

**Community Noise Forum**  
**Monday, November 25, 2024**  
**Agenda**

- I. Call to Order: 6:00 PM
  
- II. Approval of September 23, 2024 Meeting Notes
  
- III. LRAA Board Member Report
  
- IV. CNF Charter Review
  
- V. Active Noise Cancellation Update
  
- VI. Southwest Quadrant Working Group
  
- VII. Noise Exposure Map Update
  
- 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: January 27, 2025
  
- XIII. Adjournment

**COMMUNITY NOISE FORUM (CNF)**  
**Monday, September 23, 2024**

**Members**

Mary Rose Evans, ANA  
John Sistarenik, LRAA Board  
Tom Foote, Airline Affairs  
Jeff Kozak, UPS

Bob Slattery, LRAA  
Brian Sinnwell, LRAA  
Doug Black, Southwest  
Rebecca Katz, Metro Louisville

**Guests**

Edward Mansfield, Merriweather  
Dennis Scheid, QHP  
Adam Thomas, Self

Jillian Hilton, FAA  
Wendy Harrower, QHP  
Rose Nett, Old Louisville

- I. **Call to order:** The meeting was called to order at 6:00 p.m. by Mary Rose Evans.
- II. **Approval of the January 22, 2024, March 25, 2024, and June 3, and July 22, 2024 Minutes:** The meeting notes for January, March, June and July were approved with no changes.
- III. **LRAA Board Member Report:** John Sistarenik reported on items of interest from the September 18, 2024, LRAA Board meeting. A sound insulation project for 31 additional families in the QuieterHome Program was approved. A total of 764 families have been completed to date. As of April 2018, a total of 423 homes have been built in phases 1 and 2 in Heritage Creek. Phase 3 consists of 52.05 acres which is substantially undeveloped and was sold by the Authority to JTWT LLC a private developer who will develop the property as a subdivision.
- IV. **Active Noise Cancellation Grant Update:** – An off-site full system test is scheduled for late September in Virginia. On site system testing at SDF is currently scheduled for late October or early November.
- V. **Airspace Project Update:** The updated procedures were implemented at 5:00 a.m. on July 11. Jeff Kozak reported that everything was going extremely well, and arrivals and departures are more efficient than they were previously. The departures out of Louisville have never been more uniform than they are now.
- VI. **Southwest Quadrant Working Group:** No Report.

VII. **Noise Exposure Map Update:** Bob gave a presentation of the draft noise contours and modeling inputs. A notice will be sent to the group at the start of the public comment period once the FAA has reviewed the preliminary draft and the dates are firmed up.

VIII. **Part 150 NCP:**

A. **Noise Insulation Program: Residential:** 764 have received sound insulation as of August 1, 2024. Construction for an additional 30 families began in August.

B. **Contraflow Exceptions:** Contraflow for July and August is listed in the handout.

IX. **Current Noise Concerns:**

A. **Report on Noise Concerns/Complaints:** Comment locations and summary for July and August are contained in the handout.

B. **Runway Utilization:** Runway utilization and tower comments for July and August are contained in the handout.

C. **Construction and Maintenance Activity:** Brian Sinnwell reported that there is a lot of construction activity at the airport. There will be several closures between now and the beginning of peak season.

X. **Guest Comments:** Adam Thomas asked if we have heard anything from the tower regarding the times they switch flows in the mornings and afternoons. Bob reported he has not heard any specifics regarding the times for switching flow.

XI. **Announcements:** Mary Rose introduced Rebecca Katz who has been appointed as the CNF representative for Louisville Metro Government. John Sistarenik said that he had spoken with airport Public Relations about making it easier to navigate the noise compatibility pages on flylouisville.com. Bob Slattery gave a brief demonstration on how to access the updated flight tracking system on the website and submit a noise comment through the tracking application. An extensive discussion followed regarding the data available in the flight tracking system and how it compares to other systems such as Flight Radar 24.

XII. **Next Meeting:** November 25, 2024

XIII. **Adjournment:** A motion was made to adjourn the meeting at 7:33 p.m.



COMMUNITY NOISE FORUM  
LOUISVILLE, KENTUCKY

*adopted March 7, 2003; amended Jun 7, 2004, and Nov 28, 2011*

## Charter

The Community Noise Forum is constituted as an initiative of the Regional Airport Authority of Metropolitan Louisville and Jefferson County (LRAA), as part of its Noise Compatibility Program compiled under Part 150, Federal Aviation Regulations. The Forum shall be responsible for monitoring the implementation of the Noise Compatibility Program, by assessing the effectiveness of its component measures; formulating proposed changes and refinements; and collecting necessary knowledge and materials to facilitate future Program updates.

The Forum shall prepare an annual report for presentation to the LRAA Board.

The Forum incorporates representation from all components of the airport community: airlines, other aircraft operators, businesses, sensitive facilities, residents, management, and government. In order to provide for stable structure and participation, the Forum shall consist of designated or specified representatives of:

- LRAA Board: member appointed under KRS 183.132(6)(d)
- LRAA management
- Louisville Air Traffic Control staff
- Louisville Airport Affairs Committee
- Kentucky Air National Guard
- United Parcel Service
- General aviation community at SDF
- University of Louisville
- Louisville Metro Government
- Southern Indiana communities
- Airport Neighbors' Alliance (ANA)
- General citizenry of each quadrant bounding the airport, as defined by the axis of I-264 adjacent to the airport, and a line between, and parallel to, the airport's parallel runways

The LRAA Noise and Environmental Programs Coordinator shall be considered a Forum resource and shall be a non-voting member.

Chief executives of each of the organizations and entities listed shall be responsible for designating their representatives to the Forum if not otherwise specified. The Chief Executive of the FBO shall designate a general aviation representative. The Governor of Indiana shall be invited to appoint a representative for affected communities of southern Indiana. In the cases of the general citizenry, which represent the concerns of specified airport neighbors, seats shall be filled by the Airport Neighbors' Alliance (ANA), based on an open nominating and election process. Candidates need not be members of ANA.

Community Noise Forum  
March 7, 2003

The Forum shall elect a Chair and a Vice Chair, and establish such other offices as it deems appropriate to facilitate its operation. Officers shall serve terms of one year, and may be reelected if otherwise qualified. The Chair shall work with the LRAA staff to prepare meeting agendas; preside over meetings; and review and endorse meeting notes for the Forum's approval. The Chair shall also oversee the recording and forwarding of any formal decision or recommendation adopted at a Forum meeting.

The Forum shall ordinarily meet bimonthly, beginning in January each year, at the offices of the LRAA or another agreed location, with a regular agenda reflecting the main elements of the Noise Compatibility Program. A majority of the appointed members of the Forum shall constitute a quorum for the purpose of conducting meetings, though formal action may be taken only by consensus of the Forum's members, as stipulated below. Special meetings may be called by the Chair or by any four Forum members, provided that all members are notified at least three (3) days prior of the time, place and purpose of the meeting, and that the meeting addresses only the stated purpose. All meetings shall be considered public meetings within the meaning of KRS 61.805.

The Forum may from time to time establish such working groups as it finds necessary to advance its agenda. Such working groups may include participants who are not Forum members if required, but shall report findings and recommendations in their designated areas for discussion and endorsement by the Forum. Chairs of such working groups shall be selected by, and serve at the pleasure of, their members.

Working groups shall report data, evaluations and findings to the Forum as they emerge on individual issues, respond to inquiries, and assist as needed in making presentations. The Forum shall record recommendations it adopts, and assist in moving them forward for consideration in compiling future updates of the Noise Compatibility Program.

Reasonable administrative support for the Forum's work program shall be provided by the staff of the LRAA, and coordinated by the Chair and the staff. Support may include publication and distribution of meeting notices and agendas, taking meeting notes, reproduction of discussion materials, documentation of decisions and recommendations, public affairs liaison, and such related tasks as the chair may identify. Meeting notes shall capture comments, questions, and decisions made by the Forum. Notes shall also be taken by designated members of the meetings of working groups, for distribution, after review and approval, to the Forum.

Funding support for programs proposed by the Forum shall be addressed in the regular budgetary process of the LRAA. Members of the Forum shall serve without compensation.

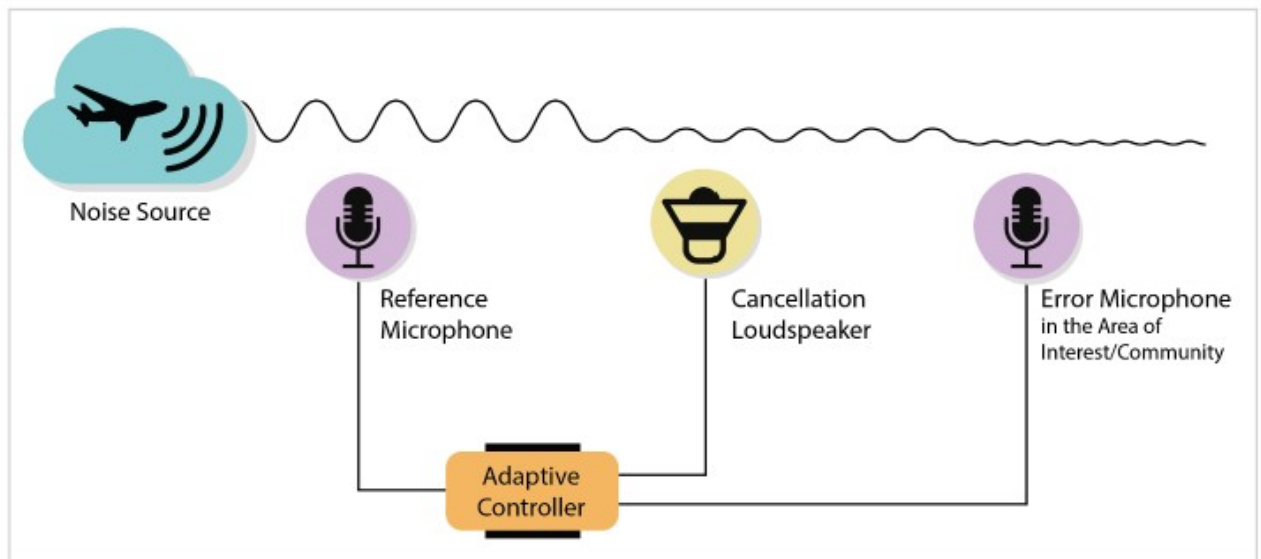
The Forum shall take its decisions by consensus. Issues on which consensus is not achieved in the Forum may be referred to working groups for further study. In cases where the chair determines that efforts to attain consensus are exhausted, findings shall be compiled and recorded with full representation of dissenting views.

Business of the Forum shall otherwise be conducted informally, with procedural questions resolved by reference to the Modern Rules of Order. Recurrent or systemic issues shall be catalogued for further study and recommendations by reference to this Charter. The Charter may be amended by decision of the Forum.

# Active Noise Control

## Project Overview

This project includes the design, installation, optimization, and maintenance of an active noise control system to help reduce noise in the adjacent communities exposed to aircraft noise from the start-of-takeoff roll on departure at Louisville Muhammad Ali International Airport (SDF). System setup and shakedown, tests of ANC system performance were successfully executed outdoors over 4 hours of the afternoon of September 25, 2024, near the National Institute of Aerospace's facility in Hampton, Virginia. Currently reviewing test results and potential software improvements. On-site testing at SDF planned for late December or early 2025.



