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Select a month :

Apr-21

Summary (Preview)

April
2021

Preview

LTOP

Mode Usage

Total Runway Movements

2021		2020	
Apr-21	Mar-21	Apr-20	Mar-20
20,966 Total	17,639 Total	4,196 Total	21,504 Total
699 Daily Avg	569 Daily Avg	140 Daily Avg	694 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	Apr-21	Mar-21
North	17%	▲ 30.43%	▼ 37.18%
South	55%	▼ 53.46%	▲ 52.84%
East	13%	▲ 16.09%	▲ 9.85%
West	15%	▼ 0.00%	0.00%

▲ LTOP Target VS Apr-21 ▼▲ Apr-21 VS Mar-21

Mode Utilization

Number of days individual mode used in excess of 9 hours

26

Airport Mode	Days
Mode 9	13
Mode 10	12
SODPROPS	1

11.24%

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

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)

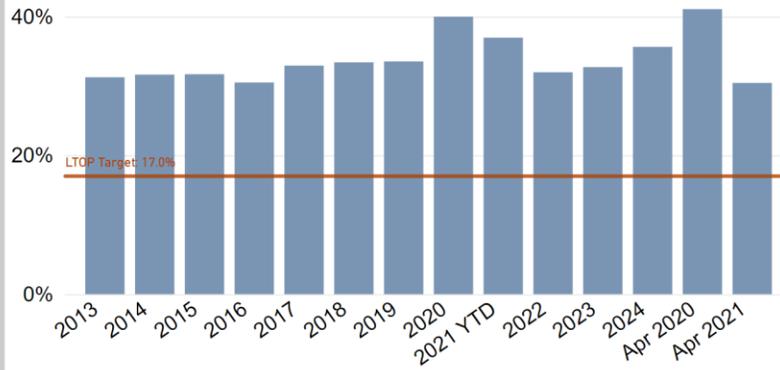
April
2021

Preview

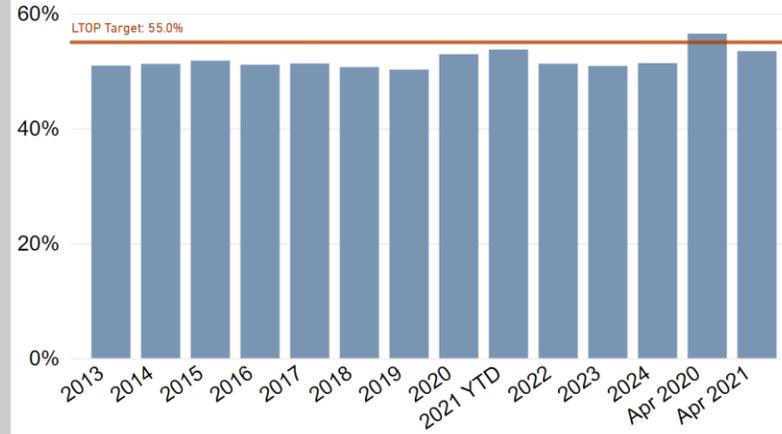
LTOP

Mode Usage

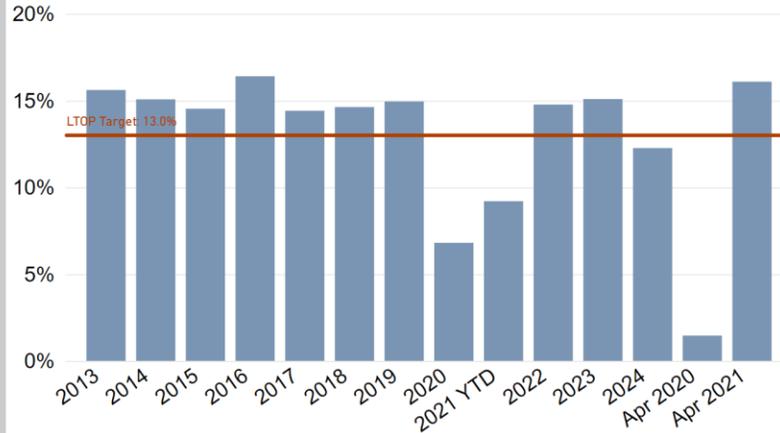
Northern runway end impact (16L and 16R arrivals plus 34L departures)



