

**Community Noise Forum**  
**Monday, March 26, 2018**  
**Agenda**

- I. Call to order: 6:00 PM
- II. Minutes: January 22, 2018
- III. Election of Officers
- IV. Part 150 NCP
  - A. NEM Update
  - B. Noise Insulation Program
  - C. Contraflow Exceptions
- V. Current Noise Concerns
  - A. Working Group Report
  - B. Noise Concerns/Complaints
  - C. Runway Utilization
  - D. Construction and Maintenance Activity
- VI. Announcements
- VII. Guest Comments
- VIII. Next Meeting: May 21, 2018
- IX. Adjournment

**COMMUNITY NOISE FORUM (CNF)**  
**Monday, January 22, 2018**

**Members**

John Sistarenik, ANA  
Bob Slattery, LRAA  
Mary Rose Evans, LRAA Board  
Ken Dietz, UofL

Mike Zanone, NW  
John Greathouse, Southwest (Alt)  
Denny Thompson, SE  
Brian Sinnwell, LRAA

**Guests**

Bill Graham, Fairdale  
Jonathan Bonds, UPS

The meeting was called to order at 6:00 p.m. by John Sistarenik. The minutes from the November 27, 2017 meeting were approved.

**Part 150 NCP:**

- A. Update: University of Louisville:** Draft Environmental Assessment (EA) for the UofL project is still under review by the FAA.

We are currently in the process of selecting a sound insulation program consultant. The selection is expected to be completed by the end of March. This process will allow us to move forward and prepare for the sound insulation of homes in the updated DNL 65 contour on the 2021 NEM. The program boundaries have not yet been defined. However, preliminary numbers are 126 homes in the northeast, 11 in the southeast, 8 in the northwest, and 116 in the southwest.

- B. Contraflow Exceptions:** Contraflow for November was 69% **for arrivals** from the south and 75% **for departures** to the south. In December, **arrivals** from south were 74% and **departures** to the south were 74%. A daily summary for November and December is contained in the handout. The 2 year average (January 2016 - December 2017) for contraflow is 74% for arrivals and 76% for departures. A monthly summary going back 8 years is also included in the handout.

- C. NEM Update:** Bob Slattery reported that the 2016 and 2021 NEM's were determined by the FAA to be in compliance. The notice was published in the Federal Register on December 13, 2017.

## **Current Noise Concerns:**

**A. Working Group Report:** A CNF Working Group meeting was held on Tuesday, January 16. Bill Graham, Tom Foote, Jonathan Bond, Jon Sistarenik, Mary Rose Evans, Brian Sinnwell, John Greathouse, Mike Zanone and Bob Slattery attended. The group met to discuss concerns raised by Mr. Graham regarding overflights and noise in the Jefferson Memorial Forrest (JMF) area. The majority of the JMF is outside of the DNL 60 contour on the 2021 NEM and is considered compatible land use under Part 150. The group reviewed current aircraft overflights and discussed aircraft departure profiles. Jonathan Bond feels that if a solution to this problem exists it would most likely be related to the horizontal path of the aircraft (track over ground) and not the vertical track (altitude). Bob Slattery will use AEDT to compare 3 17R departure tracks. This comparison will be based on the following:

- Current RNAV flight path
- Close-in flight path; turn west at Gene Snyder Freeway
- Distant flight path; turn west at a point slightly further south than the current RNAV path
- 1 A300 departure operation for each path
- Same departure profile for each operation
- LAMAX contours of 60 (conservative outdoors speech interference), 70 (outdoor speech interference), 85 (indoor speech interference)
- AEDT population exposure reports for the respective contours

**B. Report on Noise Concerns/Complaints:** A total of 9 comments were received in November. All were from areas north of the airport. In December, a total of 7 comments were received. All were from areas north of the airport. Comments and locations are contained in the handout.

**C. Runway Utilization:** Runway utilization percentages for November and December are contained in the handout. Daily runway utilization and November comments from the Air Traffic Control Tower are also included in the handout. Tower comments for December have not yet been received. There is a new Tower Chief, Gary Tucker.

**D. Construction and Maintenance Activity:** Brian Sinnwell reported that it has been quiet on the airfield.

**Guest Comments:** None.

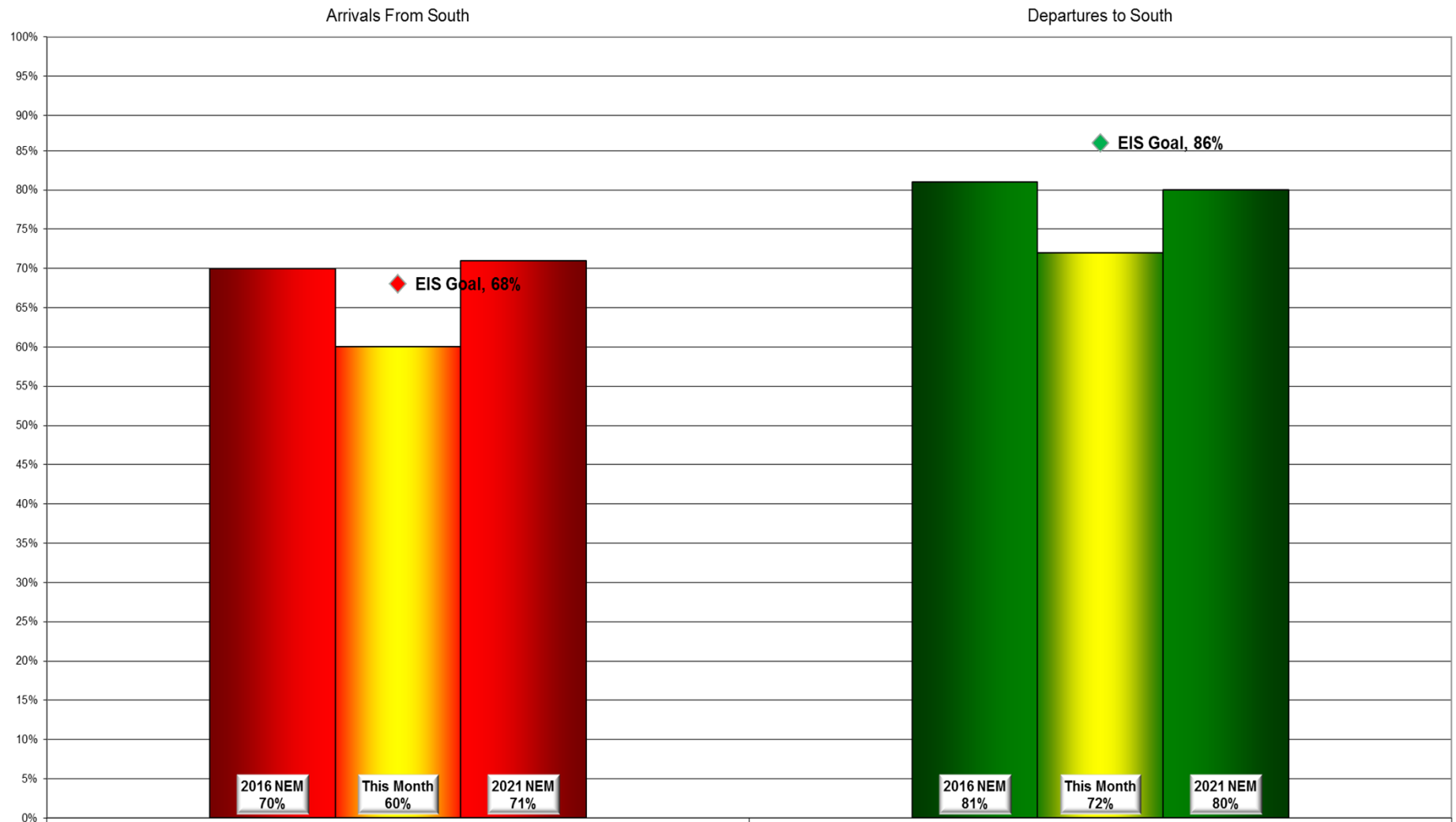
**Announcements:** John Sistarenik announced that the LRAA has a new Executive Director, Dan Mann. John and Mary Rose will brief him on the CNF program and invite him to next CNF meeting.

Elections for officers will be held in March.

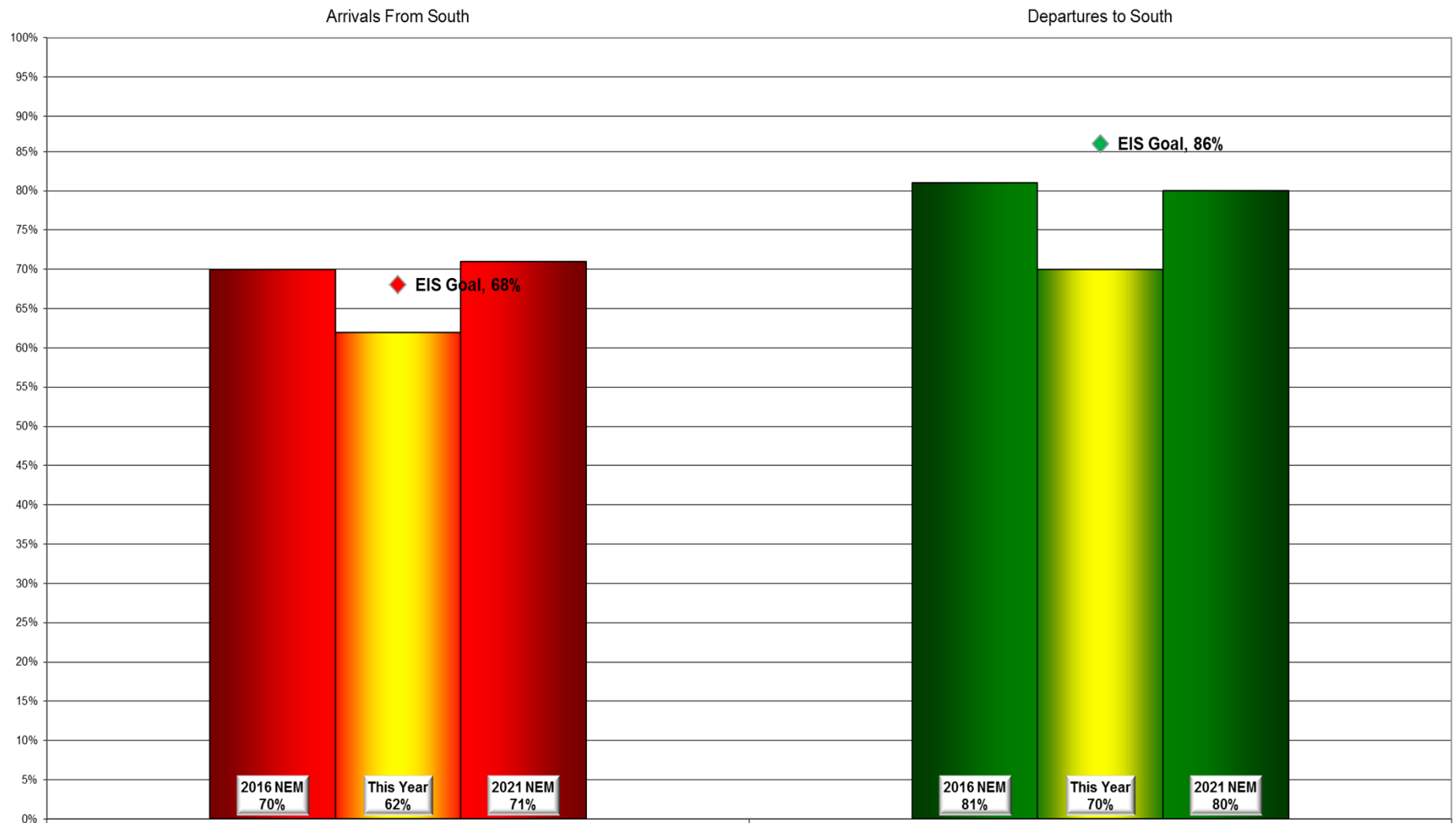
**Next Meeting:** Monday, March 26, 2018 at 6 p.m.