# Residential Sound Insulation

## Program Overview

QuieterHome Program began in 2008

Funding is 90% FAA, with the remaining 10% from the Airport Authority

542 families completed by 2015 along Preston Hwy corridor

549 additional families potentially eligible as of 2021 in new program area, northeast of SDF

**793 Families completed as of November 1, 2024**

## New program Area Status

**Package 6 - 34 Families**

Began: December 2023

**Completed:** April 2024

**Package 7 - 30**

Began: May 2024

**Completed:** July 2024

**Package 8 - 29** (March 2024 Board)

Began: August 2024

**Completed:** October 2024

**Package 9 - 31** (September 2024 Board)

Began: February 2025 (est)

**Completed:** April 2025 (est)



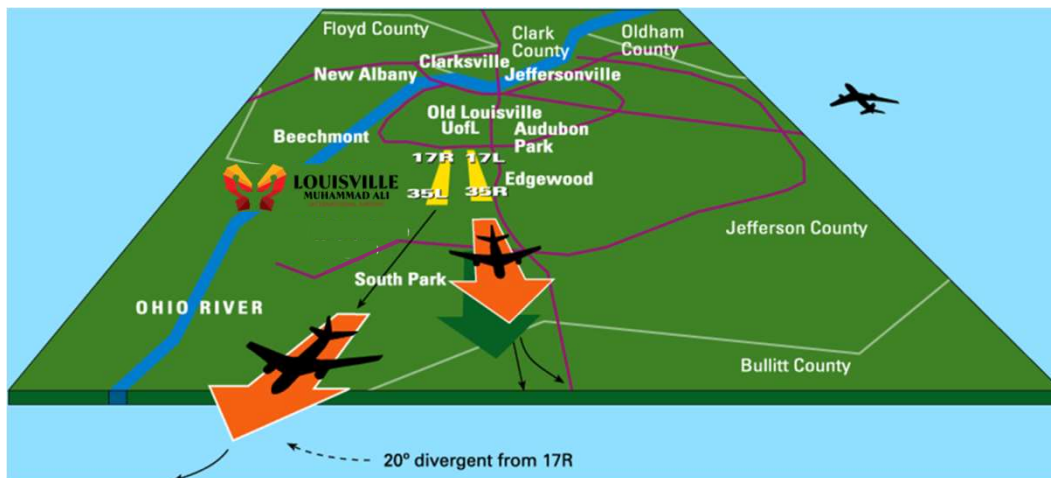
# CONTRAFLOW

Between the hours of 10:00 p.m. and 7:00 a.m., the Airport operates from the south and to the south (contraflow) whenever wind, weather, and demand allow. Contraflow procedures require aircraft to arrive on Runways 35R and 35L and depart on Runways 17R and 17L in order to direct aircraft operations south of the Airport over areas which are less densely populated than areas north of the Airport.

Inbound



Outbound

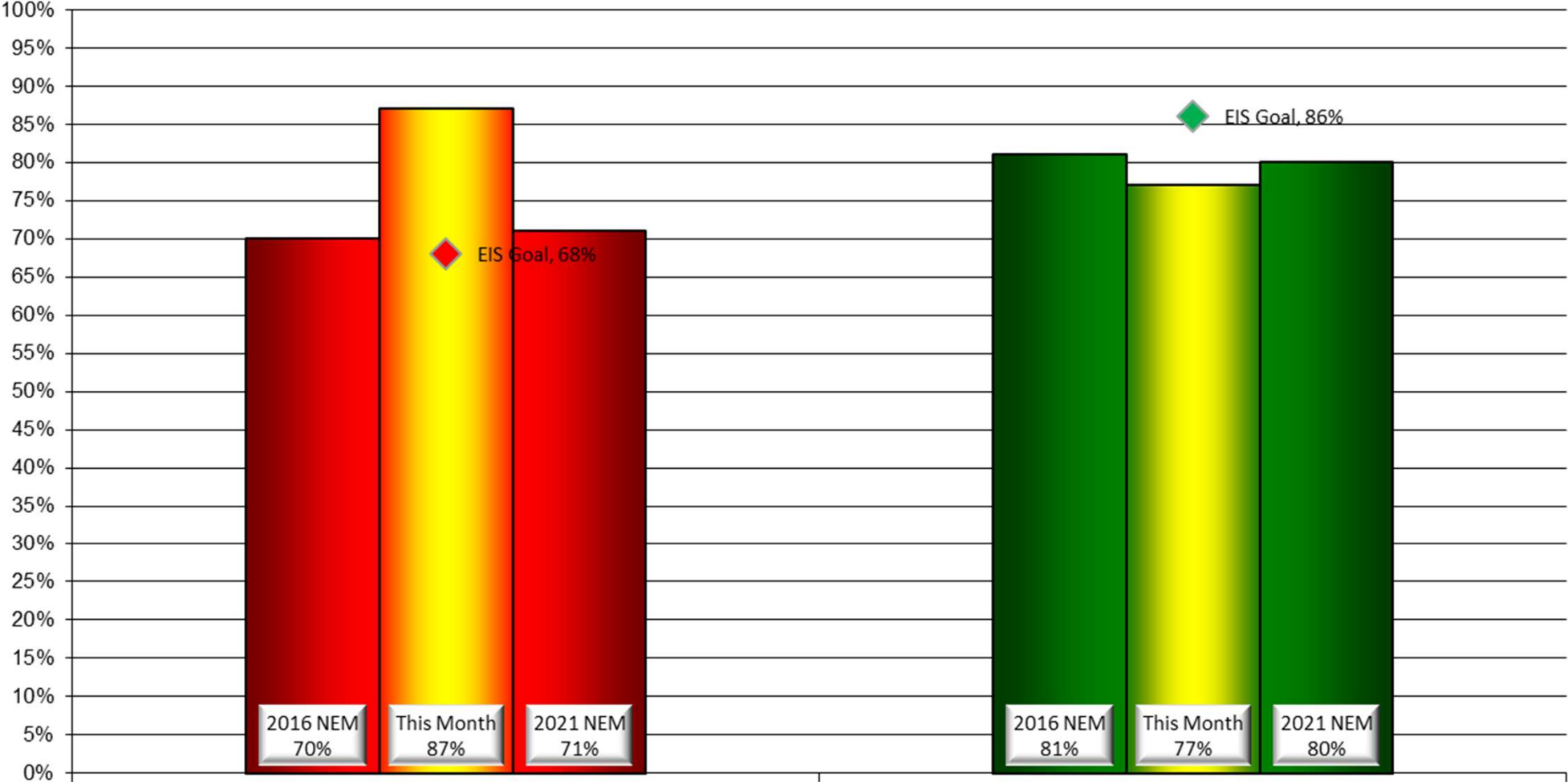




# Monthly Contraflow September 1-30, 2024

### Arrivals From South

### Departures to South



# Nightly Runway Use Summary – September 2024

(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 compliance	Runway #						Unknown Runway Use	Notes / Comments	** in compliance	Runway #						Unknown Runway Use	Notes / Comments				
			11	17L	17R	29	35L	35R				11	17L	17R	29	35L	35R						
09/01/24	Sun																						
09/02/24	Mon	100%						72	28	0							68	32	0				050-060@8-12g19
09/03/24	Tue	98%			1	1		58	40	0				36	53		7	4	0				
09/04/24	Wed	96%			1	3		56	40	0				40	51		3	6	0				
09/05/24	Thu	96%			1	3		60	36	0				38	52		7	3	0				
09/06/24	Fri	100%						64	36	0							58	42	0				360-010@8-10
09/07/24	Sat																						
09/08/24	Sun																						
09/09/24	Mon	95%			2	3		54	41	0				37	53		7	3	0				
09/10/24	Tue	94%			1	5		53	41	0				34	55		8	3	0				
09/11/24	Wed	96%			1	3		54	42	0				33	55		8	4	0				
09/12/24	Thu	0%			41	59				0				44	56				0				100-120@6-9
09/13/24	Fri	95%			1	4		59	36	0				39	55		3	3	0				
09/14/24	Sat																						
09/15/24	Sun																						
09/16/24	Mon	99%				1		60	39	0				33	55		8	4	0				
09/17/24	Tue	93%			2	5		56	37	0				36	53		6	5	0				
09/18/24	Wed	95%			1	4		53	42	0				31	57		9	3	0				
09/19/24	Thu	98%			1	1		56	42	0				37	52		7	4	0				
09/20/24	Fri	97%			1	2		64	33	0				34	56		4	6	0				
09/21/24	Sat																						
09/22/24	Sun																						
09/23/24	Mon	98%				2		56	42	0				37	46		11	6	0				
09/24/24	Tue	89%			3	8		52	37	0				40	50		7	3	0				
09/25/24	Wed	96%			1	3		51	45	0				37	51		7	5	0				
09/26/24	Thu	100%						58	42	0							61	39	0				040-060@10-12.g21.ra
09/27/24	Fri	0%			35	65				0				39	61				0				100-110@13-19.ra
09/28/24	Sat																						
09/29/24	Sun																						
09/30/24	Mon	98%			1	1		59	39	0				33	58		8	1	0				

Preferred Flow

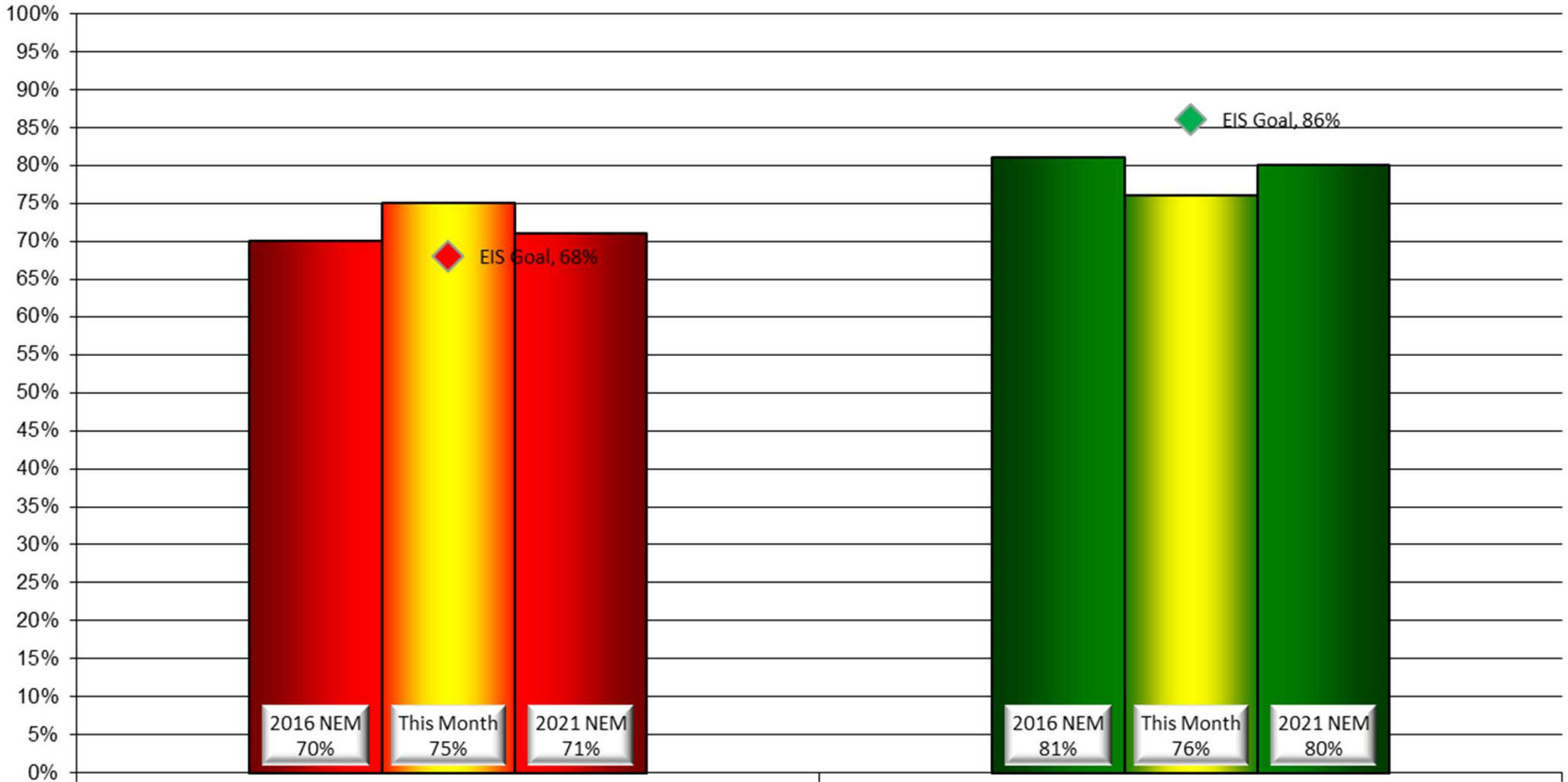
DATIS Reported Conditions Indicate Support for Non-Preferred Flow