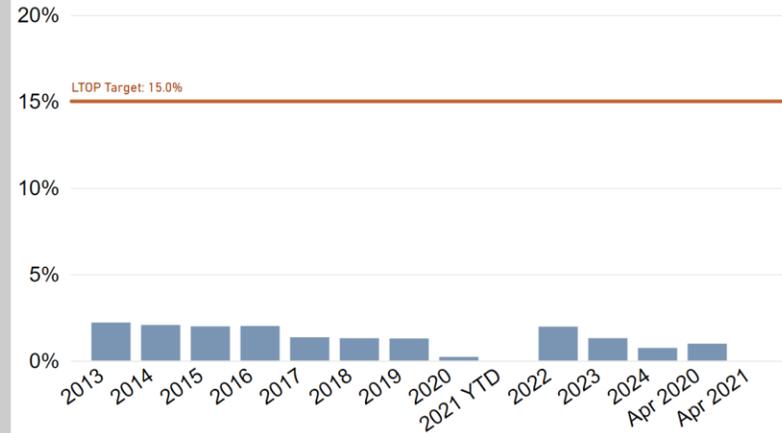
Southern runway end impact (16L and 16R departures plus 34L and 34R arrivals)



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



Western runway end impact (07 arrivals plus 25 departures)



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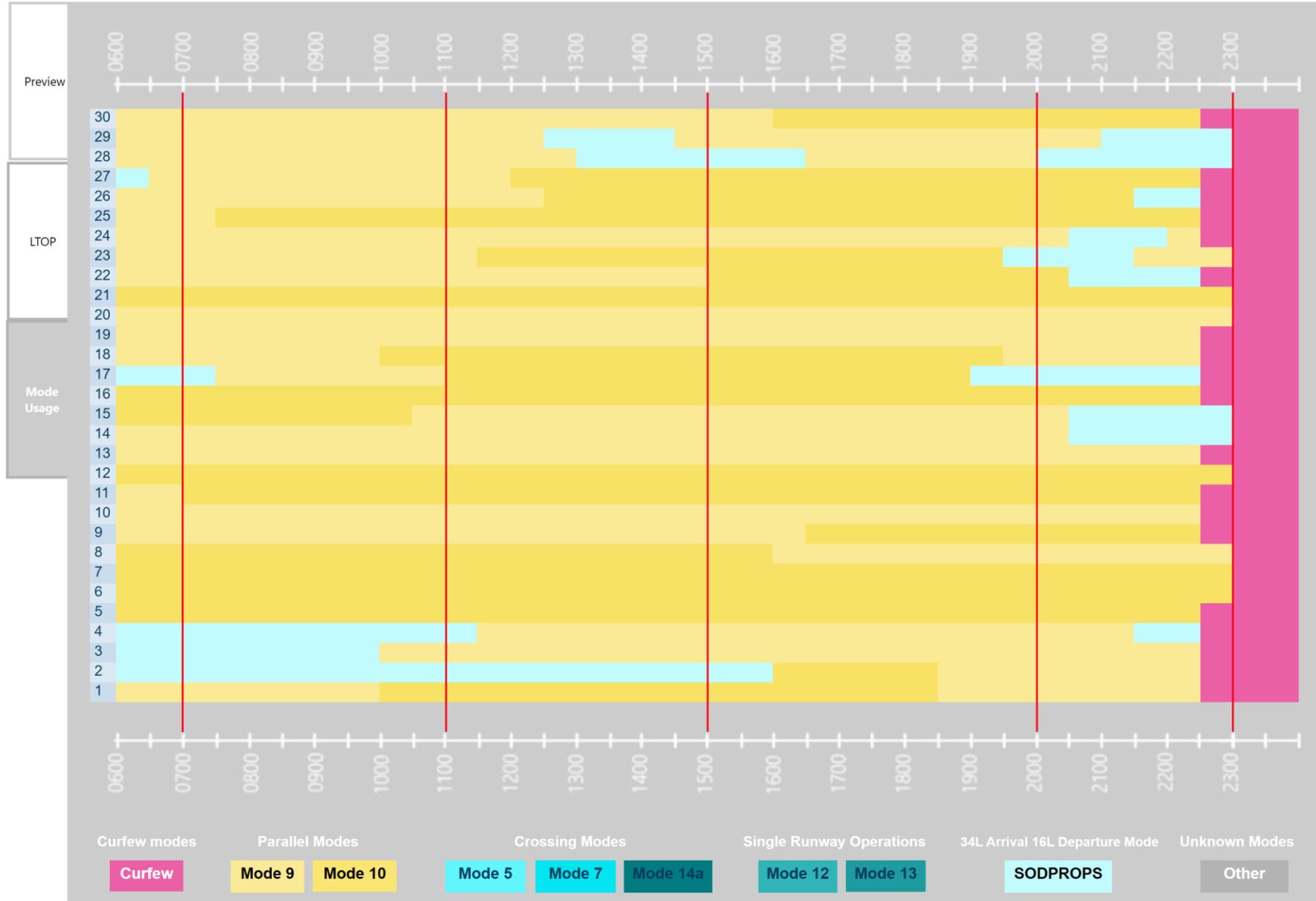
Select a month :

