022				61		61	100	149	28	277	108	146	43	13	310		64	
2/22/2022							73	164		237	115	177	8		300		53	
2/23/2022				169		169			146	146		25	205	81	311	1	62	
2/24/2022				139		139	7	35	131	173	37	60	180	70	347	1	66	
2/25/2022				126		126	77	120	60	257	103	140	104	33	380	1	76	
2/26/2022				71		71	25	92	43	160	68	83	77	37	265	1	49	
2/27/2022				48		48	63	118	44	225	125	142	68	23	358		63	
2/28/2022				117		117	27	56	65	148	52	83	142	45	322		58	
Total	2	2	1	30	1,904	1,935	1,279	2,614	1,436	5,329	2,730	3,016	2,695	734	9,175	58	58	16,4

Total operations by compass direction



Arrivals/departures by direction



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All

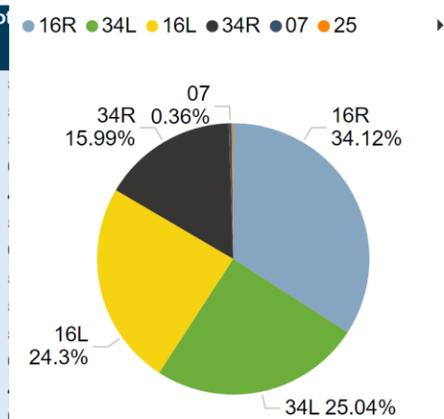
Runway use summary

February
2022

Operations by day and runway

Runway	07		16L			16R			25		34L			34R			Total			
Date	Arr	Total	Arr	Dep	Total	Arr	Dep	Total	Arr	Total	Arr	Dep	Total	Arr	Dep	Total	Total			
2/1/2022			1		1		105	105		20	20		216	96	312	27	60	87		
2/2/2022	1	1				67	127	194	170	178	348		4		4					
2/3/2022						86	133	219	181	194	375									
2/4/2022						106	159	265	189	211	400									
2/5/2022			1		1	49	93	142	147	136	283		1		1					
2/6/2022						81	133	214	173	182	355									
2/7/2022						98	153	251	176	193	369		4		4					
2/8/2022			35		35	26	115	141	140	152	292		26	15	41	2	5	7		
2/9/2022							27	27		18	18		191	112	303	48	135	183		
2/10/2022			17		17	25	127	152	34	78	112	15	15	141	66	207	25	58	83	
2/11/2022	1	1				118	127	245	189	213	402		1		1					
2/12/2022						63	101	164	148	141	289		2		2					
2/13/2022			1		1		142	142		2	2		201	99	300	56	104	160		
2/14/2022							74	74		6	6		229	113	342	60	166	226		
2/15/2022										24	24		193	104	297	54	178	232		
2/16/2022							84	84		24	24		219	95	314	38	120	158		
2/17/2022						5	73	78	13	44	57		205	97	302	62	151	213		
2/18/2022						123	190	313	204	223	427		9		9					
2/19/2022						60	110	170	116	121	237	15	15	20	15	35				
2/20/2022							49	49					206	107	313	60	196	256		
2/21/2022						100	108	208	149	146	295		43	28	71	13	61	74		
2/22/2022						73	115	188	164	177	341		8		8					
2/23/2022			1		1					25	25		205	146	351	81	169	250		
2/24/2022			1		1	7	37	44	35	60	95		180	131	311	70	139	209		
2/25/2022			1		1	77	103	180	120	140	260		104	60	164	33	126	159		
2/26/2022			1		1	25	68	93	92	83	175		77	43	120	37	71	108		
2/27/2022						63	125	188	118	142	260		68	44	112	23	48	71		
2/28/2022						27	52	79	56	83	139		142	65	207	45	117	162		
Total	2	2	58	1	59	1,100	2,700	4,000	2,300	3,000	5,630	30	30	2,695	1,436	4,131	734	1,904	2,638	16,000

