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Select a month :

Dec-19

Summary (Preview)

December
2019

Preview

LTOP

Mode Usage

Total Runway Movements

2019		2018	
Dec-19	Nov-19	Dec-18	Nov-18
28,094	27,903	27,700	27,860
Total	Total	Total	Total
906	930	894	929
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-19		Nov-19
North	17%	▲	32.80%	▲	32.53%
South	55%	▼	49.77%	▼	49.86%
East	13%	▲	16.69%	▲	16.14%
West	15%	▼	0.74%	▼	1.47%

▲ LTOP Target VS Dec-19 ▼▲ Dec-19 VS Nov-19

Mode Utilization

Number of days individual mode used in excess of 9 hours

29

Airport Mode	Days
Mode 9	18
Mode 10	11

3.80%

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)

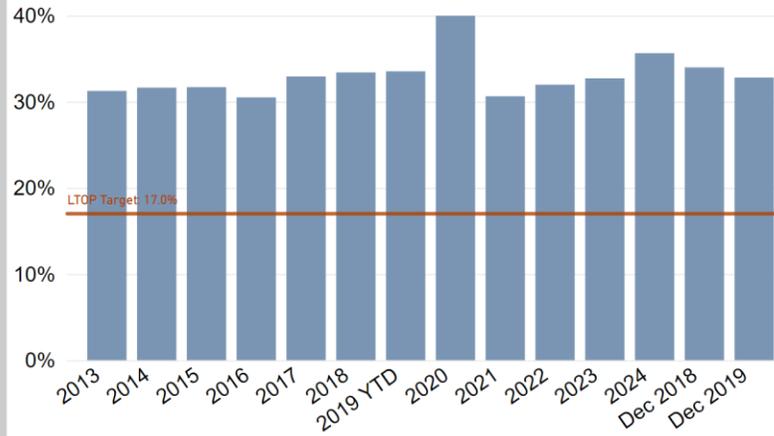
December 2019

Preview

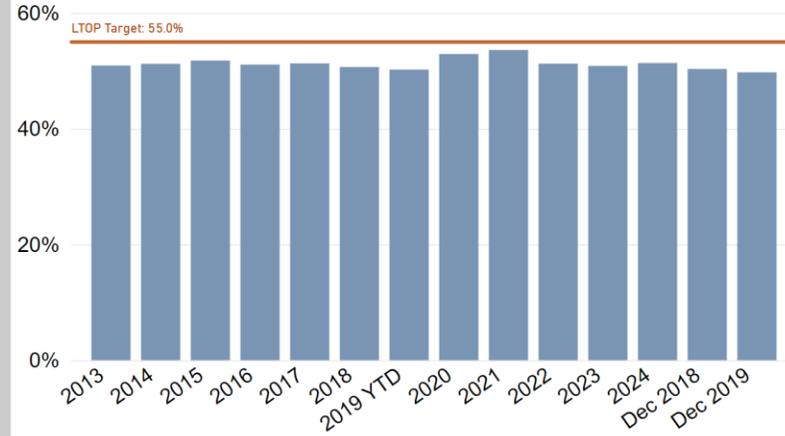
LTOP

Mode Usage

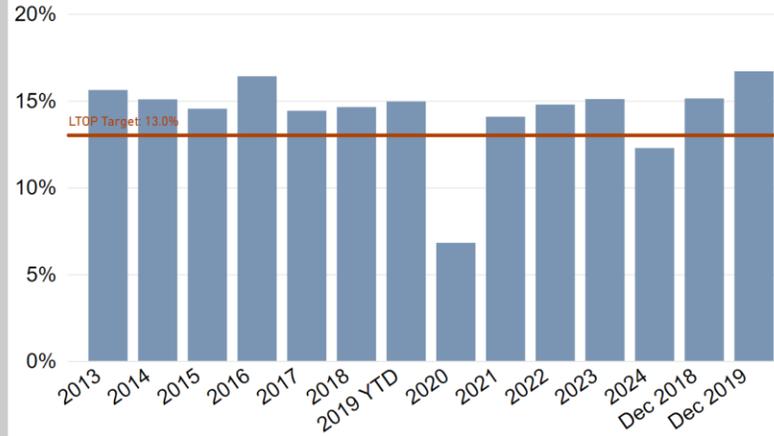
Northern runway end impact (16L and 16R arrivals plus 34L departures)