Apr-21



Summary (Mode Usage)

April
2021



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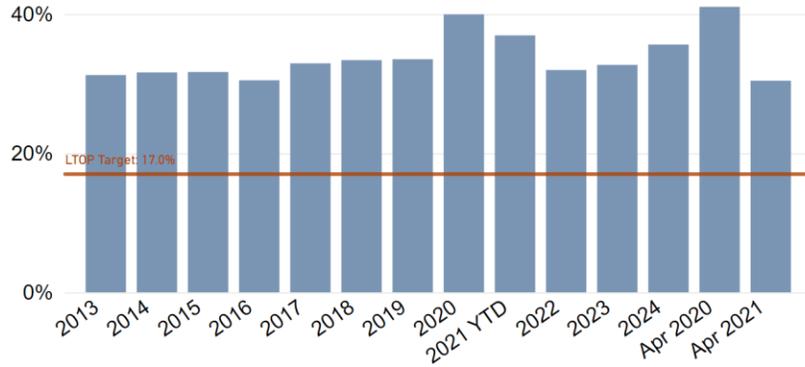
Apr-21



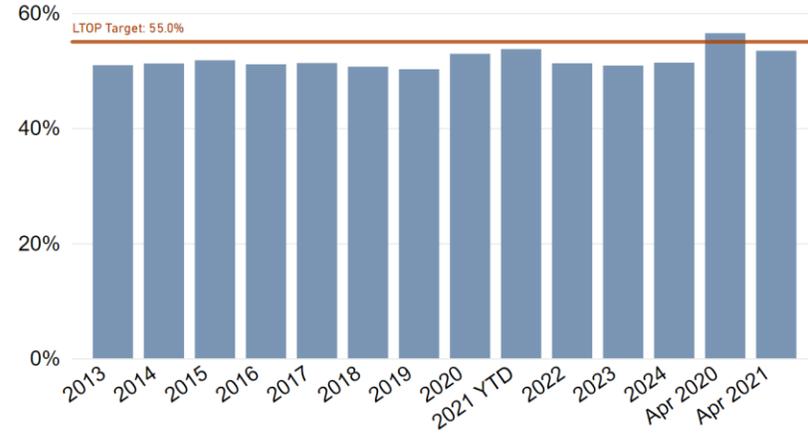
LTOP Targets

April
2021

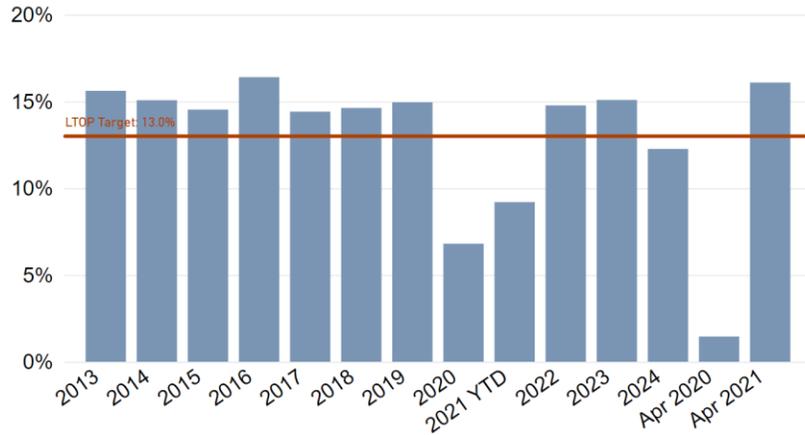
Northern runway end impact (16L and 16R arrivals plus 34L departures)



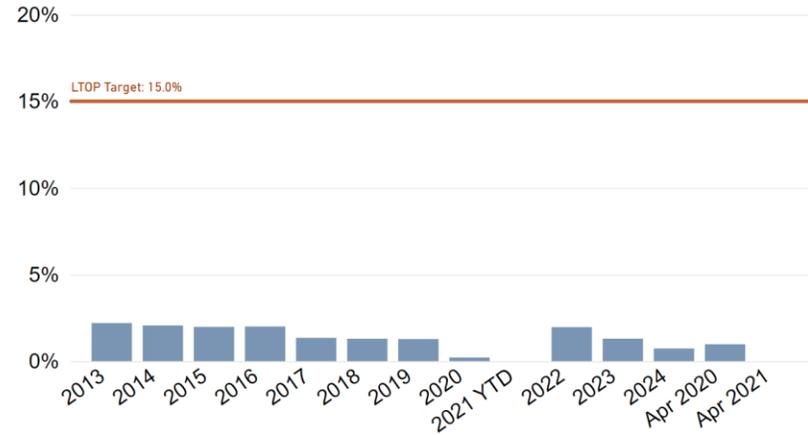
Southern runway end impact (16L and 16R departures plus 34L and 34R arrivals)