**Adjournment:** A motion was made to adjourn the meeting at 6:47 p.m.

## Monthly Contraflow January 1-31, 2018



## Contraflow This Year As of February 2, 2018



# Daily Runway Use Summary – January 2018

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

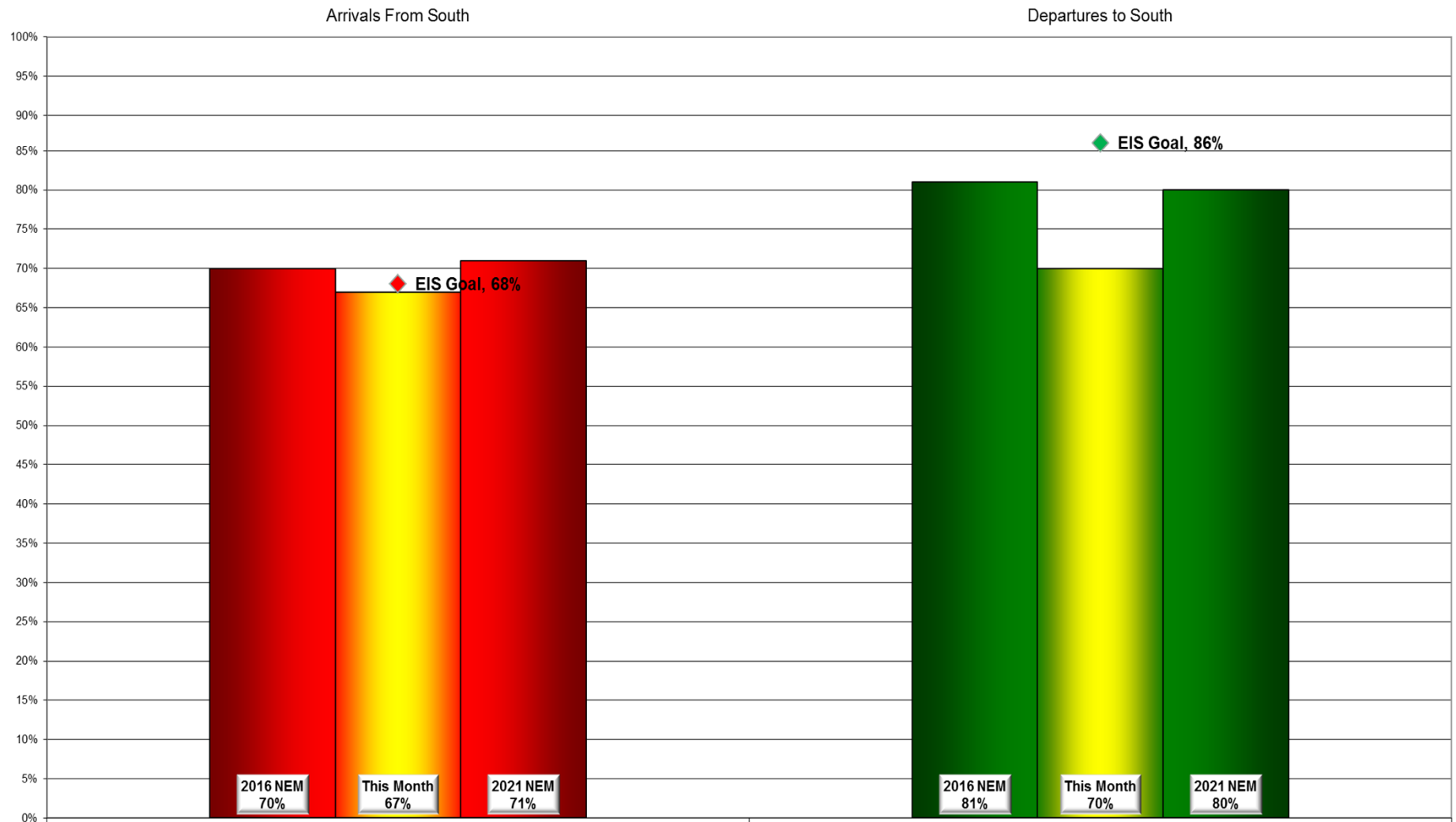
		% of all arrivals from the south										% of all departures to the south											
Date	Day	* in	Runway #						Unknown	Notes /	Comments	** in	Runway #						Unknown	Notes /	Comments		
		compliance	11	17L	17R	29	35L	35R	Use				compliance	11	17L	17R	29	35L	35R			Use	
01/01/18	Mon	90%			5	5			63	27	0		93%			37	56			5	2	0	
01/02/18	Tue	96%			3	1			57	39	0		90%			34	56			5	5	0	
01/03/18	Wed	100%							64	36	0		0%							61	39	0	290-310@6-14knts
01/04/18	Thu	97%			2	1			63	34	0		22%			4	18			43	35	0	290-310@6-9knts
01/05/18	Fri	94%			1	5			61	33	0		92%			33	59			6	2	0	
01/06/18	Sat																						
01/07/18	Sun																						
01/08/18	Mon	97%			2	1			62	35	0		91%			34	57			7	2	0	
01/09/18	Tue	0%			43	56		1			0	040-100@3knts, DR	100%			39	61					0	
01/10/18	Wed	0%			47	53					0	160-170@12-15knts,G22	100%			38	62					0	
01/11/18	Thu	3%			40	57			3		0	130-160@5-7knts,RA	15%			7	8			48	37	0	120-330@3-17,G23,RA
01/12/18	Fri	100%							52	48	0		0%							68	32	0	350-360@9-17knts,G27,SN
01/13/18	Sat																						
01/14/18	Sun																						
01/15/18	Mon	100%							53	47	0		0%							65	35	0	290-320@7-11knts,SN
01/16/18	Tue	98%			2				57	41	0		91%			33	58			5	4	0	
01/17/18	Wed	100%							63	37	0		88%			31	57			5	7	0	
01/18/18	Thu	0%			41	59					0	180-190@6-7knts,G15	100%			45	55					0	
01/19/18	Fri	0%			39	61					0	180-200@7-12knts,G18	100%			44	56					0	
01/20/18	Sat																						
01/21/18	Sun																						
01/22/18	Mon	0%			45	54		1			0	230-250@10-15knts,G27	100%			40	60					0	
01/23/18	Tue	98%			1	1			63	35	0		88%			30	58			6	6	0	
01/24/18	Wed	99%			1				60	39	0		89%			33	56			6	5	0	
01/25/18	Thu	0%			45	55					0	180-190@6-8knts	100%			42	58					0	
01/26/18	Fri	0%			41	59					0	180-190@11-12knts,G22	100%			43	57					0	
01/27/18	Sat																						
01/28/18	Sun																						
01/29/18	Mon	100%							63	37	0		6%			3	3			56	38	0	350-020@4-11knts,SN
01/30/18	Tue	98%			1	1			58	40	0		95%			36	59			2	3	0	
01/31/18	Wed	0%			47	53					0	180-210@7-11knts	100%			41	59					0	

Preferred Flow

DATIS Reported Conditions Indicate  
Support for Non-Preferred Flow

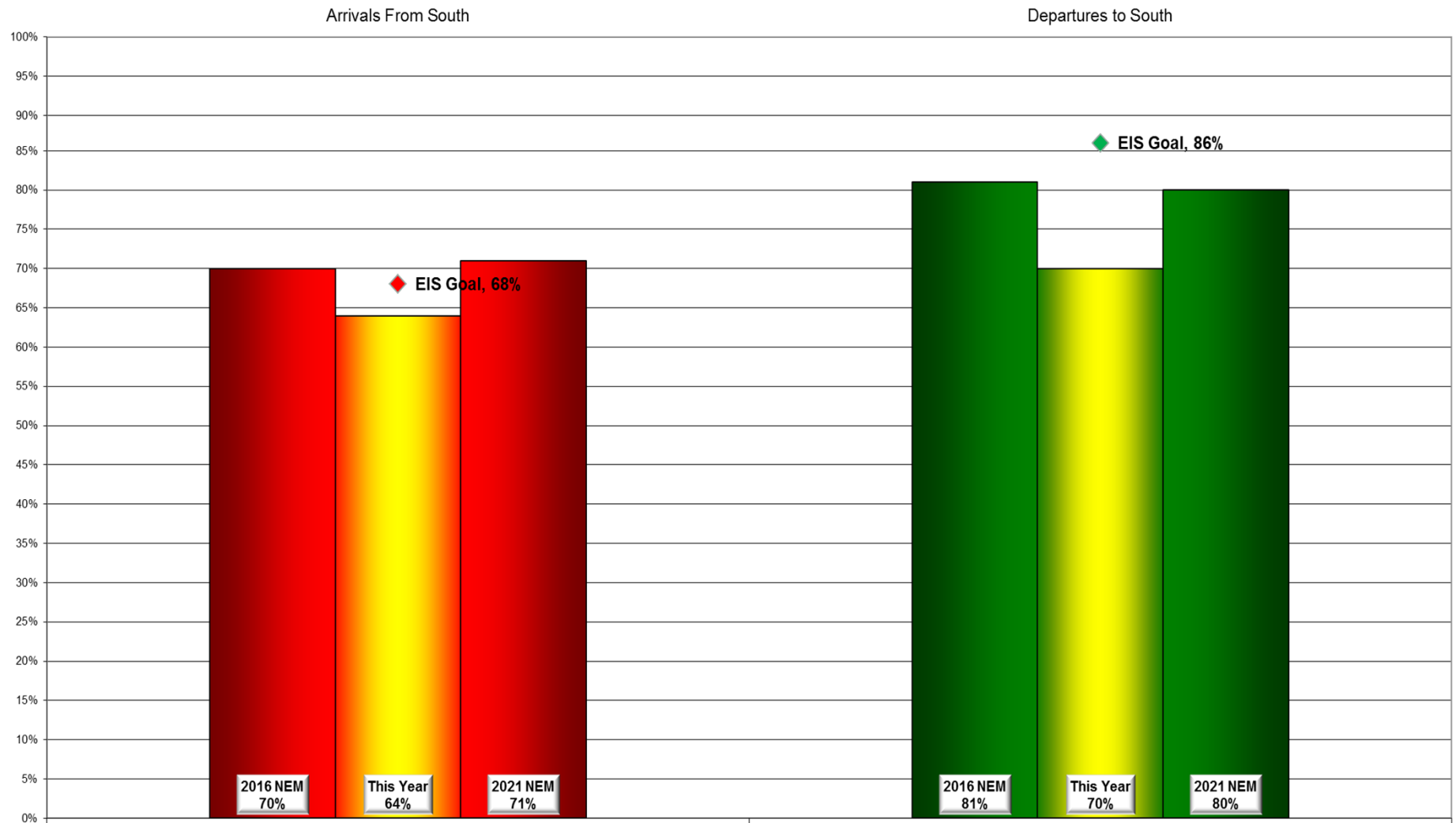
DATIS Reported Conditions Do Not Indicate  
Support for Non-Preferred Flow

