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Select a month :

Dec-20

Summary (Preview)

December
2020

Preview

LTOP

Mode Usage

Total Runway Movements

2020		2019	
Dec-20	Nov-20	Dec-19	Nov-19
13,385	8,821	28,094	27,903
Total	Total	Total	Total
432	294	906	930
Daily Avg	Daily Avg	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		Dec-20		Nov-20
North	17%	▲	40.43%	▼	44.62%
South	55%	▼	54.14%	▲	53.58%
East	13%	▼	5.21%	▲	1.69%
West	15%	▼	0.00%		0.00%

▲ ▼ LTOP Target VS Dec-20
 ▼ ▲ Dec-20 VS Nov-20

Mode Utilization

Number of days individual mode used in excess of 9 hours

30

Airport Mode	Days
Mode 10	16
Mode 9	13
SODPROPS	1

4.03%

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

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)

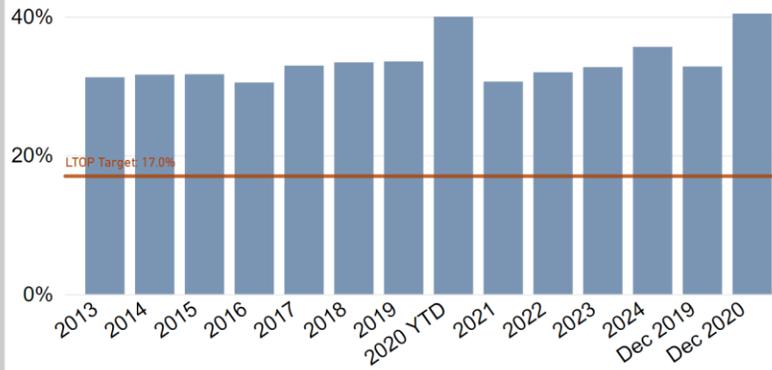
December 2020

Preview

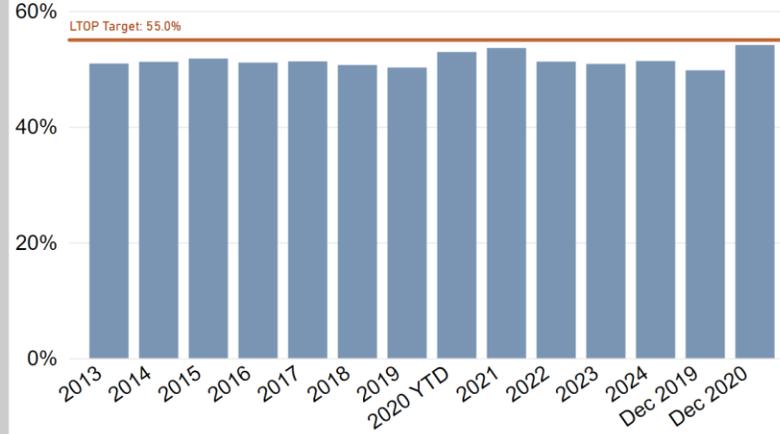
LTOP

Mode Usage

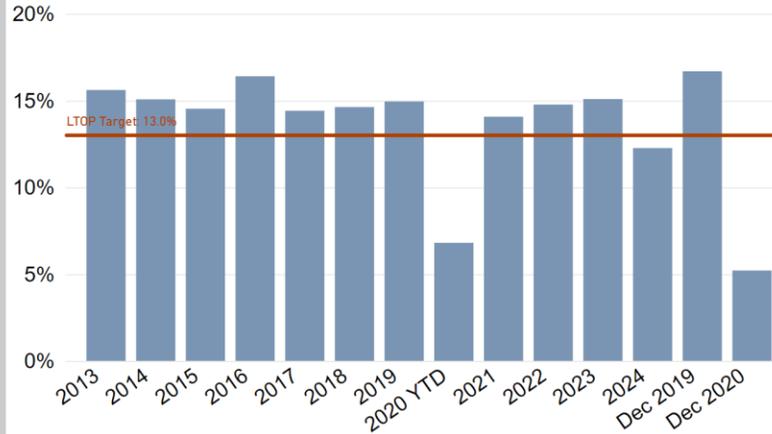
Northern runway end impact (16L and 16R arrivals plus 34L departures)



