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Feb-20

Summary (Preview)

February
2020

Preview

LTOP

Mode Usage

Total Runway Movements

2020		2019	
Feb-20	Jan-20	Feb-19	Jan-19
25,451	27,181	25,946	27,421
Total	Total	Total	Total
878	877	927	885
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	Feb-20	Jan-20
North	17%	▲ 37.11%	▼ 37.11%
South	55%	▼ 50.52%	▼ 50.70%
East	13%	▼ 11.84%	▼ 11.89%
West	15%	▼ 0.54%	▲ 0.30%

▼▲ LTOP Target VS Feb-20
 ▼▲ Feb-20 VS Jan-20

Mode Utilization

Number of days individual mode used in excess of 9 hours

27

Airport Mode	Days
Mode 10	15
Mode 9	12

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	

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)

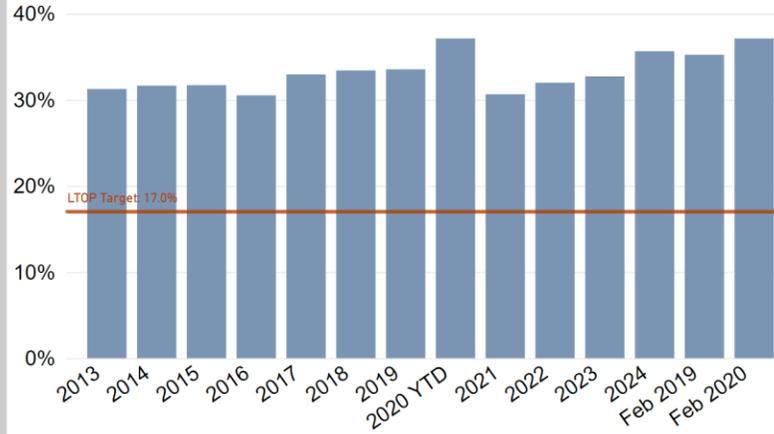
February
2020

Preview

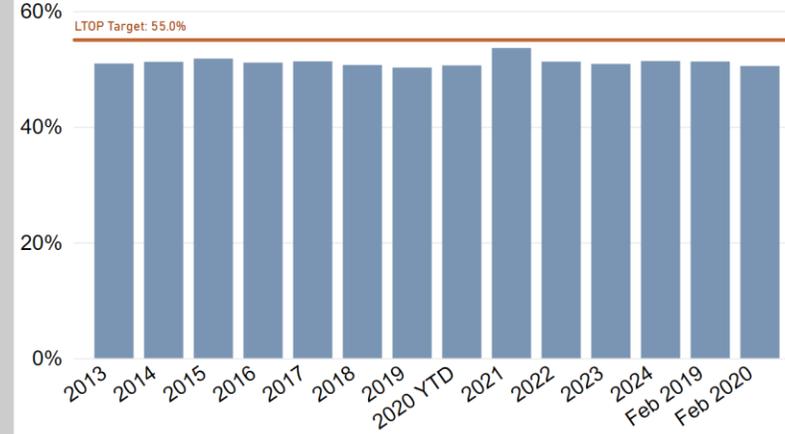
LTOP

Mode Usage

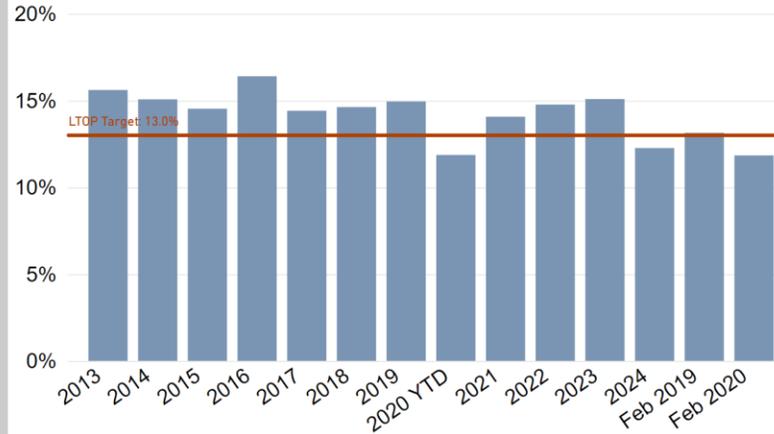
Northern runway end impact (16L and 16R arrivals plus 34L departures)