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

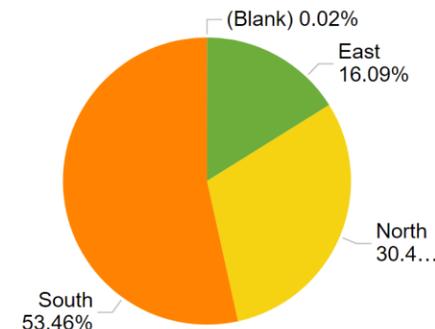
April 2021

Operations by day, direction and runway

Sector	Date	East		North				South				Total			
		Total	34R D	16L A	16R A	34L D	Total	16L D	16R D	34L A	34R A		Total		
4/1/2021			111	111	75	100	76	251	107	133	112	41	393	755	
4/2/2021	1	1			28	38	103	169	231	27	228			486	
4/3/2021			126	126				92	92	74	3	192	47	316	534
4/4/2021			27	27		3	188	191	75	2	209	20		306	524
4/5/2021					97	195		292	163	217	2			382	674
4/6/2021					118	183		301	156	227	5			388	689
4/7/2021					109	198		307	152	234	10			396	703
4/8/2021			92	92	60	111	43	214	117	153	106	41		417	723
4/9/2021			189	189	43	91	79	213	60	89	131	66		346	748
4/10/2021			185	185			135	135			200	63		263	583
4/11/2021	1	1			74	185	7	266	143	204	9			356	623
4/12/2021					110	214		324	189	225	5			419	743
4/13/2021			251	251			112	112		22	181	116		319	682
4/14/2021			228	228			124	124	13	22	221	87		343	695
4/15/2021			186	186	20	61	86	167	59	84	167	77		387	740
4/16/2021					121	222		343	206	237	6			449	792
4/17/2021			50	50	40	101	47	188	131	85	93	20		329	567
4/18/2021			73	73	73	99	52	224	119	108	68	29		324	621
4/19/2021			282	282			141	141		9	222	127		358	781
4/20/2021			262	262		1	137	138		23	218	101		342	742
4/21/2021					119	208		327	174	239	12			425	752
4/22/2021	2	2	142	142	48	82	108	238	76	120	170	44		410	792
4/23/2021			111	111	76	108	65	249	150	125	140	38		453	813
4/24/2021			191	191			109	109	6	1	185	73		265	565
4/25/2021			13	13	88	154	5	247	147	179	17			343	603
4/26/2021			123	123	65	127	67	259	107	125	112	46		390	772
4/27/2021			105	105	70	131	52	253	116	153	91	41		401	759
4/28/2021			197	197			116	116	71	21	266	72		430	743
4/29/2021			252	252			138	138	40	19	260	92		411	801
4/30/2021			177	177	58	89	106	253	67	88	146	60		361	791
Total	4	4	3,373	3,373	1,492	2,701	2,188	6,381	2,949	3,174	3,784	1,301	11,208	20,966	

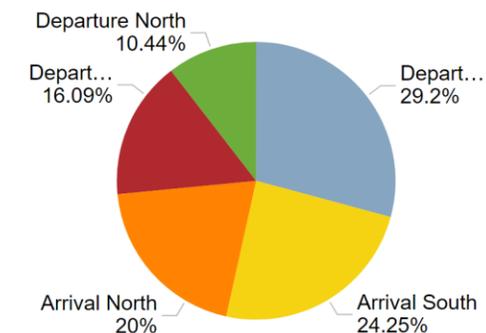
Total operations by compass direction

(Blank) 0.02% East 16.09% North 30.46% South 53.46%



Arrivals/departures by direction

Departure North 10.44% Departure South 29.2% Arrival North 20% Arrival South 24.25%



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Select a type :