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

## Monthly Contraflow October 1-31, 2024

### Arrivals From South

### Departures to South



# Nightly Runway Use Summary – October 2024

(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 compliance	Runway #						Unknown Runway Use	Notes / Comments	** in compliance	Runway #						Unknown Runway Use	Notes / Comments		
			11	17L	17R	29	35L	35R				11	17L	17R	29	35L	35R				
10/01/24	Tue	100%						58	42	0		0%						60	40	0	350-360@9-12
10/02/24	Wed	91%			2	7		53	38	0		89%		36	53			8	3	0	
10/03/24	Thu	95%			2	3		56	39	0		89%		34	55			7	4	0	
10/04/24	Fri	96%				4		57	39	0		94%		40	54			3	3	0	
10/05/24	Sat																				
10/06/24	Sun																				
10/07/24	Mon	98%				2		61	37	0		91%		31	60			5	4	0	
10/08/24	Tue	96%				4		55	41	0		89%		36	53			6	5	0	
10/09/24	Wed	96%			1	3		53	43	0		88%		34	54			10	2	0	
10/10/24	Thu	96%			1	3		56	40	0		86%	1	35	51			6	6	1	
10/11/24	Fri	96%			1	3		60	36	0		93%		38	55			3	4	0	
10/12/24	Sat																				
10/13/24	Sun																				
10/14/24	Mon	98%			1	1		57	41	0		87%	1	33	54			9	3	0	
10/15/24	Tue	100%						60	40	0		0%						59	41	0	280-360@0-8
10/16/24	Wed	96%			1	3		60	36	0		85%	1	35	50			9	5	0	
10/17/24	Thu	97%			1	2		58	39	0		88%		33	55			8	4	0	
10/18/24	Fri	96%			2	2		61	35	0		94%		38	56			3	3	0	
10/19/24	Sat																				
10/20/24	Sun																				
10/21/24	Mon	0%			43	57				0	120@0-4	100%		40	60					0	
10/22/24	Tue	0%			40	60				0	140-180@5-7	100%		38	62					0	
10/23/24	Wed	92%			2	6		57	35	0		90%		36	54			8	2	0	
10/24/24	Thu	95%			1	4		56	39	0		89%		33	56			7	4	0	
10/25/24	Fri	98%			2			60	38	0		1%		1				63	36	0	360-020@6-9
10/26/24	Sat																				
10/27/24	Sun																				
10/28/24	Mon	0%			42	58				0	130-170@7-9	100%		37	63					0	
10/29/24	Tue	0%			39	61				0	170-180@6-10	99%		38	61				1	0	
10/30/24	Wed	0%			37	63				0	170-190@8-14g22	99%	1	42	57					0	
10/31/24	Thu	85%			7	8		52	33	0		1%			1			53	46	0	310-360@5-13

Preferred Flow

DATIS Reported Conditions Indicate Support for Non-Preferred Flow

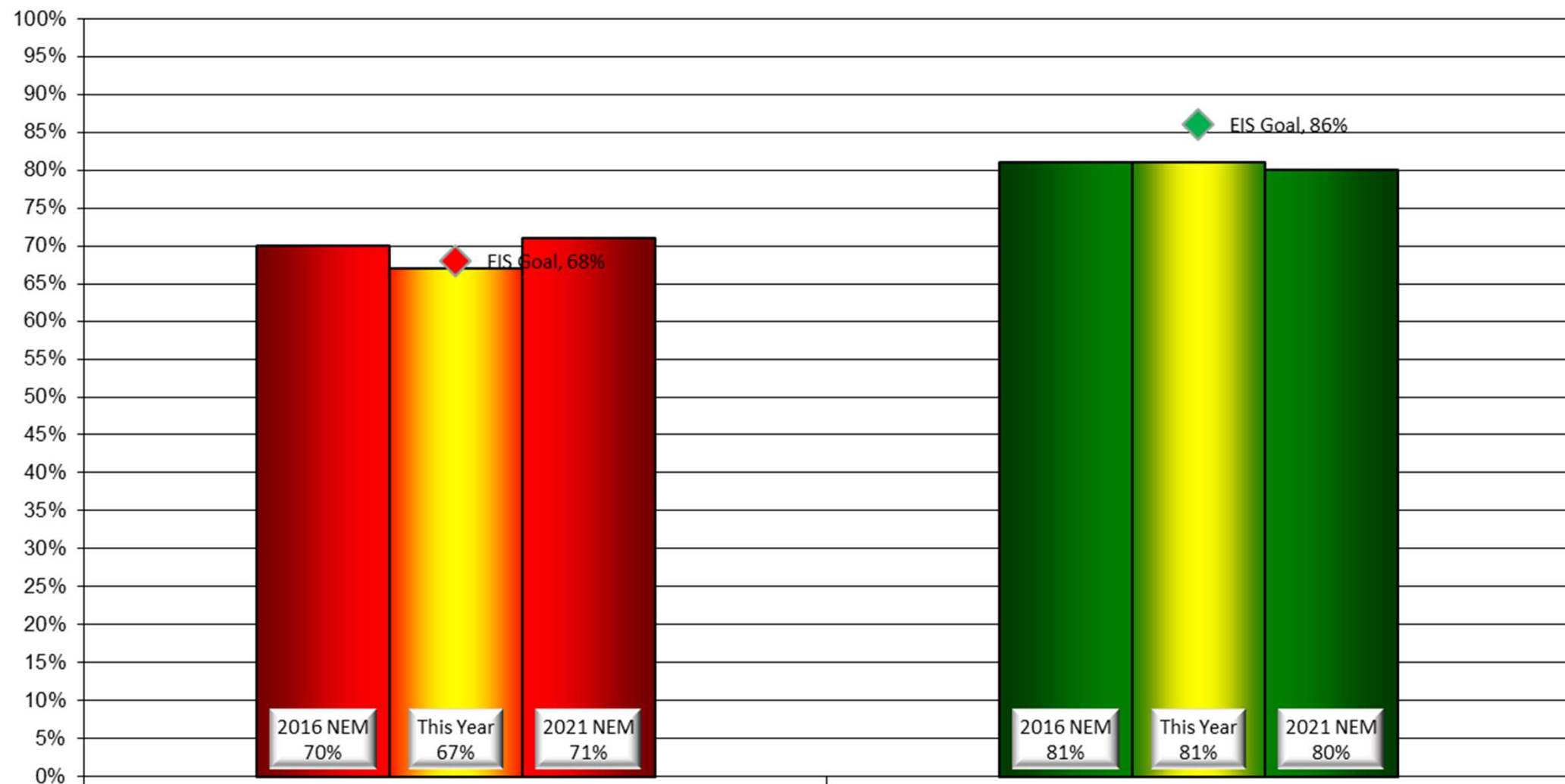
DATIS Reported Conditions Do Not Indicate Support for Non-Preferred Flow



## Contraflow This Year As of October 31, 2024

### Arrivals From South

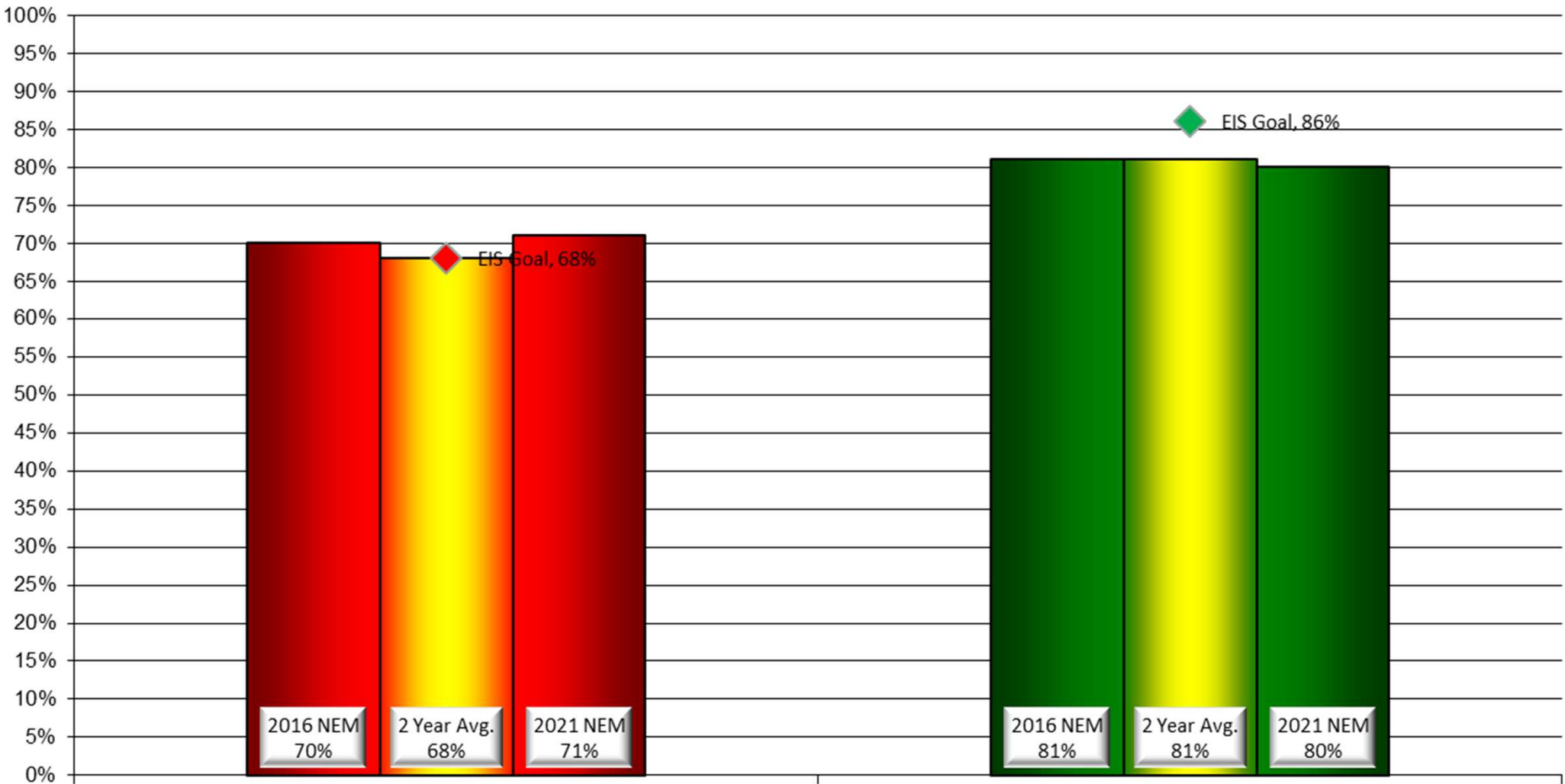
### Departures to South



## Contraflow 2 Year Average November 2022- October 2024

Arrivals From South

Departures to South



# Year-to-Year by Month Percent\* Contraflow

Arrivals From the South (Goal 68%)

Departures to the South (Goal 86%)