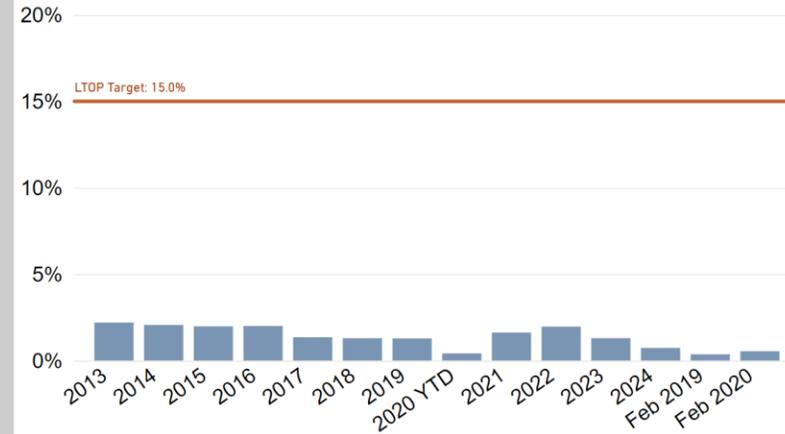
Southern runway end impact (16L and 16R departures plus 34L and 34R arrivals)



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



Western runway end impact (07 arrivals plus 25 departures)



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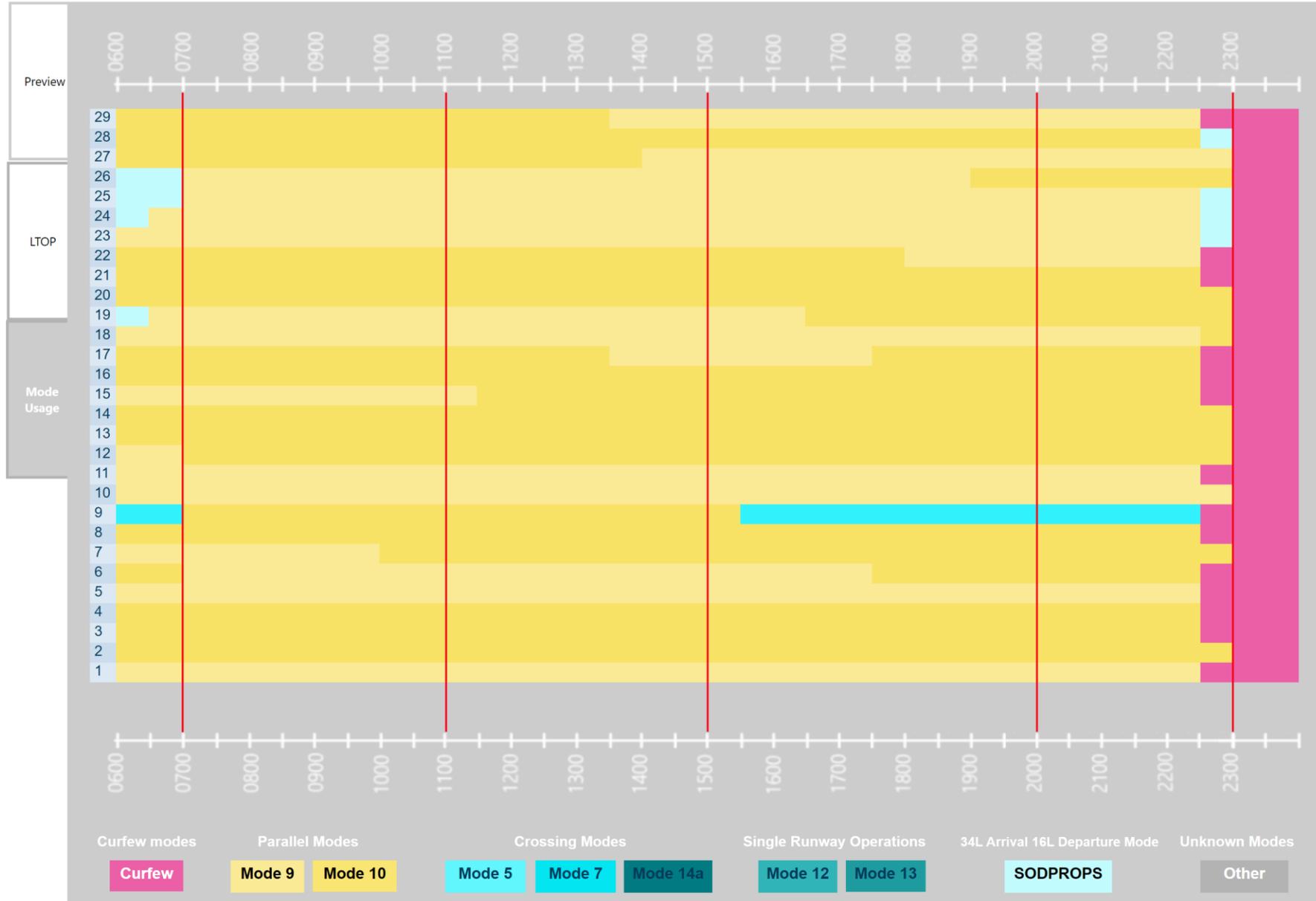
Select a month :