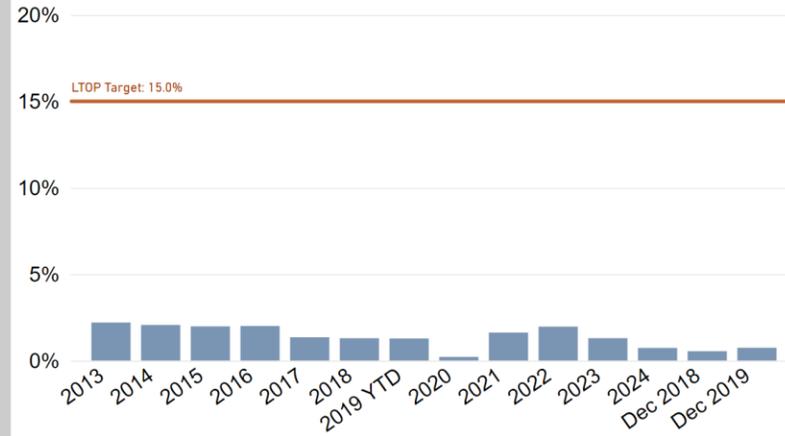
Southern runway end impact (16L and 16R departures plus 34L and 34R arrivals)



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



Western runway end impact (07 arrivals plus 25 departures)



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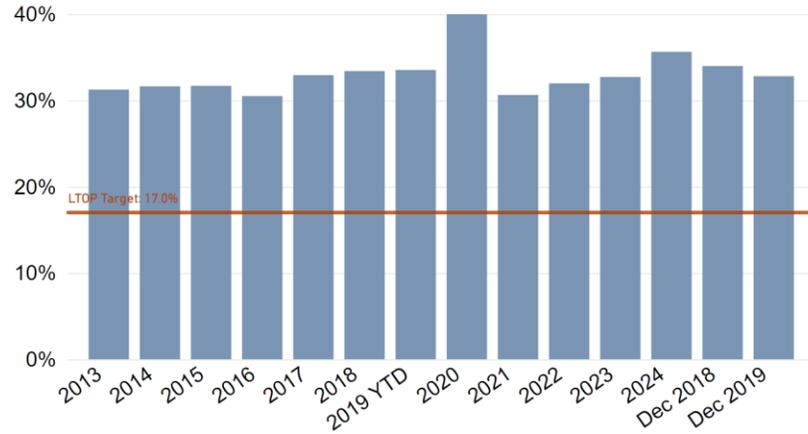
Dec-19