All

Runway use summary

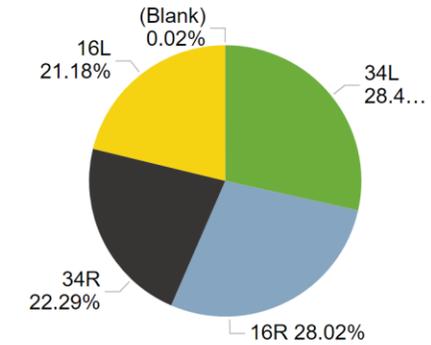
April
2021

Operations by day and runway

Runway	16L			16R			34L			34R			Total		
	Date	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total			
4/1/2021			75	107	182	100	133	233	112	76	188	41	111	152	755
4/2/2021	1	1	28	231	259	38	27	65	228	103	331				656
4/3/2021			74	74	74	3	3	3	192	92	284	47	126	173	534
4/4/2021			75	75	75	3	2	5	209	188	397	20	27	47	524
4/5/2021			97	163	260	195	217	412	2		2				674
4/6/2021			118	156	274	183	227	410	5		5				689
4/7/2021			109	152	261	198	234	432	10		10				703
4/8/2021			60	117	177	111	153	264	106	43	149	41	92	133	723
4/9/2021			43	60	103	91	89	180	131	79	210	66	189	255	748
4/10/2021									200	135	335	63	185	248	583
4/11/2021	1	1	74	143	217	185	204	389	9	7	16				623
4/12/2021			110	189	299	214	225	439	5		5				743
4/13/2021							22	22	181	112	293	116	251	367	682
4/14/2021				13	13		22	22	221	124	345	87	228	315	695
4/15/2021			20	59	79	61	84	145	167	86	253	77	186	263	740
4/16/2021			121	206	327	222	237	459	6		6				792
4/17/2021			40	131	171	101	85	186	93	47	140	20	50	70	567
4/18/2021			73	119	192	99	108	207	68	52	120	29	73	102	621
4/19/2021							9	9	222	141	363	127	282	409	781
4/20/2021						1	23	24	218	137	355	101	262	363	742
4/21/2021			119	174	293	208	239	447	12		12				752
4/22/2021	2	2	48	76	124	82	120	202	170	108	278	44	142	186	792
4/23/2021			76	150	226	108	125	233	140	65	205	38	111	149	813
4/24/2021				6	6		1	1	185	109	294	73	191	264	565
4/25/2021			88	147	235	154	179	333	17	5	22		13	13	603
4/26/2021			65	107	172	127	125	252	112	67	179	46	123	169	772
4/27/2021			70	116	186	131	153	284	91	52	143	41	105	146	759
4/28/2021				71	71		21	21	266	116	382	72	197	269	743
4/29/2021				40	40		19	19	260	138	398	92	252	344	801
4/30/2021			58	67	125	89	88	177	146	106	252	60	177	237	791
Total	4	4	1,492	2,949	4,441	2,701	3,174	5,875	3,784	2,188	5,972	1,301	3,373	4,674	20,966

Operations by runway

● 34L ● 16R ● 34R ● 16L ● (Blank)



