

**Community Noise Forum**  
**Monday, May 22, 2023**  
**Agenda**

- I. Call to Order: 6:00 PM
- II. Approval of March 27, 2023, Minutes
- III. Active Noise Cancellation Grant Update
- IV. Airspace Project Update
- V. Noise Exposure Map Update
- VI. FAA Noise Policy Review
- VII. Southwest Quadrant Working Group
- VIII. Part 150 NCP
  - a. Noise Insulation Program
  - b. Contraflow Exceptions
- IX. Current Noise Concerns
  - a. Noise Concerns/Complaints
  - b. Runway Utilization
  - c. Construction and Maintenance Activity
- X. Guest Comments
- XI. Announcements
- XII. Next Meeting: July 24, 2023
- XIII. Adjournment

**COMMUNITY NOISE FORUM (CNF)**  
**Monday, March 27, 2023**

**Members**

Mary Rose Evans, ANA  
Bob Slattery, LRAA  
Patricia Gould, Northeast  
Doug Black, Southwest

Tom Foote, Airline Affairs  
John Sistarenik, LRAA Board  
Greg Petto, FAA

**Guests**

Wendy Harrower, QuieterHome Program  
Travis Fiechter, Neighbor  
Doug Black, Yorktown North  
Dorn Crawford, Audubon Park

Edward Mansfield, Merriwether  
Rebecca Katz, Metro 21  
Rose Nett, ANA

- I. Call to order:** The meeting was called to order at 6:00 p.m. by John Sistarenik.
- II. Approval of the January 23, 2023, Minutes:** The January meeting notes were reviewed with no changes and approved.
- III. Election of Officers:** Mary Rose noted that Mr. Doug Black has been appointed by Airport Neighbors Alliance as the new Southwest Representative to the Community Noise Forum. Mary Rose Evans was elected as CNF Chairman. Tom Foote was re-elected as Vice Chairman. Mary Rose and Tom will serve as Chair and Vice Chair for one year. Mary Rose thanked John for his 20 years of service to the CNF.
- IV. Active Noise Cancellation Grant Update:** Bob reported that the project status had not changed since the previous update. We are still waiting for FAA Guidance on how to proceed with procurement. The LRAA is currently working on resolving contractual issues with the consortium (LRAA, HMMH, National Institute of Aerospace (NIA)) and the FAA. Specifically, we are awaiting a response from the FAA on the type of agreement that meets FAA procurement requirements for this type of project (Design Build, Professional Services).
- V. Airspace Project Update:** Bob reported that the design team may need to make slight adjustments to the 35R departure procedures. It is my understanding that the FAA is still looking at this. West bound departures may be starting their turn slightly later. The FAA has said they would be willing to brief the CNF on the procedures. Mary Rose asked if Bob could contact the FAA and see if they could give a brief on the status of the project to the group at the May meeting.

## **VI. Part 150 NCP:**

- A. Noise Insulation Program: Residential** – This project is to sound insulate residences within the DNL 65 contour according to the 2021 Noise Exposure Map. Construction is complete for the first 3 groups of 105 families. Construction for a 4<sup>th</sup> group of 20 families is scheduled to begin on Monday April 3. A project for an additional 33 families is currently in the material procurement process. A project for an additional 34 families was advertised yesterday and we anticipate the awarding of that contract at the April meeting of the LRAA Board. Testing has been completed for an additional 60 families and designs will begin this summer.
- B. Contraflow Exceptions:** Contraflow for January was 67% for arrivals from the south and 75% for departures to the south. In February arrivals from the south were 62% and departures to the south were 72%. Daily summaries for each month are contained in the handout. For calendar year 2023 arrivals from the south were 65% and departures to the south are 73%. A monthly summary going back 8 years is included in the handout.

## **VII. Current Noise Concerns:**

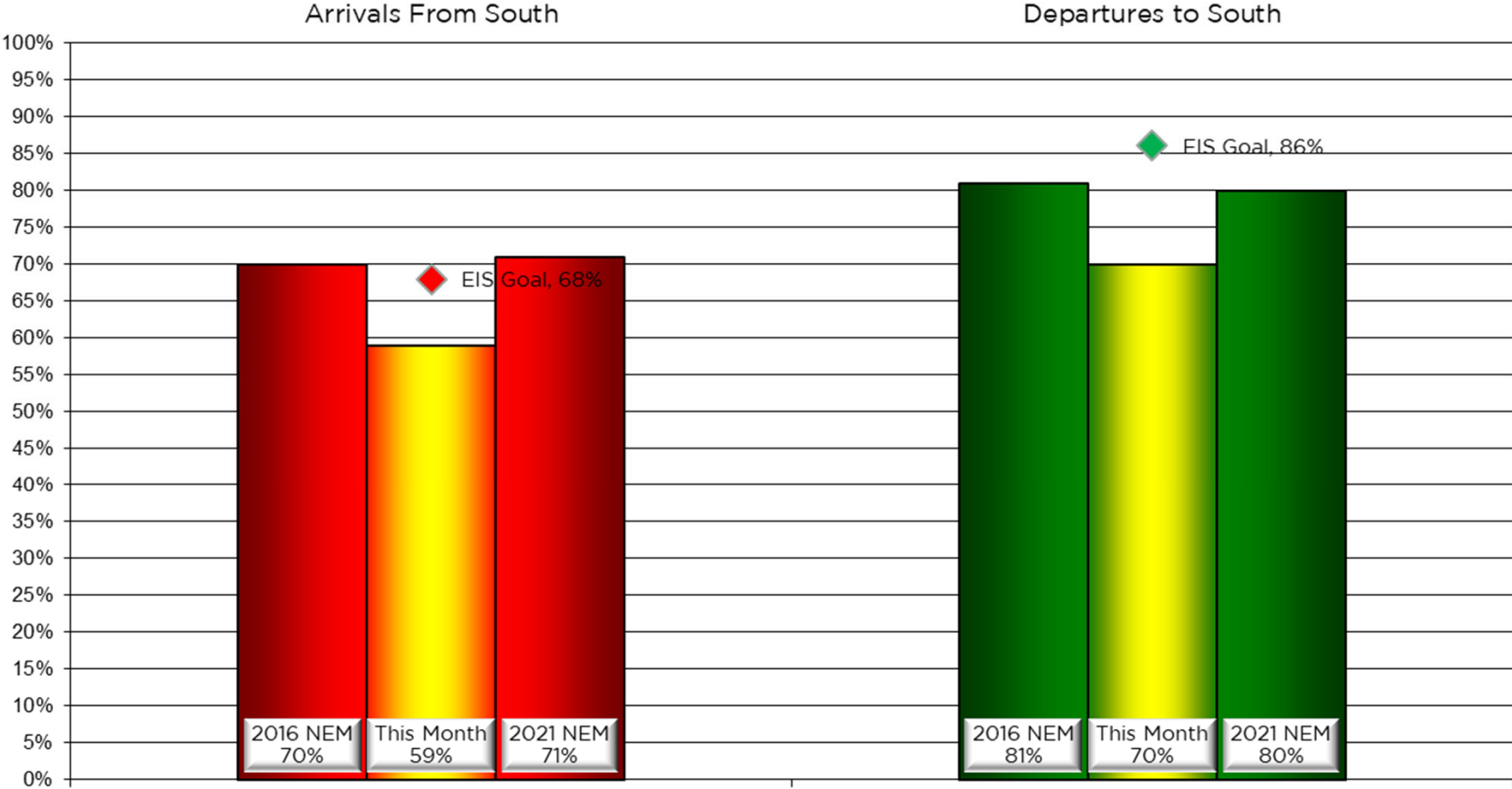
- A. Report on Noise Concerns/Complaints:** A total of 20 comments from 11 individuals were received in January. In February, 29 comments were received from 15 individuals. Comments and locations are contained in the handout.
- B. Runway Utilization:** Runway utilization for January and February are contained in the handout. Daily runway utilization comments from the Air Traffic Control Tower for January and February are also included in the handout. Doug Black asked, when are aircraft supposed to start the 20-degree divergence when departing on the west runway. He has noticed that it appears they start their turns at different times prior to reaching the end of the runway. Bob replied that currently, once aircraft are “safely airborne” they begin the divergence. Once the new procedures are in place, all aircraft will begin divergence approximately 1 nm from the end of the runway. Mr. Black also asked if the CNF has ever made a proposal to use the Community Noise Equivalent Level (CNEL) metric. Bob replied that it is his understanding that CNEL is only used in California and would require Federal approval.
- C. Construction and Maintenance Activity:** Bob reported that currently there is pavement and electrical work taking place on the west runway that will require closures for the next several weekends weather permitting.

## **VIII. Guest Comments:** Travis Fiechter lives on Bourbon Avenue just outside of Group 6 for the QuieterHome Program. He just wanted to introduce himself to the group

and plans to attend meetings regularly in the future. Mr. Mansfield asked, what legal restrictions from the FAA, federal or state are your bounded by with respect the 65 DNL to determine any noise abatement? Bob replied that DNL 65 is the restriction that the airport is bound by. In accordance with the regulations, we cannot use airport revenue to mitigate noise outside the DNL 65 contour. That would not prohibit the state from using funds to mitigate. However, the airport is limited to DNL 65. Mr. Mansfield commented that the possibility of a political resolution from the state seems minimal. There is not much leverage from the small area in Jefferson County where the airport is located. Should I focus my attention on the FAA in terms of DNL? Doug Black replied that he feels the group should focus on both.

- IX. Announcements:** Mary Rose recommended that the next CNF meeting be held in person with a virtual option. The group agreed with having the meeting in person with a virtual option. Bob mentioned he had seen an article that UPS may be retiring its fleet of MD-11s. Tom Foote replied that he believes 5 or 6 six are slated to be retired this year. Over the next few years, UPS will be getting down to very limited MD-11 operations.
- X. Next Meeting:** May 22, 2023
- XI. Adjournment:** A motion was made to adjourn the meeting at 6:47 p.m.

Monthly Contraflow  
March 1-31, 2023



# Nightly Runway Use Summary - March 2023

(from 10:00 PM date list in first column to 7:00 AM the following morning)