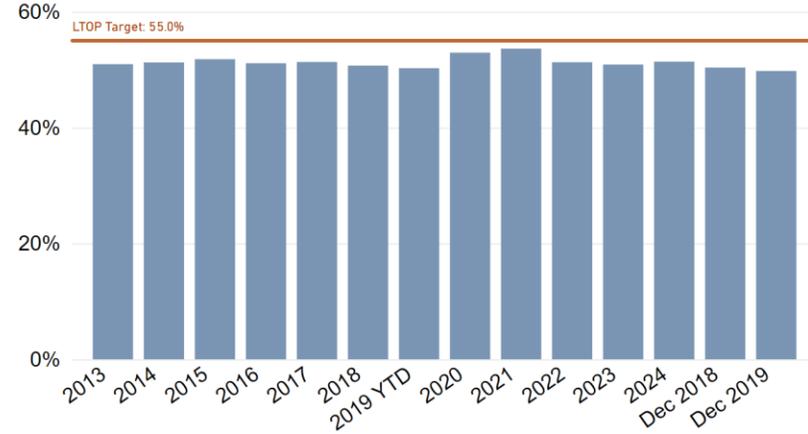
LTOP Targets

December 2019

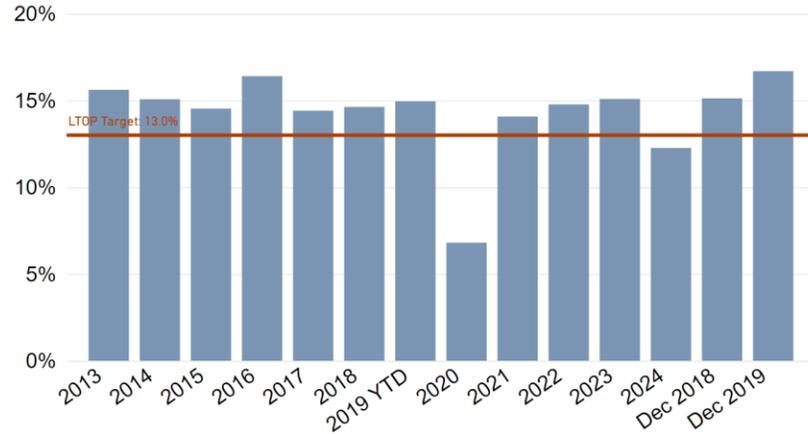
Northern runway end impact (16L and 16R arrivals plus 34L departures)



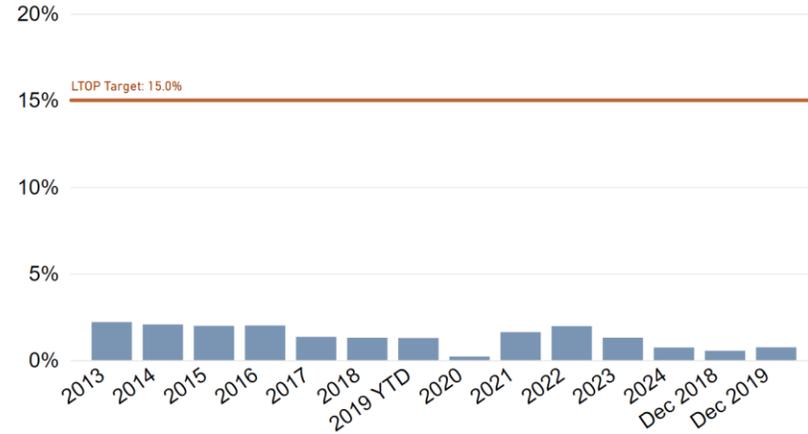
Southern runway end impact (16L and 16R departures plus 34L and 34R arrivals)



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



Western runway end impact (07 arrivals plus 25 departures)



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All

Operations by direction

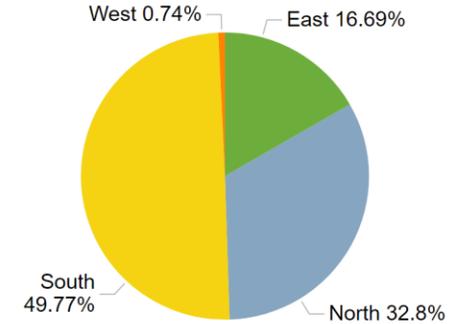
December 2019

Operations by day, direction and runway

Sector Date	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	25 D		Total
12/1/2019			211	211	19	41	196	256	15	35	221	151	422	1		1	891
12/2/2019		170	131	301	25	28	99	152	11	39	128	111	289		169	169	918
12/3/2019			261	261			211	211		22	273	216	511				988
12/4/2019			137	137	95	136	110	341	68	174	152	101	495				978
12/5/2019			247	247	8	18	217	243	2	39	268	217	526				1,011
12/6/2019			79	79	178	198	76	452	177	186	85	53	501				1,031
12/7/2019			130	130	36	103	113	252	25	102	141	111	379				768
12/8/2019			211	211			195	195	38	3	286	144	471	1		1	871
12/9/2019			271	271			218	218		7	275	217	499				981
12/10/2019			98	98	123	140	78	341	141	145	111	89	486				921
12/11/2019					222	267		489	218	283	8		509				991
12/12/2019		1		1	217	281		498	215	294	9		518				1,011
12/13/2019			101	101	133	168	93	394	158	155	114	86	513	1		1	1,001
12/14/2019			1	1	154	228	3	385	122	242	11	2	377	1		1	768
12/15/2019			235	235			208	208		3	271	154	428	1		1	878
12/16/2019					202	276		478	183	295	2		480	1		1	951
12/17/2019			75	75	121	181	68	370	122	203	110	59	494	1		1	941
12/18/2019			265	265			207	207		15	293	187	495				968
12/19/2019			128	128	102	119	128	349	67	160	155	105	487				968
12/20/2019			122	122	120	153	95	368	118	171	141	86	516				1,001
12/21/2019			158	158	54	66	139	259	29	83	176	130	418				831
12/22/2019					190	248		438	133	306			439				871
12/23/2019			134	134	80	121	113	314	95	116	156	102	469	1		1	911
12/24/2019			108	108	89	140	90	319	64	160	128	68	420	1		1	841
12/25/2019			114	114	42	103	96	241	50	90	153	53	346				708
12/26/2019	20		221	241			194	194		1	260	143	404	27		27	861
12/27/2019			259	259			197	197			291	156	447				908
12/28/2019	1		194	195			191	191		2	266	137	405				798
12/29/2019			211	211	23	40	161	224	13	41	230	131	415	1		1	858
12/30/2019			234	234			194	194		7	269	173	449				878
12/31/2019			160	160	37	64	137	238	17	72	180	105	374	2		2	778
Total	21	171	4,496	4,688	2,270	3,119	3,827	9,216	2,081	3,451	5,163	3,287	13,982	39	169	208	28,091