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Hourly movement summary

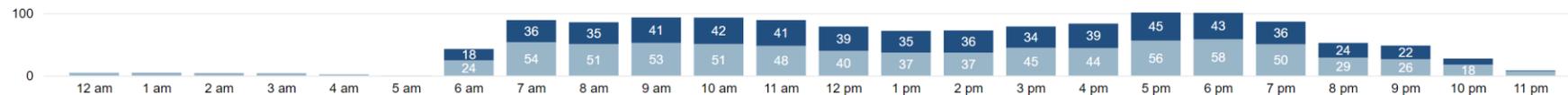
April
2021

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
4/1/2021	8	3	4	3	7	1	18	51	48	47	45	50	43	41	36	50	43	50	60	54	36	35	22		755
4/2/2021	1	2			1		17	54	44	52	50	46	33	42	40	40	42	45	43	34	32	26	11	1	656
4/3/2021	1	1					14	40	36	48	43	45	38	37	38	22	35	37	26	18	21	17	15	2	534
4/4/2021			2		2		21	17	25	32	38	33	31	33	36	38	39	47	42	36	23	17	9	3	524
4/5/2021		2					20	36	47	40	52	44	36	38	38	43	45	64	55	47	28	27	11	1	674
4/6/2021	1	1	2				22	49	46	45	53	47	37	36	31	37	41	52	54	48	32	26	19	10	689
4/7/2021	9	4	4	5	3		24	47	47	49	46	43	40	31	37	41	44	47	51	42	30	27	20	12	703
4/8/2021	9	2	4	5	3	1	24	53	43	53	49	51	27	35	35	42	37	54	60	50	25	29	22	10	723
4/9/2021	5	5	2	7			25	52	50	51	51	51	44	37	37	49	45	50	61	54	32	28	11	1	748
4/10/2021							17	47	44	49	48	47	44	36	33	29	37	40	35	28	16	24	8	1	583
4/11/2021							14	29	29	37	34	39	47	40	32	41	42	56	55	59	32	24	12	1	623
4/12/2021		1		1			27	50	51	60	48	47	40	39	32	40	47	62	58	54	26	29	21	10	743
4/13/2021	2	3	4	5	3		24	50	42	48	46	39	33	33	34	39	37	56	61	46	24	22	21	10	682
4/14/2021	4	6	3	7			24	43	53	43	46	47	40	31	36	41	44	55	53	42	29	24	17	7	695
4/15/2021	2	6	9	3	3		23	50	55	47	41	48	33	41	36	44	41	63	62	49	25	27	21	11	740
4/16/2021	5	6	5	4	1		27	54	55	55	54	49	46	44	41	48	53	56	66	55	29	29	10		792
4/17/2021							20	49	45	41	49	46	40	37	35	29	41	33	32	25	20	17	8		567
4/18/2021	1	2	2				21	24	26	32	38	39	33	34	39	41	39	61	59	55	35	31	8	1	621
4/19/2021	1	1					28	69	57	59	59	46	47	38	32	54	40	57	57	50	32	23	19	12	781
4/20/2021	4	2	4	8			24	51	52	62	50	50	31	33	35	42	45	58	60	50	25	27	18	11	742
4/21/2021	7	6	6	6	2	1	25	54	55	52	48	46	40	38	33	49	46	58	58	46	21	27	18	10	752
4/22/2021	5	6	1	6	1		27	55	54	53	57	48	40	34	39	50	43	62	63	56	28	33	22	9	792
4/23/2021	5	3	6	2	4	1	28	59	53	60	52	51	52	43	39	51	50	64	57	57	37	30	9		813
4/24/2021							22	49	51	48	49	42	43	30	34	27	40	26	36	24	11	23	10		565
4/25/2021		2					17	29	24	39	39	40	36	32	37	46	41	60	55	45	31	21	8	1	603
4/26/2021		2					25	59	47	59	64	49	48	36	35	50	45	54	59	56	29	24	20	11	772
4/27/2021	6		6	4		1	24	58	58	61	55	43	41	34	45	35	44	58	64	52	22	22	18	8	759
4/28/2021	9	7	1	8	2		28	60	53	60	52	50	31	29	35	42	37	61	57	45	25	20	21	10	743
4/29/2021	2	6	1	6		1	25	60	58	45	51	54	37	41	45	48	51	61	62	58	31	25	21	12	801
4/30/2021	4	4	4	5			29	65	46	56	50	51	55	39	41	48	52	49	61	63	35	21	13		791
Total	91	83	70	85	32	6	684	1,463	1,394	1,483	1,457	1,381	1,186	1,092	1,096	1,256	1,286	1,596	1,622	1,398	822	755	463	165	20,966

Average daily operations by hour of day

● Weekday ● Weekend



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Mode utilization summary

April
2021

Duration of mode use

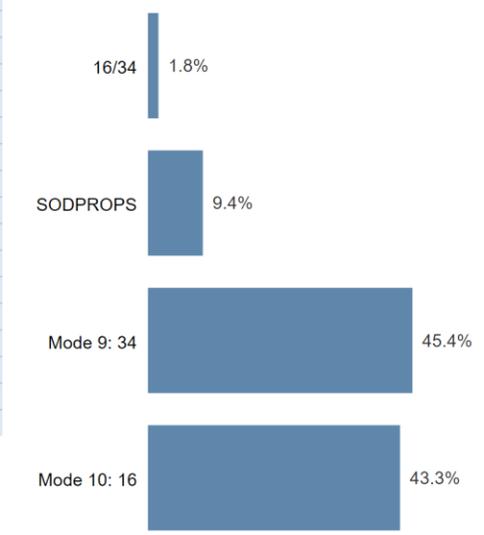
Date	Curfew	16/34	SODPROPS	Mode 5: 16/25	Mode 7: 25/34	Mode 9: 34	Mode 10: 16	Mode 12: 07	Mode 13: 25	Mode 14a: 16/07	Other	Total
4/1/2021	07:00	00:26				08:05	08:29					24:00
4/2/2021	07:00	00:27	09:47			03:57	02:49					24:00
4/3/2021	07:00	00:19	03:59			12:42						24:00
4/4/2021	07:00	00:16	06:17			10:06	00:21					24:00
4/5/2021	07:00	00:26					16:34					24:00
4/6/2021	07:00	00:11					16:49					24:00
4/7/2021	07:00	00:14					16:46					24:00
4/8/2021	07:00	00:05				06:46	10:09					24:00
4/9/2021	07:00	00:17				10:27	06:16					24:00
4/10/2021	07:00	00:27				16:33						24:00
4/11/2021	07:00	00:32				01:08	15:20					24:00
4/12/2021	07:00	00:13					16:47					24:00
4/13/2021	07:00	00:26				16:34						24:00
4/14/2021	07:00	00:15	02:12			14:33						24:00
4/15/2021	07:00	00:10	02:22			10:01	04:27					24:00
4/16/2021	07:00	00:32					16:28					24:00
4/17/2021	07:00	00:27	04:55			03:12	08:26					24:00
4/18/2021	07:00	00:22				07:17	09:21					24:00
4/19/2021	07:00	00:23				16:37						24:00
4/20/2021	07:00	00:13				16:47						24:00
4/21/2021	07:00	00:05					16:55					24:00
4/22/2021	07:00	00:17	02:27			08:51	05:25					24:00
4/23/2021	07:00	00:13	02:27			06:24	07:56					24:00
4/24/2021	07:00	00:20	01:45			14:55						24:00
4/25/2021	07:00	00:21				01:26	15:13					24:00
4/26/2021	07:00	00:18	01:12			06:20	09:10					24:00
4/27/2021	07:00	00:19	00:44			05:14	10:43					24:00
4/28/2021	07:00	00:00	06:29			10:31						24:00
4/29/2021	07:00	00:15	03:22			13:23						24:00
4/30/2021	07:00	00:22	00:11			09:56	06:30					24:00
Total	210:00	09:11	48:08			231:46	220:55					720:00