Operations by runway



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Hourly movement summary

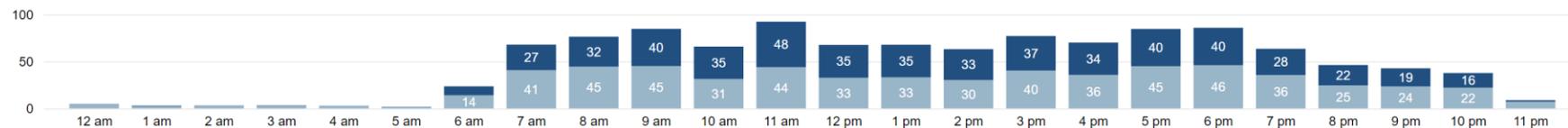
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Operations by hour of day

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
2/1/2022	6	3	3	4	3	2	13	35	43	37	25	39	23	26	30	25	28	39	39	28	20	25	20	9	525
2/2/2022	7	4	1				15	42	48	34	21	45	32	24	27	28	41	40	34	31	17	30	17	9	547
2/3/2022	1	5	1	1			14	39	49	36	28	39	26	34	25	40	37	42	50	39	24	29	28	7	594
2/4/2022	5	2	3				15	49	44	45	39	45	36	34	31	57	47	52	56	41	28	23	12	1	665
2/5/2022	1		2	1		2	9	34	35	42	36	48	22	33	20	25	29	25	14	11	15	12	8	3	427
2/6/2022					1	1	10	25	23	28	29	50	27	36	40	47	41	49	57	40	25	23	16	1	569
2/7/2022	2	1					16	42	52	45	42	54	34	39	31	35	36	42	53	28	19	23	20	10	624
2/8/2022	5	3	3	5	3	3	12	33	41	41	25	36	28	31	27	30	29	42	30	24	18	19	17	11	516
2/9/2022	5	3	1	2	6	1	12	38	38	43	23	42	26	30	25	37	27	34	41	26	21	25	20	5	531
2/10/2022	7	1	5	4	3	2	10	39	44	40	30	44	24	35	22	40	27	44	47	37	29	22	22	8	586
2/11/2022	3	1	1	1			13	51	48	47	32	30	35	44	43	43	34	50	57	51	18	22	25		649
2/12/2022	1	2		2			10	33	45	46	36	49	29	29	23	23	24	26	21	15	11	17	11	2	455
2/13/2022							6	23	28	32	29	47	40	38	44	51	36	59	53	42	32	23	21	1	605
2/14/2022			1				17	45	55	50	44	51	36	35	38	37	36	50	47	29	29	21	23	4	648
2/15/2022	5	6	2	3	4	3	18	40	38	50	23	34	29	30	26	32	29	48	36	27	21	18	21	10	553
2/16/2022	8	3	5	5	3	3	13	41	43	48	19	46	33	30	24	39	34	38	49	24	19	22	23	8	580
2/17/2022	5	1	4	4	5		14	41	44	45	31	43	32	40	30	43	40	45	38	37	35	33	29	11	650
2/18/2022	6	3	4	4	5		16	47	48	57	37	58	45	44	42	54	44	63	55	48	26	20	23		749
2/19/2022		2					14	28	37	49	33	54	33	30	25	19	30	26	20	17	12	15	13		457
2/20/2022			1				9	22	23	38	36	49	41	39	43	46	46	54	58	39	30	27	16	1	618
2/21/2022					2		15	44	42	59	37	54	43	36	33	42	30	47	46	36	26	22	25	9	648
2/22/2022	5	1	1	3	6	2	18	32	43	45	28	35	28	1	8	46	46	42	40	34	21	21	25	6	537
2/23/2022	6	4	6	4	3	5	10	40	35	48	29	43	38	36	29	39	36	43	57	33	24	24	21	14	627
2/24/2022	6	1	4	7	5	1	14	38	42	43	27	52	34	38	29	45	37	38	53	54	33	23	24	12	660
2/25/2022	10	1	6	6	2	2	9	41	49	48	47	54	44	47	44	56	45	61	53	51	38	23	25	2	764
2/26/2022				1	1		12	27	39	49	39	49	40	35	33	31	28	28	31	10	14	15	13	2	497
2/27/2022		2					6	25	25	33	38	41	48	37	35	52	41	50	64	49	34	22	27	2	631
2/28/2022		1		1		2	17	39	44	41	40	35	27	30	41	39	32	40	41	35	26	25	22	9	587
Total	94	50	54	58	52	29	357	1,033	1,145	1,219	903	1,266	933	941	868	1,101	990	1,217	1,240	936	665	624	567	157	16,499