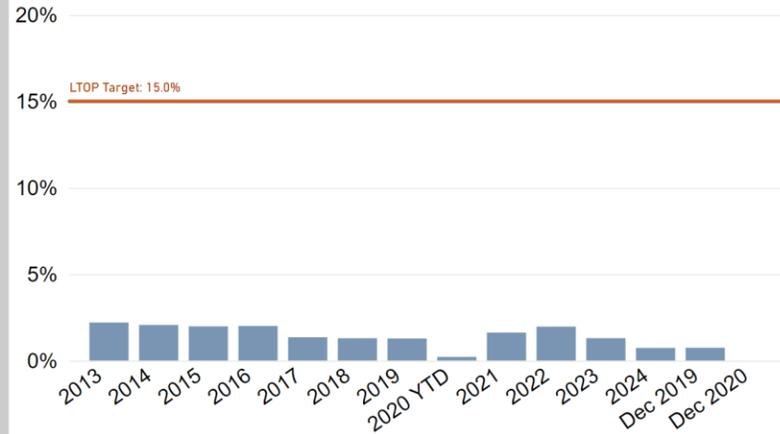
Southern runway end impact (16L and 16R departures plus 34L and 34R arrivals)



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



Western runway end impact (07 arrivals plus 25 departures)



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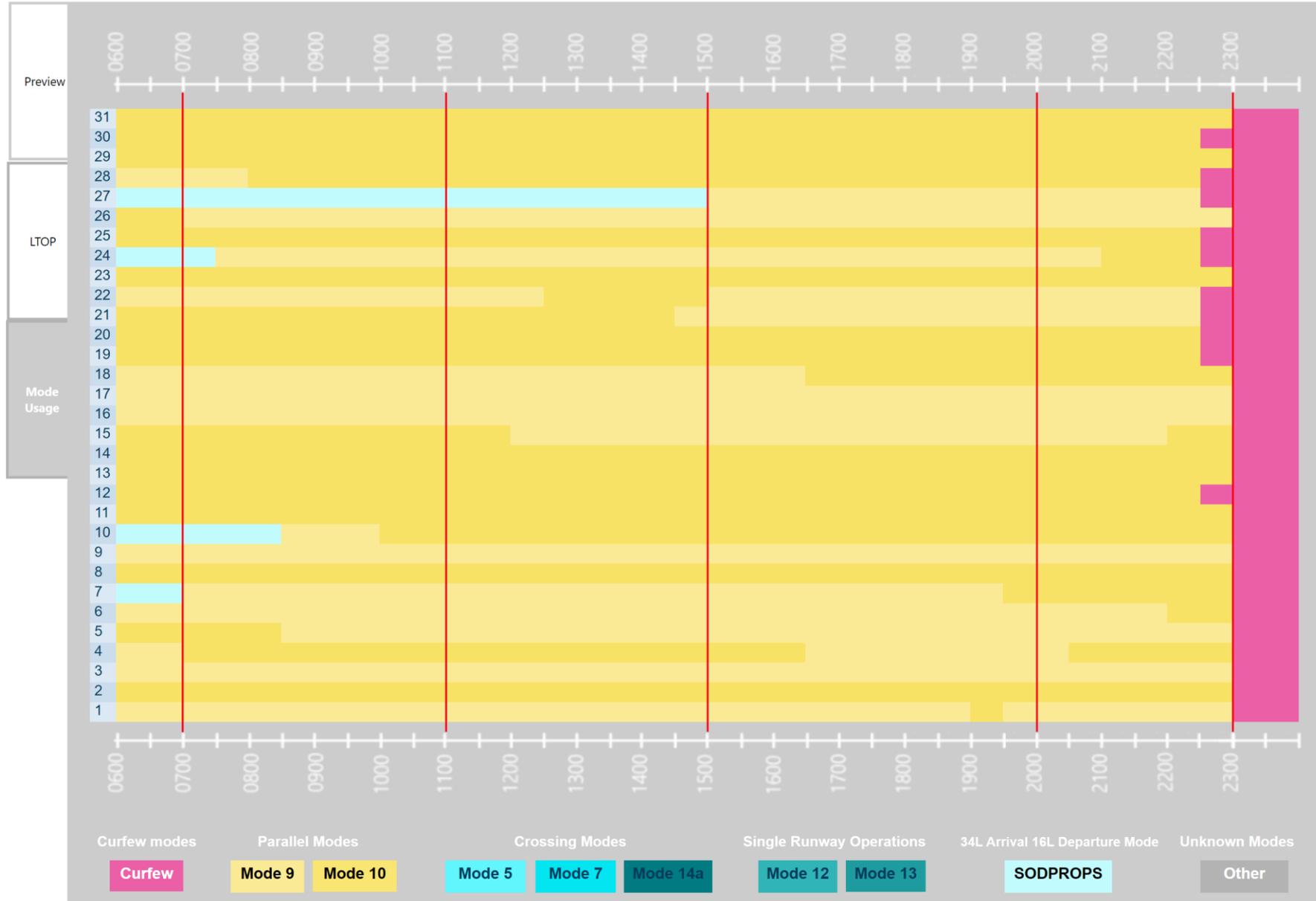
Select a month :