	2017	2018	2019	2020	2021	2022	2023	2024	Avg		2017	2018	2019	2020	2021	2022	2023	2024	Avg
Jan	65%	60%	75%	56%	71%	78%	67%	52%	66%		61%	72%	69%	82%	71%	65%	75%	79%	72%
Feb	58%	67%	78%	78%	87%	67%	62%	65%	70%		77%	70%	57%	43%	45%	56%	72%	72%	62%
Mar	79%	84%	82%	65%	51%	62%	59%	47%	66%		62%	61%	89%	64%	77%	77%	70%	88%	74%
Apr	56%	73%	65%	71%	62%	64%	76%	58%	66%		80%	72%	82%	69%	75%	82%	88%	83%	79%
May	75%	43%	65%	71%	71%	51%	84%	64%	66%		80%	89%	90%	90%	63%	83%	73%	84%	82%
Jun	74%	74%	50%	69%	65%	67%	85%	75%	70%		93%	91%	91%	88%	84%	70%	89%	93%	87%
Jul	85%	90%	75%	72%	70%	55%	68%	59%	72%		85%	77%	87%	91%	76%	95%	91%	87%	86%
Aug	79%	72%	88%	82%	74%	78%	91%	91%	82%		90%	88%	89%	87%	88%	89%	82%	74%	86%
Sep	85%	80%	83%	83%	63%	91%	78%	87%	81%		31%	87%	77%	85%	90%	75%	79%	77%	75%
Oct	81%	77%	79%	71%	69%	68%	58%	75%	73%		82%	76%	78%	72%	76%	78%	67%	76%	76%
Nov	69%	76%	70%	51%	61%	60%	53%		64%		75%	54%	72%	78%	81%	86%	79%		75%
Dec	74%	72%	76%	67%	56%	53%	62%		67%		74%	61%	72%	69%	80%	88%	87%		74%
Avg	73%	72%	74%	70%	67%	66%	70%	67%			74%	75%	79%	77%	76%	79%	79%	81%	

# NOISE COMMENT REPORT

# LOUISVILLE

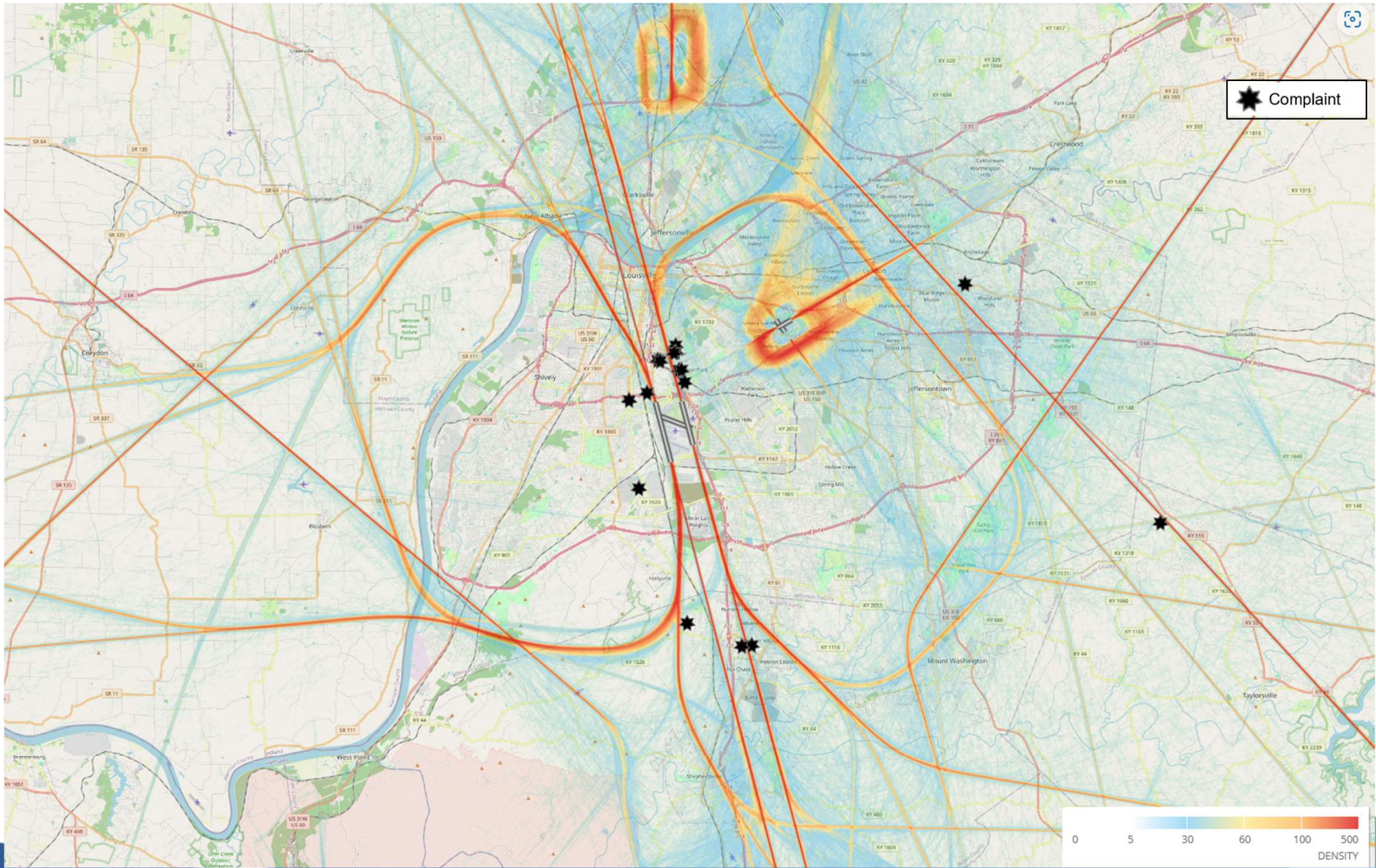
## REGIONAL AIRPORT AUTHORITY



September 2024



# Flight Track Density / Comment Location September 2024 (SDF/LOU)



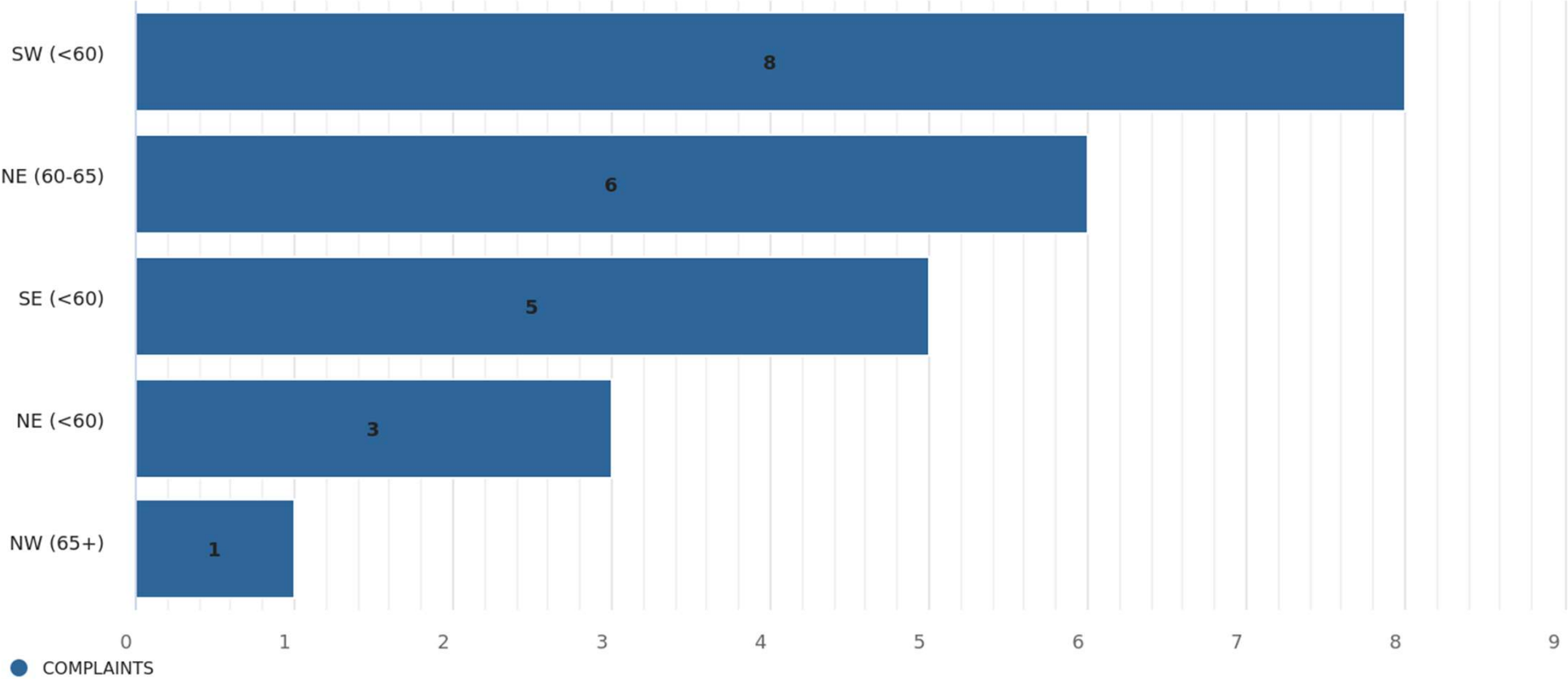
# Comment Summary

September 2024 (SDF/LOU)

Airport	Street	City	Date	Time	Cause
KSDF	Running Creek Drive	Shepardsville	2024-09-04	00:40:00	Too Many
KSDF	York River RD	Louisville	2024-09-05	02:00:00	Too Loud
KSDF	Brooksvew Circle	Brooks	2024-09-05	05:37:00	Too Many
KSDF	Wetherby Ave	Louisville	2024-09-05	09:53:00	Too Many
KSDF	Southern Pkwy	Louisville	2024-09-07	05:49:00	Too Loud
KSDF	Audubon Parkway	Louisville	2024-09-08	14:00:00	Too Loud
KSDF	Audubon PKWY	Louisville	2024-09-08	16:08:00	Other
KSDF	Colin Avenue	Louisville	2024-09-08	16:21:00	Too Many
KSDF	Clarks Lane	Louisville	2024-09-10	17:09:00	Other
KSDF	Spring Falls Court	Louisville	2024-09-11	10:28:00	Too Many
KSDF	Old Heady Road	Fisherville	2024-09-12	12:17:00	Too Low
KSDF	Clarks Lane	Louisville	2024-09-14	05:00:00	Too Many
KSDF	Park Boulevard	Louisville	2024-09-16	02:57:29	Other
KSDF	Parklawn Drive	Louisville	2024-09-18	13:45:00	Other
KSDF	Maylawn	Louisville	2024-09-19	14:56:00	Other
KSDF	Wolfe AVE	Louisville	2024-09-23	18:00:00	Too Loud
KSDF	York River RD	Louisville	2024-09-25	06:00:00	Too Loud
KSDF	Bradley Avenue	Louisville	2024-09-26	00:37:00	Too Low
KSDF	York River Road	Louisville	2024-09-26	20:00:00	Other
KSDF	York River Road	Louisville	2024-09-27	10:38:00	Too Loud
KSDF	York River Road	Louisville	2024-09-28	03:00:00	Too Loud
KSDF	York River Road	Louisville	2024-09-30	10:52:00	Other

# Comment Locations

September 2024 (SDF/LOU)