Average daily operations by hour of day

● Weekday ● Weekend



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Mode utilization summary

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Duration of mode use

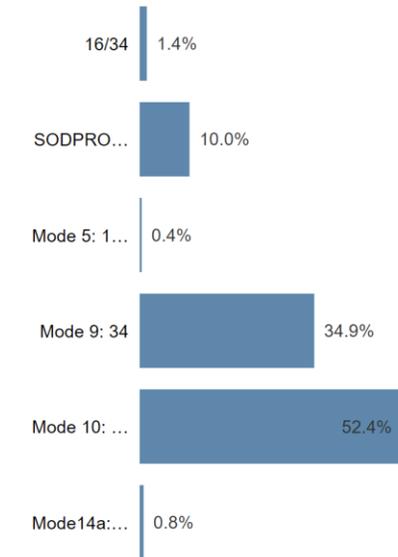
Date	Curfew	16/34	SODPROPS	Mode 5: 16/25	Mode 7: 25/34	Mode 9: 34	Mode 10: 16	Mode 12: 07	Mode 13: 25	Mode14a: 16/07	Other	Total
2/1/2022	07:00	00:15	09:07			07:38						24:00
2/2/2022	07:00						17:00					24:00
2/3/2022	07:00	00:18					16:42					24:00
2/4/2022	07:00	00:15					16:45					24:00
2/5/2022	07:00						17:00					24:00
2/6/2022	07:00	00:06					16:54					24:00
2/7/2022	07:00						17:00					24:00
2/8/2022	07:00	00:25				01:41	12:46			02:08		24:00
2/9/2022	07:00	00:20	02:21			14:19						24:00
2/10/2022	07:00	00:15	06:43	00:54		03:25	04:04			01:38		24:00
2/11/2022	07:00	00:16					16:44					24:00
2/12/2022	07:00	00:14					16:46					24:00
2/13/2022	07:00	00:16	08:54			07:50						24:00
2/14/2022	07:00	00:19	03:50			12:51						24:00
2/15/2022	07:00	00:22				16:38						24:00
2/16/2022	07:00	00:15	05:19			11:26						24:00
2/17/2022	07:00	00:08	04:08			11:29	01:15					24:00
2/18/2022	07:00	00:15					16:45					24:00
2/19/2022	07:00	00:22	03:01	01:01			12:35					24:00
2/20/2022	07:00	00:24	04:08			12:28						24:00
2/21/2022	07:00	00:13				03:29	13:18					24:00
2/22/2022	07:00	00:08					16:52					24:00
2/23/2022	07:00	00:23				16:37						24:00
2/24/2022	07:00	00:24				13:35	03:01					24:00
2/25/2022	07:00	00:13				07:27	09:20					24:00
2/26/2022	07:00	00:15				09:02	07:43					24:00
2/27/2022	07:00	00:13				04:56	11:51					24:00
2/28/2022	07:00	00:18				11:27	05:15					24:00
Total	196:00	06:52	47:31	01:55		166:17	249:39			03:46		672:00

Days with a mode used in excess of 9 hours

26 Any Mode 10 Mode 9 15 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%	6.4%	1.4%		42.0%	48.1%	0.5%		1.1%
Time	1.5%	7.0%	1.7%		41.2%	46.7%	0.4%		1.3%

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Runway 16 Precision Runway Monitor operations

February
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

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Runway 34 departures maintaining heading