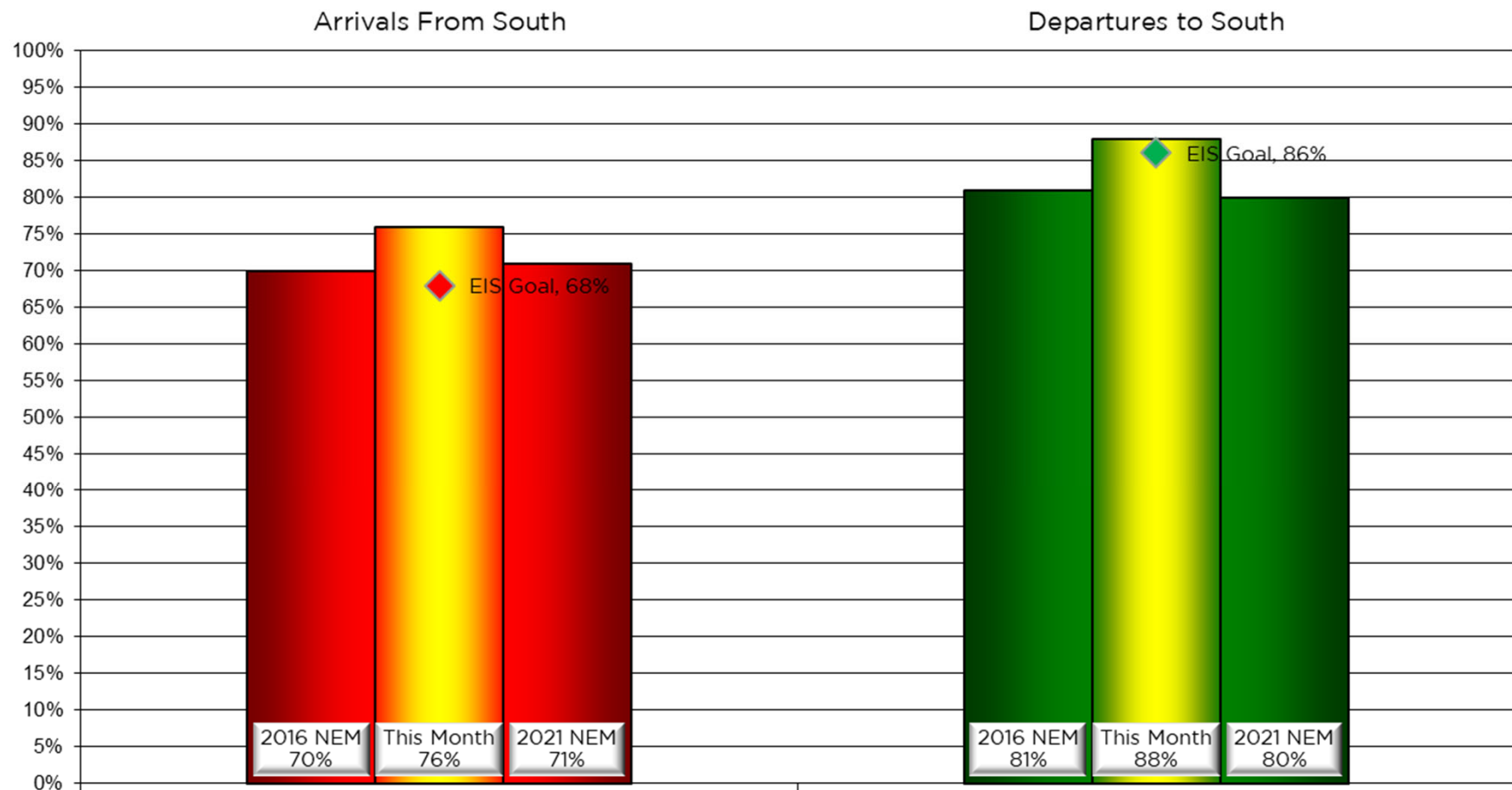
		% of all arrivals from the south											% of all departures to the south										
Date	Day	* in	Runway#							Unknown	Notes / Comments	** in	Runway#							Unknown	Notes / Comments		
		compliance	11	17L	17R	29	35L	35R	Runway	Use		compliance	11	17L	17R	29	35L	35R	Runway	Use			
03-01-23	Wed	100%						61	39	0		0%						54	46	0	350-020@9-23kts		
03-02-23	Thu	99%			1			58	41	0		43%			19	24		41	16	0	360-110@7-25kts,ts		
03-03-23	Fri	81%					19	54	27	0		0%					4	57	39	0	280-310@9-21kts		
03-04-23	Sat																						
03-05-23	Sun																						
03-06-23	Mon	100%						60	40	0		0%						57	43	0	350-010@19-29kts,g42		
03-07-23	Tue	98%			1	1		59	39	0		85%			36	49		9	6	0			
03-08-23	Wed	97%			1	2		62	35	0		93%			41	52		6	1	0			
03-09-23	Thu	5%			41	54		4	1	0	100-250@3-25kts,g42,ra	18%			6	12		43	39	0	270-290@19-33kts,g42		
03-10-23	Fri	92%			3	5		53	39	0		94%			39	55		4	2	0			
03-11-23	Sat																						
03-12-23	Sun																						
03-13-23	Mon	100%						53	47	0		0%						64	36	0	300-320@11-23kts,sn		
03-14-23	Tue	0%			40	60				0	360-010@1-9kts	100%			34	66				0			
03-15-23	Wed	0%			42	58				0	100-050@5-13kts	100%			39	61				0			
03-16-23	Thu	0%			41	59				0	170-210@19-40kts,g50,ra	100%			40	60				0			
03-17-23	Fri	97%			2	1		60	37	0		90%			45	45		6	4	0			
03-18-23	Sat																						
03-19-23	Sun																						
03-20-23	Mon	0%			44	56				0	130-180@7-13kts	100%			38	62				0			
03-21-23	Tue	0%			45	55				0	100-180@7-17kts,ra	100%			38	62				0			
03-22-23	Wed	0%			41	59				0	160-190@13-23kts,g36,ra	100%			44	56				0			
03-23-23	Thu	89%			3	8		54	35	0		43%			16	27		34	23	0	360-260@7-56kts,ts		
03-24-23	Fri	68%			18	14		43	25	0		90%			40	50		1	9	0			
03-25-23	Sat																						
03-26-23	Sun																						
03-27-23	Mon	98%			1	1		57	41	0		87%			37	50		9	4	0			
03-28-23	Tue	97%				3		61	36	0		92%			39	53		7	1	0			
03-29-23	Wed	96%			1	3		54	42	0		88%			38	50		8	4	0			
03-30-23	Thu	0%			43	57				0	120-150@7-15kts	100%			41	59				0			
03-31-23	Fri	33%			23	37		7	24	9	0	180-290@17-69kts,ts	98%			25	73		2		0		

Preferred Flow

DATIS Reported Conditions Indicate  
Support for Non-Preferred Flow

DATIS Reported Conditions Do Not Indicate  
Support for Non-Preferred Flow

## Monthly Contraflow April 1-30, 2023



# Nightly Runway Use Summary - April 2023

(from 10:00 PM date list in first column to 7:00 AM the following morning)

		% of all arrivals from the south										% of all departures to the south									
Date	Day	Unknown										Unknown									
		* in	Runway#							Runway	Notes /	** in	Runway#							Runway	Notes /
		compliance	11	17L	17R	29	35L	35R	Use	Comments		compliance	11	17L	17R	29	35L	35R	Use	Comments	
04-03-23	Mon	0%			43	57				0	180-190@15-25kts,g40	100%			43	57				0	
04-04-23	Tue	0%			42	58				0	160-190@21-31kts,g50	100%			38	62				0	
04-05-23	Wed	99%			1				58	41	0		0%					56	44	0	340-050@17-25kts,g36,ra
04-06-23	Thu	100%							64	36	0		74%			33	41		12	14	0
04-07-23	Fri	96%			2	2			60	36	0		98%			49	49		1	1	0
04-08-23	Sat																				
04-09-23	Sun																				
04-10-23	Mon	96%			1	3			62	34	0		92%			33	59		7	1	0
04-11-23	Tue	94%			5	1			57	37	0		92%			36	56		5	3	0
04-12-23	Wed	97%			1	2			59	38	0		93%			39	54		6	1	0
04-13-23	Thu	92%			2	6			58	34	0		90%			40	50		7	3	0
04-14-23	Fri	92%			3	5			58	34	0		93%			40	53		3	4	0
04-15-23	Sat																				
04-16-23	Sun																				
04-17-23	Mon	98%			2				57	41	0		91%			37	54		5	4	0
04-18-23	Tue	97%			1	2			58	39	0		91%			34	57		7	2	0
04-19-23	Wed	0%			43	57					0	180-200@13-17kts	100%			37	63				0
04-20-23	Thu	0%			39	61					0	190-270@13-21ks,g38	100%			34	66				0
04-21-23	Fri	94%			2	4			58	36	0		97%			39	58		1	2	0
04-22-23	Sat																				
04-23-23	Sun																				
04-24-23	Mon	97%			1	2			62	35	0		91%			38	53		6	3	0
04-25-23	Tue	97%			1	2			61	36	0		88%			33	55		8	4	0
04-26-23	Wed	98%				2			59	39	0		89%			37	52		6	5	0
04-27-23	Thu	84%			6	10			53	31	0		89%			38	51		5	6	0
04-28-23	Fri	92%			1	7			54	38	0		95%			43	52		3	2	0