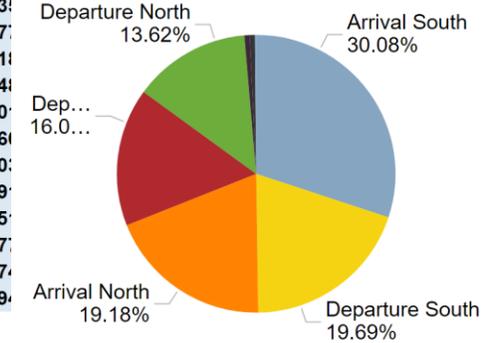
Total operations by compass direction

● East ● North ● South ● West



Arrivals/departures by direction

● Arrival ... ● Depart... ● Arrival ... ● Depart...



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All

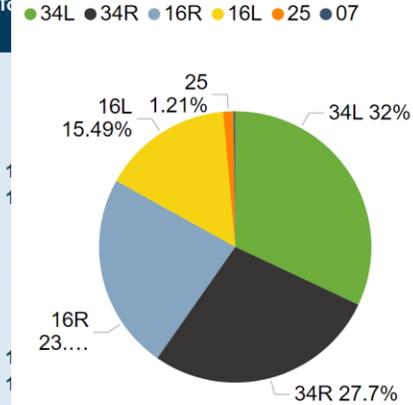
Runway use summary

December 2019

Operations by day and runway

Runway	07			16L			16R			25			34L			34R			Total
	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	
12/1/2019	1		1	19	15	34	41	35	76				221	196	417	151	211	362	
12/2/2019				25	11	36	28	39	67	170	169	339	128	99	227	111	131	242	
12/3/2019								22	22				273	211	484	216	261	477	
12/4/2019				95	68	163	136	174	310				152	110	262	101	137	238	
12/5/2019				8	2	10	18	39	57				268	217	485	217	247	464	1
12/6/2019				178	177	355	198	186	384				85	76	161	53	79	132	1
12/7/2019				36	25	61	103	102	205				141	113	254	111	130	241	
12/8/2019	1		1		38	38		3	3				286	195	481	144	211	355	
12/9/2019								7	7				275	218	493	217	271	488	
12/10/2019				123	141	264	140	145	285				111	78	189	89	98	187	
12/11/2019				222	218	440	267	283	550				8		8				
12/12/2019				217	215	432	281	294	575	1		1	9		9				1
12/13/2019	1		1	133	158	291	168	155	323				114	93	207	86	101	187	1
12/14/2019	1		1	154	122	276	228	242	470				11	3	14	2	1	3	
12/15/2019	1		1					3	3				271	208	479	154	235	389	
12/16/2019	1		1	202	183	385	276	295	571				2		2				
12/17/2019	1		1	121	122	243	181	203	384				110	68	178	59	75	134	
12/18/2019								15	15				293	207	500	187	265	452	
12/19/2019				102	67	169	119	160	279				155	128	283	105	128	233	
12/20/2019				120	118	238	153	171	324				141	95	236	86	122	208	1
12/21/2019				54	29	83	66	83	149				176	139	315	130	158	288	
12/22/2019				190	133	323	248	306	554										
12/23/2019	1		1	80	95	175	121	116	237				156	113	269	102	134	236	
12/24/2019	1		1	89	64	153	140	160	300				128	90	218	68	108	176	
12/25/2019				42	50	92	103	90	193				153	96	249	53	114	167	
12/26/2019	27	20	47					1	1				260	194	454	143	221	364	
12/27/2019													291	197	488	156	259	415	
12/28/2019		1	1					2	2				266	191	457	137	194	331	
12/29/2019	1		1	23	13	36	40	41	81				230	161	391	131	211	342	
12/30/2019								7	7				269	194	463	173	234	407	
12/31/2019	2		2	37	17	54	64	72	136				180	137	317	105	160	265	
Total	39	21	60	2,270	2,081	4,351	3,119	3,451	6,570	171	169	340	5,163	3,827	8,990	3,287	4,496	7,783	28