## Monthly Contraflow February 1-28, 2018

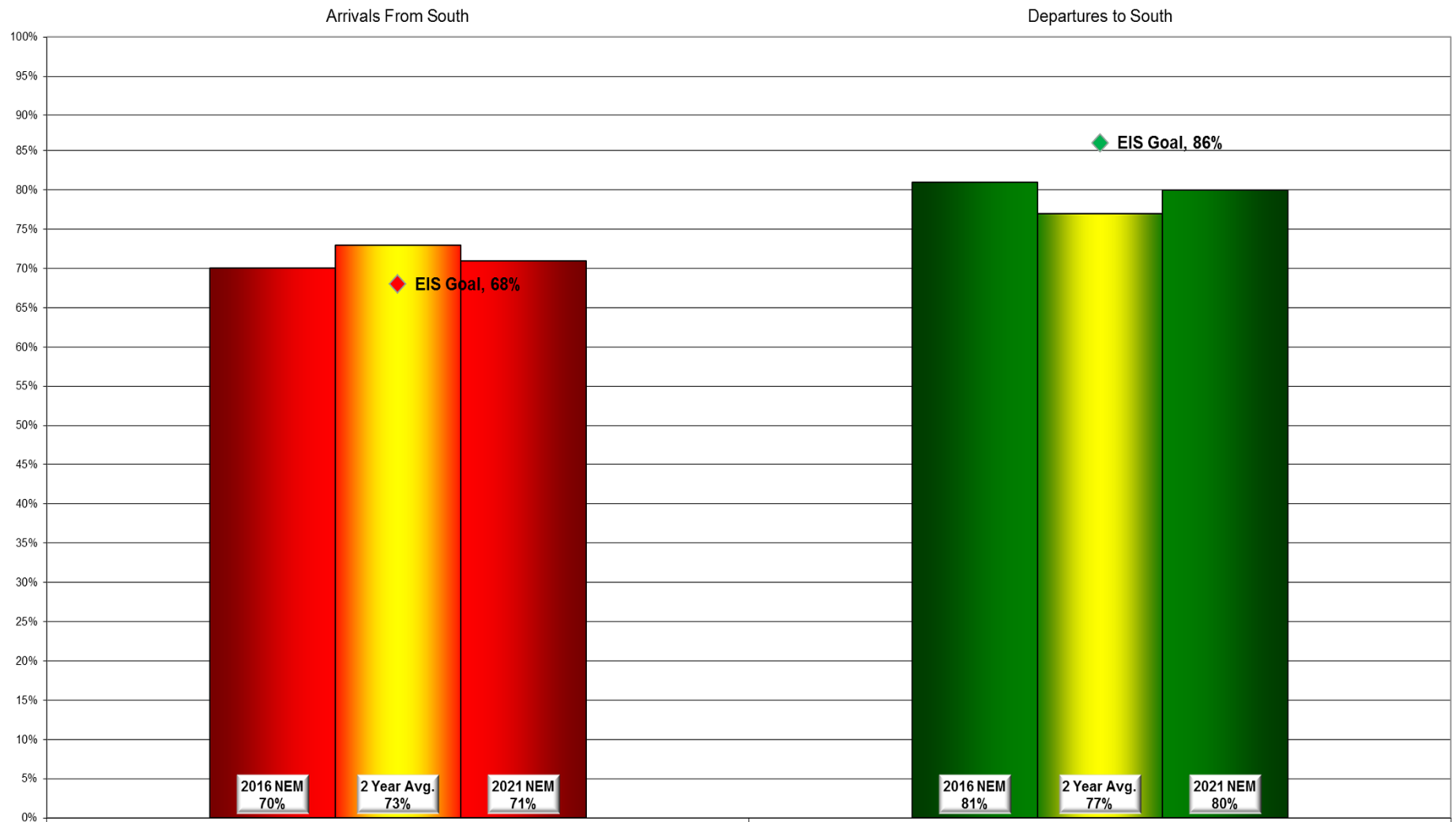




## Contraflow This Year As of March 2, 2018



## Contraflow 2 Year Average March 2016 - February 2018



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

Arrivals From the South (Goal 68%)										Departures to the South (Goal 86%)									
	2011	2012	2013	2014	2015	2016	2017	2018	Avg		2011	2012	2013	2014	2015	2016	2017	2018	Avg
Jan	91%	62%	72%	51%	76%	69%	65%	60%	68%	Jan	71%	80%	65%	81%	76%	69%	61%	72%	72%
Feb	73%	69%	77%	72%	66%	80%	58%	67%	70%	Feb	63%	74%	78%	71%	76%	67%	77%	70%	72%
Mar	52%	61%	87%	60%	71%	63%	79%		69%	Mar	72%	96%	77%	77%	66%	77%	62%		76%
Apr	47%	78%	60%	67%	53%	86%	56%		63%	Apr	83%	76%	89%	83%	77%	73%	80%		81%
May	69%	72%	46%	60%	75%	62%	75%		64%	May	85%	81%	85%	92%	80%	80%	80%		84%
Jun	61%	79%	76%	75%	57%	79%	74%		71%	Jun	93%	87%	80%	91%	91%	83%	93%		89%
Jul	91%	62%	74%	79%	74%	59%	85%		73%	Jul	88%	92%	88%	85%	80%	91%	85%		87%
Aug	82%	49%	84%	61%	86%	76%	79%		72%	Aug	91%	91%	92%	92%	91%	90%	90%		91%
Sep	85%	55%	86%	85%	95%	88%	85%		81%	Sep	64%	92%	87%	86%	73%	93%	31%		75%
Oct	88%	62%	87%	75%	86%	81%	81%		80%	Oct	63%	78%	89%	79%	74%	81%	82%		78%
Nov	55%	84%	73%	78%	59%	74%	69%		72%	Nov	72%	81%	83%	62%	88%	77%	75%		77%
Dec	70%	64%	58%	78%	55%	75%	74%		68%	Dec	65%	67%	71%	68%	79%	62%	74%		71%
Avg	72%	66%	73%	70%	71%	74%	73%	64%		Avg	76%	83%	82%	81%	79%	79%	74%	71%	

\*Number is percentage of all operations between 10:00 PM - 7:00 AM

# Daily Runway Use Summary – February 2018

(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			
02/01/18	Thu	100%						61	39	0		0%						56	44	0	300-320@8-13knts,G18
02/02/18	Fri	90%			5	5		58	32	0		97%			37	60		1	2	0	
02/03/18	Sat																				
02/04/18	Sun																				
02/05/18	Mon	95%			3	2		59	36	0		94%			36	58		3	3	0	
02/06/18	Tue	99%				1		62	37	0		0%						56	44	0	360-020@5-10knts,FZRA
02/07/18	Wed	97%			1	2		62	35	0		95%			38	57		1	4	0	
02/08/18	Thu	96%			2	2		60	36	0		92%			32	60		4	4	0	
02/09/18	Fri	93%			1	6		59	34	0		91%			36	55		4	5	0	
02/10/18	Sat																				
02/11/18	Sun																				
02/12/18	Mon	98%				2		59	39	0		89%			36	53		6	5	0	
02/13/18	Tue	92%			5	3		55	37	0		95%			34	61		3	2	0	
02/14/18	Wed	0%			45	55				0	190-230@9-13knts,G19,/DZ	100%			35	65				0	
02/15/18	Thu	3%			38	59		3		0	220-230@13-18knts,G31	5%			1	4		55	40	0	240-340@8-13knts,RA
02/16/18	Fri	94%			2	4		56	38	0		94%			38	56		1	5	0	
02/17/18	Sat																				
02/18/18	Sun																				
02/19/18	Mon	0%			50	50				0	170-180@12-15knts,G24	100%			39	61				0	
02/20/18	Tue	2%			45	53		2		0	170-180@15-21knts,G28	72%			28	44		14	14	0	320-080@3-17knts,G30,RA
02/21/18	Wed	100%						64	36	0		0%						58	42	0	010-060@5-12knts,G20,RA
02/22/18	Thu	96%			2	2		55	41	0		89%			39	50		5	6	0	
02/23/18	Fri	80%			12	8		50	30	0		2%			1	1		56	42	0	360-010@4-10knts,RA
02/24/18	Sat																				
02/25/18	Sun																				
02/26/18	Mon	98%			1	1		56	42	0		93%			33	60		3	4	0	
02/27/18	Tue	0%			44	56		0	0	0	180-190@6-9knts	100%			38	62				0	
02/28/18	Wed	0%			43	57				0	130-160@5-7knts	100%			40	60				0	

Preferred Flow

DATIS Reported Conditions Indicate  
Support for Non-Preferred Flow

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

# NOISE COMMENT REPORT



January 2018

# Comments (SDF/LOU)

## January 2018

Street	Zip Code	Time Received	Time	Airport	Disturbance Type	CNF Quad	Status	Operation or Comment Type <sup>1</sup>	Deviation Type <sup>2</sup>	Comments
Administration Dr	40209	2018-01-05 15:19:00	2018-01-05 15:19:00	LOU	Other	NE	Investigated	Standard	None	We are conducting a noise Survey for a property within 15 miles of Bowman Field. I am looking for the Noise contour map so we can see where this property lies.
Melford AV	40217	2018-01-10 00:31:00	2018-01-10 00:31:00	SDF	Noise At Wrong Time	NE	Investigated	Non-Standard	None	Once again I write to you to report UPS flights arriving from the north. This on a night that ADDS is reporting winds NNW at 5mph. According to the aviation authority's own guidance on contraflow, this speed is below the threshold wind speed of needing to forego contraflow for the sake of safety. The guidance on contraflow also states there are other factors that may determine the need to forego contraflow and disturb the more heavily populated areas to the north. But, these factors are not clearly defined and, it appears contraflow decisioning is arbitrarily determined, leaving residents at the mercy of the whims of air traffic control. It's been a while since I have expressed this concern. I wish I could say this is the first time since my last communication that I have noted contraflow not being observed on a relatively calm night. I guess I will have to start reporting every instance, so you can see the arbitrary use of contraflow.
Melford AV	40217	2018-01-10 23:10:00	2018-01-10 23:10:00	SDF	Noise At Wrong Time	NE	Investigated	Non-Standard	Weather	I just wanted to report another night without contraflow. It sounds like planes will come in from the north again. Wind speed is 2 mph.