# NOISE COMMENT REPORT

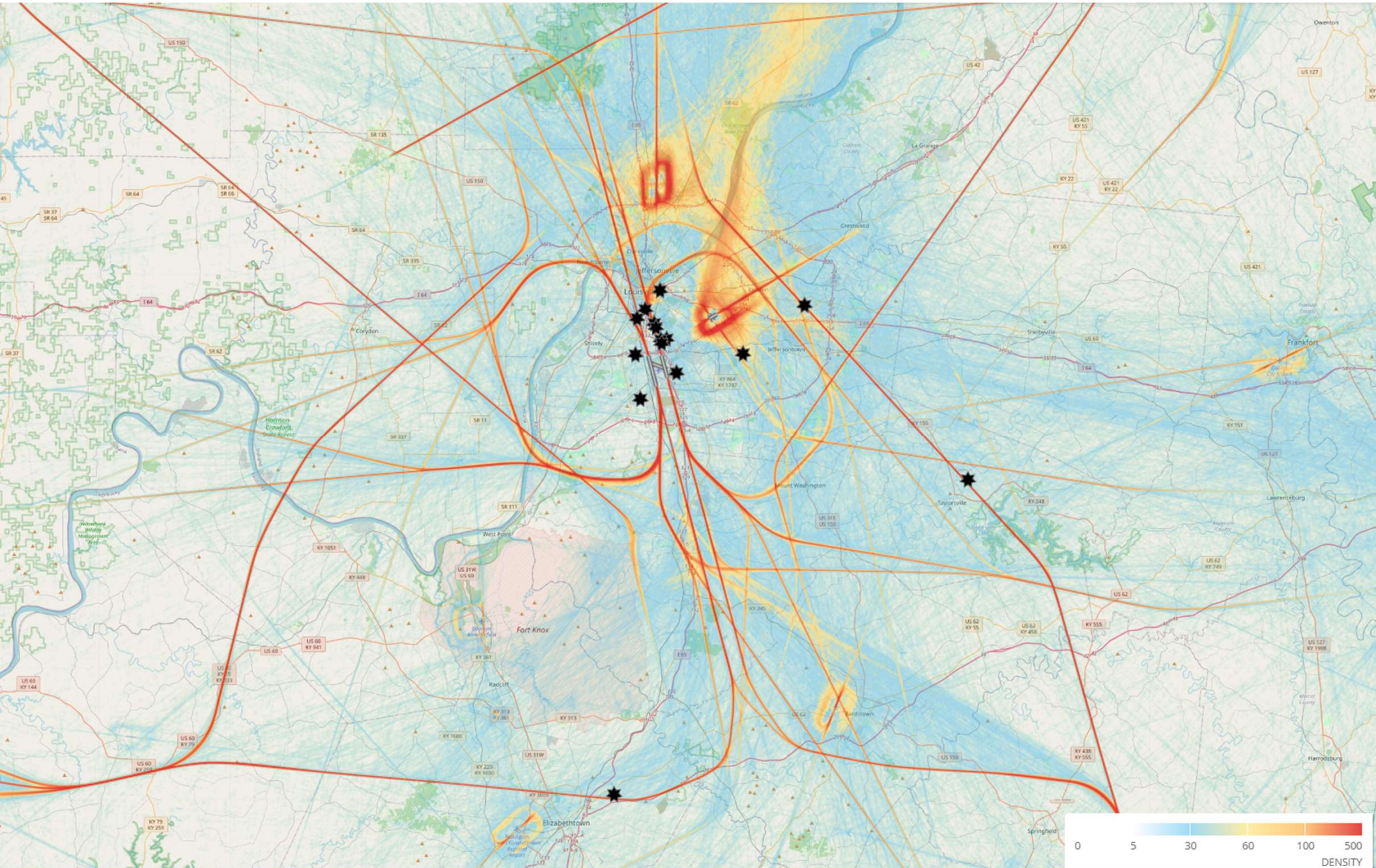
# LOUISVILLE

## REGIONAL AIRPORT AUTHORITY



October 2024

# Flight Track Density / Comment Location October 2024 (SDF/LOU)



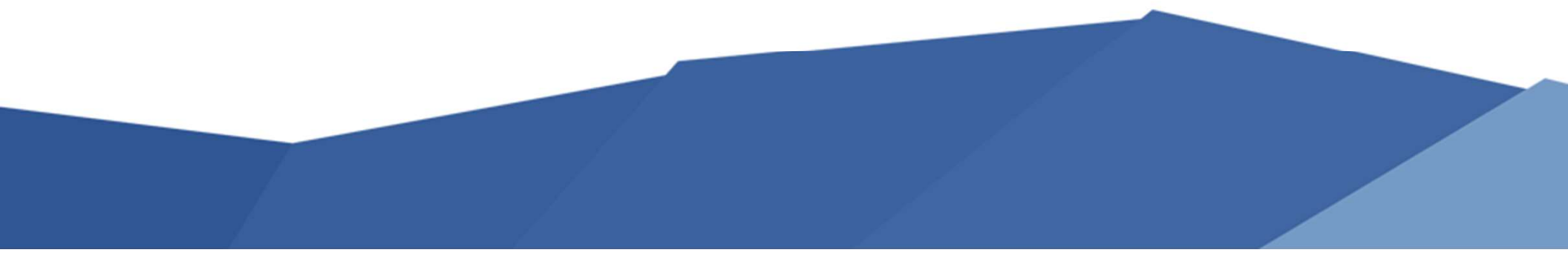
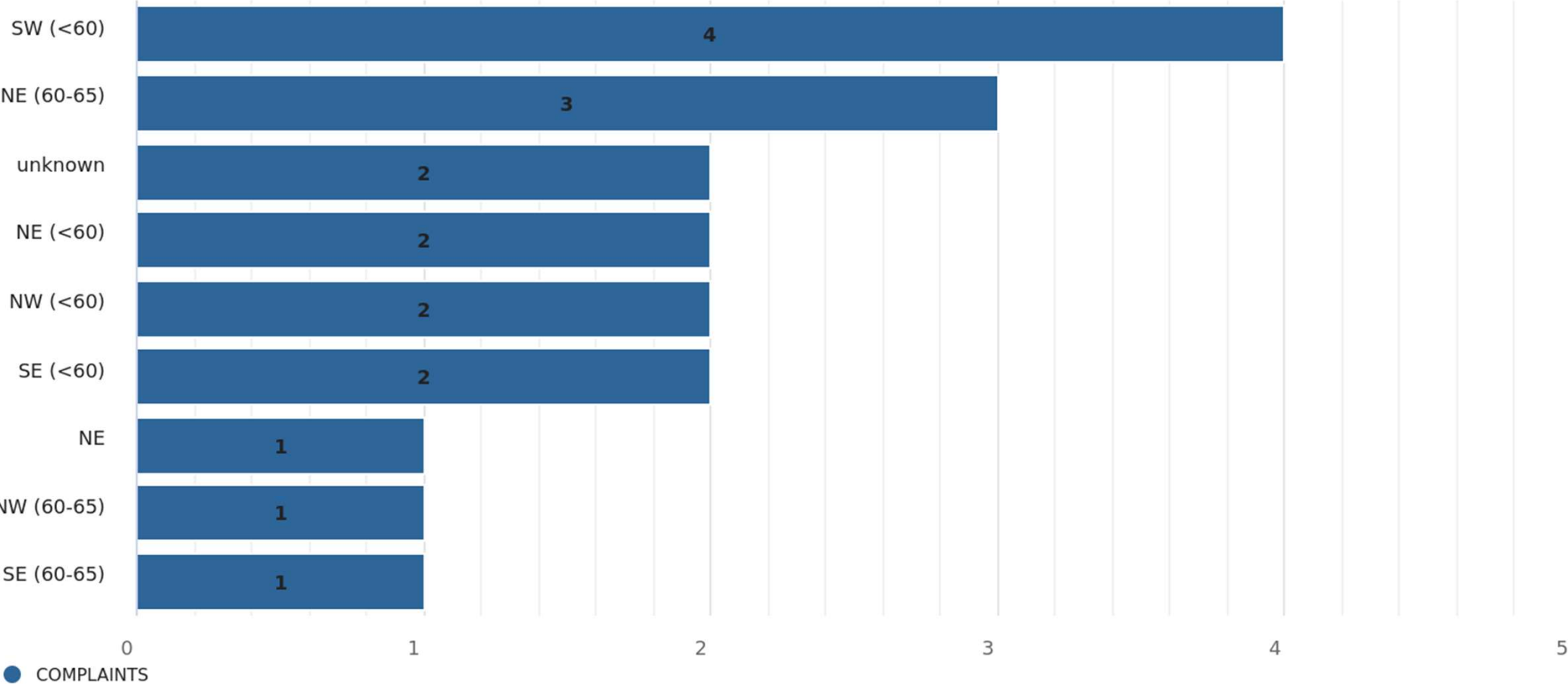
# Comment Summary

October 2024 (SDF/LOU)

Airport	Street	City	Date	Time	Cause
KSDF	Eastern Parkway	Louisville	2024-10-01	11:12:00	Other
KSDF	Audubon Parkway	Louisville	2024-10-01	17:26:00	Too Many
KSDF	York River Road	Louisville	2024-10-02	03:00:00	Too Loud
KSDF	South Brook Street	Louisville	2024-10-02	05:00:00	Too Many
KSDF	Franklin Street	Louisville	2024-10-02	05:04:00	Too Many
KSDF	Tanglewood Court	Elizabethtown	2024-10-02	13:18:34	Too Low
KSDF	Robin Road	Audubon Park	2024-10-02	15:22:00	Too Many
KLOU	Heatherview Rd	Louisville	2024-10-05	14:49:00	Too Low
KSDF	Southern Pkwy	Louisville	2024-10-10	23:13:00	Too Loud
KSDF	Cross Bill Road	Louisville	2024-10-15	17:21:09	Too Loud
KSDF	Cross Bill Road	Louisville	2024-10-16	16:19:17	Too Loud
KSDF	York River RD	Louisville	2024-10-17	17:09:00	Too Loud
KSDF	Halstead AVE	Louisville	2024-10-18	16:17:00	Other
KSDF	Southern Pkwy	Louisville	2024-10-21	22:39:00	Too Loud
KSDF	Forrest St	Louisville	2024-10-22	22:47:00	Too Low
KSDF	Belgravia Court	Louisville	2024-10-28	14:57:00	Too Loud
KSDF	Herrick Lane	Middletown	2024-10-28	23:10:00	Too Many
KSDF	Brashears Point Rd	Taylorsville	2024-10-29	11:28:00	Too Many

# Comment Locations

October 2024 (SDF/LOU)



# Runway Use and Aircraft Types

# LOUISVILLE

REGIONAL AIRPORT AUTHORITY



LOUISVILLE  
MUHAMMAD ALI  
INTERNATIONAL AIRPORT

September 2024



# Daily Runway September 2024 (SDF)

Flow	Time UTC	Time Local	Sun 9-1	Mon 9-2	Tue 9-3	Wed 9-4	Thu 9-5	Fri 9-6	Sat 9-7	Sun 9-8	Mon 9-9	Tue 9-10	Wed 9-11	Thu 9-12	Fri 9-13	Sat 9-14	Sun 9-15	Mon 9-16	Tue 9-17	Wed 9-18	Thu 9-19	Fri 9-20	Sat 9-21	Sun 9-22	Mon 9-23	Tue 9-24	Wed 9-25	Thu 9-26	Fri 9-27	Sat 9-28	Sun 9-29	Mon 9-30	Time Local	
North Flow	0400	0:00																																0:00
	0430	0:30																																0:30
	0500	1:00																																1:00
	0530	1:30																																1:30
	0600	2:00																																2:00
	0630	2:30																																2:30
	0700	3:00																																3:00
0730	3:30																																3:30	
0800	4:00																																4:00	
0830	4:30																																4:30	
0900	5:00																																5:00	
0930	5:30																																5:30	
1000	6:00																																6:00	
1030	6:30																																6:30	
1100	7:00																																7:00	
1130	7:30																																7:30	
1200	8:00																																8:00	
1230	8:30																																8:30	
North Flow	1300	9:00																															9:00	
	1330	9:30																															9:30	
	1400	10:00																															10:00	
	1430	10:30																															10:30	
	1500	11:00																															11:00	
	1530	11:30																															11:30	
	1600	12:00																																12:00
1630	12:30																																12:30	
1700	13:00																																13:00	
1730	13:30																																13:30	
South Flow	1800	14:00																															14:00	
	1830	14:30																															14:30	
	1900	15:00																															15:00	
	1930	15:30																															15:30	
	2000	16:00																															16:00	
	2030	16:30																															16:30	
	2100	17:00																															17:00	
	2130	17:30																															17:30	
	2200	18:00																																18:00
	2230	18:30																																18:30
	2300	19:00																																19:00
	2330	19:30																																19:30
	2400	20:00																																20:00
	0030	20:30																																20:30
0100	21:00																																21:00	
0130	21:30																																21:30	
North Flow	0200	22:00																															22:00	
	0230	22:30																															22:30	
	0300	23:00																															23:00	
	0330	23:30																															23:30	
0400	0:00																															0:00		