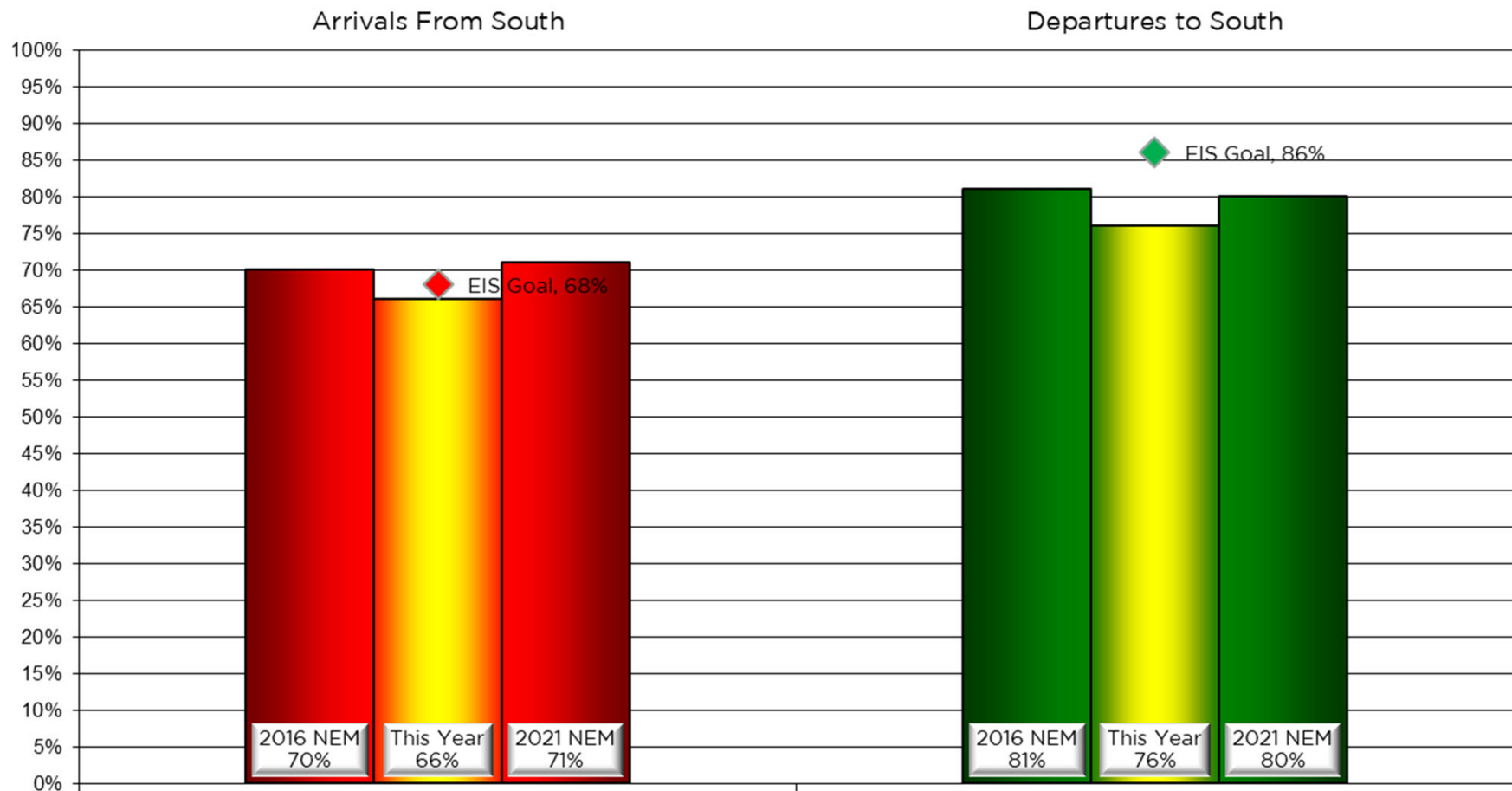
Preferred Flow

DATIS Reported Conditions Indicate  
Support for Non-Preferred Flow

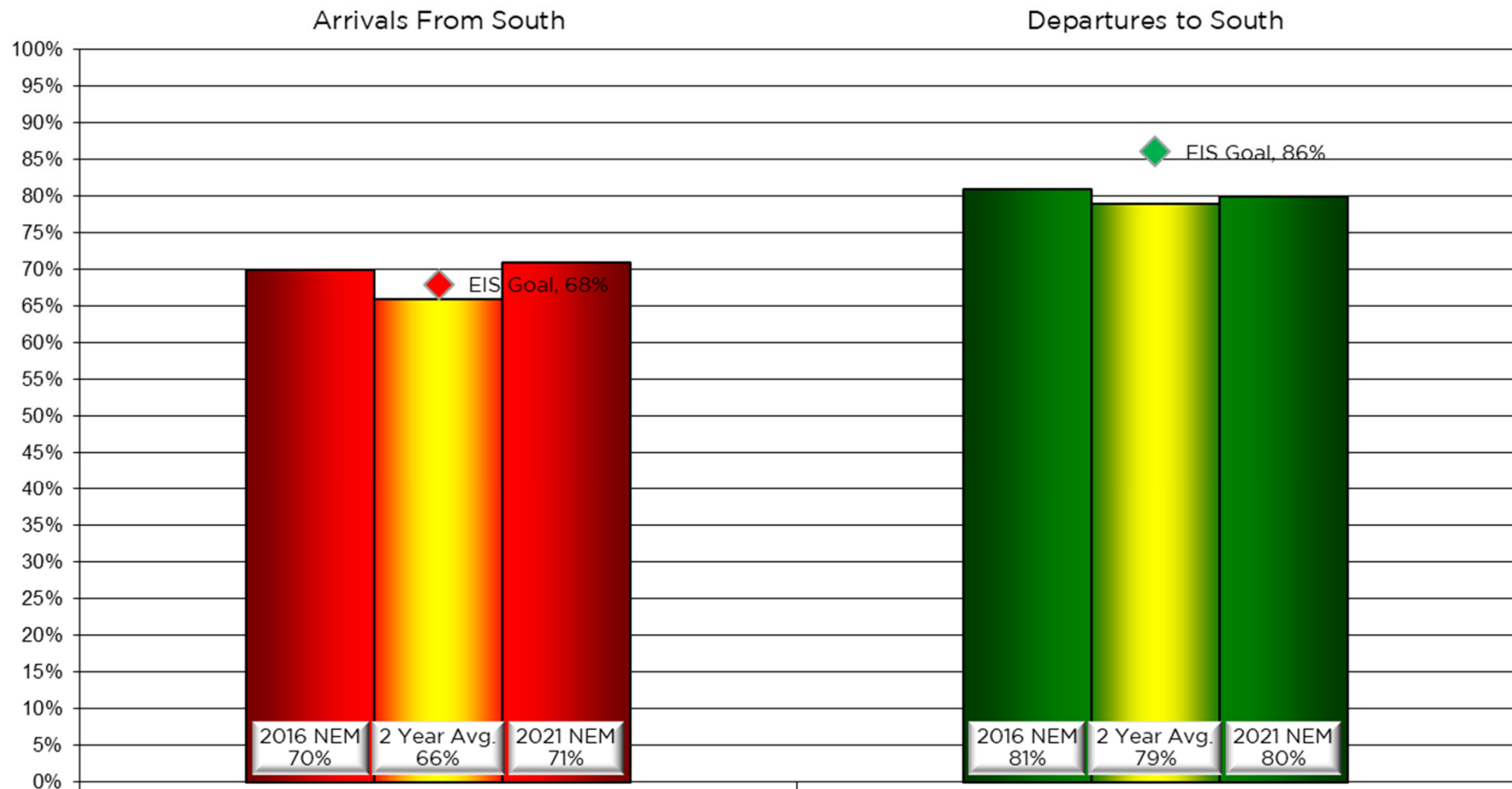
DATIS Reported Conditions Do Not Indicate  
Support for Non-Preferred Flow



## Contraflow This Year As of April 30, 2023



## Contraflow 2 Year Average May 2021 - April 2023



# Year-to-Year by Month Percent\*

## Contraflow

Arrivals From the South (Goal 68%)										Departures to the South (Goal 86%)									
	2016	2017	2018	2019	2020	2021	2022	2023	Avg		2016	2017	2018	2019	2020	2021	2022	2023	Avg
Jan	69%	65%	60%	75%	56%	71%	78%	67%	68%		69%	61%	72%	69%	82%	71%	65%	75%	71%
Feb	80%	58%	67%	78%	78%	87%	67%	62%	72%		67%	77%	70%	57%	43%	45%	56%	72%	61%
Mar	63%	79%	84%	82%	65%	51%	62%	59%	68%		77%	62%	61%	89%	64%	77%	77%	70%	72%
Apr	86%	56%	73%	65%	71%	62%	64%	76%	69%		73%	80%	72%	82%	69%	75%	82%	88%	78%
May	62%	75%	43%	65%	71%	71%	51%		64%		80%	80%	89%	90%	90%	63%	83%		82%
Jun	79%	74%	74%	50%	69%	65%	67%		67%		83%	93%	91%	91%	88%	84%	70%		86%
Jul	59%	85%	90%	75%	72%	70%	55%		73%		91%	85%	77%	87%	91%	76%	95%		85%
Aug	76%	79%	72%	88%	82%	74%	78%		79%		90%	90%	88%	89%	87%	88%	89%		89%
Sep	88%	85%	80%	83%	83%	63%	91%		84%		93%	31%	87%	77%	85%	90%	75%		76%
Oct	81%	81%	77%	79%	71%	69%	68%		77%		81%	82%	76%	78%	72%	76%	78%		77%
Nov	74%	69%	76%	70%	51%	61%	60%		65%		77%	75%	54%	72%	78%	81%	86%		76%
Dec	75%	74%	72%	76%	67%	56%	53%		66%		62%	74%	61%	72%	69%	80%	88%		73%
Avg	74%	73%	72%	74%	70%	67%	66%	66%			79%	74%	75%	79%	77%	76%	79%	76%	

# NOISE COMMENT REPORT

## LOUISVILLE REGIONAL AIRPORT AUTHORITY



March 2023

# Comments (SDF/LOU)

## March 2023

Street	Zip Code	CNF Quad / 2021 DNL	Time Received	Time	Airport	Disturbance Type	Status	Operation or Comment Type <sup>1</sup>	Deviation Type <sup>2</sup>	Comments <sup>3</sup>	Number of Contacts
Taylorsville Rd	40205	NA	2023-03-01 10:23:00	2023-03-01 10:23:00	LOU	Aircraft Off Course	Investigated	Standard	None	Those airplanes are flying over my house again. Why can't you put them over LaGrange or somewhere to get them out of Louisville.	1
York River RD	40214	SW (<60)	2023-03-01 18:13:00	2023-03-01 18:13:00	SDF	Aircraft Off Course	Investigated	Non-Standard	Ops	UPS jet takeoff from west runway departing south. UPS 2062 (Windsor locks) bank turning early and flew right over top of my house at under 1500 feet. It shook the house and was over 85 dBs on the Xplane. I got the data. The next UPS flight from west runway that was 2 minutes later UPS 2984 (headed to Seattle) did not bank or turn. That's what I have always said, UPS does what they want. You say no. The retired UPS pilots we have spoken to say otherwise as well. It's all about the money and being on time with no regard for the safety and noise level to Yorktown North and residents of the southwest. This goes on as well in a.m. and has to stop.	1
York River RD	40214	SW (<60)	2023-03-03 05:48:00	2023-03-03 02:30:00	SDF	Too Much Noise	Investigated	Non-Standard	Weather	We were woken up this morning at about 2:30 a.m. with loud engine blasts. I looked at flight radar 24 and they were departing to the north. These engine blasts have gotten louder over the past year. I know this is all weather related, but this takeoff noise is affecting areas south of the runway when they takeoff north. Departing north is starting to become an issue for these communities southwest of the runways.	1

1. **Standard:** Indicates the "Most Preferred" runway configuration was being utilized at the time of the comment.  
**Non-Standard:** Indicates that a "Lesser Preferred" runway configuration was being utilized at the time of the comment.  
**QHP:** QuieterHome Program
2. This column is used to indicate the conditions which most likely necessitated a deviation from the standard procedures.
3. Comments may be edited for space, format, or unrelated content.

# Comments (SDF/LOU)

## March 2023

Street	Zip Code	CNF Quad / 2021 DNL	Time Received	Time	Airport	Disturbance Type	Status	Operation or Comment Type <sup>1</sup>	Deviation Type <sup>2</sup>	Comments <sup>3</sup>	Number of Contacts
Jefferson Hill Rd	40118	SW (<60)	2023-03-03 08:14:00	2023-03-03 03:00:00	SDF	Noise At Wrong Time	Investigated	Non-Standard	Weather	I am calling to complain about the planes. If the UPS planes could just operate during normal business hours that would be great. They keep me up from 3:00 a.m. to 5:00 a.m. flying over my house.	1
York River RD	40214	SW (<60)	2023-03-08 12:26:00	2023-03-08 03:20:00	SDF	Aircraft Off Course	Investigated	Standard	None	UPS takeoff from west runway heading south banking and turning early (1/2 way down runway - not even to the end of runway) flying over Yorktown North/ South. Note the time 3:20 a.m. This was over 80 dBs in the bedroom. This causes dispute and loss of sleep. Takeoffs are every 1-2 minutes.	1
York River RD	40214	SW (<60)	2023-03-08 05:55:00	2023-03-08 03:30:00	SDF	Aircraft Off Course	Investigated	Standard	None	At 3:30 a.m. this morning, some of the planes were flying over top of the house. I am going to send you some snapshots of UPS flights this morning banking and turning halfway up the runway banking and turning over top of our house. These were well over 75-80 dBs in the bedroom.	1

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York River RD	40214	SW (<60)	2023-03-08 19:22:00	2023-03-08 04:04:00	SDF	Aircraft Off Course	Investigated	Standard	Weather	These are screen shots of UPS south departures from east and west runways. Both planes at same time. The east runway departure banks to the west toward the east UPS departure (Anchorage) and the Anchorage departure did not start turning till over the dump south of the runway. This is what you said needs approval from FAA to be done and is why the UPS departures on the west runway banks and turns to WSW at takeoff and what you said that UPS cannot do without approval from FAA.	1
York River RD	40214	SW (<60)	2023-03-09 04:45:00	2023-03-09 03:30:00	SDF	Too Much Noise	Investigated	Standard	Weather	They are extremely bad this morning. Looking at the flight tracker the planes going off the east runway are banking to the west southwest. The planes going off the west runway are banking even more. Halfway up the runway they are turning. They are coming right over the house. I do not know if it is wind related or what. It does not matter though because it still causes noise here well above 70 dBs' It is shaking the houses over here and we cannot sleep.	1
Briscoe Vista Way	40228	SE (<60)	2023-03-10 13:07:00	2023-03-10 13:07:00	SDF	Other	Investigated	Non-Standard	Weather	Every time a plane goes over, we seem to lose our internet connection.	1

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# Comments (SDF/LOU)

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York River RD	40214	SW (<60)	2023-03-11 05:36:00	2023-03-11 05:36:00	SDF	Aircraft Off Course	Investigated	Standard	None	This morning the UPS planes are departing south off the west runway and turning WSW. They were really loud and woke me up at 3:00 a.m. One every 1 to 2 minutes. You just cannot sleep with this type of noise over here. All the residents in the area have to sleep with sound machines, earmuffs, or something.	1
Dellafay Dr	40219	SE (<60)	2023-03-13 14:30:00	2023-03-11 17:14:00	SDF	Other	Investigated	Standard	None	I just received a letter wanting to rezone a section at the dead-end street and build 2 and 3 story apartments buildings. Certain times this is directly under the UPS planes route. Could someone contact me so I would know if this is a problem. We are all against this rezoning and could use your help.	1
S 16th St	40210	NW (<60)	2023-03-14 08:45:00	2023-03-14 03:00:00	SDF	Too Much Noise	Investigated	Non-Standard	Weather	For the past couple of weeks, the noise has been awful. We used to hear planes occasionally, however, it has gotten really bad. It is starting to impact my health. We cannot get enough sleep. This morning they were going until about 5:00 a.m. Something needs to be done. Maybe you could move the flights a little more towards Shively.	1

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# Comments (SDF/LOU)

## March 2023

Street	Zip Code	CNF Quad / 2021 DNL	Time Received	Time	Airport	Disturbance Type	Status	Operation or Comment Type <sup>1</sup>	Deviation Type <sup>2</sup>	Comments <sup>3</sup>	Number of Contacts
York River RD	40214	SW (<60)	2023-03-16 05:43:00	2023-03-16 05:43:00	SDF	Aircraft Off Course	Investigated	Standard	None	The planes were really loud this morning. UPS banking and turning at takeoff. Some were banking east, and the east runway was not being used. Why can't all of them do that. This has nothing to do with Fort Knox, only with UPS doing what they want to do. We have had this discussion before. I have flight data on the takeoffs to prove that.	1
Dartmouth Dr	47129	SI (<60)	2023-03-17 10:14:00	2023-03-16 21:00:00	SDF	Noise At Wrong Time	Investigated	Standard	None	I live in Clarksville Indiana and airplane noise is extremely loud starting at 9:00 p.m. running into 2 or 3:00 a.m. Sometimes 24 hours at least 3 days a week. Why should we have to go for hours without sleep because of that noise? We have sleep deprivation and are elderly. What are you doing about your noise pollution?	1
York River RD	40214	SW (<60)	2023-03-22 05:02:00	2023-03-22 02:30:00	SDF	Too Much Noise	Investigated	Standard	None	At 2:30 a.m. the UPS planes were departing the west runway, banking and turning wsw right over top of our houses. It is very loud, well over 80 dBs. I am not kidding, it is loud. I actually saw one UPS plane depart the west runway and it turned east. So, admit it, UPS does what they want to do. This has got to stop. UPS is responsible for waking us up at 2:30 in the morning.	1
Adams Creek Dr	47172	SI	2023-03-22 15:05:00	2023-03-22 15:05:00	SDF	Too Much Noise	Investigated	Standard	None	I would like to discuss with someone about noise levels at my home and traffic pattern over my house.	1

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# Comments (SDF/LOU)