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Summary (Mode Usage)

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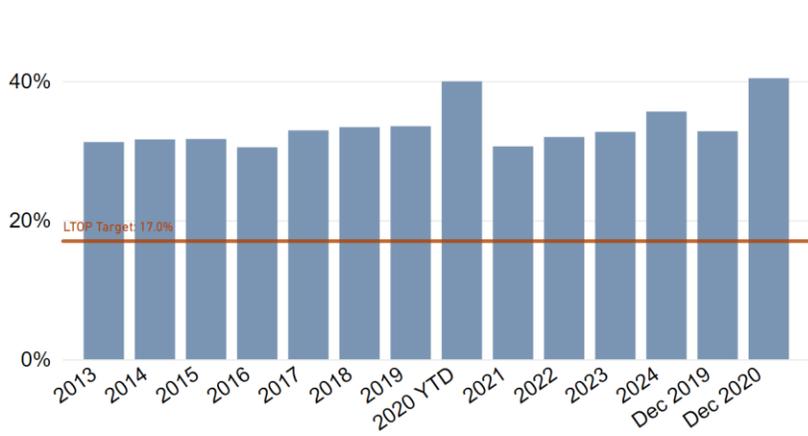
Select a month :

Dec-20

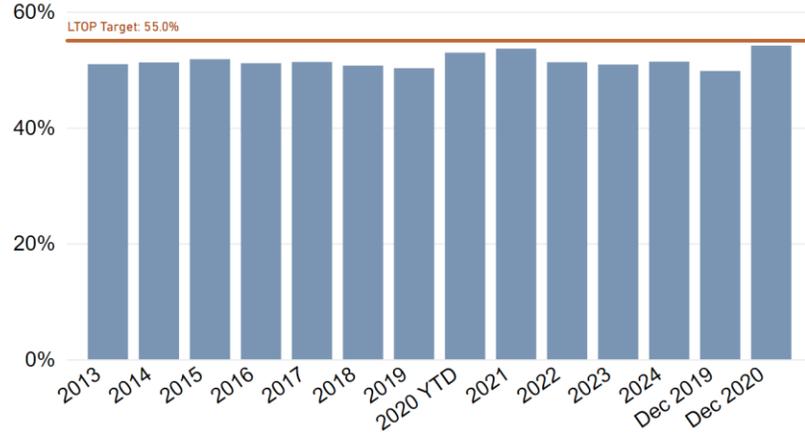
LTOP Targets

December 2020

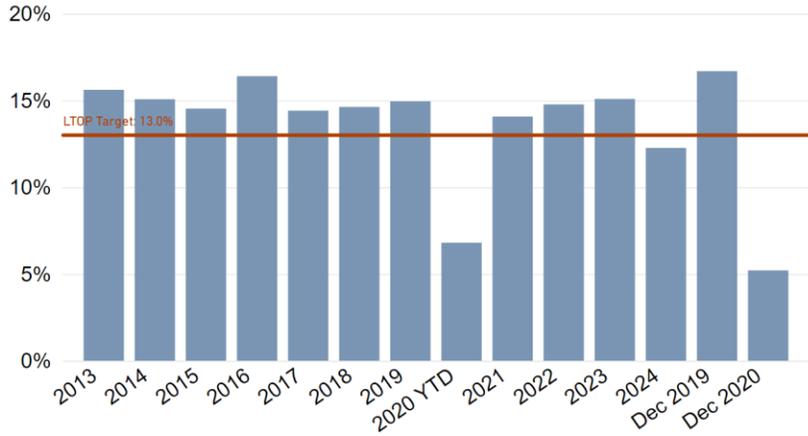
Northern runway end impact (16L and 16R arrivals plus 34L departures)



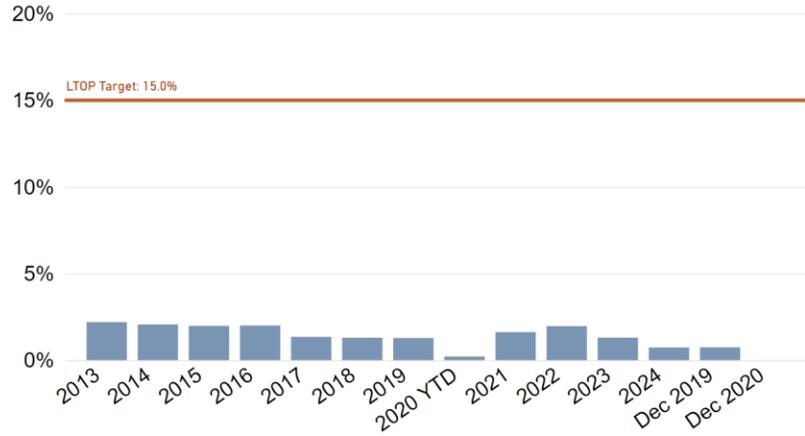
Southern runway end impact (16L and 16R departures plus 34L and 34R arrivals)