Days with a mode used in excess of 9 hours

26 Any Mode 13 Mode 9 12 Mode 10

14 At any time 13 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%	3.2%			40.6%	55.6%			
Time	1.6%	3.1%			40.7%	54.6%			

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Apr-21

Runway 16 Precision Runway Monitor operations

April
2021

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

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Runway 34 departures maintaining heading

April
2021

2,188

Flights departing from runway 34L

29

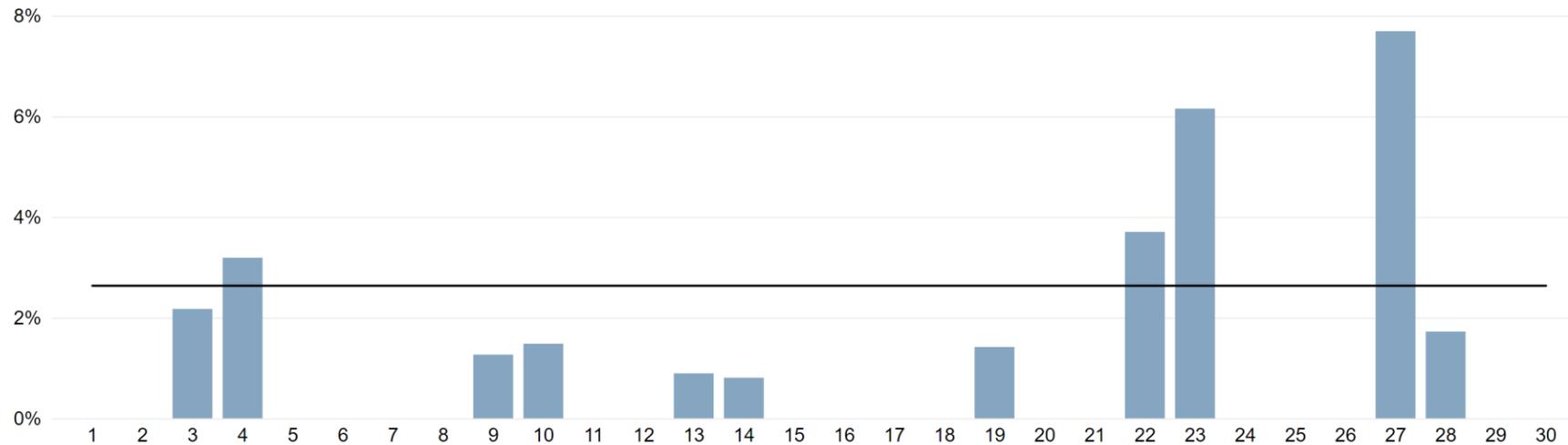
Flights maintaining runway heading

1.33%

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 :