## March 2023

Street	Zip Code	CNF Quad / 2021 DNL	Time Received	Time	Airport	Disturbance Type	Status	Operation or Comment Type <sup>1</sup>	Deviation Type <sup>2</sup>	Comments <sup>3</sup>	Number of Contacts
York River RD	40214	SW (<60)	2023-03-23 05:56:00	2023-03-23 05:56:00	SDF	Aircraft Off Course	Investigated	Standard	None	This morning the west runway departures to the south were banking and turning wsw. I had decibel reading of over 80 dBs in the bedroom.	1
Belgravia Ct	40208	NW (60-65)	2023-03-23 10:51:00	2023-03-23 10:51:00	SDF	Constant Noise	Investigated	Non-Standard	Weather	I am calling to complain about the airplanes today. They are extremely low and non-stop for about the last 2 days. What is going on? This is a bad situation. My wife is recovering from cancer, and this is really stressing her out. Everyone in my neighborhood is upset and noticing the low, low, flying airplanes.	1
York River RD	40214	SW (<60)	2023-03-24 06:01:00	2023-03-24 02:30:00	SDF	Too Much Noise	Investigated	Non-Standard	Weather	This morning they were taking off north and that is what woke me up at 2:30 a.m. I know the weather is bad but these planes taking off north are super bad. I have data to show that it is 75 dBs in the bedroom. I have never heard this loud ground noise when they takeoff. Then they flipped the runway and they were going south taking off over the house. That shaking has got to be doing something to the homes. It is just awful.	1
York River RD	40214	SW (<60)	2023-03-24 16:44:00	2023-03-24 16:30:00	SDF	Aircraft Off Course	Investigated	Non-Standard	Weather	UPS does what they want. Banking and turning WSW. Saving UPS money at our noise expense and causing unneeded noise and safety concerns for our community. You can see the Southwest flight did not bank and turn. So, it was not weather the UPS saving money and flying, and we are unprotected to the noise they cause. Over 80 decibels inside the house.	1

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# Comments (SDF/LOU)

## March 2023

Street	Zip Code	CNF Quad / 2021 DNL	Time Received	Time	Airport	Disturbance Type	Status	Operation or Comment Type <sup>1</sup>	Deviation Type <sup>2</sup>	Comments <sup>3</sup>	Number of Contacts
York River RD	40214	SW (<60)	2023-03-25 07:27:00	2023-03-25 02:30:00	SDF	Aircraft Off Course	Investigated	Standard	None	It started about 2:30 a.m. this morning. Planes were banking and turning WSW. Had readings over 75 to 80 dBs in the bedroom. We need to get this stopped.	1
Holsclaw Hill Rd	40109	SW (60-65)	2023-03-28 04:59:00	2023-03-28 03:30:00	SDF	Aircraft Too Low	Investigated	Standard	None	We just had a plane buzz over the house at 1500'. It was going to Dubi. It is 5:00 a.m. and they have been buzzing the house. Been up since 3:30 a.m. with the airplanes flying over low and loaded.	1
Roger E Schupp St	40205	NA	2023-03-29 15:21:00	2023-03-29 06:40:00	LOU	Too Much Noise	Investigated	Standard	None	I am calling about the Kentucky Flight Training School at 2700 Gahst Blvd. We have heard the noise all morning starting at about 06:40 a.m. and it is still going on right now. I was given your phone number because they said you would do something about it. We are going to start a petition this week because it is getting a little carried away and no one is doing anything about it. You call them and their attitude is that they have been here so many years and that does not matter, what about us. What about the community. Can you take it upon yourself and stop the noise that is coming out of these planes.	1

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# Comments (SDF/LOU)

## March 2023

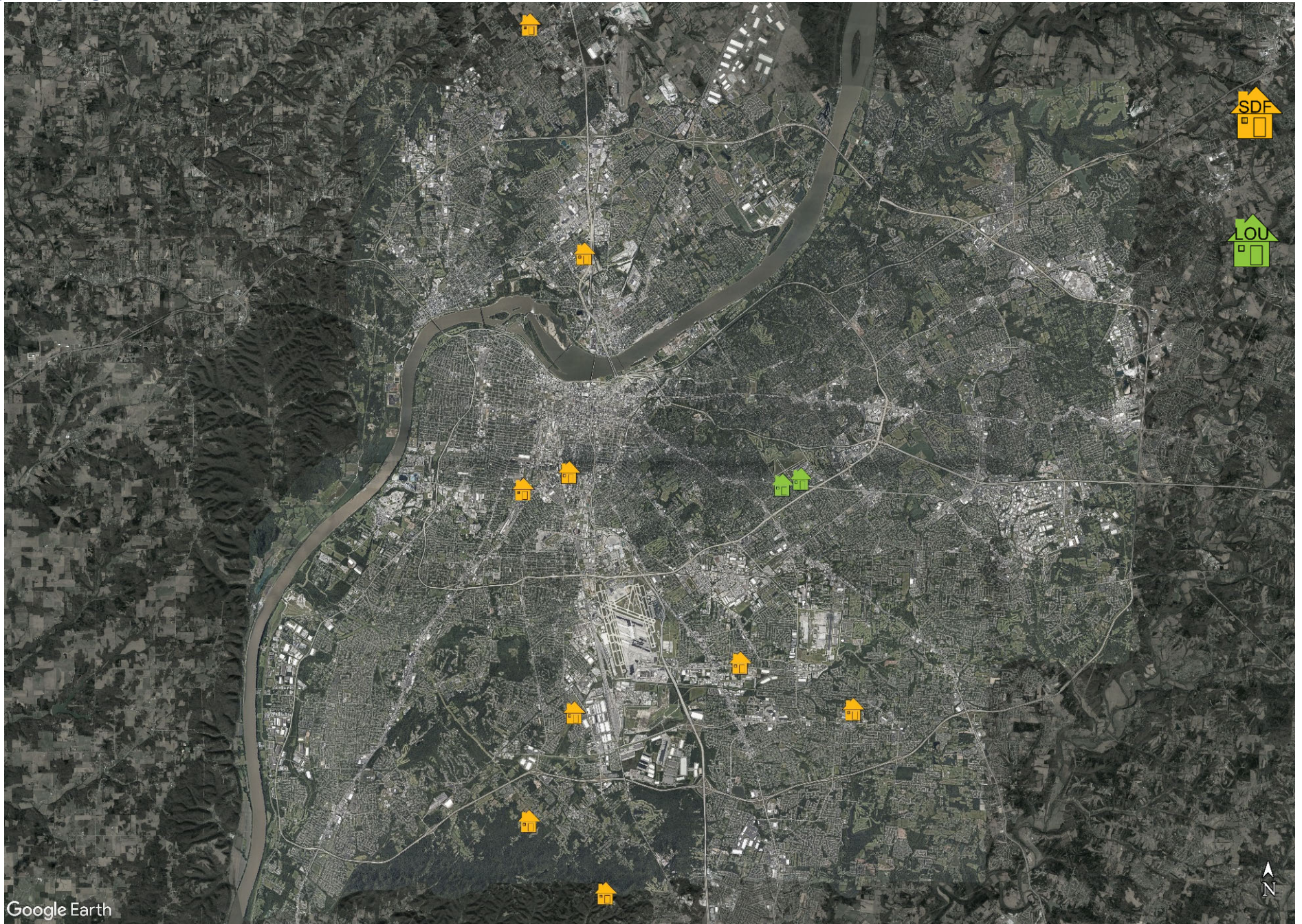
Street	Zip Code	CNF Quad / 2021 DNL	Time Received	Time	Airport	Disturbance Type	Status	Operation or Comment Type <sup>1</sup>	Deviation Type <sup>2</sup>	Comments <sup>3</sup>	Number of Contacts
York River RD	40214	SW (<60)	2023-03-30 06:50:00	2023-03-30 02:30:00	SDF	Aircraft Off Course	Investigated	Standard	None	Woke again this morning at 2:30 a.m. with UPS flights banking and turning WSW off the west runway. Over 70 dBs in the bedroom. This distance from the end of the runway to Yorktown North is less than the houses to the north getting sound insulation.	1
York River RD	40214	SW (<60)	2023-03-31 10:11:00	2023-03-31 04:30:00	SDF	Aircraft Off Course	Investigated	Non-Standard	Ops	Blaming it on the weather is always a good excuse. But this flight UPS 5X476, must have been late to gate so he decided to bank it really hard. Does this pilot know what they cause at 4:30 a.m. This morning this departure from the west runway departing south flew low and right over top of my house and Yorktown North. Other departures from west runway did not, but several took off 1/2 way down runway banked and turned WSW before end of runway. These were noisy (70 db plus in bedroom) started at 3:30 a.m. and lasted 3 hours.	1
									Received	LRAA	25

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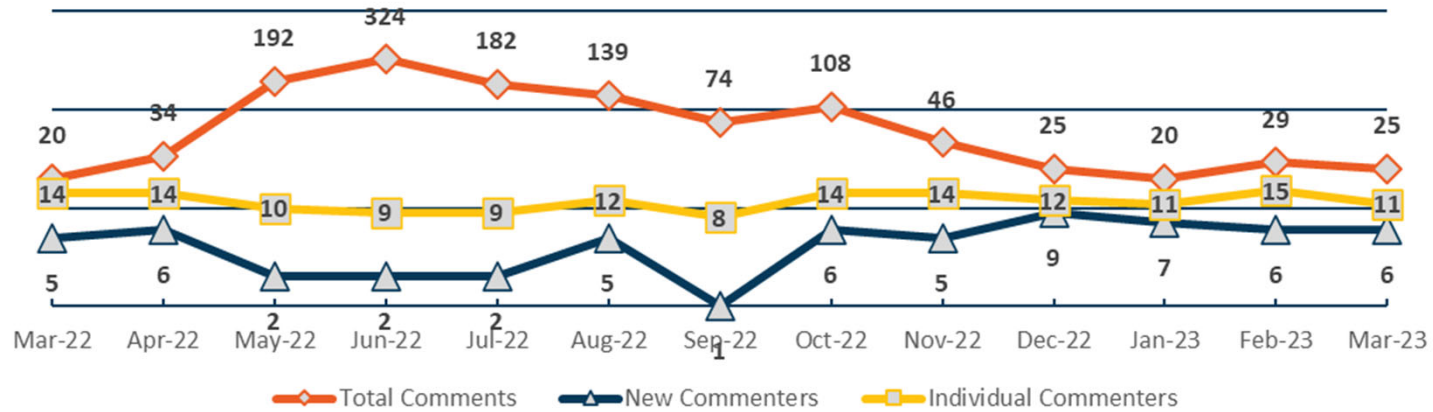
# Comment Location (SDF/LOU)

March 2023

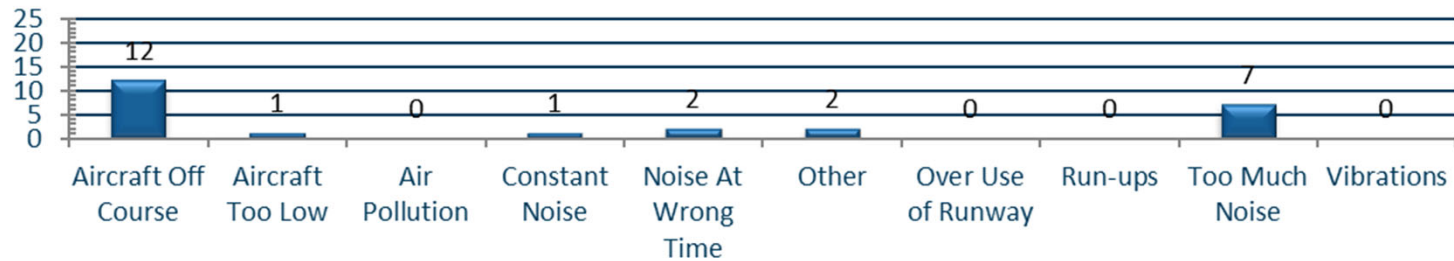




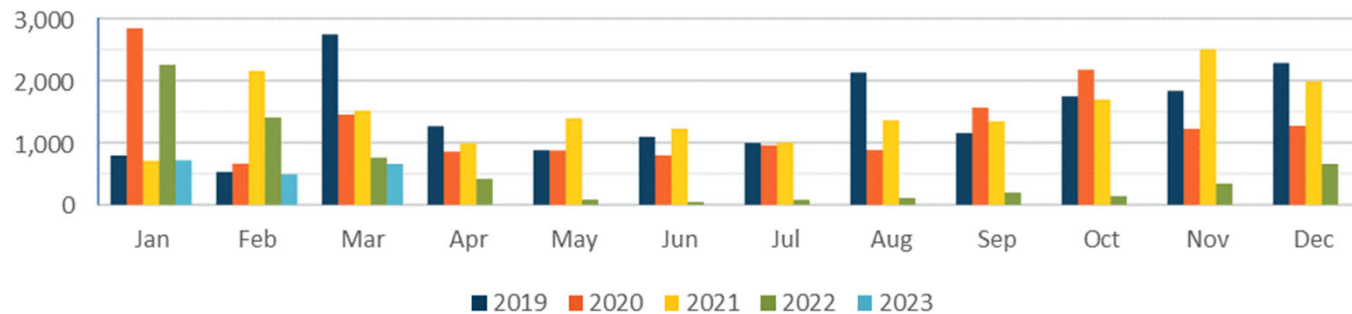
Total, New, and Individual Comments (SDF/LOU)