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Summary (Mode Usage)

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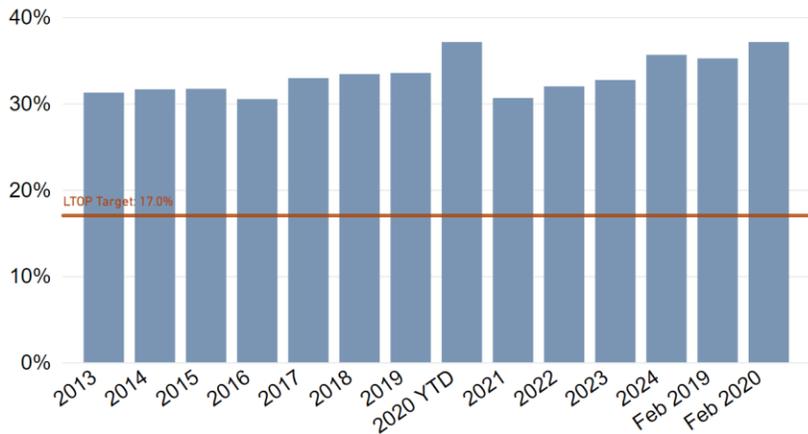
Feb-20



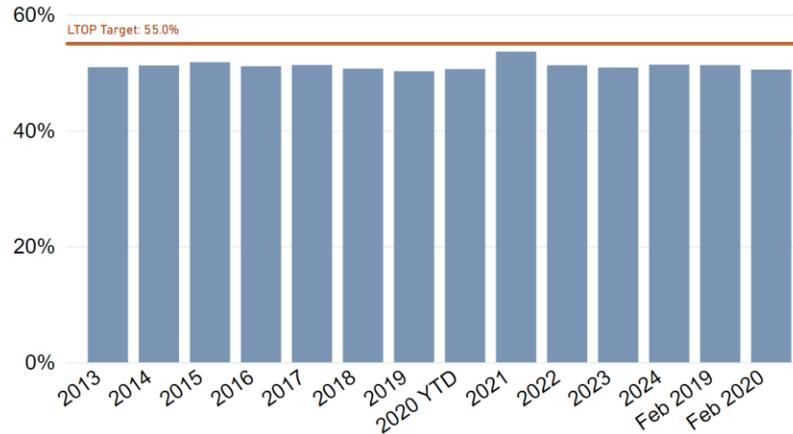
LTOP Targets

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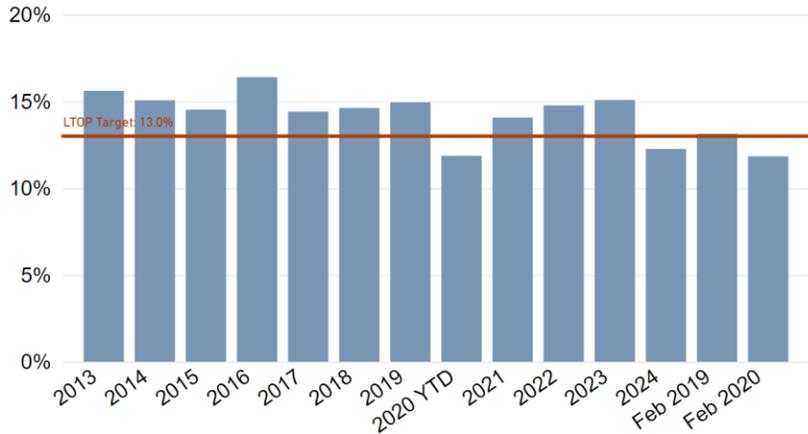
Northern runway end impact (16L and 16R arrivals plus 34L departures)