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.

# Comments (SDF/LOU)

## January 2018

Street	Zip Code	Time Received	Time	Airport	Disturbance Type	CNF Quad	Status	Operation or Comment Type <sup>1</sup>	Deviation Type <sup>2</sup>	Comments
St James Ct	40208	2018-01-11 11:45:00	2018-01-11 11:45:00	SDF	Other	NW	Investigated	Non-Standard	Weather	I would like some information on the Noise Compatibility Program. We are a non-profit and I would like to know if this location would be eligible for sound insulation. We do tours and when the planes come over the tour guide has to stop talking.
Melford AV	40217	2018-01-14 23:54:00	2018-01-14 23:54:00	SDF	Noise At Wrong Time	NE	Investigated	Standard	None	Winds 4-5 mph and planes arriving from the north. I once again ask what are the conditions required for contraflow to be implemented. Why even have this in place if it's not followed?
Manchester Rd	40205	2018-01-20 00:30:00	2018-01-20 00:30:00	SDF	Too Much Noise	NE	Investigated	Non-Standard	Weather	How do I file a formal noise complaint for the UPS air traffic at night? I live in the Highlands and it is maddening. It begins around 11:00 p.m. and continues until the early morning hours. A plane is either landing or taking off every 5 to 15 minutes.
New High St	40209	2018-01-22 10:43:00	2018-01-22 10:43:00	SDF	Other	NW	Investigated	Standard	None	It has been awhile but I was checking to see if the 60 DNL applied to us.
Bland ST	40217	2018-01-25 09:50:00	2018-01-23 00:53:00	SDF	Aircraft Too Low	NE	Investigated	Non-Standard	Weather	Since the closing of the incinerator, the neighborhood has become a landing strip for your International Airport. What has happened is more pollution from the planes. I have been in bed when the planes pass so close I wonder whether the plane will hit my house. In modern times the incinerator placed in a predominately Black area is referred to as Environmental Racism. Now history is repeating itself with the pollution from the planes. I know that nothing will be done because of the history of this city polluting the economically deprived neighborhoods.

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.  
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# Comments (SDF/LOU)

## January 2018

Street	Zip Code	Time Received	Time	Airport	Disturbance Type	CNF Quad	Status	Operation or Comment Type <sup>1</sup>	Deviation Type <sup>2</sup>	Comments
Administration Dr	40209	2018-01-26 08:27:00	2018-01-26 08:27:00	SDF	Other	UNK	Investigated	Standard	None	Would it be possible to obtain a map showing the current lanes/paths taken by SDF departing/arriving planes, and preferably indicating the precise area of Louisville over which the planes are passing?
Gray Fox Dr	47150	2018-01-28 00:52:00	2018-01-28 00:35:00	SDF	Noise At Wrong Time	SI	Investigated	Standard	None	It is 12:35 a.m. on Sunday morning January 28th. I am writing to inform you yet again, that the control towers at Louisville International continuously are failing to follow the noise abatement program that was agreed upon. The wind speed is at 5 mph coming from the north, with overcast skies and no rain or storm situations. Essentially creating a tail wind landing that according to you yourself is a risky maneuver, although less risky with a calmer wind like this morning, but still a risk. These violations, pertaining to this incident, have been ongoing since 11:00 p.m. January 27th. The wind speed and direction at that time was 7 mph from the northwest and conditions identical to 12:35 a.m. If the control tower continues to violate the abatement program when conditions support it, legal actions may be the next step. Furthermore, since this seems to be a repeated offense, all future communications will be forwarded to the mayor of Louisville, the governor of Kentucky, the mayor of New Albany Indiana, the governor of Indiana, and a copy held for legal representatives if the need to pursue that course should become warranted.

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# Comments (SDF/LOU)

## January 2018

Street	Zip Code	Time Received	Time	Airport	Disturbance Type	CNF Quad	Status	Operation or Comment Type <sup>1</sup>	Deviation Type <sup>2</sup>	Comments
Manchester Rd	40205	2018-01-28 17:57:00	2018-01-28 17:57:00	SDF	Too Much Noise	NE	Investigated	Standard	None	It seems like the noise has gotten a lot worse over the past couple of years especially in the last 6 - 9 months. It's difficult to get to sleep most nights. It is constant, one after another, maybe 5 - 10 minutes in between planes. I feel this is going to negatively impact our property values; it's already had a dramatic impact on the quality of life in our neighborhood. It is necessary to sleep (or attempt to sleep) with a white noise machine. We have found that we and other neighbors have had to adjust our sleep schedules to try to get to sleep before 11:00 p.m. when the action seems to start. I'm happy UPS provides so many jobs in our city but they are making a lot of people miserable.
							Received	SDF	11	

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# Comment Location (SDF/LOU)