Apr-21

Noise sharing during non-peak hours

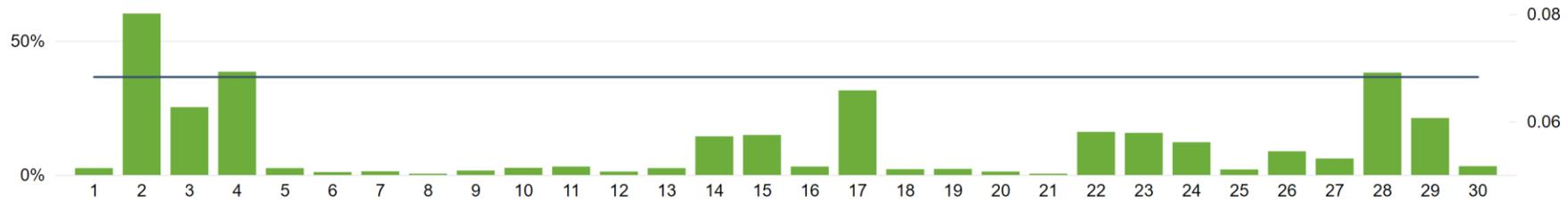
April 2021

Noise sharing time by month



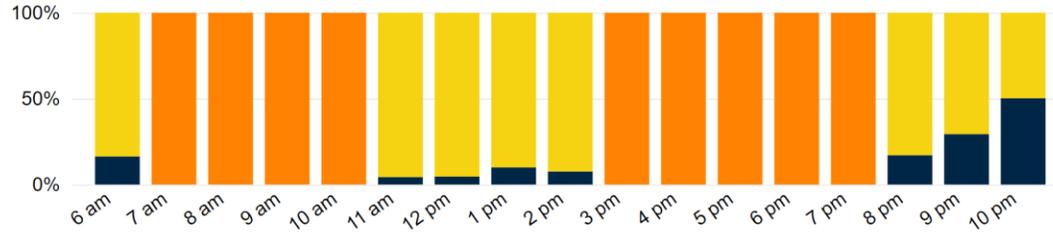
By day

● Noise Sharing Time — Average last 13 months

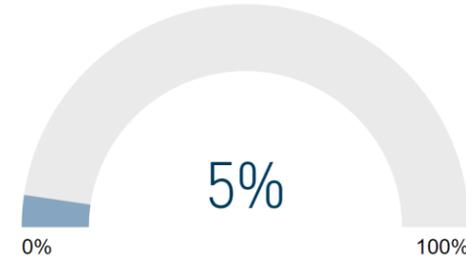


By hour

● Time spent ● Non-peak periods ● Peak periods



Flights during noise sharing



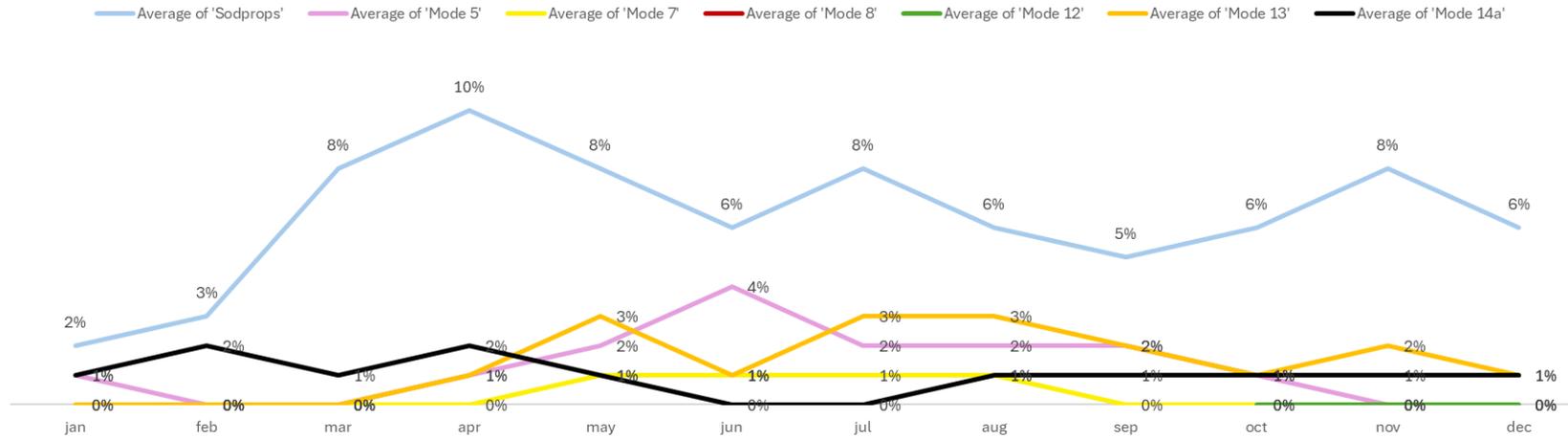
Note :

- 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