February
2022

1,436

Flights departing from runway 34L

46

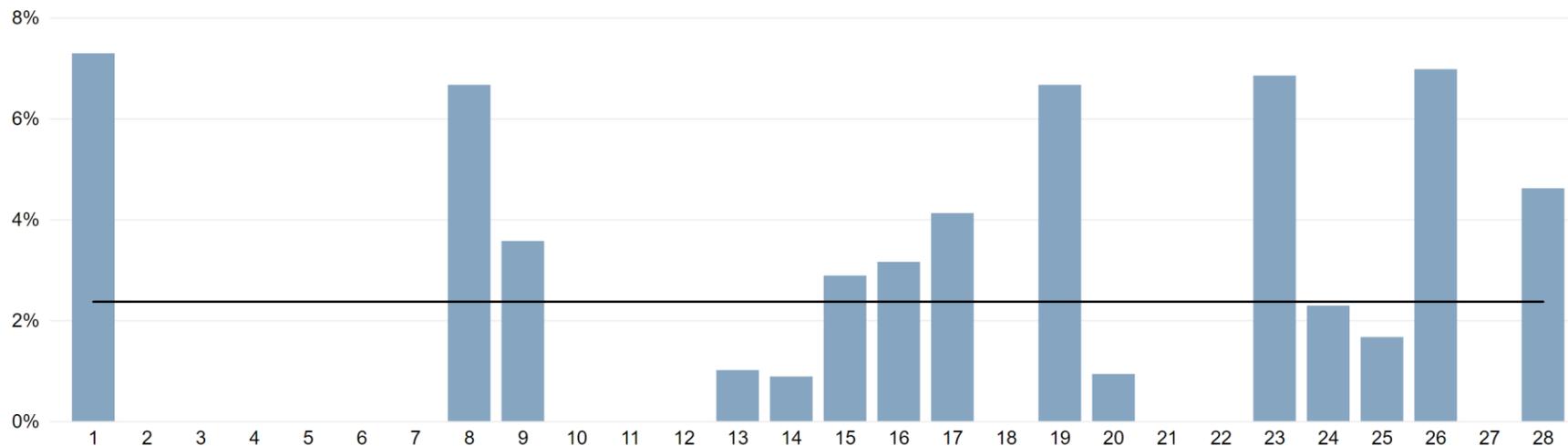
Flights maintaining runway heading

3.20%

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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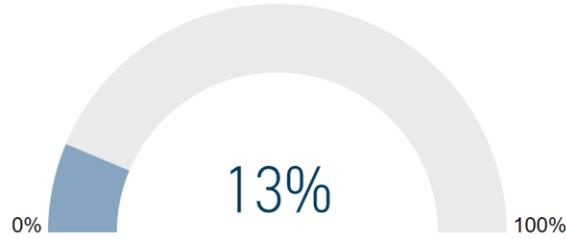
Select a month :