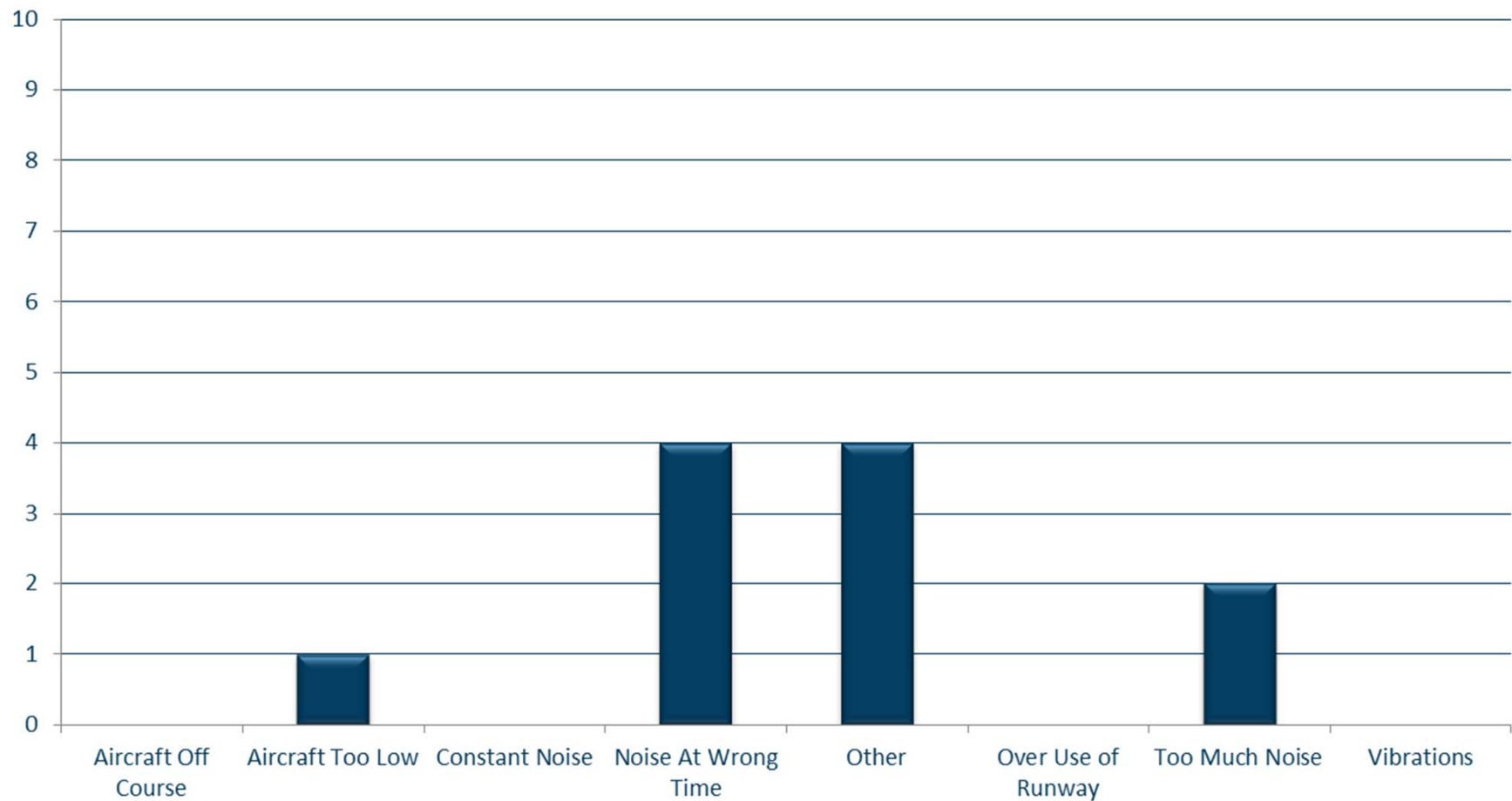
January 2018





# Comment Type (SDF and LOU)

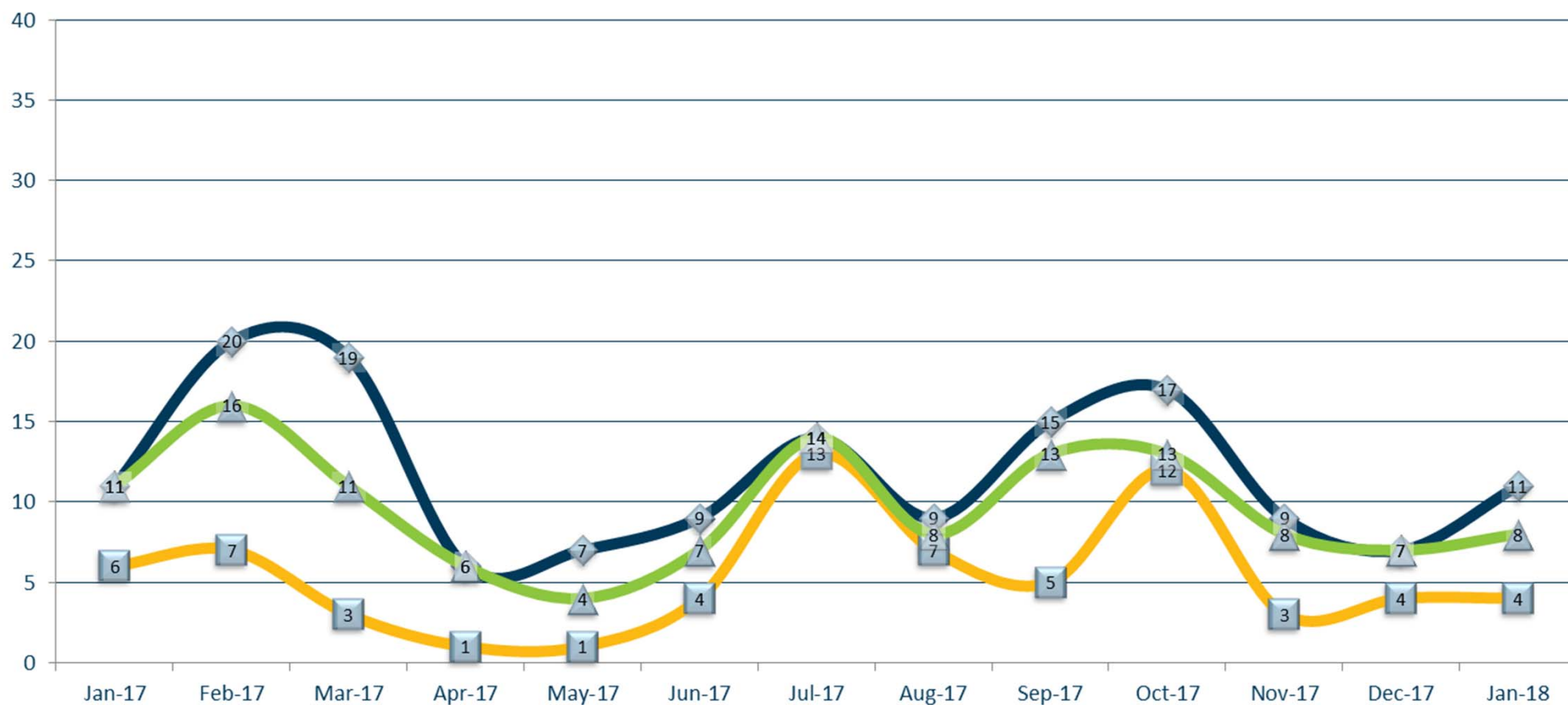
January 2018



# New Address/Comments per Month (SDF and LOU)

## January 2018

◆ Total Comments    ■ New Callers    ▲ Individual Callers



# NOISE COMMENT REPORT



February 2018

# Comments (SDF/LOU)

## February 2018

Street	Zip Code	Time Received	Time	Airport	Disturbance Type	CNF Quad	Status	Operation or Comment Type <sup>1</sup>	Deviation Type <sup>2</sup>	Comments
Manchester Rd	40205	2018-02-07 08:24:00	2018-02-07 08:24:00	SDF	Too Much Noise	NE	Investigated	Non-Standard	Weather	Following up on this noise complaint. The last two nights were unbearable. Please let me know what happens next. Is there a formal process for investigation? Citizens of a community should not have to suffer so UPS can make money. That is not acceptable. This is not being a good corporate citizen. Our neighborhood used to be peaceful at night, now it sounds like a truck is running over your house every 3 - 10 minutes.
Eastern PKY	40217	2018-02-08 21:32:00	2018-02-08 21:22:00	SDF	Too Much Noise	NE	Investigated	Non-Standard	Ops	Between 9:22 and 9:25 p.m. multiple planes (sounded like the C130) flew over and around my house on Eastern Parkway then could be heard sitting on the runway for the next 10 plus minutes. How are young children supposed to stay asleep with this noise going on? What am I to do when UPS adds more of the largest and loudest planes to the fleet? I have lived here for 14 years, the noise and vibration has become the worst it has ever been over the last 6 months.
Eastern PKY	40217	2018-02-10 05:25:00	2018-02-10 05:25:00	SDF	Vibrations	NE	Investigated	Standard	None	The planes taking off this morning are vibrating things on my walls and the sound woke me up.
Eastern PKY	40217	2018-02-10 05:49:00	2018-02-10 05:49:00	SDF	Vibrations	NE	Investigated	Standard	None	At 5:47 a.m. another plane is shaking things on my walls as it takes off. As I am writing another follows at 5:48. This is ridiculous.

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# Comments (SDF/LOU)

## February 2018

Street	Zip Code	Time Received	Time	Airport	Disturbance Type	CNF Quad	Status	Operation or Comment Type <sup>1</sup>	Deviation Type <sup>2</sup>	Comments
Budd Rd	47150	2018-02-11 18:31:00	2018-02-11 04:00:00	SDF	Too Much Noise	SI	Investigated	Non-Standard	Weather	Aircraft continue to go over the west end of New Albany, IN 47150. UPS aircraft are still keeping my family awake during quiet hours. The last several weeks are every day and night. During a night, as many as 60 or 70 flights go directly over our house. Every 30 seconds to one minute all night. This makes it impossible to sleep. Over this period there have been several very low jets where the windows rattle in the house. An example of this is at 4:00 a.m. on Sunday 2/11/2018 over our house on Budd Road. As I am writing this Sunday, 2/11/2018 there have been at least 50 or 60 over the house. So much for getting any peace or rest on my two days off. I have contacted you many times with no action to help. The low flights are very dangerous, this must stop.
Eastern PKY	40217	2018-02-14 20:29:00	2018-02-14 20:27:00	SDF	Vibrations	NE	Investigated	Non-Standard	Ops	A C-130 just flew over while trying to get kids to sleep and rattled everything in kitchen cabinets.
Raven Rd	40213	2018-02-14 20:30:00	2018-02-14 20:30:00	SDF	Vibrations	SE	Investigated	Non-Standard	Ops	I was given this email to file a complaint. I live in the Lynnview subdivision and have been told that planes never fly over our house; therefore, we do not qualify for the noise reduction perks from the airport. I just had a plane fly over my house. It rattled my entire house and knocked several pictures off my walls. This is not the 1st time this has happened. It really sucks when you try to sleep but can't because of this.

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.

# Comments (SDF/LOU)

## February 2018

Street	Zip Code	Time Received	Time	Airport	Disturbance Type	CNF Quad	Status	Operation or Comment Type <sup>1</sup>	Deviation Type <sup>2</sup>	Comments
Eastern PKY	40217	2018-02-16 03:47:00	2018-02-16 02:37:00	SDF	Too Much Noise	NE	Investigated	Non-Standard	Weather	<p>Tonight has been ridiculous with planes coming into the airport. I know it is raining. I have lost way too much sleep thanks to UPS. How does anyone in their right mind think it is ok to fly these planes over a residential area? Here's the pattern so far, planes have come in pairs: 2:37, 2:41, 2:48, 2:50, 3:30, 3:31, 3:37, and 3:39. How am I supposed to go to work and face my students? How am I supposed to function at my best for my family? How am I supposed to account for my own health when my sleep is continually interrupted by UPS and their planes? As I type this email it is 3:45 a.m. and there is another plane landing.</p>
Mud Ln	40229	2018-02-16 04:51:00	2018-02-16 02:51:00	SDF	Too Much Noise	SE	Investigated	Non-Standard	Weather	<p>I live over here off of Mud Lane. I have lived here for quite a few years. The noise that is coming from the airport tonight is just unbelievable. It has been going on for at least 2 hours. It is just a constant steady rumble that gets louder and then it quiets down a little bit and then gets louder again. It has just been non-stop for 2 hours. Just trying to find out who I can complain to about this. It is just way above normal.</p>

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# Comments (SDF/LOU)

## February 2018

Street	Zip Code	Time Received	Time	Airport	Disturbance Type	CNF Quad	Status	Operation or Comment Type <sup>1</sup>	Deviation Type <sup>2</sup>	Comments
Eastern PKY	40217	2018-02-16 04:30:00	2018-02-16 03:51:00	SDF	Too Much Noise	NE	Investigated	Non-Standard	Weather	At this point I am now just going to get up, it is 4:15 a.m. and another plane just flew over. Since my last email, not too long ago the pattern has been: 3:51, 3:53, 3:55, 4:01, 4:02, 4:04, 4:08, 4:09, 4:11, and 4:12. How is it healthy for me to be losing sleep like this? After 14 years of living in this house and working my butt off to have a plan to pay it off in 2 more years, I am ready to sell it and take on a new mortgage. Why? All of the noise from these planes. It is inhumane. And another plane flies over at 4:18 a.m.

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# Comments (SDF/LOU)

## February 2018

Street	Zip Code	Time Received	Time	Airport	Disturbance Type	CNF Quad	Status	Operation or Comment Type <sup>1</sup>	Deviation Type <sup>2</sup>	Comments
S Shelby St	40217	2018-02-19 10:17:00	2018-02-19 10:17:00	SDF	Other	NE	Investigated	Non-Standard	Weather	<p>I own and I am restoring the home on S. Shelby St. Louisville, KY, where I plan on living, maintaining my law office, and operating my non-profit legal services provider, The Louisville Center for Equal Justice. When I sleep there, however, it is a troubling nuisance to be awoken by the planes flying directly overhead, heard loudly throughout the house, mostly between 2-5 a.m. nightly. This is also a problem during the day; planes are visible directly overhead, making noise sufficient to cease all conversation. Most of the time, I reside on McHenry St., blocks away, where the problem is also present, but not as severe: Shelby St. seems to be particularly affected. At the moment, it appears these areas are not covered by any noise abatement or "noise compatibility" program. This is surprising because, as I have heard through my community work, many of my neighbors complain of the same issue. If we are affected at both of our homes, and a number of neighbors have complained about the same, surely many, many more of our neighbors are troubled. Is my understanding correct regarding the abatement program areas? Is there anything that can be done to improve my situation?</p>

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# Comments (SDF/LOU)

## February 2018

Street	Zip Code	Time Received	Time	Airport	Disturbance Type	CNF Quad	Status	Operation or Comment Type <sup>1</sup>	Deviation Type <sup>2</sup>	Comments
Pinecroft Dr	40219	2018-02-21 13:14:00	2018-02-21 02:15:00	SDF	Noise At Wrong Time	SE	Investigated	Non-Standard	Weather	I'm not sure if UPS' aircraft noise falls under your complaint department or not. If not, could you please point me in the right direct? I live in a neighborhood off Outer Loop behind Texas Roadhouse and UPS flights frequently wake us up. It's something that we are used to happening at 4 a.m. Mostly we sleep through it. Unfortunately, when they change their flight times, like they did last night, it's a disruption to our normal sleep patterns. My 3-year old is very wakeful during the hours of 2-3 a.m. Any disturbance can wake him. Usually he can go back to sleep, unless we have aircrafts flying overhead every 10 minutes. This morning we were woken up at 2:15 a.m. and UPS was flying out. We finally fell back to sleep at 4 a.m. (we have to be up at 5 a.m.) when we turned on the TV to diminish the severity of the departing aircraft. I don't remember where I first obtained the information, but I was under the assumption that UPS wasn't supposed to fly out between the hours of 12 a.m. and 4 a.m., am I incorrect? Is this going to be a frequent occurrence?
Eastern PKY	40217	2018-02-23 16:05:00	2018-02-23 01:58:00	SDF	Too Much Noise	NE	Investigated	Non-Standard	Ops	At approximately 1:58 a.m. today one of the louder flyovers I can remember happened this morning. I was unfortunately up the rest of the night listening to planes land.
Norton Ave	40213	2018-02-27 13:55:00	2018-02-27 13:55:00	SDF	Other	SE	Investigated	Standard	None	I would like to know if this address is within the DNL 60-65 noise contour.