Comment Type (SDF and LOU)  
March 2023



Operations Per Complaint (SDF)



# NOISE COMMENT REPORT

## LOUISVILLE REGIONAL AIRPORT AUTHORITY



April 2023

# Comments (SDF/LOU)

## April 2023

Street	Zip Code	CNF Quad / 2021 DNL	Time Received	Time	Airport	Disturbance Type	Status	Operation or Comment Type <sup>1</sup>	Deviation Type <sup>2</sup>	Comments <sup>3</sup>	Number of Contacts
827 Clarks Ln	40217	NE (65+)	2023-04-03 12:01:00	2023-04-03 08:00:00	SDF	Other	Investigated	Standard	None	I am purchasing a house on Clarks Lane, which was a part of the previous window installation project. I was hoping to get information on who installed the windows and if there is any warranty information for these windows. Two of the windows in the house are broken and not functioning properly. I also noticed that the basement windows were not installed. I was hoping to get more information. I am moving from Perennial Drive, which was also a part of the program and I know that the basement windows were installed already when we purchased that house.	1
7419 York River RD	40214	SW (<60)	2023-04-05 05:51:00	2023-04-05 02:30:00	SDF	Aircraft Off Course	Investigated	Standard	None	This morning and yesterday morning at 2:30 a.m. the UPS planes taking off on the west runway are banking and turning to the WSW at a hard angle. This causes us here in Yorktown North to have over 70 dB in our bedrooms. I know you said complaining will not do any good. You have also told people to call. It is not getting any better. In fact, it is getting worse because it is getting earlier in the morning.	1
2236 Boulevard Napoleon	40205	NE (<60)	2023-04-06 05:26:00	2023-04-06 03:00:00	SDF	Constant Noise	Investigated	Non-Standard	Weather	Since around 3:00 a.m. the noise from the airport has been loud all morning. It is *not* raining, so don't you even think of coding this as weather related. Why are the planes causing this noise over our home?	1

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# Comments (SDF/LOU)

## April 2023

Street	Zip Code	CNF Quad / 2021 DNL	Time Received	Time	Airport	Disturbance Type	Status	Operation or Comment Type <sup>1</sup>	Deviation Type <sup>2</sup>	Comments <sup>3</sup>	Number of Contacts
975 Eastern Pkwy	40217	NE (<60)	2023-04-07 10:12:00	2023-04-07 10:12:00	SDF	Noise At Wrong Time	Investigated	Non-Standard	Weather	My home is in the direct flight path especially during inclement weather conditions. It is causing lots of noise.	1
7419 York River RD	40214	SW (<60)	2023-04-08 06:07:00	2023-04-08 02:30:00	SDF	Aircraft Off Course	Investigated	Standard	None	This morning the planes should have been taking off to the north. I am sure you got a lot of complaints from those people because these planes are banking even harder this morning. They are departing halfway up the runway and banking and turning WSW over top of our neighborhood. I have got readings of over 85 dB in our homes. How are we expected to sleep with over 85 dBs in the morning at 2:30 a.m. with planes taking off every two minutes. This has to stop. Nothing is going off the east runway at all and these planes are still banking and turning. Why can't they bank and turn over the dump and the Minors Lane area that has been bought out.	1
2537 Kings Hwy	40205	N/A	2023-04-10 12:14:00	2023-04-08 07:14:00	LOU	Too Much Noise	Investigated	Standard	None	On Saturday, April 8, 2023, at 7:14 a Cessna 560XL, (C56X) from Miami flew over Kings Highway. The plane was very large and very loud with unacceptable noise. The large plane was flying low at 376 feet, which seemed very unacceptable height for a plane this large and fast. If that plane had crashed it would have taken out a whole block of houses. This isn't acceptable for any residential area and needs to be addressed.	1

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# Comments (SDF/LOU)

## April 2023

Street	Zip Code	CNF Quad / 2021 DNL	Time Received	Time	Airport	Disturbance Type	Status	Operation or Comment Type <sup>1</sup>	Deviation Type <sup>2</sup>	Comments <sup>3</sup>	Number of Contacts
2646 Drayton Dr	40205	NA	2023-04-08 14:19:00	2023-04-08 14:19:00	LOU	Other	Investigated	Standard	None	Today, April 8, 2023, a jet just left Bowman Field and the jet fuel entered my house. There are many children and elderly in the flight path (including me and I do have my grandchild here every afternoon after daycare, (and sometimes the whole day if daycare is closed). The flight patterns over my house have increased recently, and with the Derby coming up will only get heavier. I hope that you will consider this request.	1
2828 Taylorsville Rd	40205	NA	2023-04-11 12:34:00	2023-04-11 09:29:00	LOU	Too Much Noise	Investigated	Standard	None	The airplanes fly over and over and over and over my house. The noise is very annoying. I would like to have soundproof windows and doors. I think this would help.	1
2828 Taylorsville Rd	40205	NA	2023-04-11 10:12:00	2023-04-11 10:12:00	LOU	Too Much Noise	Investigated	Standard	None	I want to complain about this airplane noise.	1
7419 York River RD	40214	SW (<60)	2023-04-12 05:39:00	2023-04-12 03:30:00	SDF	Aircraft Off Course	Investigated	Standard	None	Calling to complain about the noise from the UPS departures on the west runway at 3:30 a.m. Banking and turning WSW. It is over 70 and 80 dBs in the bedroom. Also, in the afternoon some days are worse than others. Same issues, UPS only banking and turning. You said they could not fly over Fort Knox. I have several pictures of UPS planes flying over Fort Knox. When I went on a tour of the tower a person, I used to work with said that also. So that is simply not true. It is an excuse.	1

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# Comments (SDF/LOU)

## April 2023

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977 Eastern Pkwy	40217	NE (<60)	2023-04-12 10:28:00	2023-04-12 10:28:00	SDF	Too Much Noise	Investigated	Standard	None	Some reason the noise has really gone up over the past few years. We have lived here for about 12 years. It looks like the airplanes are going straight over my house at night. In the daytime it looks like the planes are shifted more towards the west. On days when the weather is bad, I know I am in for a really rough night because the airplanes are going to go straight over me. The peak time seems to be 3:00 a.m. to 6:00 a.m. My windows rattle and I can't sleep because of the noise. I really hope that you reconsider the QuieterHome boundary.	1
7419 York River RD	40214	SW (<60)	2023-04-12 13:18:00	2023-04-12 13:18:00	SDF	Aircraft Off Course	Investigated	Standard	None	Sending data to prove that UPS does and can fly over Fort Knox when departing from the west runway going south.	1
2646 Drayton Dr	40205	NA	2023-04-13 09:10:00	2023-04-13 08:45:10	LOU	Other	Investigated	Standard	None	Yesterday, April 12, 2023, I spent the day at home with my grandchild, and counted over 40 airplanes flying over my house. I don't understand based on the case Causby vs. the United States, why I am not in the acquisition easement. The traffic of airplanes has increased steadily every day.	1
7419 York River RD	40214	SW (<60)	2023-04-18 05:57:00	2023-04-18 05:57:00	SDF	Aircraft Off Course	Investigated	Standard	None	Early this morning we had several planes takeoff and wake me up. They were banking and turning WSW off the west runway. They had a high rate of climb, and the engines were 100%. Over 70 dBs in my bedroom.	1

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# Comments (SDF/LOU)

## April 2023

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2242 Strathmoor Blvd	40205	N/A	2023-04-19 12:36:00	2023-04-18 21:00:00	LOU	Noise At Wrong Time	Investigated	Standard	None	I had to be up at 5:00 a.m. this morning and last night I was trying to go to sleep between 9-9:30 p.m. and a plane just kept flying in a circle over and over. Is there a particular time in the evening when that should stop so people can get some sleep? Was that something unusual or is that something that is going to be happening more often?	1
7419 York River RD	40214	SW (<60)	2023-04-20 05:44:00	2023-04-20 05:44:00	SDF	Aircraft Off Course	Investigated	Standard	None	It started about 3:30 a.m. this morning. Airplanes departing on the west runway banking ESE over our neighborhood. Over 70 dBs in the bedroom. Rattling windows and waking people up. Don't understand why it seems to be everyday now. I know they made a deal where they don't fly north unless it is weather related, but those homes have been protected. Give us a break every now and then. Our homes are closer to the runway than the homes you protected. It does not make sense.	1
601 W Woodlawn Ave	40215	SW (<60)	2023-04-21 12:44:00	2023-04-21 12:44:00	SDF	Aircraft Off Course	Investigated	Non-Standard	Ops	We just received a call from a constituent inquiring about the flight path and noise this morning. He stated it was not related to planes practicing for Thunder tomorrow. Is there an altered flight path today?	1
601 W Woodlawn Ave	40215	SW (<60)	2023-04-23 12:23:00	2023-04-23 12:23:00	SDF	Too Much Noise	Investigated	Non-Standard	Ops	Still loud over Beechmont today, Sunday 4/23.	1

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# Comments (SDF/LOU)

## April 2023

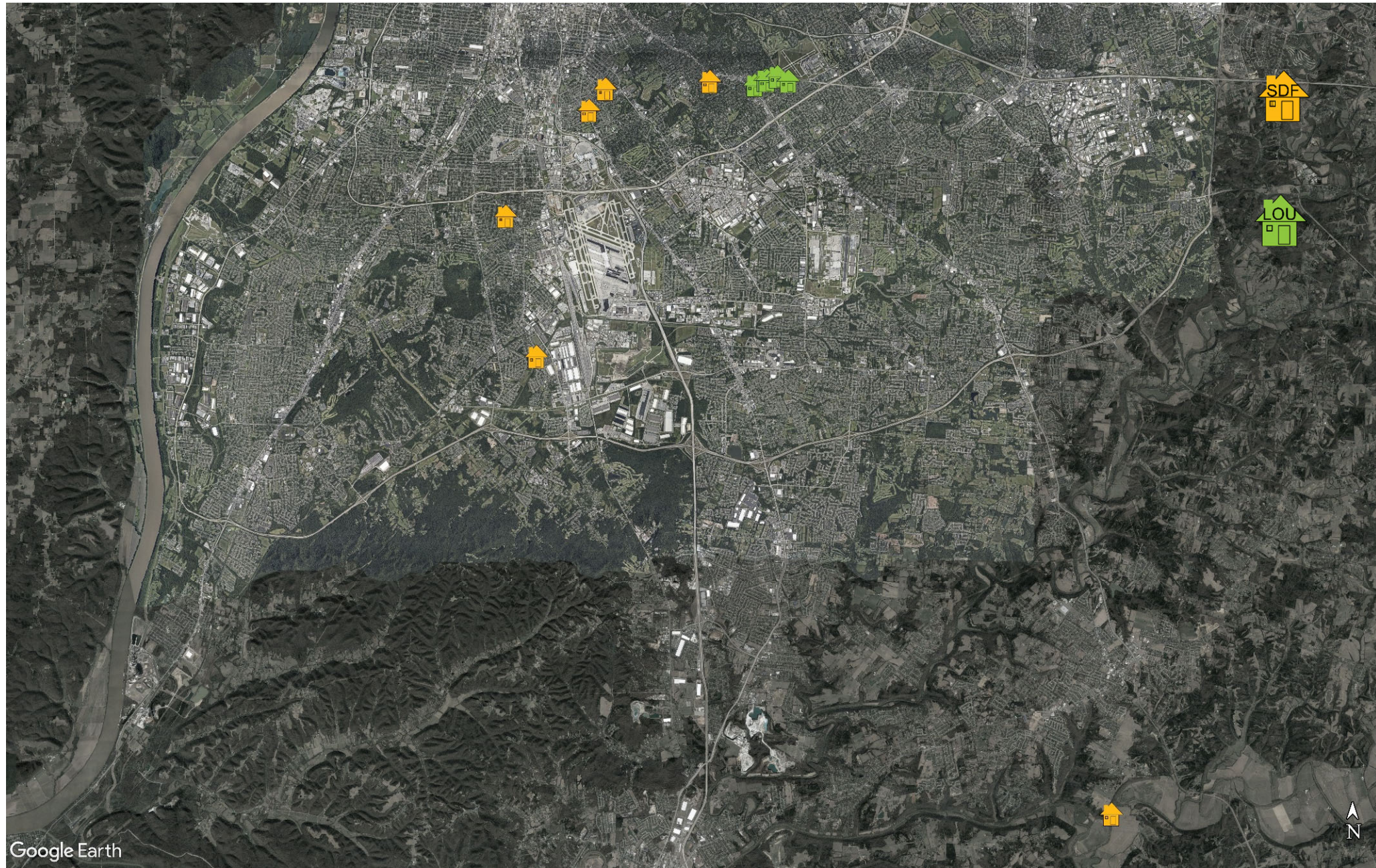
Street	Zip Code	CNF Quad / 2021 DNL	Time Received	Time	Airport	Disturbance Type	Status	Operation or Comment Type <sup>1</sup>	Deviation Type <sup>2</sup>	Comments <sup>3</sup>	Number of Contacts
2855 Greenwell Ford Rd	40047	SE (<60)	2023-04-27 09:53:00	2023-04-27 09:22:00	SDF	Aircraft Too Low	Investigated	Standard	None	Planes are flying over our home every minute. They look like UPS planes but, I am not sure if they are real aircraft or part of our neighbors RC club.	1
2549 Kings Hwy	40205	N/A	2023-04-27 16:20:00	2023-04-27 16:10:00	LOU	Other	Investigated	Non-Standard	Ops	Normally, we enjoy the airplanes. However, a little white plane just flew over that was spewing some kind of brown liquid. Can you tell me what that was? They better not be dumping fuel on our houses.	1
7419 York River RD	40214	SW (<60)	2023-04-28 05:35:00	2023-04-28 05:35:00	SDF	Aircraft Off Course	Investigated	Standard	None	Just got back from vacation and this morning west bound UPS are departing off the west runway banking and turning WSW. Over 70 dBs in the bedroom. My vacation is over as far as sleep goes.	1
									Received	LRAA	21