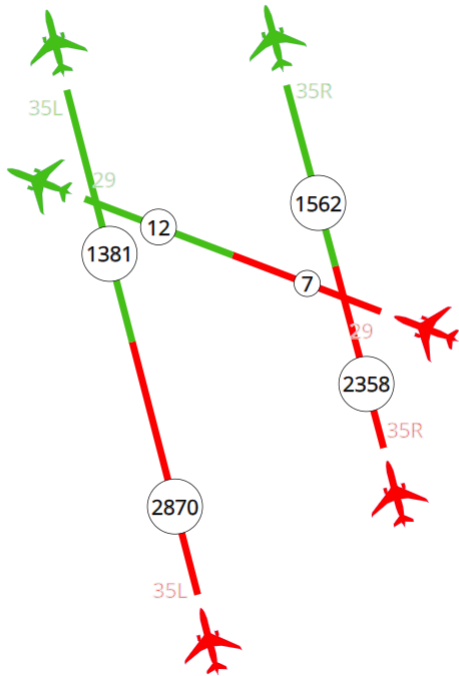
- Preferred Flow
- DATIS Reported Conditions Indicate Support for Non-Preferred Flow
- DATIS Reported Conditions Do Not Indicate Support for Non-Preferred Flow
- South Flow is Preferred Flow from 09:00 Saturday - 09:00 Monday
- X Complaint

# Daily Runway September 2024 (SDF)

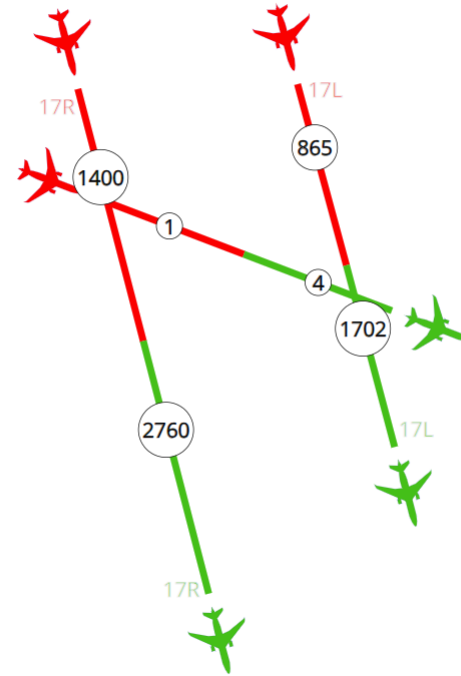
Date	Day	Time	Comment
01-Sep-24	Sun	0630-0900	Wind 320@07, wet runways
01-Sep-24	Sun	1230-1630	Wind 320@07, wet runways
03-Sep-24	Tue	0730-0830	Peak wind 050@13
03-Sep-24	Tue	2000-2130	Peak wind 040@11
04-Sep-24	Wed	1400-1500	Late switch for traffic volume
05-Sep-24	Thu	0900-1330	Peak wind 200@10, strong south winds aloft
05-Sep-24	Thu	2100-2130	Log reflects South flow
06-Sep-24	Fri	1400-1500	North for +TS north of SDF
08-Sep-24	Sun	0500-1530	Peak wind 360@08
08-Sep-24	Sun	1730-0000	Peak wind 360@08
09-Sep-24	Mon	0000-0830	No reason documented
09-Sep-24	Mon	1400-2130	Peak wind 320@09
10-Sep-24	Tue	2100-2130	Rem North for inbound switch
11-Sep-24	Wed	0900-1030	No reason documented
11-Sep-24	Wed	1400-1430	Late switch for traffic volume
11-Sep-24	Wed	2100-2130	Switched North for early inbound arrivals
12-Sep-24	Thu	0900-1330	Forecast wind 120@11G20
12-Sep-24	Thu	2200-0000	Peak wind 110@12, strong SE winds aloft
13-Sep-24	Fri	0000-0230	Peak wind 110@12, strong SE winds aloft
13-Sep-24	Fri	0900-1330	South flow for wet runways
16-Sep-24	Mon	1400-1430	Last switch for traffic volume
16-Sep-24	Mon	2100-2130	Early switch for traffic volume
17-Sep-24	Tue	1400-2130	Peak wind 360@07, wet runways
18-Sep-24	Wed	0730-0830	Early switch due to wind and 17R ILS OFM
18-Sep-24	Wed	1400-2130	Forecast wind 340@08
19-Sep-24	Thu	1400-2130	Peak wind 340@09
22-Sep-24	Sun	1530-1800	Wind 360@12, wet runways
23-Sep-24	Mon	0500-0830	Wet runways
23-Sep-24	Mon	1730-2130	Wet runways
24-Sep-24	Tue		
26-Sep-24	Thu	1400-1600	Wind 050@13G19
27-Sep-24	Fri		
29-Sep-24	Sun	0830-1530	Peak wind forecasted 050@10
29-Sep-24	Sun	1900-0000	Peak wind 360@06, wet runways
30-Sep-24	Mon	0000-0830	Peak wind 010@09
30-Sep-24	Mon	1400-2130	Peak wind 010@09