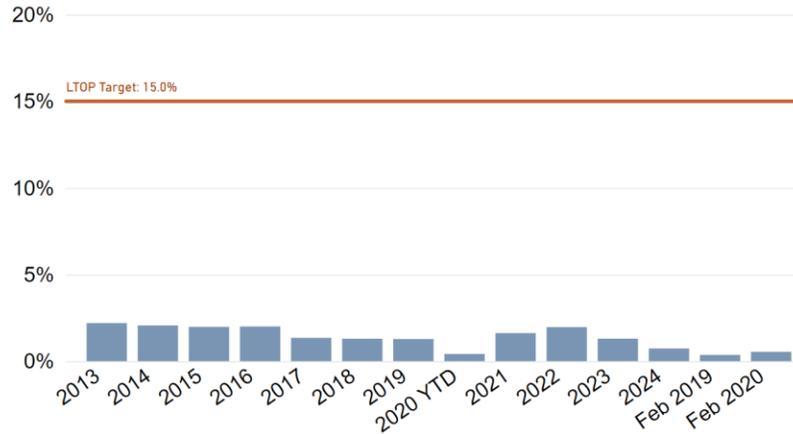
Southern runway end impact (16L and 16R departures plus 34L and 34R arrivals)



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

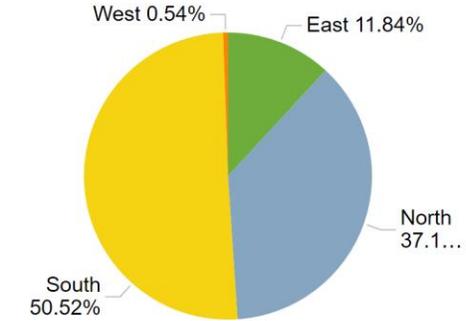
February
2020

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		Total
2/1/2020			167	167			174	174		4	228	144	376	1	1	718
2/2/2020					173	220	1	394	153	264	5		422			816
2/3/2020					199	269		468	241	234			475	1	1	944
2/4/2020					179	273		452	180	270	3		453			905
2/5/2020			254	254			198	198		14	296	173	483			935
2/6/2020			180	180	69	95	138	302	44	116	171	139	470	1	1	953
2/7/2020			63	63	161	185	39	385	147	237	80	53	517			965
2/8/2020					141	216		357	94	232	1		327			684
2/9/2020	131			131	63	99	1	163	75	121	4		200	129	129	623
2/10/2020			248	248			201	201		10	269	202	481	1	1	931
2/11/2020			240	240			191	191		12	287	162	461	1	1	893
2/12/2020		2	5	7	194	245		439	169	292	9	9	479			925
2/13/2020					188	267		455	155	306	9		470	1	1	926
2/14/2020					193	285		478	186	306	6		498			976
2/15/2020			85	85	30	164	58	252	28	162	104	66	360			697
2/16/2020					184	216		400	183	241	2		426			826
2/17/2020			63	63	163	216	46	425	160	209	67	29	465			953
2/18/2020			244	244	5	3	183	191		18	266	176	460			895
2/19/2020			157	157	64	104	129	297	56	116	183	108	463			917
2/20/2020					204	281		485	210	282		8	500			985
2/21/2020					223	279		502	222	297		5	524			1,026
2/22/2020			32	32	113	179	29	321	93	177	56	9	335			688
2/23/2020			240	240			181	181		1	262	137	400	1	1	822
2/24/2020			255	255			199	199	21		299	174	494			948
2/25/2020			232	232			191	191	25	1	291	166	483	1	1	907
2/26/2020			202	202	43	45	157	245	41	65	229	145	480			927
2/27/2020			138	138	98	135	98	331	106	143	164	87	500			969
2/28/2020					204	285		489	271	231		8	510			999
2/29/2020			75	75	80	122	76	278	58	127	122	38	345			698
Total	131	2	2,880	3,013	2,971	4,183	2,290	9,444	2,918	4,488	3,413	2,038	12,857	137	137	25,451