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

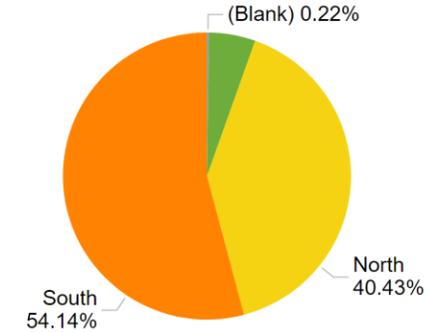
December 2020

Operations by day, direction and runway

Sector	Date	Total	East		North			South				Total		
			34R D	Total	16L A	16R A	34L D	Total	16L D	16R D	34L A		34R A	Total
12/1/2020	2	2	56	56			144	144	21	4	145	46	216	418
12/2/2020					31	170		201	55	194		6	255	456
12/3/2020	1	1	65	65			139	139	20	5	160	43	228	433
12/4/2020			27	27	12	120	38	170	38	165	61	31	295	492
12/5/2020			6	6		11	170	181	2	23	143	8	176	363
12/6/2020			8	8			213	213		9	174	14	197	418
12/7/2020			71	71	3	37	147	187	23	29	147	35	234	492
12/8/2020	3	3			32	176		208	71	201		12	284	495
12/9/2020			57	57			206	206	22	4	197	45	268	531
12/10/2020	1	1	18	18	37	142	17	196	82	170	42	17	311	526
12/11/2020	2	2			26	214		240	52	259		1	312	554
12/12/2020					24	159		183	36	188		2	226	409
12/13/2020	1	1			32	168		200	52	214	1	1	268	469
12/14/2020	2	2			35	204		239	55	242		4	301	542
12/15/2020	1	1	23	23	19	65	105	189	40	103	119	25	287	500
12/16/2020			107	107			172	172	19	5	189	62	275	554
12/17/2020			112	112			151	151	16	5	179	73	273	536
12/18/2020			87	87	36	79	110	225	50	66	115	28	259	571
12/19/2020	3	3			7	191		198	2	247			249	450
12/20/2020	2	2			35	181		216	64	212		2	278	496
12/21/2020	1	1	26	26	13	77	77	167	31	126	96	24	277	471
12/22/2020			30	30		20	142	162		50	140	24	214	406
12/23/2020	2	2			9	177		186	2	245	14		261	449
12/24/2020	1	1				11	175	186	11	32	170		213	400
12/25/2020	3	3				112		112		133			133	248
12/26/2020						5	142	147		5	110		115	262
12/27/2020			4	4			87	87	83	1	130	8	222	313
12/28/2020					6	97	10	113		116	2		118	231
12/29/2020	2	2				136		136		160	3		163	301
12/30/2020	3	3				146		146		186	9		195	344
12/31/2020						111		111		137	7		144	255
Total	30	30	697	697	357	2,809	2,245	5,411	847	3,536	2,353	511	7,247	13,385

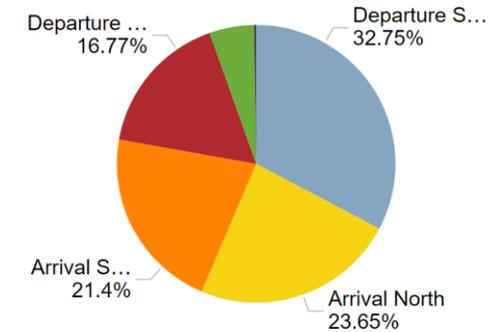
Total operations by compass direction

(Blank) East North South



Arrivals/departures by direction

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



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Select a type :

All

Runway use summary

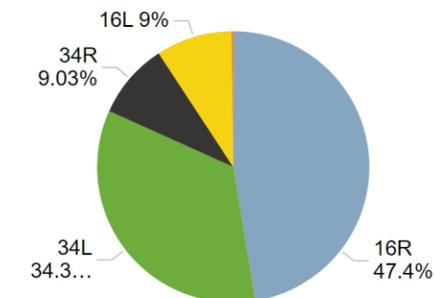
December
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Operations by day and runway