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# Comments (SDF/LOU)

## February 2018

Street	Zip Code	Time Received	Time	Airport	Disturbance Type	CNF Quad	Status	Operation or Comment Type <sup>1</sup>	Deviation Type <sup>2</sup>	Comments
Celina Dr	40213	2018-02-27 13:55:00	2018-02-27 13:55:00	SDF	Other	SE	Investigated	Standard	None	I would like to know if this address is within the DNL 60-65 noise contour.
Forest Brook Dr	40207	2018-02-28 07:39:00	2018-02-28 05:30:00	SDF	Aircraft Off Course	NE	Investigated	Standard	None	I live on Forest Brook Dr. I have a 1.5 story home with my children rooms upstairs. I got the pleasure of sleeping up there this morning (Wednesday) due to sick children and was appalled by the constant stream of airplanes flying over my house from about 5:30 a.m. until 7. I understand that I live close to the airport and noise is inevitable, but at this time of the day it seems ridiculous and unnecessary. I mean it had to have been practice flights because it literally sounded like a plane flying circles over my house. Please explain.
							Received	SDF	16	

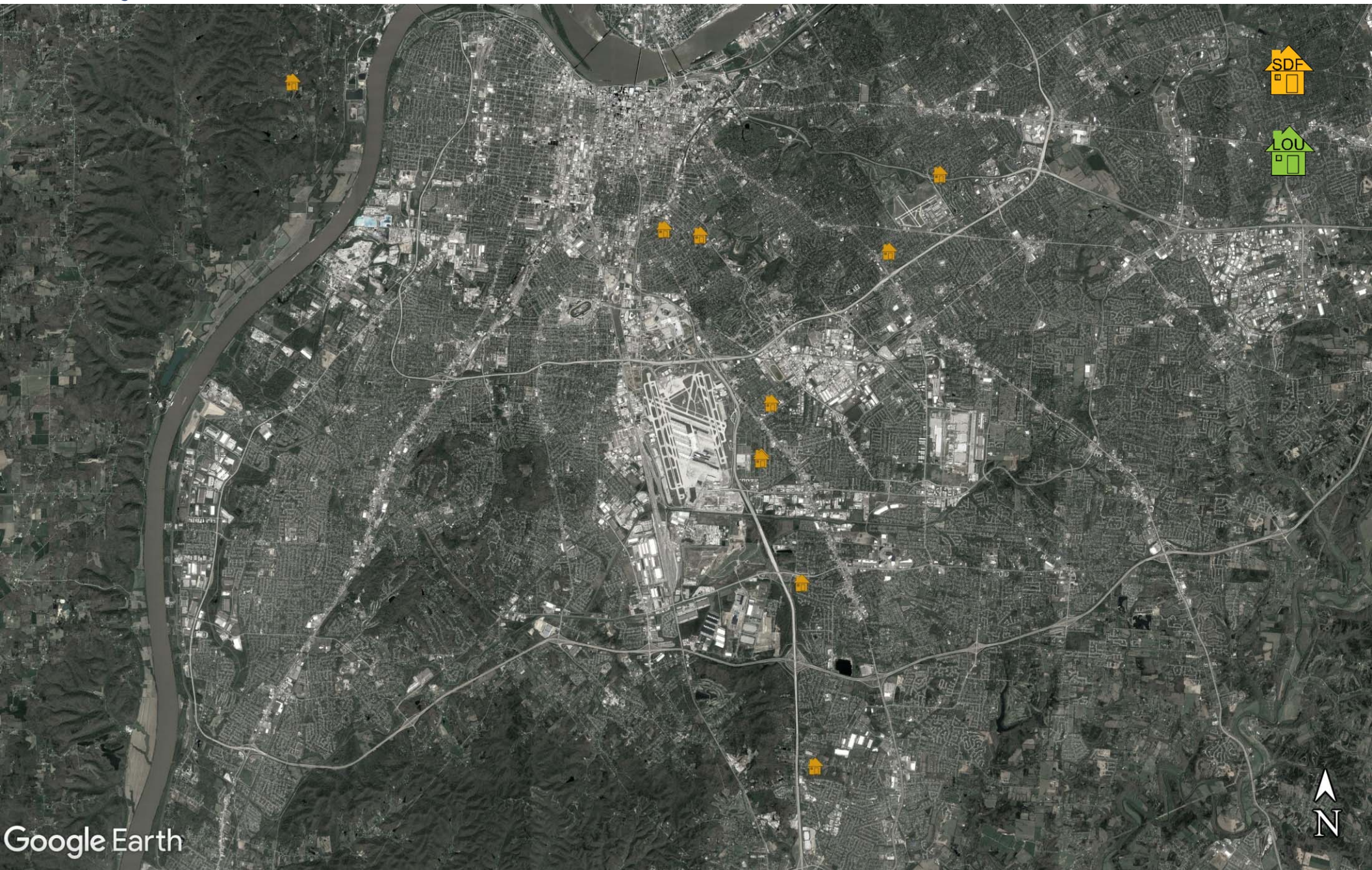
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# Comment Location (SDF/LOU)