Feb-22

Noise sharing during non-peak hours

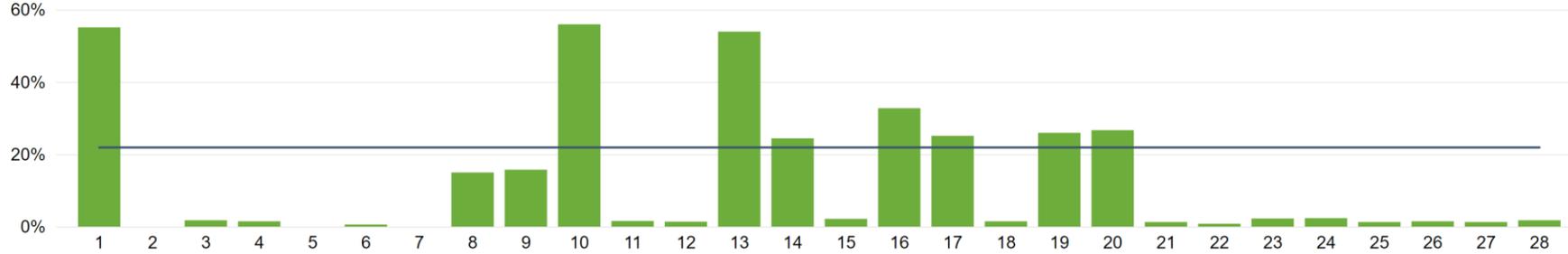
February 2022

Noise sharing time by month



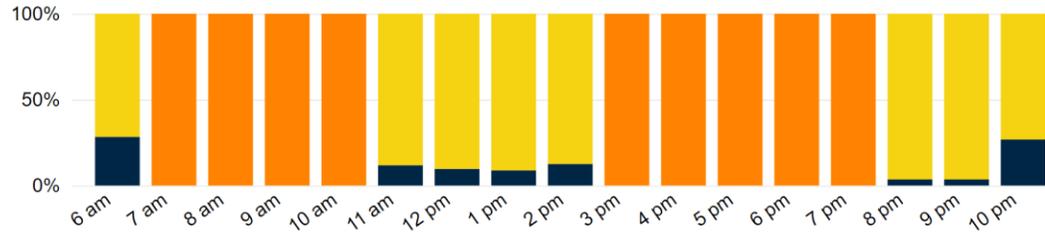
By day

● Noise Sharing Time — Average last 13 months

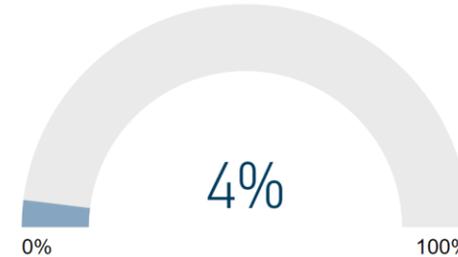


By hour

● Time spent ● Non-peak periods ● Peak periods



Flights during noise sharing



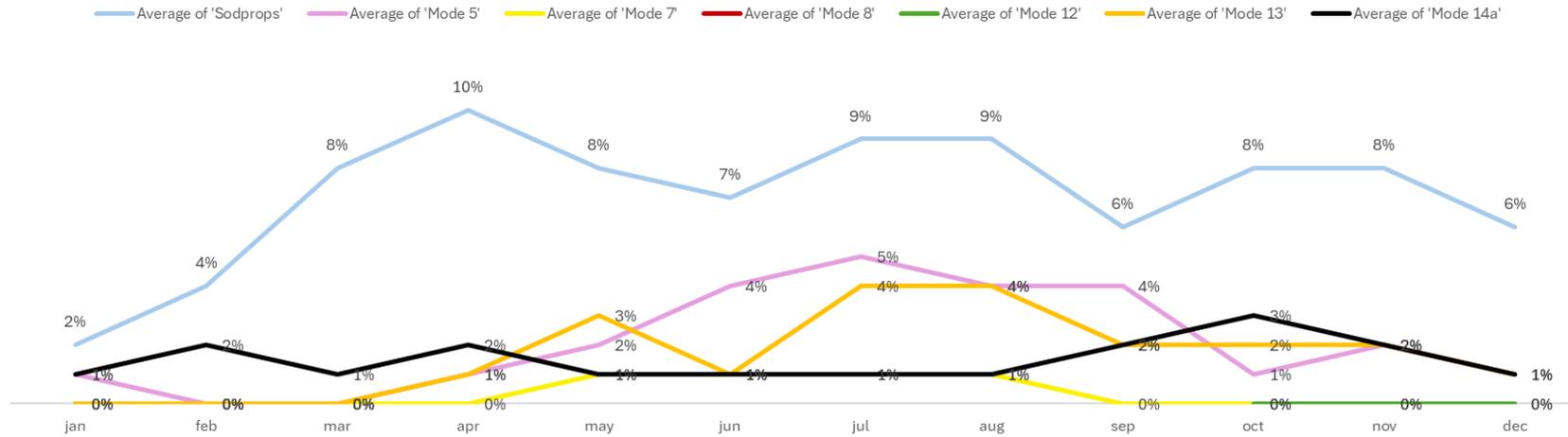
Note :

- 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.

[Click here for 'Help'](#)

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