Runway Date	16L			16R			34L			34R			Total			
	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total				
12/1/2020	2		2		21	21		4	4	145	144	289	46	56	102	418
12/2/2020				31	55	86	170	194	364				6		6	456
12/3/2020		1	1		20	20		5	5	160	139	299	43	65	108	433
12/4/2020				12	38	50	120	165	285	61	38	99	31	27	58	492
12/5/2020					2	2	11	23	34	143	170	313	8	6	14	363
12/6/2020								9	9	174	213	387	14	8	22	418
12/7/2020				3	23	26	37	29	66	147	147	294	35	71	106	492
12/8/2020		3	3	32	71	103	176	201	377				12		12	495
12/9/2020					22	22		4	4	197	206	403	45	57	102	531
12/10/2020		1	1	37	82	119	142	170	312	42	17	59	17	18	35	526
12/11/2020		2	2	26	52	78	214	259	473				1		1	554
12/12/2020				24	36	60	159	188	347				2		2	409
12/13/2020		1	1	32	52	84	168	214	382	1		1	1		1	469
12/14/2020		2	2	35	55	90	204	242	446				4		4	542
12/15/2020	1		1	19	40	59	65	103	168	119	105	224	25	23	48	500
12/16/2020					19	19		5	5	189	172	361	62	107	169	554
12/17/2020					16	16		5	5	179	151	330	73	112	185	536
12/18/2020				36	50	86	79	66	145	115	110	225	28	87	115	571
12/19/2020		3	3	7	2	9	191	247	438							450
12/20/2020		2	2	35	64	99	181	212	393				2		2	496
12/21/2020		1	1	13	31	44	77	126	203	96	77	173	24	26	50	471
12/22/2020							20	50	70	140	142	282	24	30	54	406
12/23/2020		2	2	9	2	11	177	245	422	14		14				449
12/24/2020	1		1		11	11	11	32	43	170	175	345				400
12/25/2020		3	3				112	133	245							248
12/26/2020							5	5	10	110	142	252				262
12/27/2020					83	83		1	1	130	87	217	8	4	12	313
12/28/2020				6		6	97	116	213	2	10	12				231
12/29/2020		2	2				136	160	296	3		3				301
12/30/2020		3	3				146	186	332	9		9				344
12/31/2020							111	137	248	7		7				255
Total	4	26	30	357	847	1,204	2,809	3,536	6,345	2,353	2,245	4,598	511	697	1,208	13,385

Operations by runway

● 16R ● 34L ● 34R ● 16L ● (Blank)



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Select a type :

Hourly movement summary

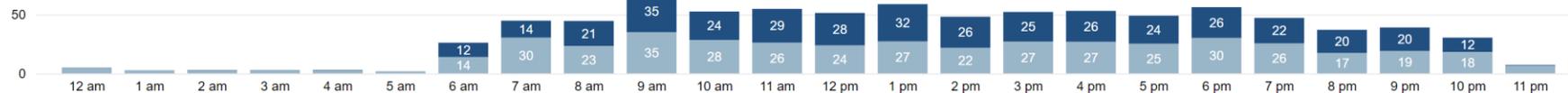
December
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Operations by hour of day