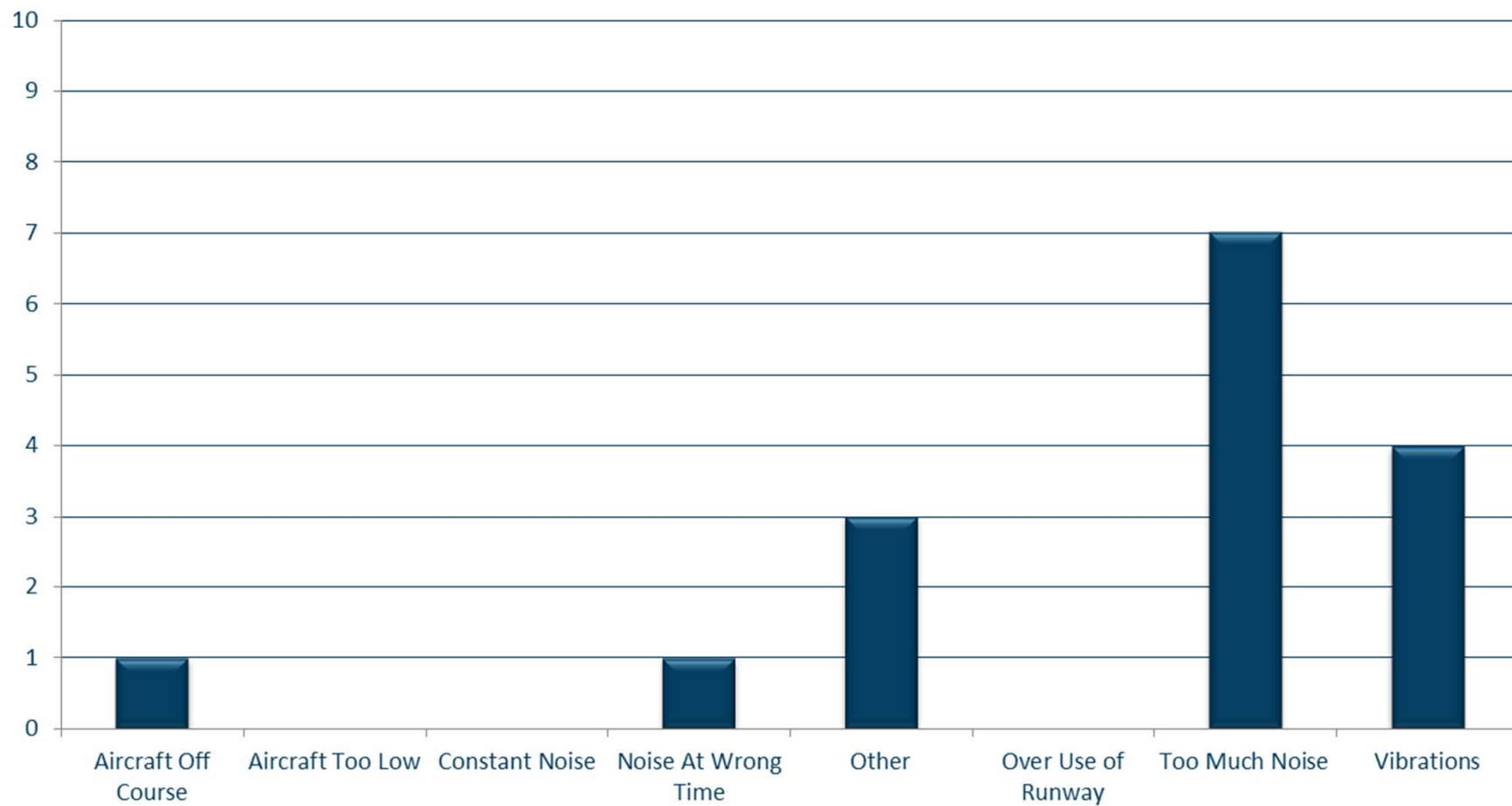
February 2018





# Comment Type (SDF and LOU)

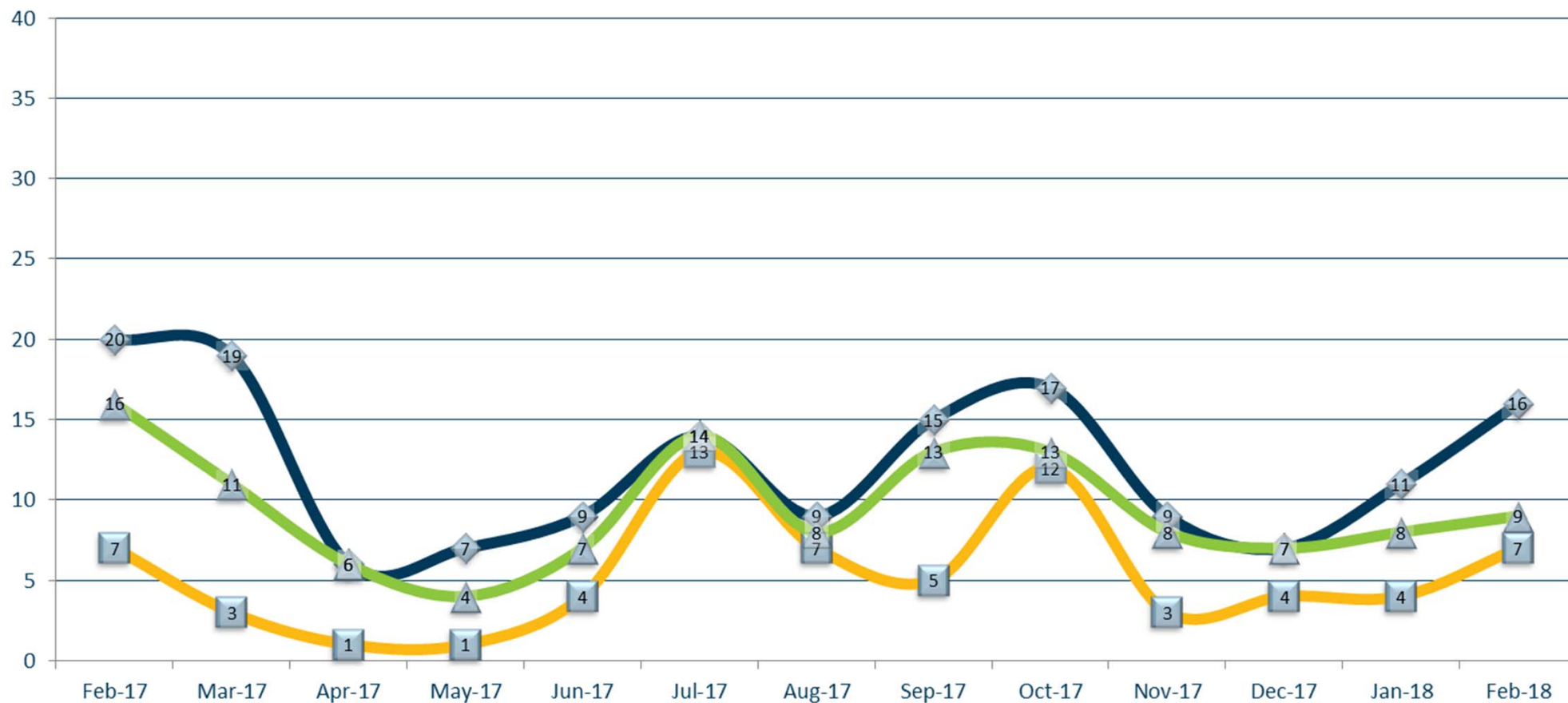
February 2018



# New Address/Comments per Month (SDF and LOU)

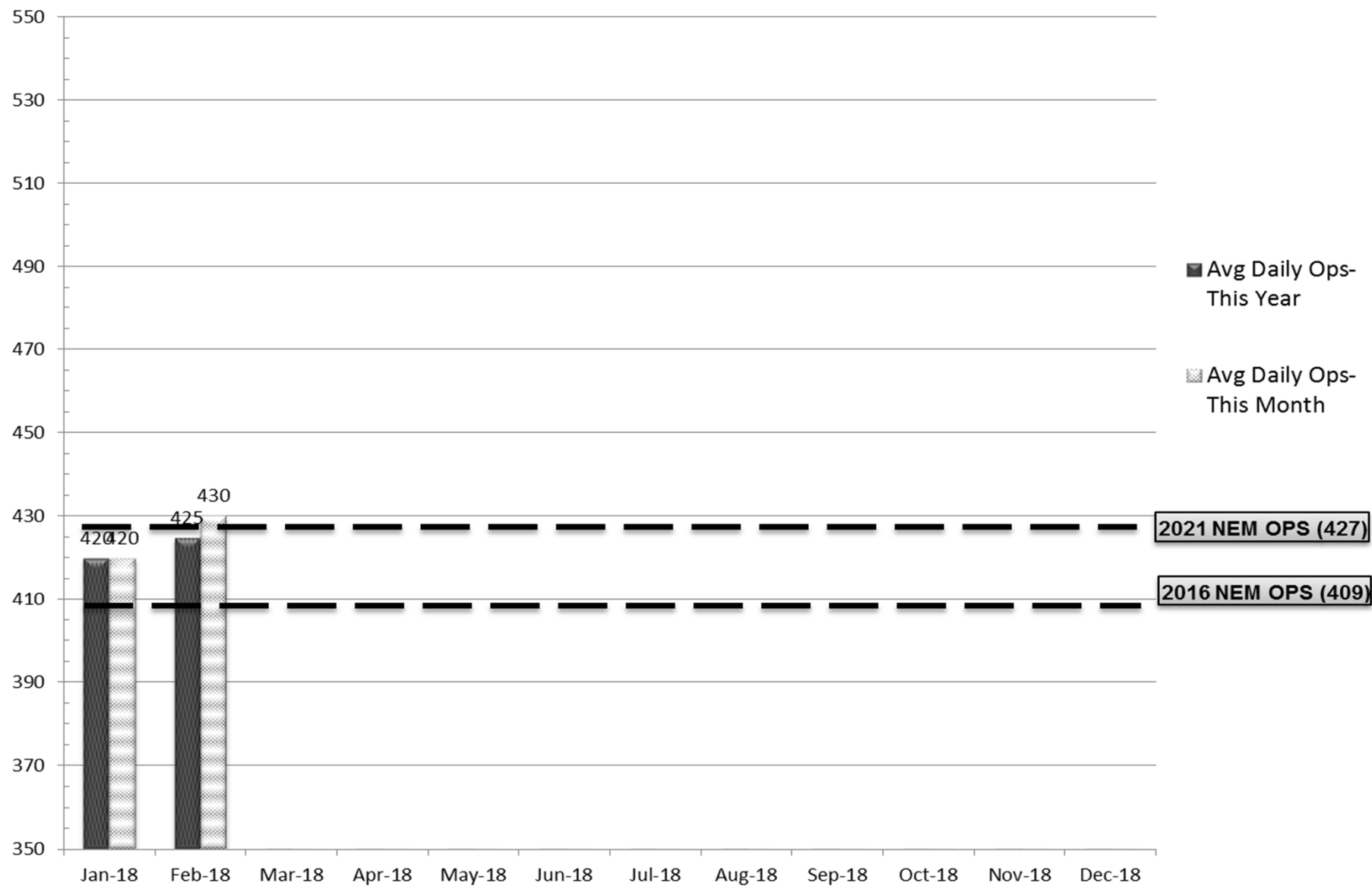
## February 2018

◆ Total Comments    ■ New Callers    ▲ Individual Callers



# Operations (SDF)

As of February 28, 2018





# Daily Runway Use Uncorrected (SDF) January 2018

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

South Flow is Preferred Flow from 09:30 Saturday - 09:30 Monday

X Complaint

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

# Daily Runway Use (SDF)

Tower Comments January 2018

Day	Date	Time	Comment
Mon	1-Jan-18	0300-0900	Wind 3209
Mon	1-Jan-18	1300-1530	Wind 3409
Tue	2-Jan-18		
Wed	3-Jan-18	1030-1230	Wind 2110
Thu	4-Jan-18	0730-0900	Wind 3110
Thu	4-Jan-18	1430-2130	Wind 3210
Fri	5-Jan-18	0300-0900	Wind 3209
Sat	6-Jan-18		
Sun	7-Jan-18		
Mon	8-Jan-18	2000-2130	Wind 1610G14
Tue	9-Jan-18	0930-1230	Wet RWY's
Tue	9-Jan-18	2200-0000	Wind Aloft 1830
Wed	10-Jan-18	0000-0230	Wind Aloft and Wind Forecast 1830
Thu	11-Jan-18		
Fri	12-Jan-18		
Sat	13-Jan-18		
Sun	14-Jan-18		
Mon	15-Jan-18		
Tue	16-Jan-18	1300-2000	Wet RWY's wind 3208
Wed	17-Jan-18	1600-2130	Wet RWY's wind 2609
Thu	18-Jan-18		
Fri	19-Jan-18		
Sat	20-Jan-18		
Sun	21-Jan-18		
Mon	22-Jan-18		
Tue	23-Jan-18	1930-2130	Wet RWY's wind 2608
Wed	24-Jan-18	1300-1730	Wind 2912
Thu	25-Jan-18		
Fri	26-Jan-18	0930-1230	Wind 2010 - fcast 1914G22
Sat	27-Jan-18		
Sun	28-Jan-18	0430-1200	Wet RWY's
Mon	29-Jan-18		
Tue	30-Jan-18	0930-1230	Operational Necessity - RWY Closure
Wed	31-Jan-18		