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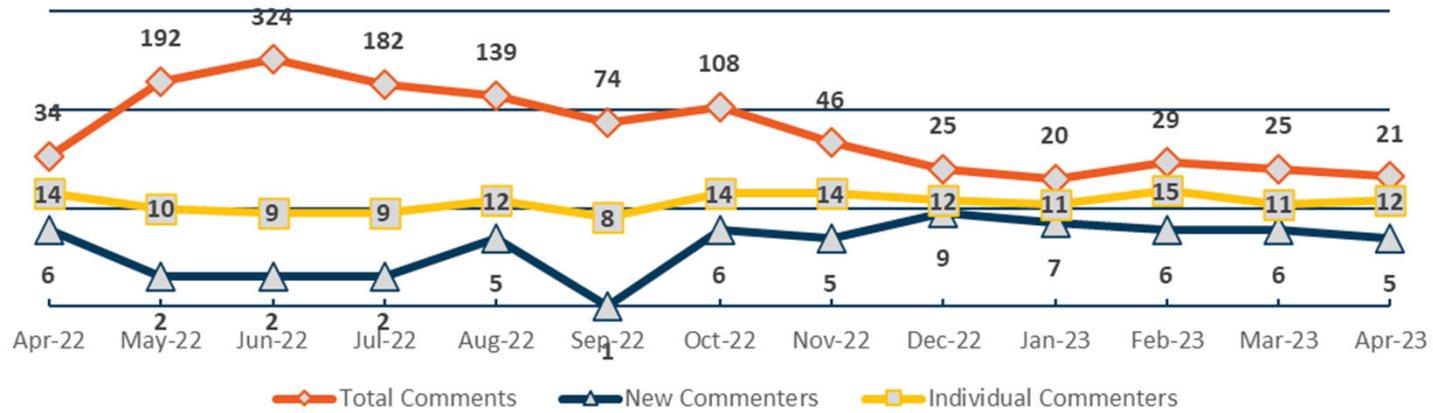
# Comment Location (SDF/LOU)

April 2023



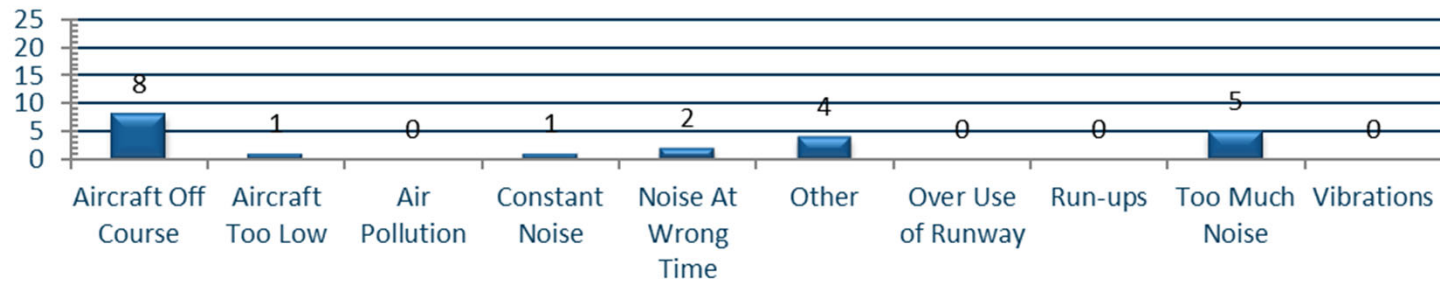


### Total, New, and Individual Comments (SDF/LOU)

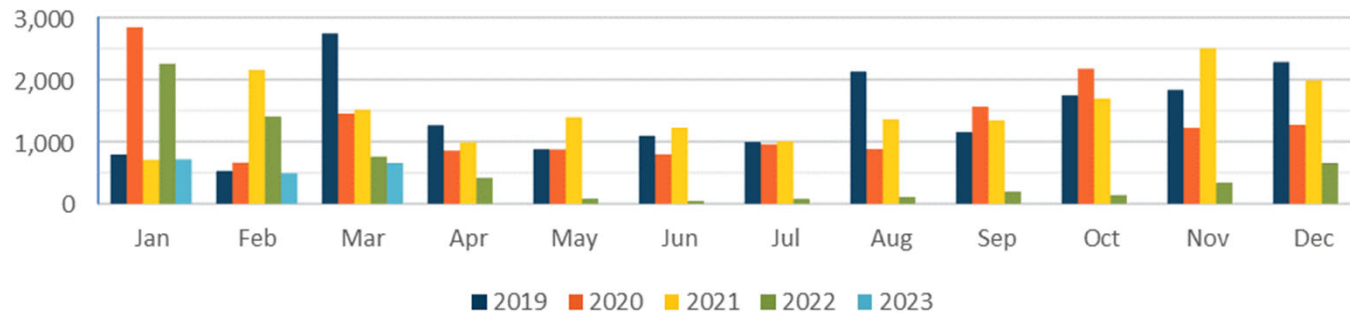


### Comment Type (SDF and LOU)

April 2023



### Operations Per Complaint (SDF)



# Daily Runway Use Uncorrected (SDF) March 2023

Flow	Time	Wed 3-1	Thu 3-2	Fri 3-3	Sat 3-4	Sun 3-5	Mon 3-6	Tue 3-7	Wed 3-8	Thu 3-9	Fri 3-10	Sat 3-11	Sun 3-12	Mon 3-13	Tue 3-14	Wed 3-15	Thu 3-16	Fri 3-17	Sat 3-18	Sun 3-19	Mon 3-20	Tue 3-21	Wed 3-22	Thu 3-23	Fri 3-24	Sat 3-25	Sun 3-26	Mon 3-27	Tue 3-28	Wed 3-29	Thu 3-30	Fri 3-31	Time
North Flow	0:00																																0:00
	0:30																																0:30
	1:00																																1:00
	1:30																																1:30
	2:00																																2:00
	2:30			X																													2:30
South Flow	3:00			X					X						X										X								3:00
	3:30								X	X																				X			3:30
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North Flow	9:00																																9:00
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South Flow	12:30																																12:30
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Preferred Flow

DATIS Reported Conditions Indicate Support for Non-Preferred Flow

DATIS Reported Conditions Do Not Indicate Support for Non-Preferred Flow

X Complaint

Source: Louisville International Airport  
Aircraft Flight Tracking and Noise Management System (AFTNMS)



# Daily Runway Use (SDF)

Tower Comments March 2023

Day	Date	Time	Comment
Wed	01-Mar-23	0000-0230	Wind @ 1000ft 180@25kt
Thu	02-Mar-23	1830-2130	Peak Wind 010@8kt
Fri	03-Mar-23	0900-1100	FCST Wind 120@20G30kt
Sat	04-Mar-23		
Sun	05-Mar-23	0900-1330	FCST Wind 160@09kt
Mon	06-Mar-23		
Tue	07-Mar-23		
Wed	08-Mar-23		
Thu	09-Mar-23		
Fri	10-Mar-23		
Sat	11-Mar-23		
Sun	12-Mar-23	0900-0930	Reason undertermined
Sun	12-Mar-23	2300-0000	Peak Wind 330@09kt
Mon	13-Mar-23	0000-0130	Peak Wind 310@10kt
Tue	14-Mar-23	2200-0000	R3704 Ft Knox Activity
Wed	15-Mar-23	0000-0230	R3704 Ft Knox Activity
Thu	16-Mar-23		
Fri	17-Mar-23		
Sat	18-Mar-23		
Sun	19-Mar-23		
Mon	20-Mar-23	1100-1230	Log reflects preferred North flow
Tue	21-Mar-23		
Wed	22-Mar-23		
Thu	23-Mar-23		
Fri	24-Mar-23		
Sat	25-Mar-23	2200-0000	R3704 Ft Knox Activity
Sun	26-Mar-23	0000-0500	R3704 Ft Knox Activity
Mon	27-Mar-23		
Tue	28-Mar-23		
Wed	29-Mar-23	2030-2130	Peak Wind 320@09kt
Thu	30-Mar-23		
Fri	31-Mar-23		

# Daily Runway Use Uncorrected (SDF) April 2023

		Sat 4-1	Sun 4-2	Mon 4-3	Tue 4-4	Wed 4-5	Thu 4-6	Fri 4-7	Sat 4-8	Sun 4-9	Mon 4-10	Tue 4-11	Wed 4-12	Thu 4-13	Fri 4-14	Sat 4-15	Sun 4-16	Mon 4-17	Tue 4-18	Wed 4-19	Thu 4-20	Fri 4-21	Sat 4-22	Sun 4-23	Mon 4-24	Tue 4-25	Wed 4-26	Thu 4-27	Fri 4-28	Sat 4-29	Sun 4-30	
Flow	Time																															Time
North Flow	0:00																														0:00	
	0:30																														0:30	
	1:00																														1:00	
	1:30																														1:30	
	2:00																														2:00	
	2:30																														2:30	
South Flow	3:00																														3:00	
	3:30																														3:30	
	4:00																														4:00	
	4:30																														4:30	
	5:00																														5:00	
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	7:00																														7:00	
	7:30																														7:30	
	8:00																														8:00	
8:30																														8:30		
North Flow	9:00																														9:00	
	9:30																														9:30	
	10:00																														10:00	
	10:30																														10:30	
	11:00																														11:00	
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	12:00																														12:00	
	12:30																														12:30	
	13:00																														13:00	
13:30																														13:30		
South Flow	14:00																														14:00	
	14:30																														14:30	
	15:00																														15:00	
	15:30																														15:30	
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21:00																														21:00		
21:30																														21:30		
North Flow	22:00																														22:00	
	22:30																														22:30	
	23:00																														23:00	
	23:30																														23:30	
Flow	Time	Sat 4-1	Sun 4-2	Mon 4-3	Tue 4-4	Wed 4-5	Thu 4-6	Fri 4-7	Sat 4-8	Sun 4-9	Mon 4-10	Tue 4-11	Wed 4-12	Thu 4-13	Fri 4-14	Sat 4-15	Sun 4-16	Mon 4-17	Tue 4-18	Wed 4-19	Thu 4-20	Fri 4-21	Sat 4-22	Sun 4-23	Mon 4-24	Tue 4-25	Wed 4-26	Thu 4-27	Fri 4-28	Sat 4-29	Sun 4-30	Time