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
12/1/2020	5	4	4	6	4	3	16	32	26	28	32	28	17	27	26	26	25	21	19	7	20	16	17	9	418
12/2/2020	6	1	3	1			12	37	28	35	28	28	18	22	21	27	26	29	35	28	18	21	22	10	456
12/3/2020	4	1	4	6	4	3	15	33	26	28	24	22	20	18	21	25	25	29	32	29	18	19	15	12	433
12/4/2020	5	2	4	6	5	2	13	34	22	36	39	28	27	23	22	36	31	31	38	33	21	18	14	2	492
12/5/2020	1		1		1			9	22	22	35	20	35	30	26	24	21	23	16	20	15	17	12	13	363
12/6/2020							10	16	21	31	30	23	27	36	26	33	33	25	32	26	20	19	10		418
12/7/2020							14	37	31	44	43	28	20	34	28	32	30	26	32	32	11	18	22	10	492
12/8/2020	7	3	6	5	4	2	18	37	27	37	29	27	26	26	27	37	24	24	33	25	19	24	20	8	495
12/9/2020	7	5	4	5	5	2	20	35	27	42	25	33	29	26	23	35	35	30	35	34	20	22	24	8	531
12/10/2020	8	3	4	6	1	5	21	35	32	35	37	25	24	26	19	33	33	32	39	27	18	30	27	6	526
12/11/2020	5	3	1		1	1	18	39	29	44	40	36	36	38	35	29	32	38	36	31	20	22	14	6	554
12/12/2020	1		1				15	17	22	43	24	32	35	27	26	25	24	26	23	18	20	19	11		409
12/13/2020	1				1		13	12	25	31	28	33	31	40	34	28	31	34	33	29	24	28	12	1	469
12/14/2020					2		15	38	27	55	35	35	33	35	31	29	35	28	39	32	21	19	22	11	542
12/15/2020	5	2	4	2	4	2	17	35	29	42	33	33	22	29	26	24	29	30	35	29	14	26	20	8	500
12/16/2020	4	2	3	5	3		18	36	33	43	35	35	27	38	26	33	31	33	36	30	21	26	25	11	554
12/17/2020	6	2	2	3	4	2	20	42	31	41	31	30	24	28	24	25	27	32	39	37	25	30	24	7	536
12/18/2020	7	5	3	2	5	4	17	38	27	44	42	37	28	34	21	36	39	35	35	41	28	23	15	5	571
12/19/2020							20	20	23	43	31	31	23	34	31	33	27	29	28	21	21	23	12		450
12/20/2020							13	11	23	43	28	33	38	38	32	32	25	30	35	37	31	26	18	3	496
12/21/2020	2					1	12	33	18	41	32	29	32	36	21	27	27	21	31	34	22	20	27	5	471
12/22/2020	6	4	6	1	4	5	11	29	19	33	18	19	25	26	15	26	19	21	28	21	18	18	25	9	406
12/23/2020	5	8	3	5	4	1	15	27	20	33	16	19	28	27	22	30	29	26	32	25	21	16	26	11	449
12/24/2020	5	5	1	6	7	1	12	24	21	25	23	17	21	31	22	24	27	29	30	24	16	16	13		400
12/25/2020			1	1		2	11	15	8	17	22	20	14	21	9	18	13	19	13	10	17	11	6		248
12/26/2020			1				10	11	17	24	14	19	16	23	16	12	25	13	14	10	13	13	11		262
12/27/2020		1		1	1		7	6	17	31	18	23	20	29	22	17	22	17	24	17	11	19	10		313
12/28/2020	1				1		4	7	10	27	19	19	21	19	15	14	20	4	15	16	6	6	7		231
12/29/2020							8	14	22	25	19	17	20	25	14	25	18	11	24	15	11	12	15	6	301
12/30/2020	4	5		1	2	4	8	22	14	30	18	19	23	23	20	15	24	18	25	20	7	16	17	9	344
12/31/2020	7	2	2	4	1	2	6	22	10	22	15	19	15	15	13	18	20	15	13	8	9	12	4	1	255
Total	102	58	58	66	64	42	418	816	707	1,088	848	832	770	880	712	825	829	772	903	761	558	600	518	158	13,385

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	Mode 14a: 16/07	Other	Total
12/1/2020	07:00		00:17			15:49	00:55					24:00
12/2/2020	07:00		00:17				16:43					24:00
12/3/2020	07:00		00:02			16:58						24:00
12/4/2020	07:00		00:02			05:06	11:52					24:00
12/5/2020	07:00	00:13	00:02			14:29	02:16					24:00
12/6/2020	07:00		00:08			16:03	00:49					24:00
12/7/2020	07:00		01:04			12:24	03:32					24:00
12/8/2020	07:00		00:15				16:45					24:00
12/9/2020	07:00		00:13			16:47						24:00
12/10/2020	07:00		02:41			01:37	12:42					24:00
12/11/2020	07:00		00:03				16:57					24:00
12/12/2020	07:00	00:21	00:03				16:36					24:00
12/13/2020	07:00		00:13				16:47					24:00
12/14/2020	07:00		00:14				16:46					24:00
12/15/2020	07:00	00:03	00:07			09:52	06:57					24:00
12/16/2020	07:00	00:15	00:03			16:42						24:00
12/17/2020	07:00		00:07			16:53						24:00
12/18/2020	07:00		00:03			10:14	06:43					24:00
12/19/2020	07:00	00:22	00:04				16:34					24:00
12/20/2020	07:00	00:24					16:36					24:00
12/21/2020	07:00	00:16				08:10	08:34					24:00
12/22/2020	07:00	00:16				14:29	02:15					24:00
12/23/2020	07:00	00:13					16:47					24:00
12/24/2020	07:00	00:26	01:22			13:50	01:22					24:00
12/25/2020	07:00	00:16					16:44					24:00
12/26/2020	07:00	00:10				15:42	01:08					24:00
12/27/2020	07:00	00:20	09:06			07:34						24:00
12/28/2020	07:00	00:31				02:10	14:19					24:00
12/29/2020	07:00	00:11					16:49					24:00
12/30/2020	07:00	00:16					16:44					24:00
12/31/2020	07:00	00:15					16:45					24:00
Total	217:00	04:48	16:26			214:49	290:57					744:00