Operations by runway



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Hourly movement summary

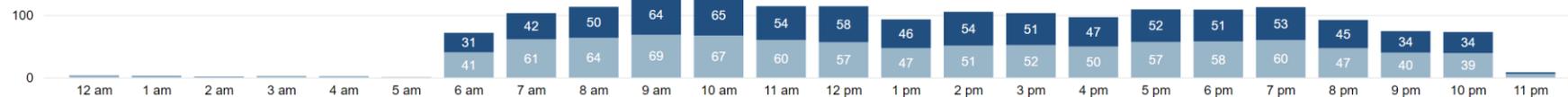
December 2019

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
12/1/2019		1					34	30	42	65	59	47	61	49	59	58	44	57	65	73	68	28	49	1	890
12/2/2019		1				1	51	65	63	74	72	64	59	45	52	41	47	44	44	36	39	40	58	15	911
12/3/2019	5	2	2	1	4	1	42	70	57	74	67	65	53	49	56	60	50	63	60	66	44	44	37	11	983
12/4/2019	4	3		2	3	1	38	67	75	77	57	64	58	48	51	56	50	58	62	66	54	35	40	4	973
12/5/2019	3	3	1	2	4		48	64	74	70	70	61	66	41	50	53	58	61	63	73	60	46	40	5	1,016
12/6/2019	5	1	3	1	4	1	46	70	68	77	74	58	56	53	56	55	47	57	60	67	62	56	41	14	1,032
12/7/2019	2		2		1		29	49	59	70	75	60	56	44	49	43	37	48	32	34	24	22	23	2	761
12/8/2019	1	1	1				28	36	42	63	63	51	59	41	55	57	51	60	70	72	53	40	34		878
12/9/2019							45	66	72	73	64	67	59	48	58	57	58	58	65	67	49	37	40	5	988
12/10/2019	5	3		5	4		40	63	76	66	52	50	50	52	42	54	51	63	54	64	48	40	37	6	925
12/11/2019	4	3		6	3		36	59	65	69	63	64	70	48	47	57	59	64	66	71	56	39	43	6	998
12/12/2019	3	5	1	5	3	1	45	67	67	72	71	66	60	45	51	54	52	60	75	76	48	41	44	5	1,017
12/13/2019	5	1	1	4	3		40	65	69	71	72	68	56	53	50	53	52	63	67	72	55	50	38	1	1,009
12/14/2019		1					24	53	60	73	62	56	56	45	49	44	38	45	41	38	31	24	22	2	764
12/15/2019		1				1	29	31	42	53	58	54	57	43	66	51	55	59	61	75	57	39	37	3	872
12/16/2019	1			2			43	62	66	74	74	62	58	49	53	57	49	60	67	60	40	37	40	5	959
12/17/2019	3	3	1	5	2	1	41	68	71	65	69	59	55	47	49	52	39	63	63	52	45	39	42	6	940
12/18/2019	3	3	2	3	4		37	65	64	76	72	54	58	54	52	56	52	63	57	59	47	41	37	8	967
12/19/2019	4	3	1	4	3		38	61	72	66	67	54	59	40	50	53	49	57	63	69	52	45	43	11	964
12/20/2019	4	5	1	6	2		42	63	65	65	72	70	60	50	53	55	54	63	59	66	53	45	50	3	1,006
12/21/2019	2	1	2				34	51	60	67	72	58	54	49	50	49	51	33	27	31	37	43	52	12	835
12/22/2019		2		1	1		31	37	46	59	61	55	58	43	59	61	49	65	64	60	46	42	36	1	877
12/23/2019			1	1			38	61	62	69	69	55	52	48	53	49	56	58	56	61	47	39	36	7	918
12/24/2019	3	2		3	2	1	32	56	53	64	71	58	53	56	53	46	45	55	54	44	38	28	29	2	848
12/25/2019			2	2	1		36	45	44	56	62	42	47	39	35	41	35	44	41	37	34	29	29		701
12/26/2019		1					38	50	56	61	62	57	57	44	53	46	52	50	48	70	47	38	36		866
12/27/2019							36	52	57	65	66	65	58	41	59	56	54	60	61	56	41	41	35		903
12/28/2019	1		1				35	50	54	64	68	58	58	50	47	47	44	50	40	37	35	31	19	2	791
12/29/2019							36	39	41	61	66	49	59	49	53	51	53	52	59	55	55	41	32		851
12/30/2019					1	1	41	56	57	58	71	65	50	43	58	51	45	58	55	53	37	28	38	11	877
12/31/2019	4	1	1	3		3	38	55	48	65	62	54	52	47	45	42	40	33	33	35	41	40	28	4	774
Total	62	47	23	56	45	12	1,171	1,726	1,847	2,082	2,063	1,810	1,764	1,453	1,613	1,605	1,516	1,724	1,732	1,795	1,443	1,188	1,165	152	28,094