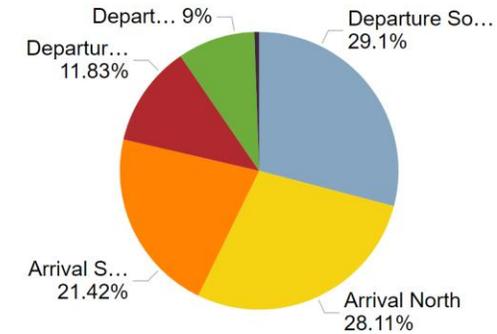
Total operations by compass direction

● East ● North ● South ● West



Arrivals/departures by direction

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



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All

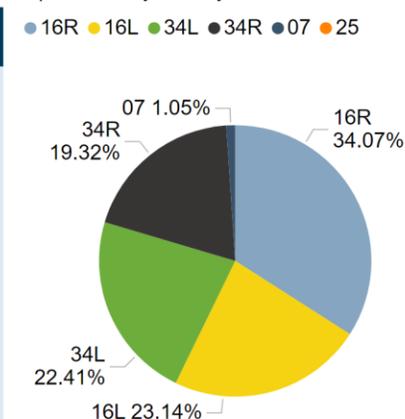
Runway use summary

February
2020

Operations by day and runway

Runway Date	07			16L			16R			25		34L			34R			Total
	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	Arr	Total	Arr	Dep	Total	Arr	Dep	Total	
2/1/2020	1		1					4	4			228	174	402	144	167	311	718
2/2/2020				173	153	326	220	264	484			5	1	6				816
2/3/2020	1		1	199	241	440	269	234	503									944
2/4/2020				179	180	359	273	270	543			3		3				905
2/5/2020								14	14			296	198	494	173	254	427	935
2/6/2020	1		1	69	44	113	95	116	211			171	138	309	139	180	319	953
2/7/2020				161	147	308	185	237	422			80	39	119	53	63	116	965
2/8/2020				141	94	235	216	232	448			1		1				684
2/9/2020	129	131	260	63	75	138	99	121	220			4	1	5				623
2/10/2020	1		1					10	10			269	201	470	202	248	450	931
2/11/2020	1		1					12	12			287	191	478	162	240	402	893
2/12/2020				194	169	363	245	292	537	2	2	9		9	9	5	14	925
2/13/2020	1		1	188	155	343	267	306	573			9		9				926
2/14/2020				193	186	379	285	306	591			6		6				976
2/15/2020				30	28	58	164	162	326			104	58	162	66	85	151	697
2/16/2020				184	183	367	216	241	457			2		2				826
2/17/2020				163	160	323	216	209	425			67	46	113	29	63	92	953
2/18/2020				5		5	3	18	21			266	183	449	176	244	420	895
2/19/2020				64	56	120	104	116	220			183	129	312	108	157	265	917
2/20/2020				204	210	414	281	282	563						8		8	985
2/21/2020				223	222	445	279	297	576						5		5	1,026
2/22/2020				113	93	206	179	177	356			56	29	85	9	32	41	688
2/23/2020	1		1					1	1			262	181	443	137	240	377	822
2/24/2020					21	21						299	199	498	174	255	429	948
2/25/2020	1		1		25	25		1	1			291	191	482	166	232	398	907
2/26/2020				43	41	84	45	65	110			229	157	386	145	202	347	927
2/27/2020				98	106	204	135	143	278			164	98	262	87	138	225	969
2/28/2020				204	271	475	285	231	516						8		8	999
2/29/2020				80	58	138	122	127	249			122	76	198	38	75	113	698
Total	137	131	268	2,971	2,918	5,889	4,183	4,488	8,671	2	2	3,413	2,290	5,703	2,038	2,880	4,918	25,451

Operations by runway



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Select a type :

Hourly movement summary

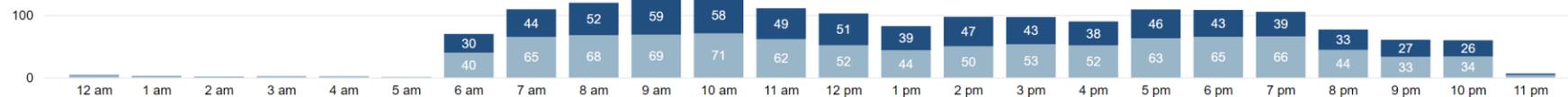
February
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Operations by hour of day