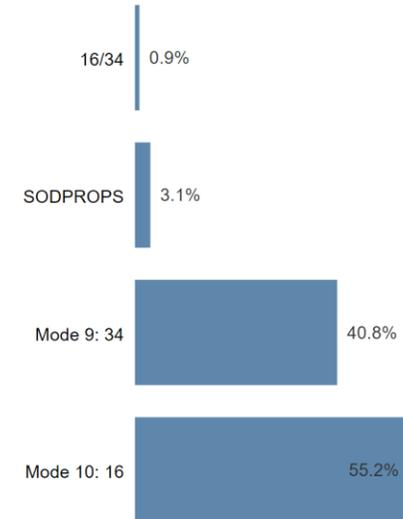
Days with a mode used in excess of 9 hours

30 13 16
Any Mode Mode 9 Mode 10

Days with SODPROPS used

21 21
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%	3.9%	0.1%	0.0%	43.3%	51.7%	0.2%	0.1%	0.1%
Time	1.5%	4.7%	0.1%	0.0%	46.2%	46.9%	0.1%	0.3%	0.1%

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Runway 16 Precision Runway Monitor operations

December
2020

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
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2,245

Flights departing from runway 34L

83

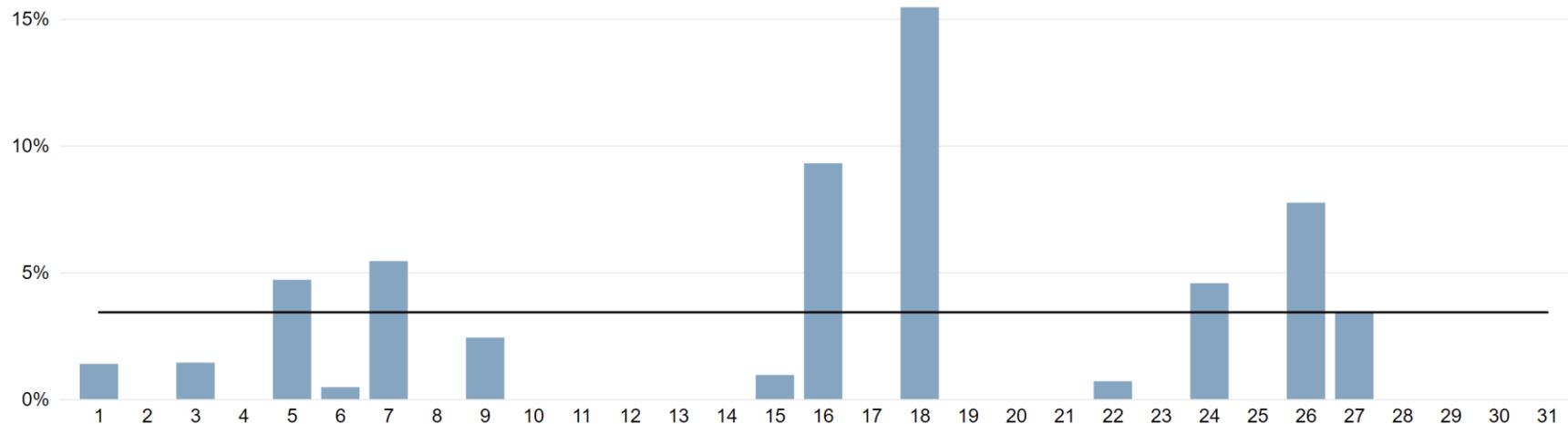
Flights maintaining runway heading

3.70%

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

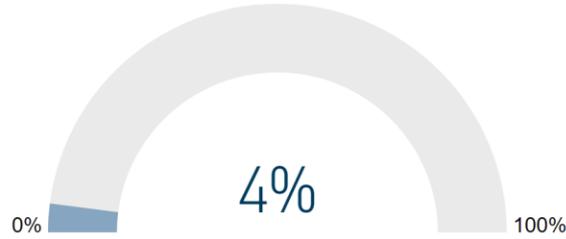
Select a month :