Preferred Flow

DATIS Reported Conditions Indicate Support for Non-Preferred Flow

DATIS Reported Conditions Do Not Indicate Support for Non-Preferred Flow

X Complaint

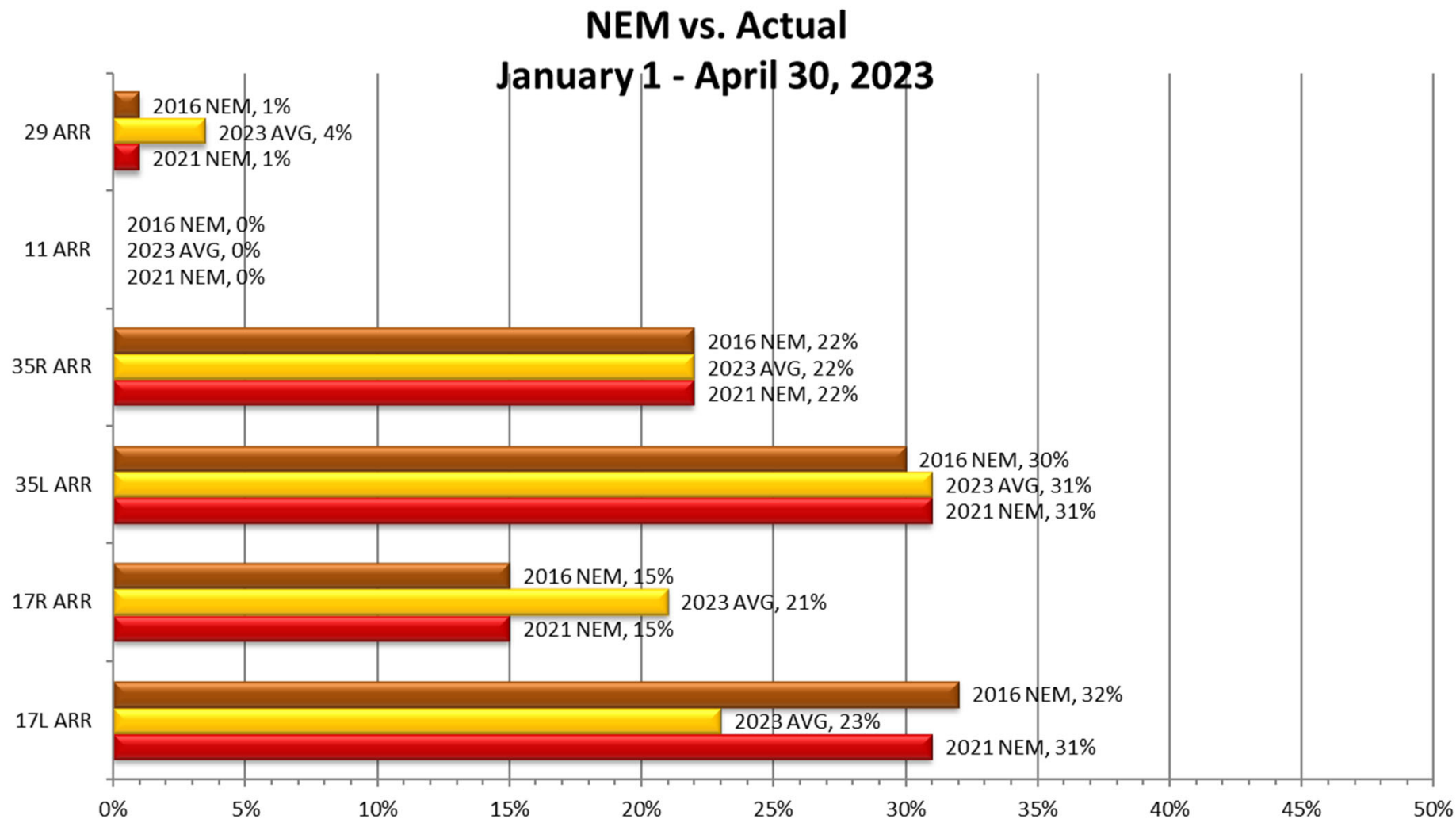
Source: Louisville International Airport  
Aircraft Flight Tracking and Noise Management System (AFTNMS)

# Daily Runway Use (SDF)

Tower Comments April 2023

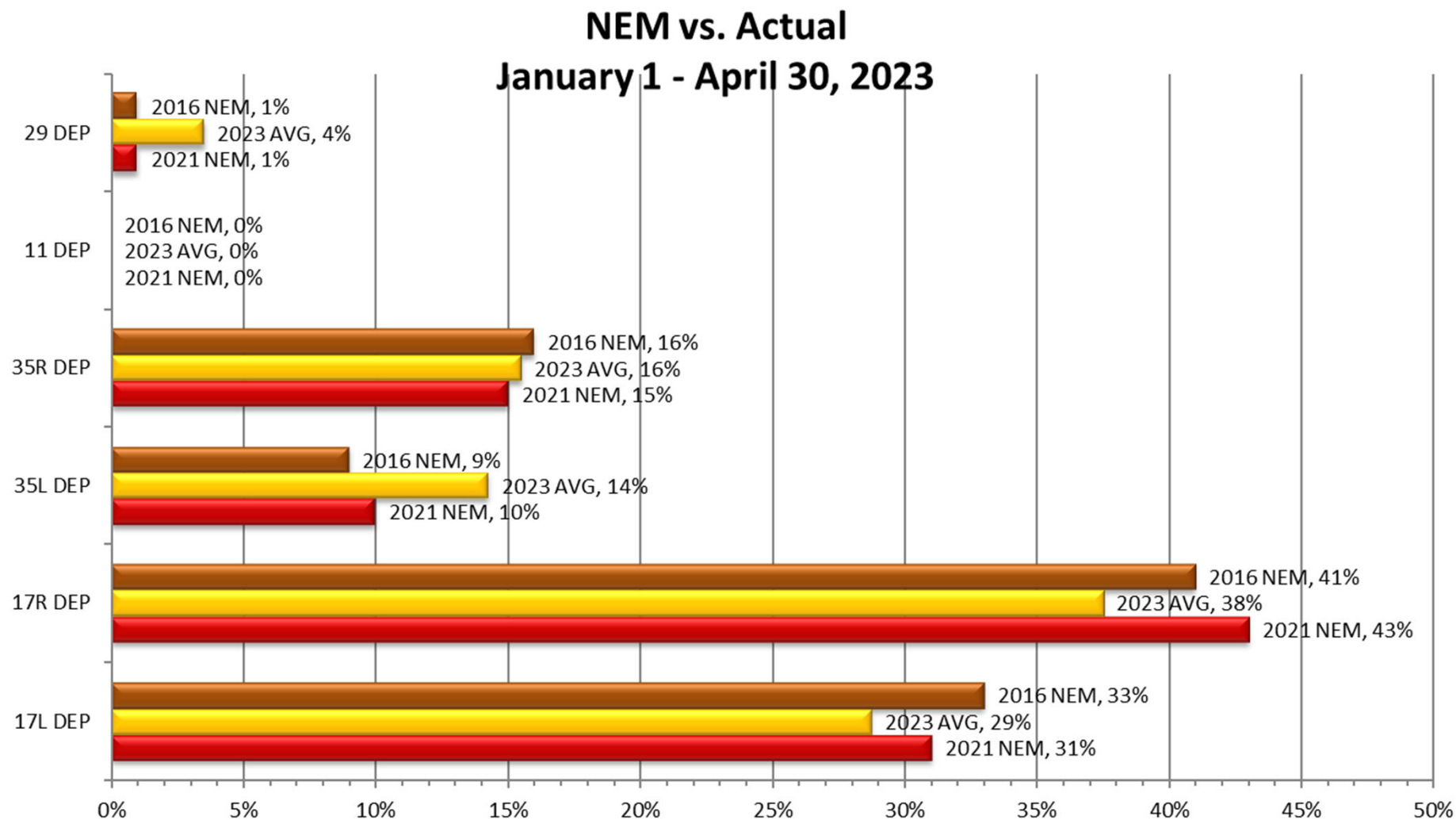
Day	Date	Time	Comment
Sat	01-Apr-23		
Sun	02-Apr-23	0230-0700	Wind 35008
Mon	03-Apr-23		
Tue	04-Apr-23		
Wed	05-Apr-23		
Thu	06-Apr-23	1400-2130	Remained north for weather in area
Fri	07-Apr-23		
Sat	08-Apr-23	1930-0000	Wind 04012G17
Sun	09-Apr-23	0000-0830	Reason undetermined
Mon	10-Apr-23		
Tue	11-Apr-23		
Wed	12-Apr-23		
Thu	13-Apr-23		
Fri	14-Apr-23		
Sat	15-Apr-23		
Sun	16-Apr-23		
Mon	17-Apr-23	2000-2130	Wind 28020G32
Tue	18-Apr-23		
Wed	19-Apr-23	0900-1030	Forecasted wind 20012
Thu	20-Apr-23		
Fri	21-Apr-23	0900-1430	Wind 21009
Sat	22-Apr-23	2330-0000	Reason undetermined
Sun	23-Apr-23	0000-0830	Reason undetermined
Sun	23-Apr-23	2030-0000	North flow documented
Mon	24-Apr-23	0000-0500	Reason undetermined
Mon	24-Apr-23	1830-2130	Wind 34009
Tue	25-Apr-23	1300-1330	Wind 17008G18
Wed	26-Apr-23		
Thu	27-Apr-23		
Fri	28-Apr-23	2030-2130	Wind 32012
Sat	29-Apr-23	0900-1130	Forecasted wind 22010
Sun	30-Apr-23		

# Runway Use (SDF Arrivals)



Source: Louisville International Airport  
Aircraft Flight Tracking and Noise Management System (AFTNMS)

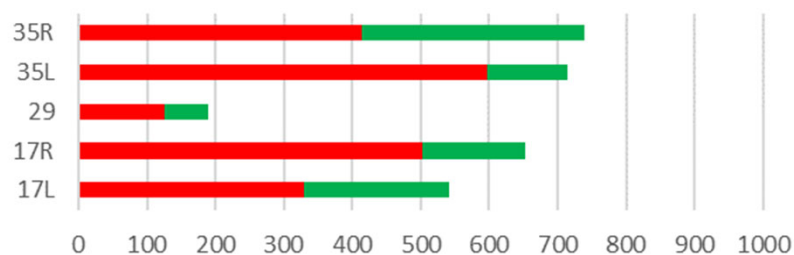
# Runway Use (SDF Departures)



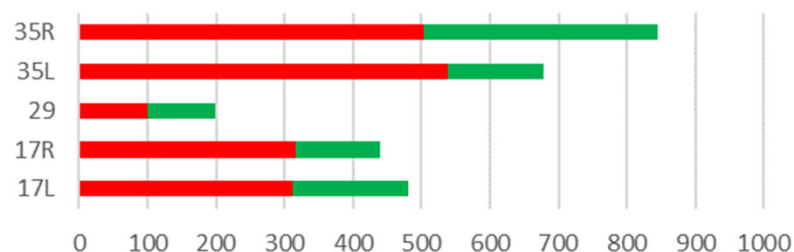
Source: Louisville International Airport  
Aircraft Flight Tracking and Noise Management System (AFTNMS)

# Runway Use 0900L-1400L<sub>(SDF)</sub>

## Runway

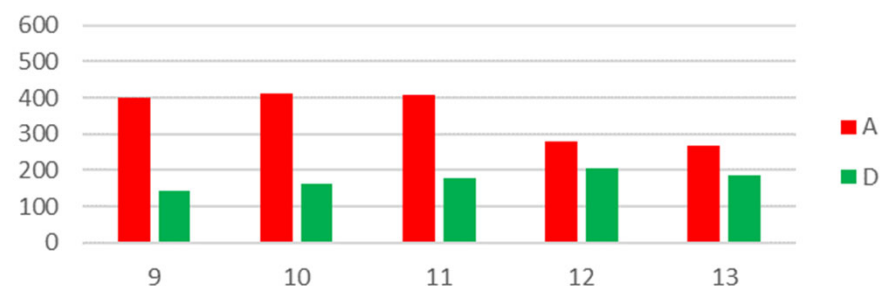
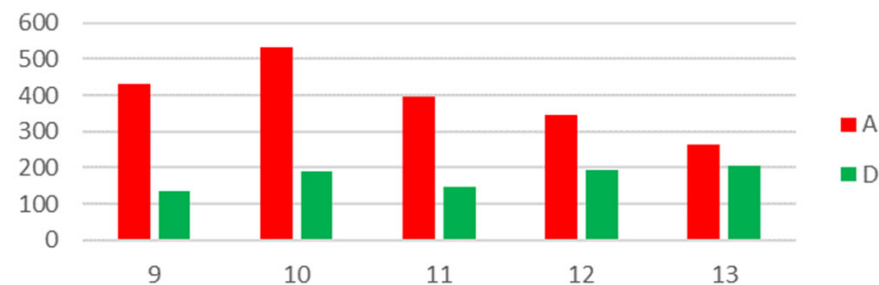