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
2/1/2020			1		1		28	49	67	66	61	54	52	41	45	43	32	40	37	34	24	19	21	3	718
2/2/2020	2	1	2				27	39	45	48	61	48	60	44	54	53	52	34	41	43	48	58	49	7	816
2/3/2020							47	61	71	69	76	59	63	52	55	53	49	58	67	60	38	27	33	6	944
2/4/2020	2	2	2			2	44	64	67	76	65	60	48	39	54	53	47	60	67	55	35	30	30	3	905
2/5/2020	4	1	2	2	3		34	69	72	71	64	56	49	45	46	55	49	64	70	72	40	35	26	6	935
2/6/2020	6	1		3	3		32	66	69	70	72	63	52	38	57	55	52	62	59	71	48	33	37	4	953
2/7/2020	3		1	5			38	60	68	69	77	61	53	46	44	53	56	58	55	66	50	53	47	2	965
2/8/2020	1	1	1				30	45	55	65	62	50	58	27	44	47	26	41	35	29	25	21	20	1	684
2/9/2020		2					27	34	33	43	43	45	45	39	42	34	31	41	38	31	35	28	25	7	623
2/10/2020						1	32	54	61	63	70	64	66	55	49	53	46	67	64	68	41	32	38	7	931
2/11/2020	3	3		2	2	1	39	61	64	65	78	62	48	39	45	55	47	57	66	61	35	23	31	6	893
2/12/2020	6	2		3	3	2	26	60	55	59	65	60	63	50	46	64	44	61	58	67	50	40	40	1	925
2/13/2020	5	2	2	2	4	1	42	58	59	57	67	56	50	45	49	52	47	62	61	73	55	38	34	5	926
2/14/2020	3	3		4	2	1	42	63	68	69	77	67	56	45	51	52	56	60	68	75	47	33	34		976
2/15/2020	1						32	56	62	68	63	51	38	41	45	37	33	38	39	29	25	18	21		697
2/16/2020	1	1		1			30	38	40	55	50	53	56	39	54	52	57	63	67	64	46	32	25	2	826
2/17/2020				1			50	66	70	77	77	63	48	45	49	52	51	63	65	69	42	30	32	3	953
2/18/2020	3	2	1	3	2	1	41	67	67	70	65	65	46	40	47	48	47	63	60	55	36	36	18	12	895
2/19/2020	5	3		2	2	1	35	66	71	73	64	53	47	43	44	54	50	69	68	68	43	24	29	3	917
2/20/2020	5	3		2	3	1	43	69	70	64	77	61	49	43	54	56	53	71	75	75	44	31	34	2	985
2/21/2020	4	2	1	2	4		45	70	72	77	78	63	50	48	56	55	59	70	71	71	57	40	31		1,026
2/22/2020	1	1					34	52	62	65	67	51	44	42	39	38	29	44	32	26	22	20	18	1	688
2/23/2020	1						29	34	37	58	53	44	52	42	58	49	52	67	67	68	45	35	31		822
2/24/2020							43	73	75	71	71	57	48	45	54	52	58	66	67	62	40	26	36	4	948
2/25/2020	6	1	1	2	3	1	42	76	69	68	65	57	46	38	47	53	50	64	59	58	39	26	32	4	907
2/26/2020	3	3		4	2	1	39	71	71	71	65	63	46	39	46	52	53	62	58	41	44	41	45	7	927
2/27/2020	5	3		1	1	4	41	64	76	72	65	62	52	38	56	46	53	59	72	74	49	35	37	4	969
2/28/2020	5	3	1	1	5	2	40	63	60	61	78	78	56	41	54	55	65	63	73	76	52	34	31	2	999
2/29/2020			1	1			33	52	67	67	58	49	52	33	43	38	32	47	32	31	24	14	24		698
Total	75	40	16	41	40	19	1,065	1,700	1,823	1,907	1,934	1,675	1,493	1,222	1,427	1,459	1,376	1,674	1,691	1,672	1,179	912	909	102	25,451

Average daily operations by hour of day

● Weekday ● Weekend



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Mode utilization summary

February
2020

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
2/1/2020	07:00	00:16				16:44						24:00
2/2/2020	07:00	00:06					16:54					24:00
2/3/2020	07:00	00:16					16:44					24:00
2/4/2020	07:00	00:20					16:40					24:00
2/5/2020	07:00	00:25				16:35						24:00
2/6/2020	07:00	00:16				10:40	06:04					24:00
2/7/2020	07:00	00:03				03:59	12:58					24:00
2/8/2020	07:00	00:29					16:31					24:00
2/9/2020	07:00	00:16					08:14	08:30				24:00
2/10/2020	07:00	00:13				16:47						24:00
2/11/2020	07:00	00:25				16:35						24:00
2/12/2020	07:00	00:10				00:59	15:51					24:00
2/13/2020	07:00	00:15					16:45					24:00
2/14/2020	07:00	00:15					16:45					24:00
2/15/2020	07:00	00:31				05:39	10:50					24:00
2/16/2020	07:00	00:30					16:30					24:00
2/17/2020	07:00	00:30				03:54	12:36					24:00
2/18/2020	07:00					16:19	00:41					24:00
2/19/2020	07:00		00:43			09:58	06:06				00:13	24:00
2/20/2020	07:00		00:02				16:45				00:13	24:00
2/21/2020	07:00	00:17	00:01				16:42					24:00
2/22/2020	07:00	00:23				04:48	11:49					24:00
2/23/2020	07:00		00:22			16:38						24:00
2/24/2020	07:00		01:11			15:49						24:00
2/25/2020	07:00		01:13			15:47						24:00
2/26/2020	07:00		00:46			12:28	03:46					24:00
2/27/2020	07:00		00:13			08:55	07:52					24:00
2/28/2020	07:00		00:22				16:38					24:00
2/29/2020	07:00	00:32	00:01			09:10	07:17					24:00
Total	203:00	06:28	04:53			201:44	271:00	08:30			00:26	696:00