Dec-20

Noise sharing during non-peak hours

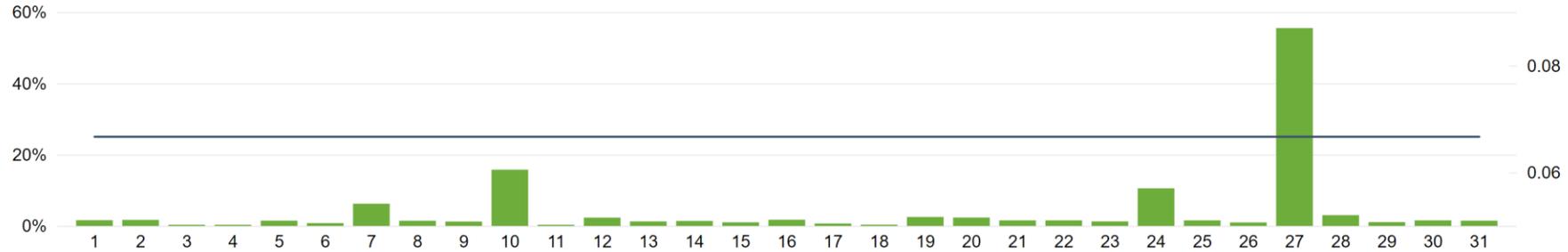
December 2020

Noise sharing time by month



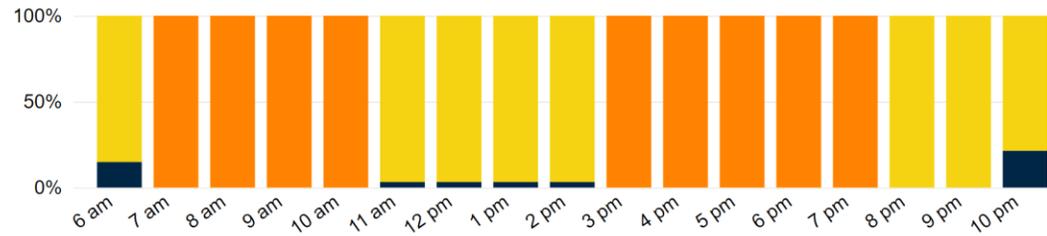
By day

● Noise Sharing Time — Average last 13 months

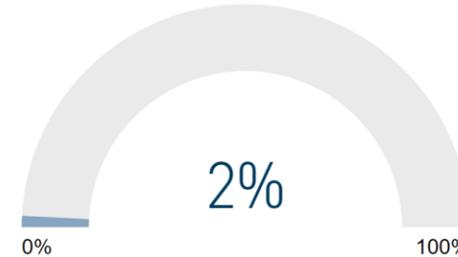


By hour

● Time spent ● Non-peak periods ● Peak periods



Flights during noise sharing



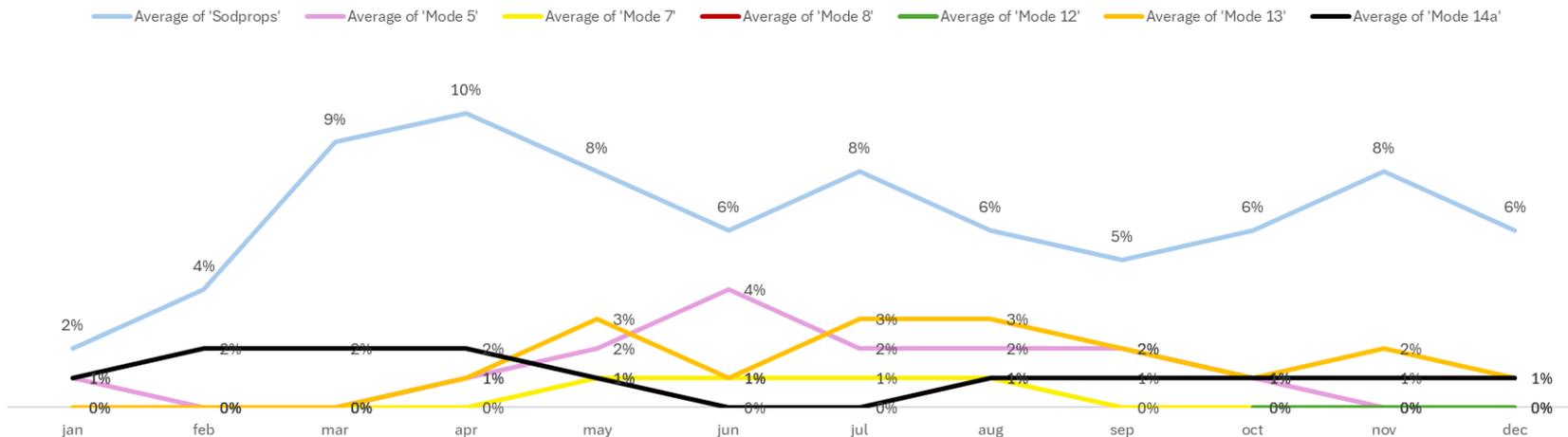
Note :

- 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