March 2023

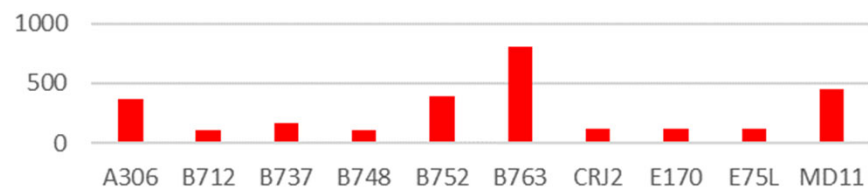


April 2023

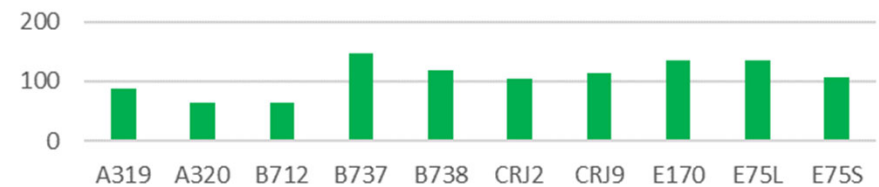
## Hour



## Top 10 Arrivals



## Top 10 Departures



# Gate Compliance by Runway

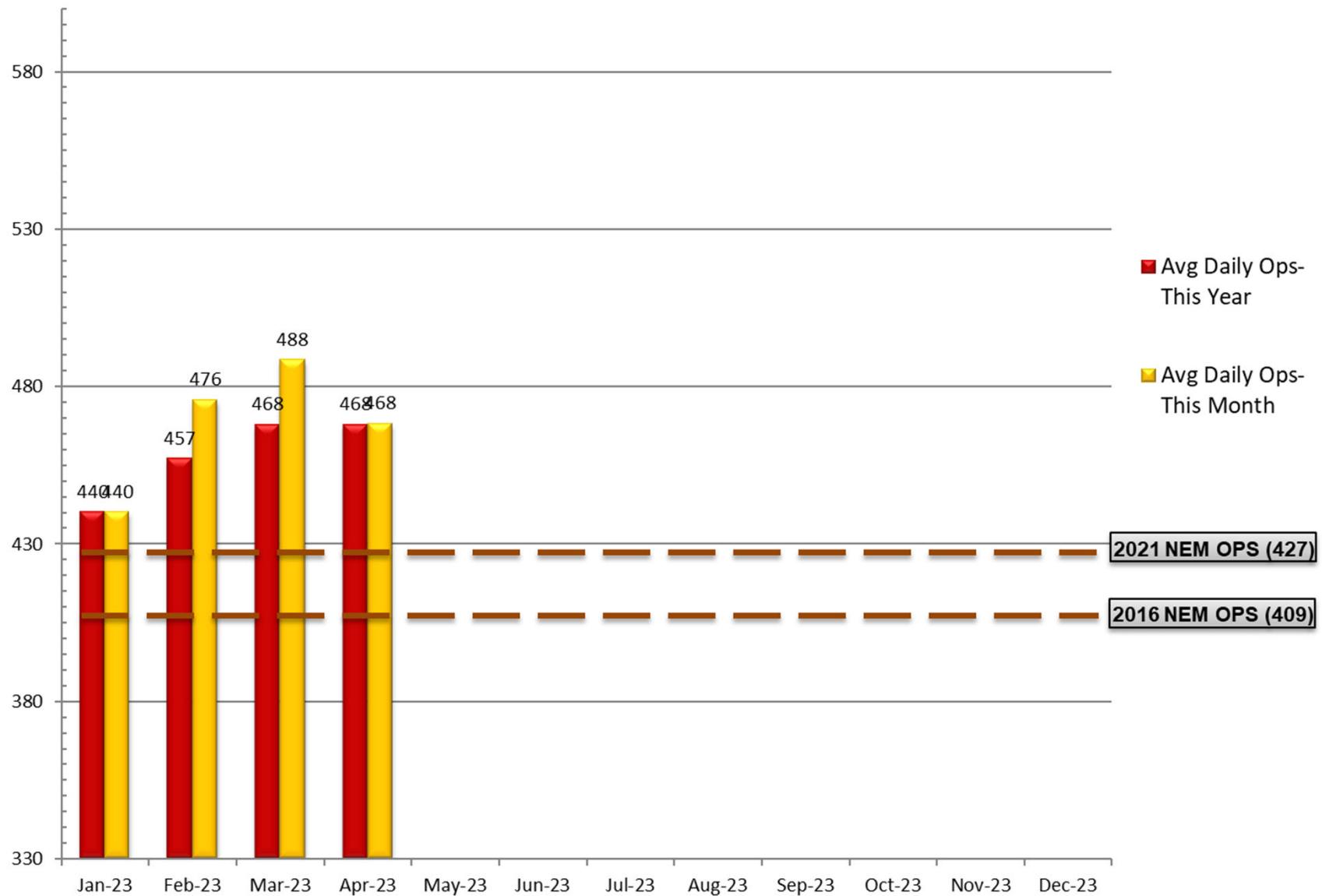
As of April 30, 2023

ARRIVALS Percent Compliant					Departure Percent Compliant					
Month	17L	17R	35L	35R	ARR AVG	17L	17R	35L	35R	DEP AVG
May-21	91%	95%	90%	89%	91%	83%	89%	69%	87%	82%
Jun-21	93%	96%	92%	91%	93%	80%	89%	67%	90%	82%
Jul-21	90%	94%	92%	91%	92%	82%	87%	76%	88%	83%
Aug-21	92%	95%	92%	93%	93%	82%	90%	71%	89%	83%
Sep-21	92%	93%	91%	94%	93%	79%	90%	67%	86%	81%
Oct-21	92%	95%	92%	91%	93%	78%	88%	66%	85%	79%
Nov-21	90%	94%	91%	90%	91%	74%	90%	73%	86%	81%
Dec-21	92%	97%	93%	90%	93%	68%	88%	69%	80%	76%
Jan-22	90%	96%	93%	91%	93%	74%	90%	74%	87%	81%
Feb-22	91%	96%	93%	90%	93%	64%	89%	71%	81%	76%
Mar-22	91%	96%	93%	91%	93%	72%	88%	74%	84%	80%
Apr-22	94%	95%	92%	91%	93%	75%	90%	68%	73%	77%
May-22	93%	95%	93%	93%	94%	75%	86%	74%	83%	80%
Jun-22	92%	92%	90%	91%	91%	78%	91%	68%	85%	81%
Jul-22	94%	95%	93%	94%	94%	77%	88%	66%	88%	80%
Aug-22	93%	93%	94%	94%	94%	81%	88%	70%	89%	82%
Sep-22	93%	93%	92%	93%	93%	88%	91%	71%	87%	84%
Oct-22	93%	95%	93%	92%	93%	80%	90%	68%	87%	81%
Nov-22	93%	96%	94%	92%	94%	83%	90%	73%	84%	83%
Dec-22	95%	96%	94%	93%	95%	73%	89%	74%	84%	80%
Jan-23	95%	97%	95%	94%	95%	70%	88%	65%	86%	77%
Feb-23	92%	95%	94%	92%	93%	69%	83%	64%	80%	74%
Mar-23	95%	96%	93%	93%	94%	69%	83%	68%	82%	76%
Apr-23	94%	95%	92%	92%	93%	77%	86%	70%	85%	80%
24 Month Avg.					93%					80%

Source: Louisville International Airport  
Aircraft Flight Tracking and Noise Management System (AFTNMS)

# Operations (SDF)

As of April 30, 2023



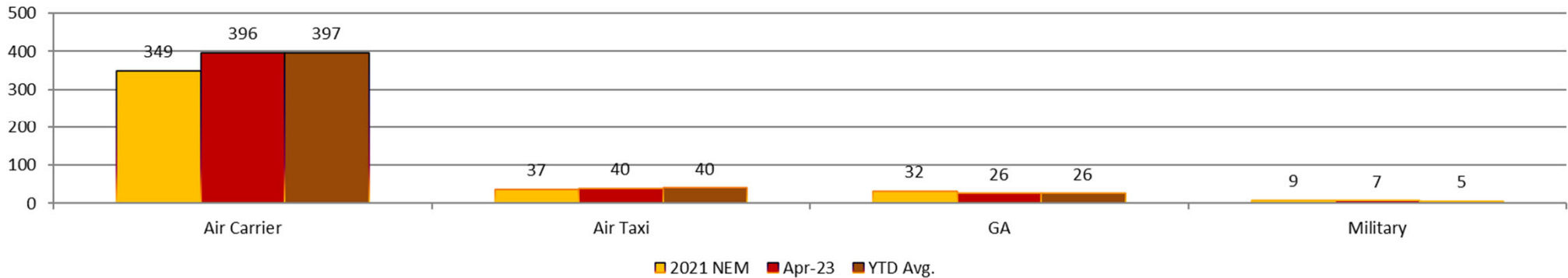
Source: Louisville <http://www.flylouisville.com/regional-airport-authority/reports-and-statistics/>



# Operations and Landings (SDF)

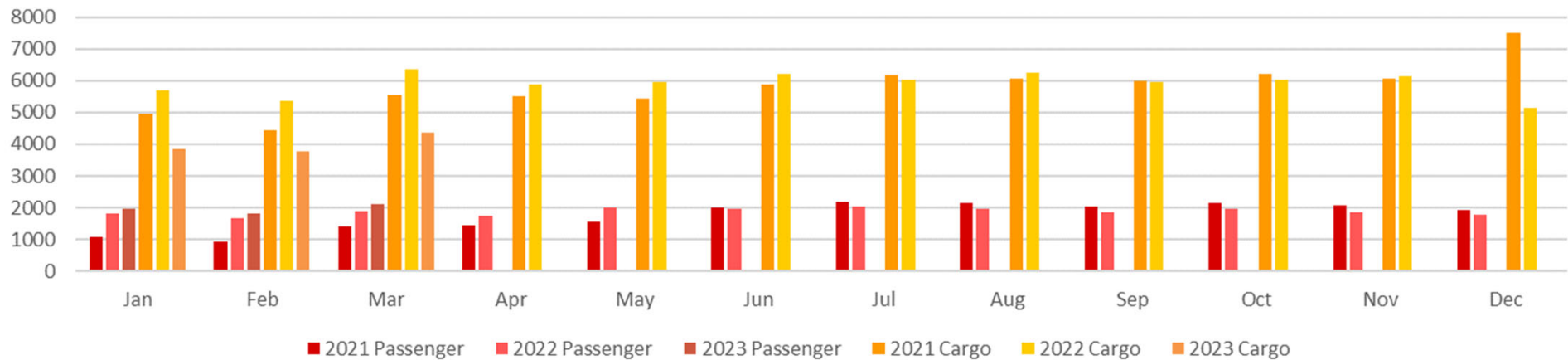
As of April 2023

Average Day Operations by Category

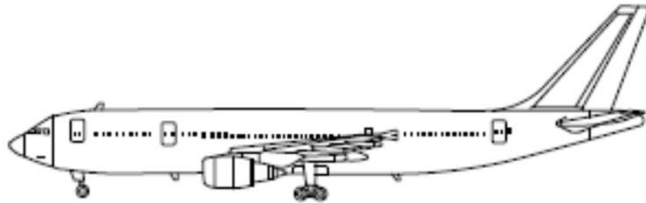


- **Air Carrier.** (AC) Aircraft with seating capacity of more than 60 seats or a maximum payload capacity of more than 18,000 pounds, carrying passengers or cargo for hire or compensation. This includes US and foreign-flagged carriers.
- **Air Taxi.** (AT) Aircraft designed to have a maximum seating capacity of 60 seats or less or a maximum payload capacity of 18,000 pounds or less, carrying passengers or cargo for hire or compensation.
- **General Aviation.** (GA) Takeoffs and landings of all civil aircraft, except for air carriers or air taxis.
- **Military.** (MIL) Operations by all classes of military takeoffs and landings at FAA and FTC facilities.

MONTHLY LANDINGS



# Sample Aircraft Types (SDF)



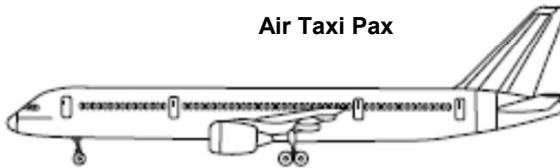
**A300**  
Air Carrier Cargo



**B767**  
Air Carrier Cargo



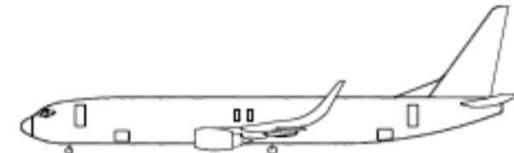
**E135/45**  
Air Taxi Pax



**B757**  
Air Carrier Cargo



**MD11**  
Air Carrier Cargo



**B737**  
Air Carrier Pax



**CRJ2**  
Air Taxi Pax



**E170**  
Air Carrier Pax



**MD80**  
Air Carrier Pax



**CRJ9**  
Air Carrier Pax