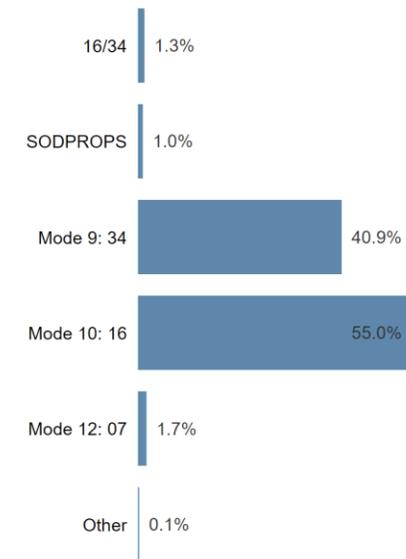
Days with a mode used in excess of 9 hours

27 Any Mode 12 Mode 9 15 Mode 10

Days with SODPROPS used

10 At any time 10 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	0.4%	0.5%	0.3%		42.3%	55.7%	0.5%	0.0%	0.2%
Time	1.3%	0.5%	0.4%		41.9%	54.7%	0.8%	0.0%	0.3%

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Runway 16 Precision Runway Monitor operations

February
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

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Runway 34 departures maintaining heading

February
2020

2,290

Flights departing from runway 34L

100

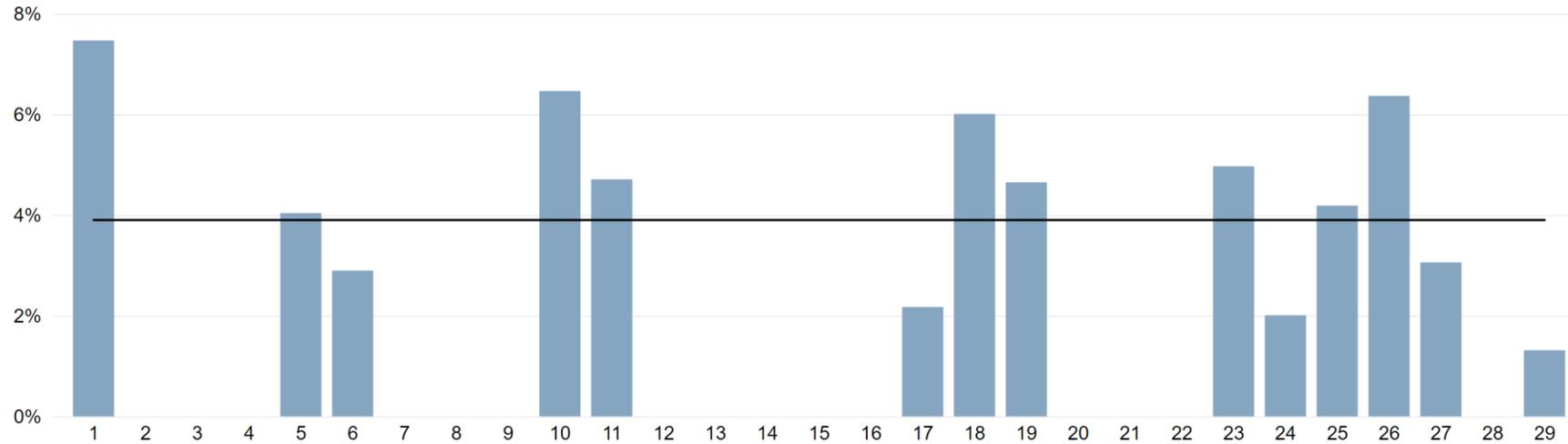
Flights maintaining runway heading

4.37%

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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Feb-20