Average daily operations by hour of day

● Weekday ● Weekend



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Mode utilization summary

December 2019

Duration of mode use

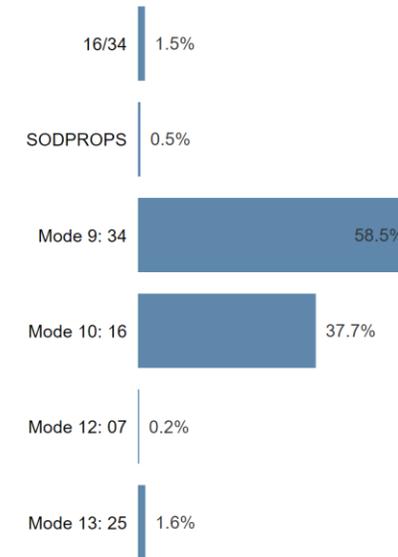
Date	Curfew	16/34	SODPROPS	Mode 5: 16/25	Mode 7: 25/34	Mode 9: 34	Mode 10: 16	Mode 12: 07	Mode 13: 25	Mode 14a: 16/07	Other	Total
12/1/2019	07:00	00:11				14:09	02:40					24:00
12/2/2019	07:00	00:05				07:15	01:23		08:17			24:00
12/3/2019	07:00	00:24				16:36						24:00
12/4/2019	07:00	00:11				08:16	08:33					24:00
12/5/2019	07:00	00:12				15:41	01:07					24:00
12/6/2019	07:00	00:03				07:27	09:30					24:00
12/7/2019	07:00	00:23				09:03	07:34					24:00
12/8/2019	07:00	00:21	02:48			13:51						24:00
12/9/2019	07:00	00:13				16:47						24:00
12/10/2019	07:00	00:05				06:27	10:28					24:00
12/11/2019	07:00	00:03					16:57					24:00
12/12/2019	07:00	00:05					16:55					24:00
12/13/2019	07:00	00:13				06:31	10:16					24:00
12/14/2019	07:00	00:25				00:43	15:52					24:00
12/15/2019	07:00	00:16				16:44						24:00
12/16/2019	07:00	00:11					16:49					24:00
12/17/2019	07:00	00:14				05:49	10:57					24:00
12/18/2019	07:00	00:17				16:43						24:00
12/19/2019	07:00	00:03				09:04	07:53					24:00
12/20/2019	07:00	00:16				07:30	09:14					24:00
12/21/2019	07:00	00:02				11:13	05:45					24:00
12/22/2019	07:00	00:17					16:43					24:00
12/23/2019	07:00	00:20				09:40	06:60					24:00
12/24/2019	07:00	00:15				07:01	09:44					24:00
12/25/2019	07:00	00:29				10:39	05:52					24:00
12/26/2019	07:00	00:21				15:31		01:08				24:00
12/27/2019	07:00	00:17				16:43						24:00
12/28/2019	07:00	00:43				16:17						24:00
12/29/2019	07:00	00:17				14:17	02:26					24:00
12/30/2019	07:00	00:22				16:38						24:00
12/31/2019	07:00	00:14				11:54	04:52					24:00
Total	217:00	07:48	02:48			308:30	198:29	01:08	08:17			744:00