# Arrivals/Departures September 2024 (SDF)

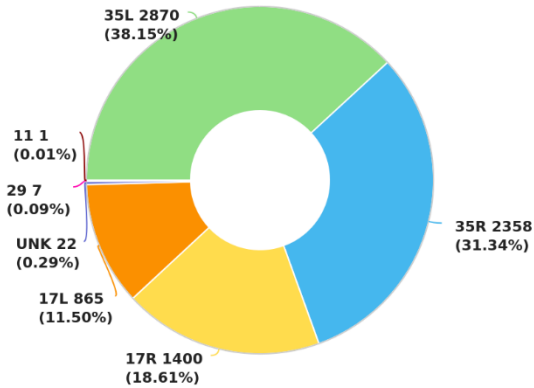
NORTH FLOW RUNWAY UTILIZATION



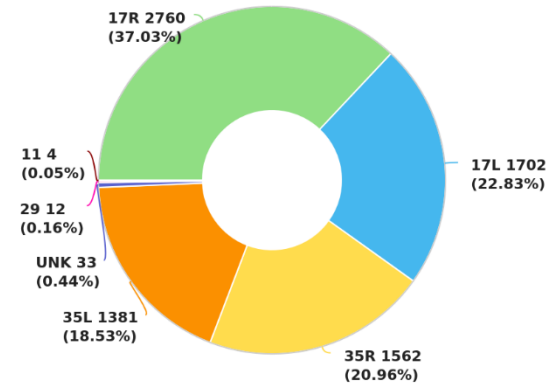
SOUTH FLOW RUNWAY UTILIZATION



ARRIVALS PER RUNWAY



DEPARTURES PER RUNWAY

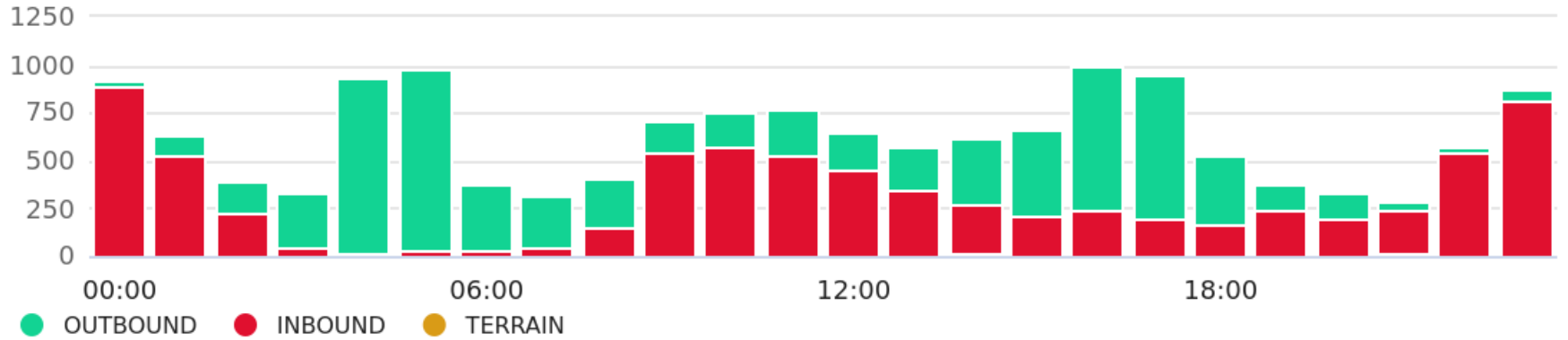


● 35L ● 35R ● 17R ● 17L ● UNK ● 29 ● 11

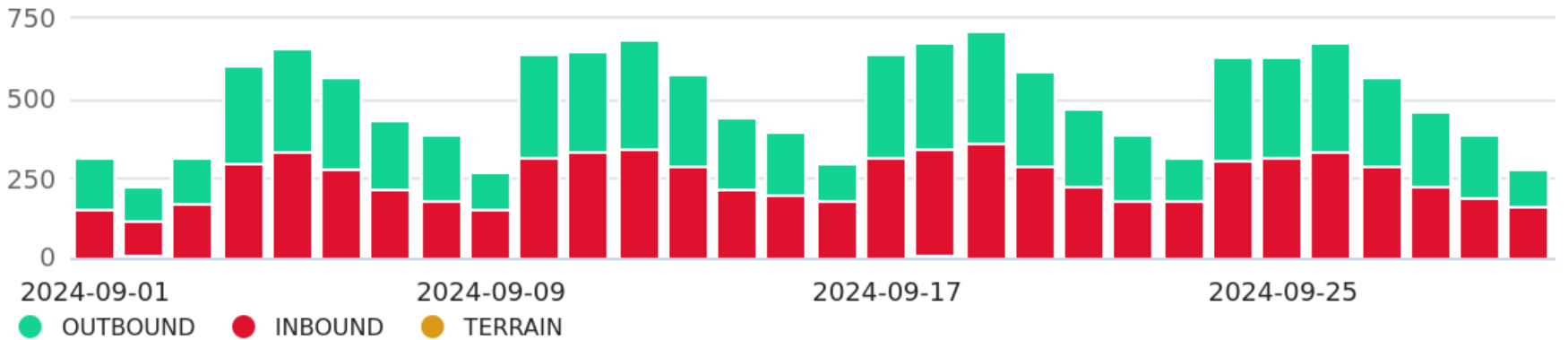
● 17R ● 17L ● 35R ● 35L ● UNK ● 29 ● 11

# Arrivals/Departures September 2024 (SDF)

## FLIGHTS PER HOUR



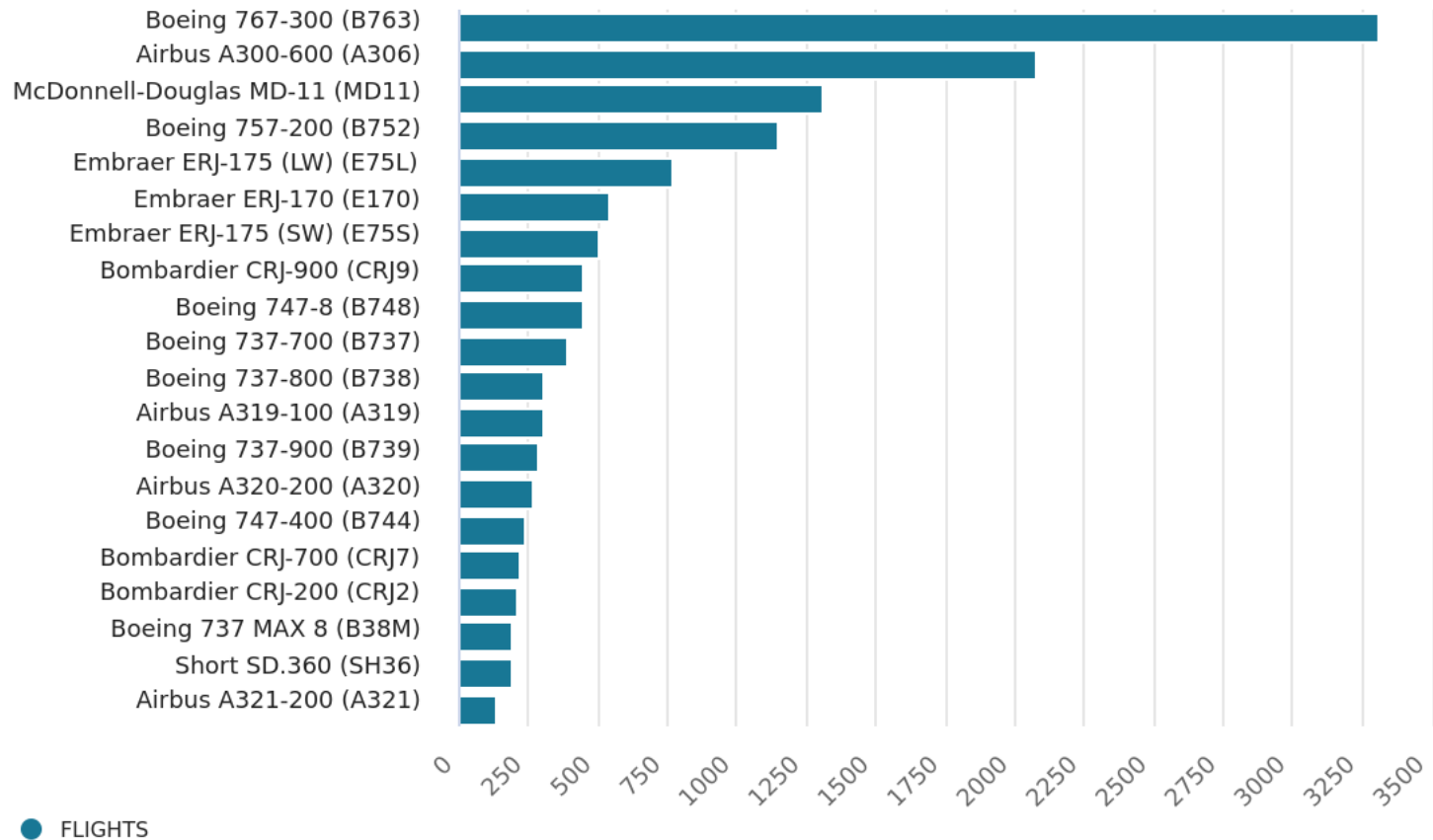
## FLIGHTS PER DAY



# Aircraft Types

September 2024 (SDF)

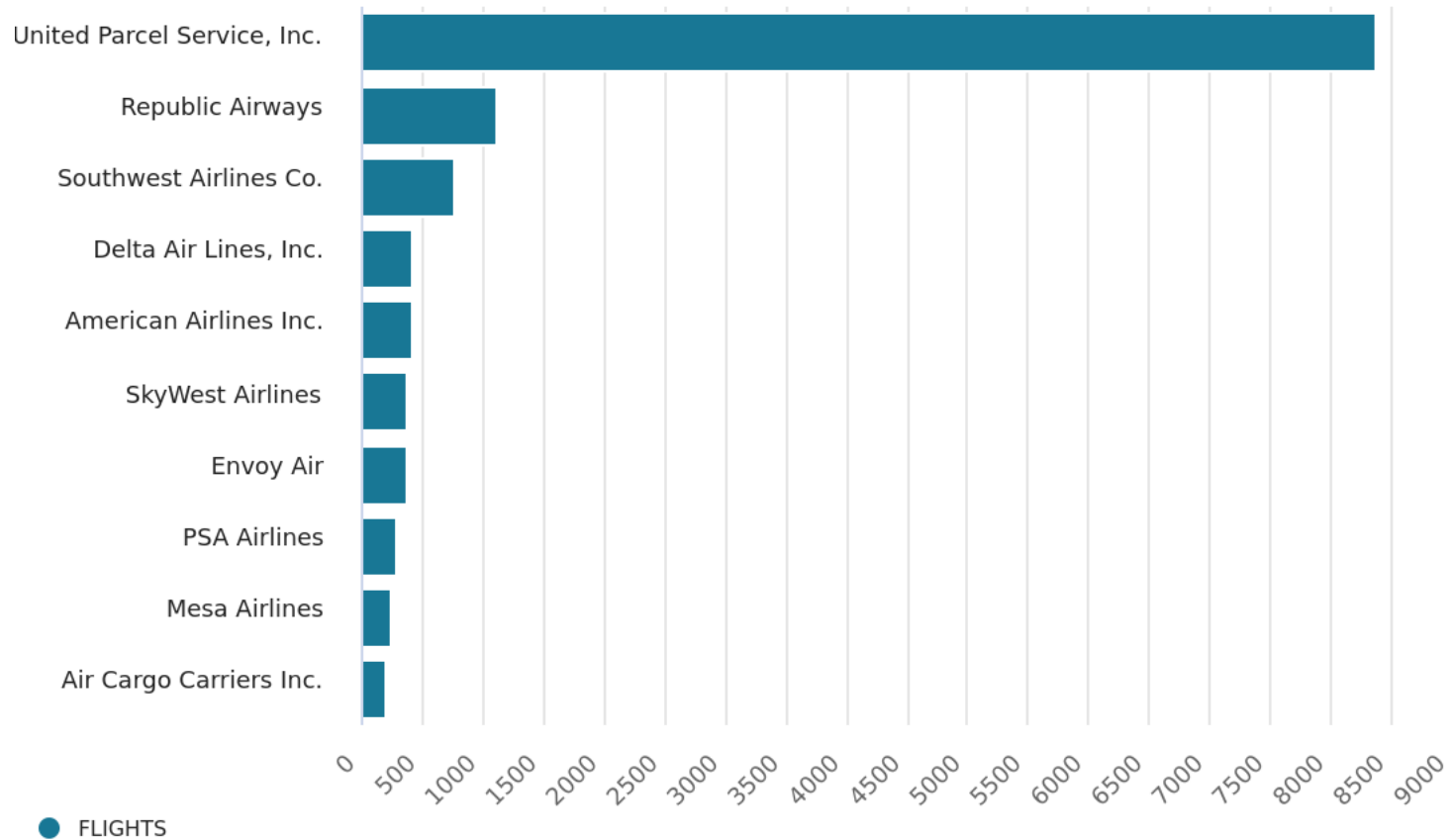
## FLIGHTS PER AIRCRAFT TYPE



# Airline Operations

September 2024 (SDF)

## FLIGHTS PER AIRLINE



# Runway Use and Aircraft Types

# LOUISVILLE

REGIONAL AIRPORT AUTHORITY



LOUISVILLE  
MUHAMMAD ALI  
INTERNATIONAL AIRPORT

October 2024

# Daily Runway October 2024 (SDF)

Flow	Time UTC	Time Local	Tue 10-1	Wed 10-2	Thu 10-3	Fri 10-4	Sat 10-5	Sun 10-6	Mon 10-7	Tue 10-8	Wed 10-9	Thu 10-10	Fri 10-11	Sat 10-12	Sun 10-13	Mon 10-14	Tue 10-15	Wed 10-16	Thu 10-17	Fri 10-18	Sat 10-19	Sun 10-20	Mon 10-21	Tue 10-22	Wed 10-23	Thu 10-24	Fri 10-25	Sat 10-26	Sun 10-27	Mon 10-28	Tue 10-29	Wed 10-30	Thu 10-31	Time Local					
North Flow	0400	0:00																																0:00					
	0430	0:30																																	0:30				
	0500	1:00																																	1:00				
	0530	1:30																																	1:30				
	0600	2:00																																	2:00				
	0630	2:30																																		2:30			
South Flow	0700	3:00																																	3:00				
	0730	3:30																																		3:30			
	0800	4:00																																		4:00			
	0830	4:30																																		4:30			
	0900	5:00																																		5:00			
	0930	5:30																																		5:30			
	1000	6:00																																		6:00			
	1030	6:30																																		6:30			
	1100	7:00																																			7:00		
	1130	7:30																																			7:30		
	1200	8:00																																			8:00		
	1230	8:30																																			8:30		
North Flow	1300	9:00																																		9:00			
	1330	9:30																																			9:30		
	1400	10:00																																			10:00		
	1430	10:30																																			10:30		
	1500	11:00																																			11:00		
	1530	11:30																																			11:30		
	1600	12:00																																			12:00		
	1630	12:30																																			12:30		
	1700	13:00																																				13:00	
	1730	13:30																																				13:30	
South Flow	1800	14:00																																			14:00		
	1830	14:30																																				14:30	
	1900	15:00																																				15:00	
	1930	15:30																																				15:30	
	2000	16:00																																				16:00	
	2030	16:30																																				16:30	
	2100	17:00																																				17:00	
	2130	17:30																																				17:30	
	2200	18:00																																					18:00
	2230	18:30																																					18:30
	2300	19:00																																					19:00
	2330	19:30																																					19:30
	2400	20:00																																					20:00
	0030	20:30																																					20:30
	0100	21:00																																					21:00
0130	21:30																																					21:30	
North Flow	0200	22:00																																				22:00	
	0230	22:30																																					22:30
	0300	23:00																																					23:00
	0330	23:30																																					23:30
	0400	0:00																																				0:00	

- Preferred Flow
- DATIS Reported Conditions Indicate Support for Non-Preferred Flow
- DATIS Reported Conditions Do Not Indicate Support for Non-Preferred Flow
- South Flow is Preferred Flow from 09:00 Saturday - 09:00 Monday
- X Complaint

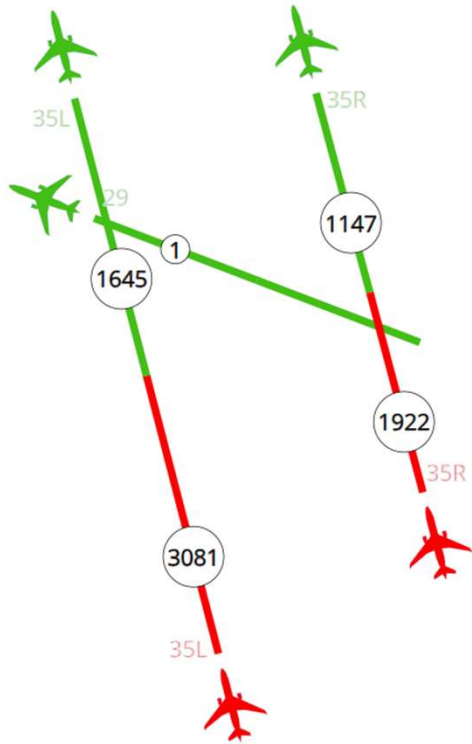


## Daily Runway October 2024 (SDF)

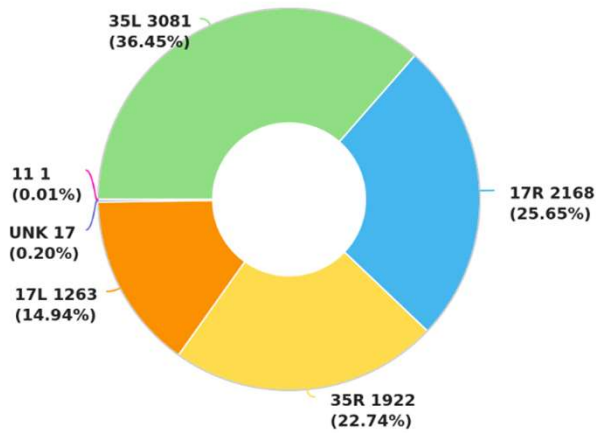
	Date	Time	Comment
01-Oct-24	Tue	1400-2000	Peak wind 340@09
02-Oct-24	Wed	0700-0830	Peak wind 350@08
02-Oct-24	Wed	1400-2130	Peak wind 350@08
03-Oct-24	Thu	2100-2130	Switched early for volume
04-Oct-24	Fri	0900-0930	Late change due to volume
04-Oct-24	Fri	1400-1600	Peak wind 360@08
04-Oct-24	Fri	2100-2200	Early switch for volume
05-Oct-24	Sat		
06-Oct-24	Sun		
07-Oct-24	Mon	0700-0730	Peak wind 360@08
07-Oct-24	Mon	1800-2130	Peak wind 360@09
08-Oct-24	Tue	1400-2130	Peak wind 350@08
09-Oct-24	Wed	1400-1430	Peak wind 020@11
09-Oct-24	Wed	2030-2130	Early switch for volume
10-Oct-24	Thu	1400-1500	Late change due to volume
11-Oct-24	Fri	0900-1330	South for training
12-Oct-24	Sat		
13-Oct-24	Sun		
14-Oct-24	Mon	0700-0900	Peak wind 300@10G15
14-Oct-24	Mon	1400-2000	Peak wind 310@10
15-Oct-24	Tue		
16-Oct-24	Wed	0300-0830	Peak wind 010@09
16-Oct-24	Wed	1900-2130	Peak wind 360@12
17-Oct-24	Thu	1400-1500	Late change due to volume
18-Oct-24	Fri	1400-1500	Late change due to volume
18-Oct-24	Fri	2100-2200	Log reflects South flow
19-Oct-24	Sat		
20-Oct-24	Sun		
21-Oct-24	Mon	2200-0000	R3704 military activity requiring extra separation
22-Oct-24	Tue	0000-0300	R3704 military activity requiring extra separation
22-Oct-24	Tue	0900-1330	Peak wind 200@10G17
22-Oct-24	Tue	2200-0000	R3704 military activity requiring extra separation
23-Oct-24	Wed	0000-0100	R3704 military activity requiring extra separation
23-Oct-24	Wed	0900-1400	Peak wind 190@09
23-Oct-24	Wed	1500-1600	Rapid wind shift to NW forecasted
24-Oct-24	Thu		
25-Oct-24	Fri	0900-1200	Peak wind 190@09
25-Oct-24	Fri	1400-1500	Late change due to volume
25-Oct-24	Fri	1700-2200	Peak wind 310@10
26-Oct-24	Sat	0300-0430	Peak wind 360@08
26-Oct-24	Sat	1900-2300	Peak wind 010@14
27-Oct-24	Sun	0000-2030	Peak wind 010@08
28-Oct-24	Mon	0900-1400	R3704 military activity requiring extra separation
28-Oct-24	Mon	2200-2330	R3704 military activity requiring extra separation
29-Oct-24	Tue		
30-Oct-24	Wed		
31-Oct-24	Thu		