Noise sharing during non-peak hours

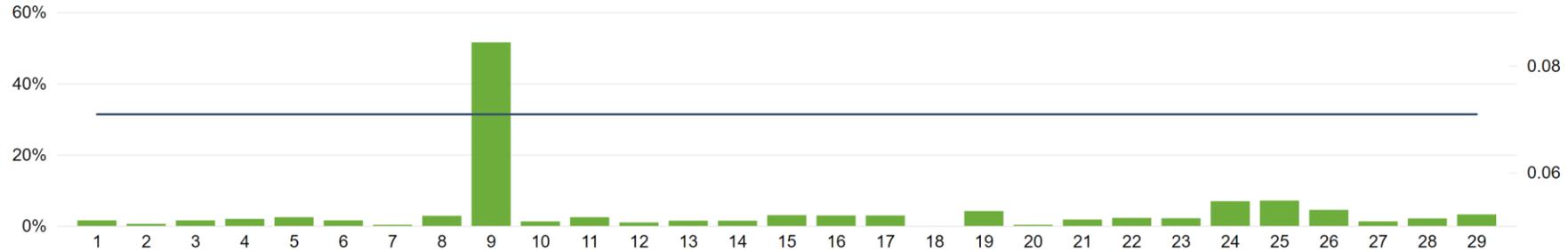
February 2020

Noise sharing time by month



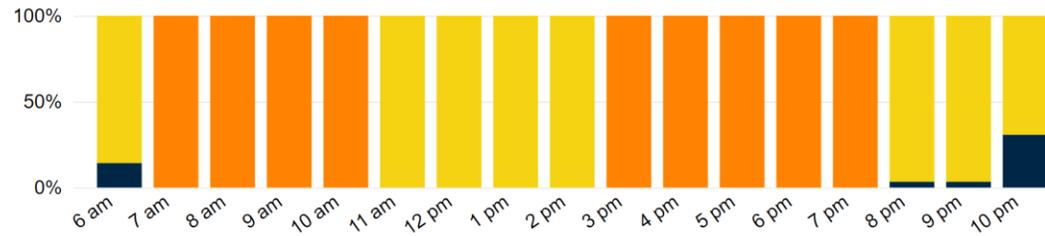
By day

● Noise Sharing Time — Average last 13 months

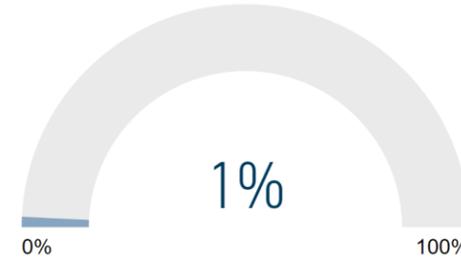


By hour

● Time spent ● Non-peak periods ● Peak periods



Flights during noise sharing



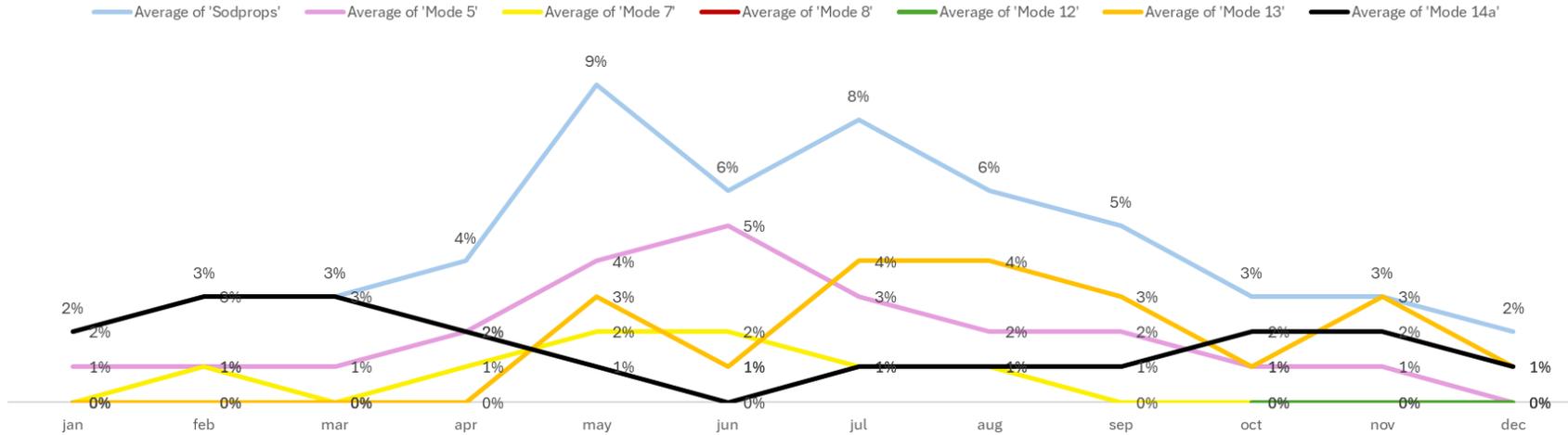
Note :

- 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.

[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