Days with a mode used in excess of 9 hours

29	18	11
Any Mode	Mode 9	Mode 10

1	1
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%	1.8%	0.1%	0.0%	51.4%	43.5%	0.0%	2.3%	0.0%
Time	2.0%	2.7%	0.1%	0.0%	49.3%	42.7%	0.0%	2.8%	0.1%

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Dec-19



Runway 16 Precision Runway Monitor operations

December
2019

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
2019

3,827

Flights departing from runway 34L

176

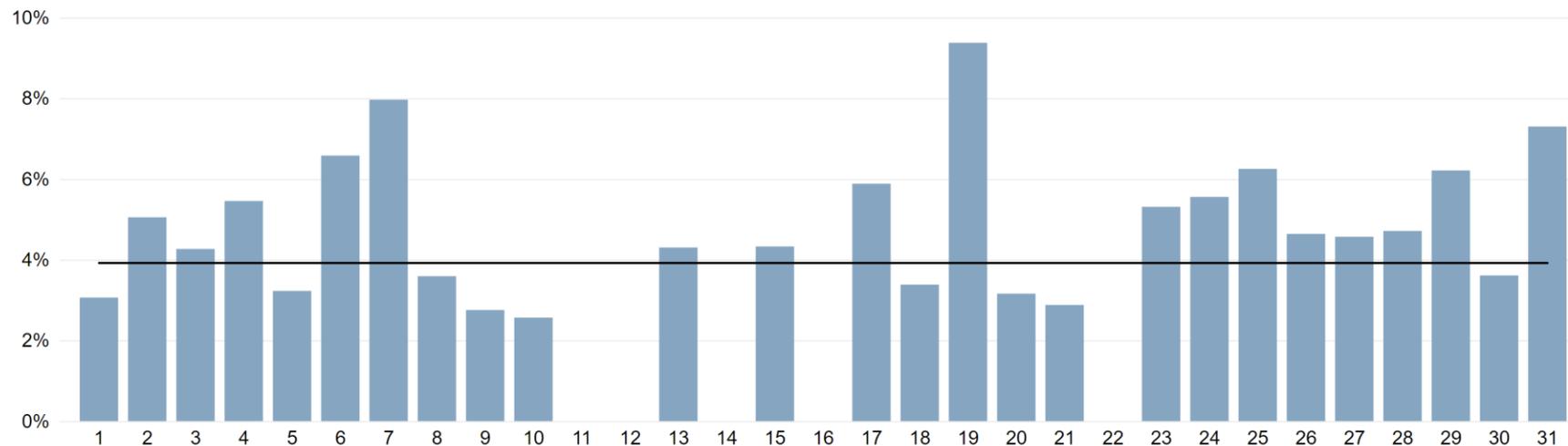
Flights maintaining runway heading