# Arrivals/Departures October 2024 (SDF)

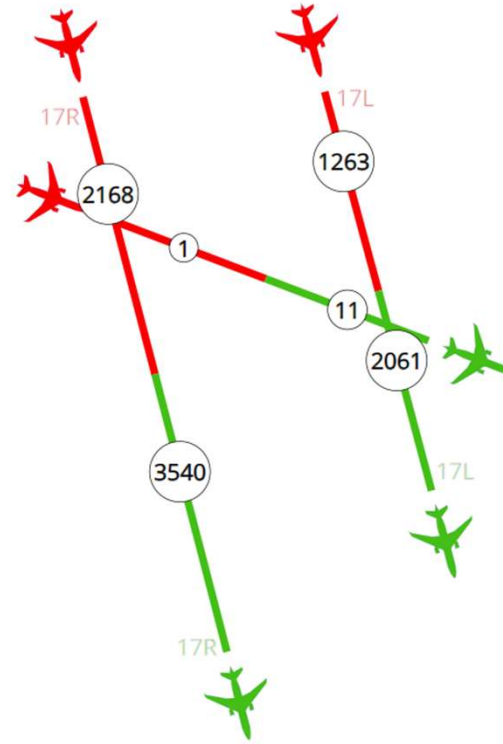
NORTH FLOW RUNWAY UTILIZATION



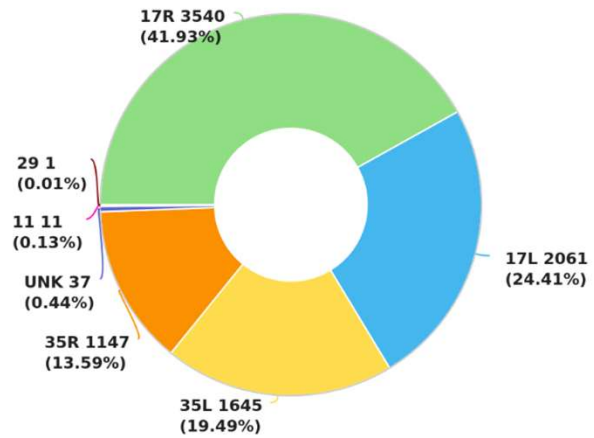
ARRIVALS PER RUNWAY



SOUTH FLOW RUNWAY UTILIZATION



DEPARTURES PER RUNWAY

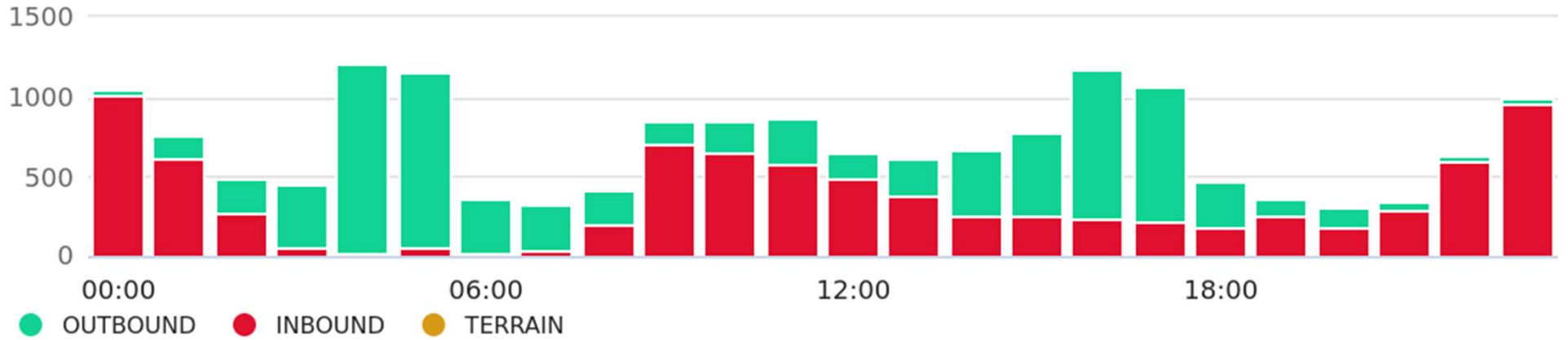


● 35L ● 17R ● 35R ● 17L ● UNK ● 11

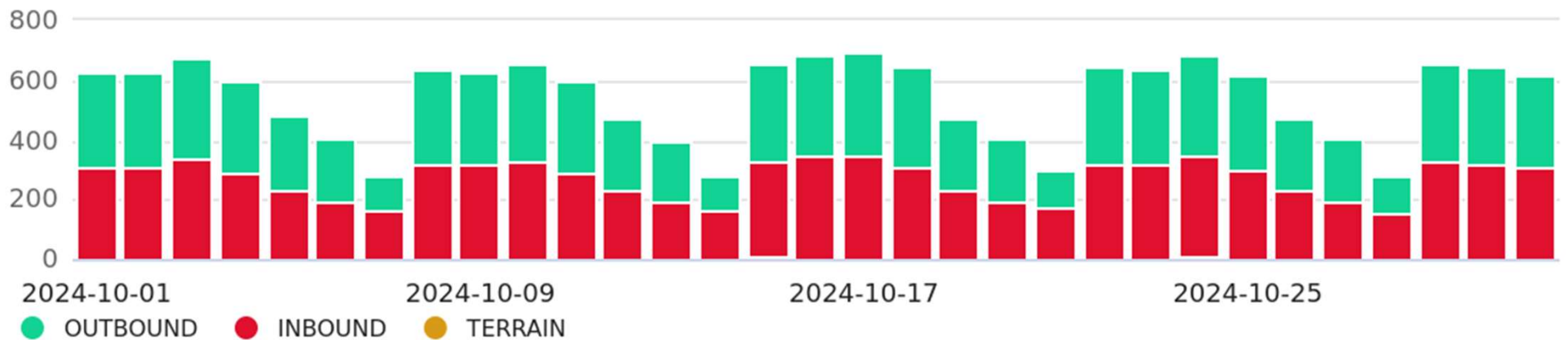
● 17R ● 17L ● 35L ● 35R ● UNK ● 11 ● 29

# Arrivals/Departures October 2024 (SDF)

## FLIGHTS PER HOUR



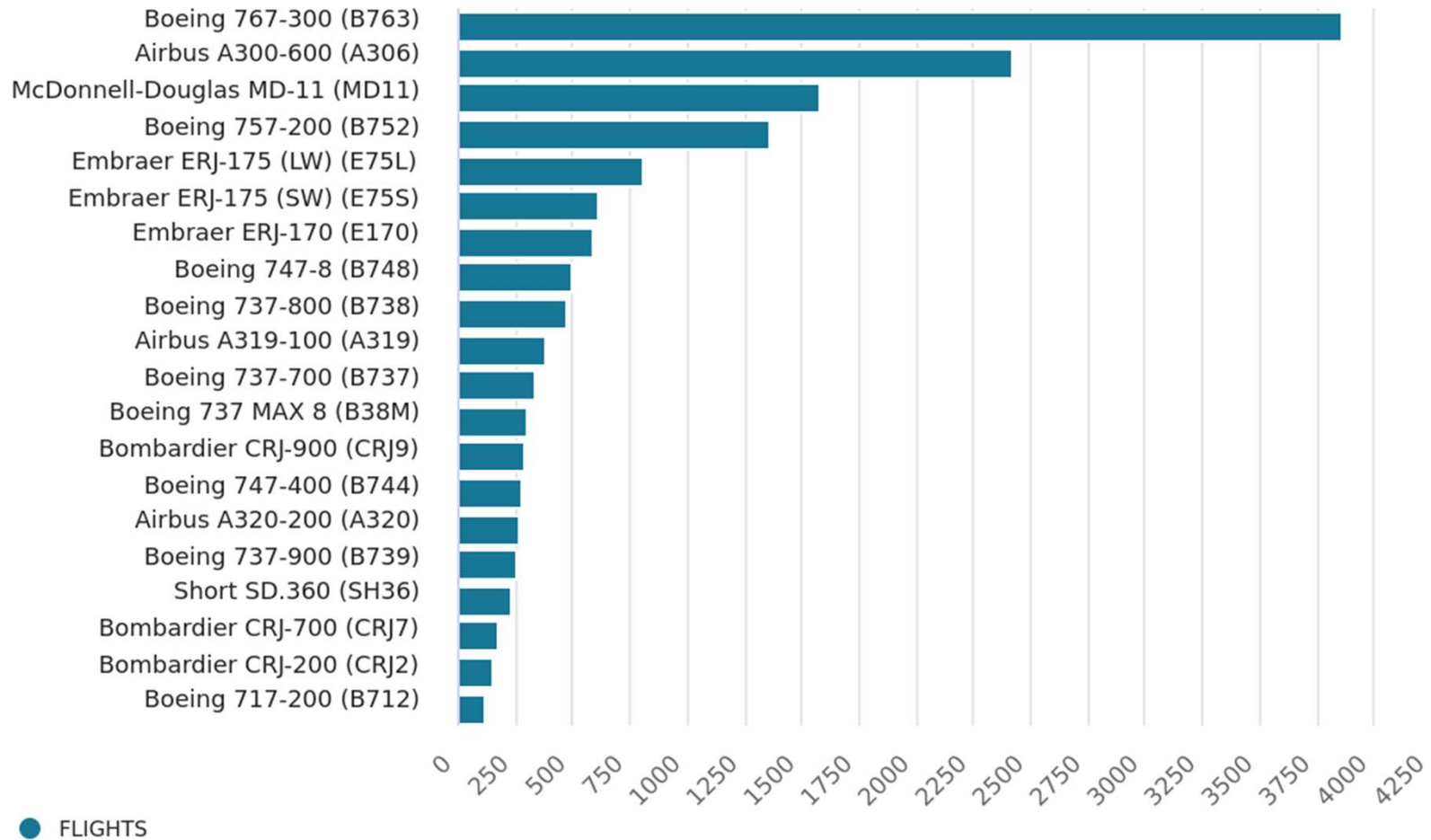
## FLIGHTS PER DAY



# Aircraft Types

October 2024 (SDF)

## FLIGHTS PER AIRCRAFT TYPE



# Airline Operations

October 2024 (SDF)

## FLIGHTS PER AIRLINE