4.60%

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-19

Noise sharing during non-peak hours

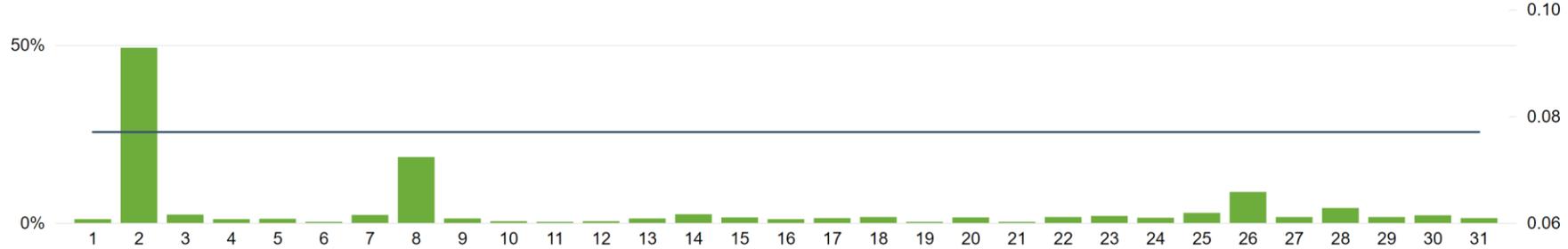
December 2019

Noise sharing time by month



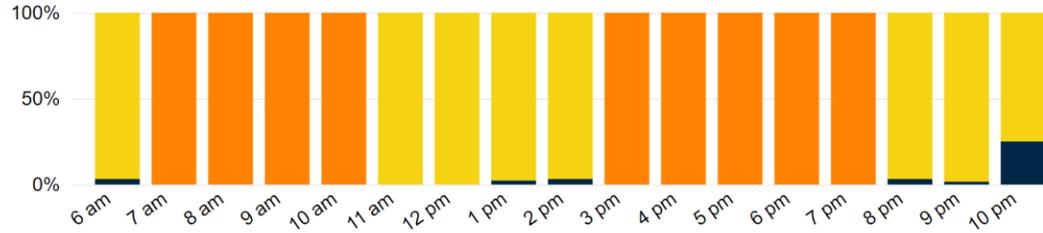
By day

● Noise Sharing Time — Average last 13 months

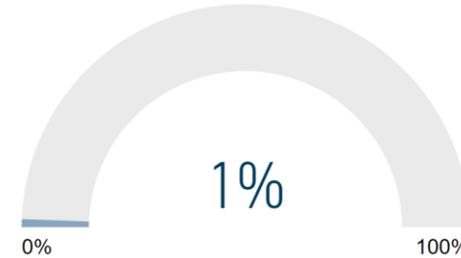


By hour

● Time spent ● Non-peak periods ● Peak periods



Flights during noise sharing



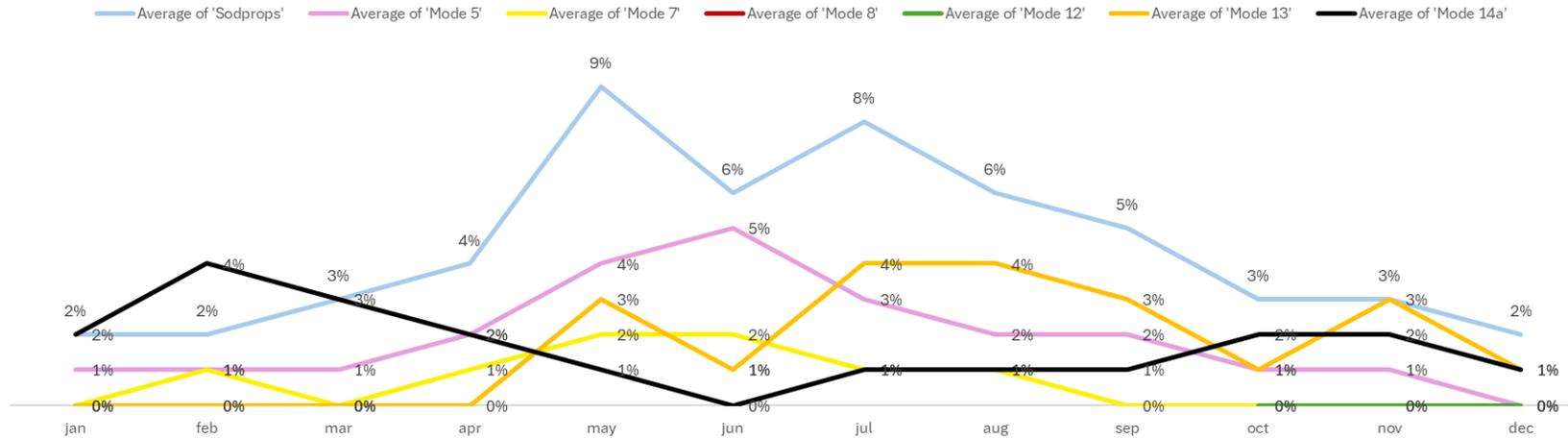
Note :

- 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