# Daily Runway Use Uncorrected (SDF) February 2018

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

South Flow is Preferred Flow from 09:30 Saturday - 09:30 Monday

X Complaint

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

# Daily Runway Use (SDF)

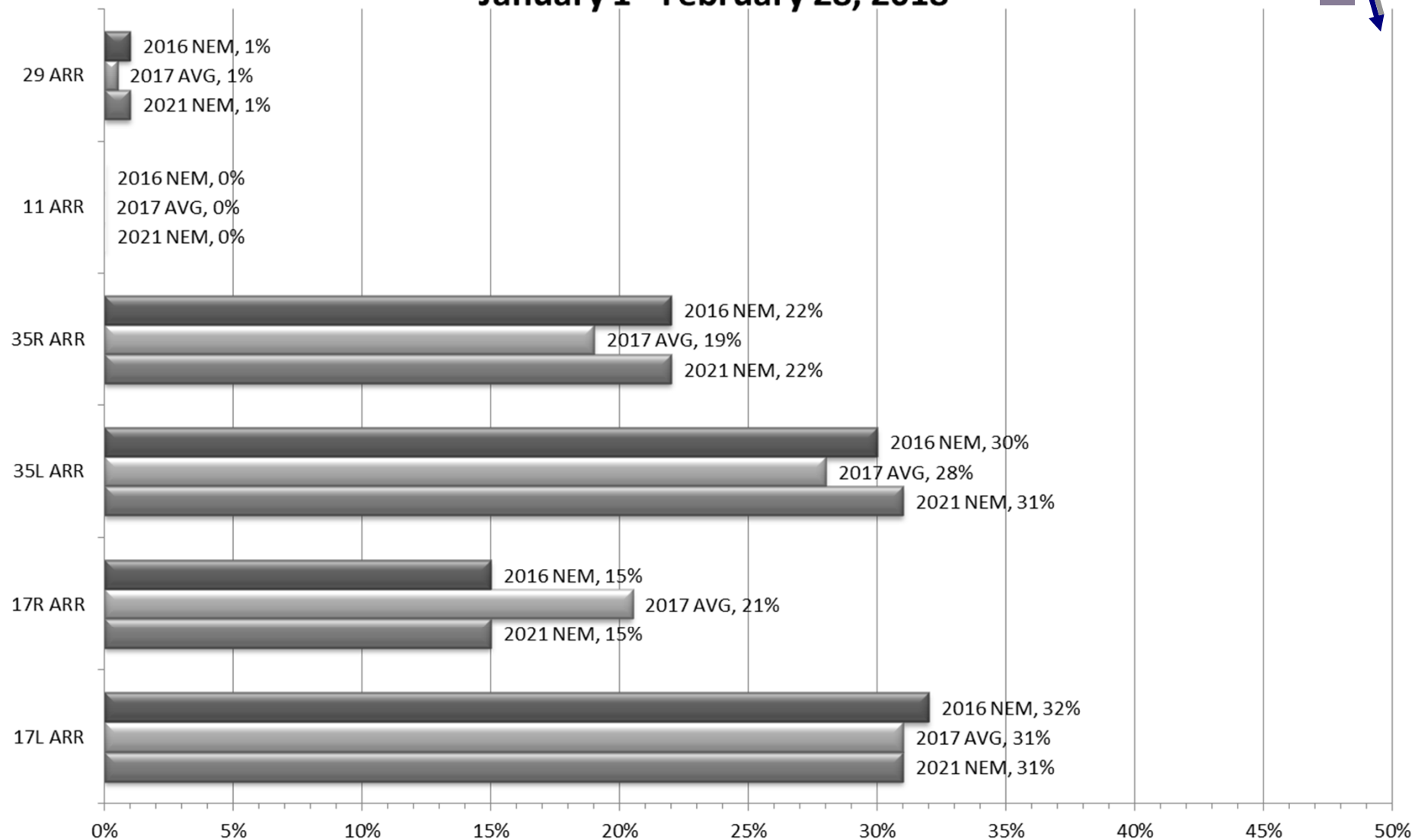
Tower Comments February 2018

Day	Date	Time	Comment
Thu	1-Feb-18		
Fri	2-Feb-18	0730-0900	Wind 3410
Fri	2-Feb-18	1300-1500	Wind 3212
Sat	3-Feb-18		
Sun	4-Feb-18		
Mon	5-Feb-18		
Tue	6-Feb-18		
Wed	7-Feb-18	1730-1830	Wind 3210
Thu	8-Feb-18		
Fri	9-Feb-18		
Sat	10-Feb-18		
Sun	11-Feb-18		
Mon	12-Feb-18		
Tue	13-Feb-18	0930-1230	operational necessity
Wed	14-Feb-18		
Thu	15-Feb-18		
Fri	16-Feb-18	2000-2130	Wind 0110
Sat	17-Feb-18	1400-1630	Wet Runways
Sun	18-Feb-18	0100-0630	Wind 2709
Mon	19-Feb-18		
Tue	20-Feb-18		
Wed	21-Feb-18		
Thu	22-Feb-18	0730-0900	Wind 3608
Fri	23-Feb-18		
Sat	24-Feb-18		
Sun	25-Feb-18	0800-1330	Wind 3011G20
Mon	26-Feb-18		
Tue	27-Feb-18	0930-1200	Wind 1509G16
Wed	28-Feb-18	2200-0000	Wet Runways

# Runway Use (SDF Arrivals)

NEM vs. Actual

January 1 - February 28, 2018

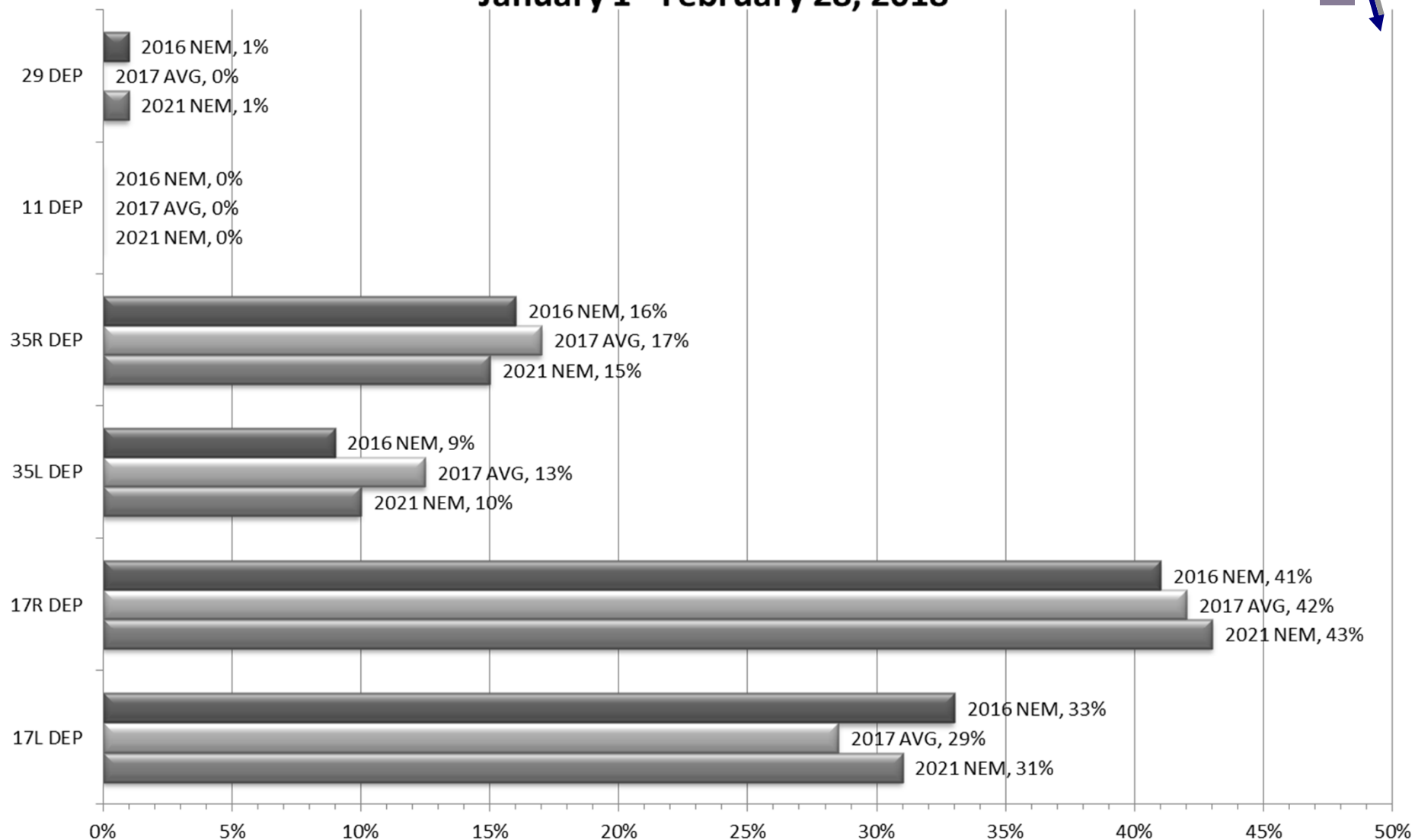


Source: Louisville International Airport  
Aircraft Flight Tracking and Noise Management System (AFTNMS)

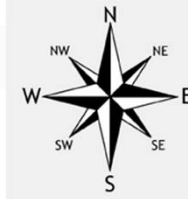
# Runway Use (SDF Departures)

NEM vs. Actual

January 1 - February 28, 2018



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



# Runway Use 0930L-1230L<sub>(SDF)</sub>

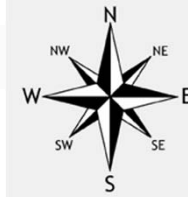
As of February 2018

	Arrival Percentage by Runway								Departure Percentage by Runway							
	11	17L	17R	29	35L	35R	% From South	Arrival Count	11	17L	17R	29	35L	35R	% To North	Departure Count
Mar-16	0	33	37	0	21	9	30	796	0	31	29	4	9	27	36	396
Apr-16	0	27	17	8	31	17	48	712	1	30	17	6	15	31	46	356
May-16	0	17	25	0	37	21	58	821	0	21	19	4	25	31	56	394
Jun-16	0	9	12	0	49	30	79	816	0	14	9	4	24	49	73	392
Jul-16	0	17	30	1	32	20	52	723	0	17	27	2	14	40	54	394
Aug-16	0	14	46	0	21	19	40	845	0	18	35	1	13	33	46	404
Sep-16	0	14	27	0	37	22	59	856	0	14	22	0	9	55	64	399
Oct-16	0	16	35	0	24	25	49	803	0	19	25	1	0	55	55	393
Nov-16	0	27	31	0	24	18	42	912	0	26	30	0	1	43	44	394
Dec-16	0	9	6	3	52	30	82	1090	0	9	11	3	10	67	77	429
Jan-17	0	17	22	6	32	23	55	871	0	15	17	5	6	57	63	365
Feb-17	0	21	27	0	28	24	52	815	0	23	28	0	3	46	49	363
Mar-17	0	25	16	0	35	24	59	943	0	23	23	0	11	43	54	395
Apr-17	0	16	49	1	22	12	34	836	1	19	38	5	10	27	37	397
May-17	0	28	20	0	30	22	52	1027	0	29	16	0	13	42	55	460
Jun-17	0	29	28	0	16	27	43	960	0	24	34	1	10	31	41	435
Jul-17	0	30	28	0	23	19	42	866	0	28	20	2	6	44	50	377
Aug-17	0	15	24	0	42	19	61	1001	0	20	18	0	10	52	62	453
Sep-17	0	10	6	1	45	38	83	903	0	14	3	2	12	69	81	495
Oct-17	0	21	24	0	29	26	55	936	0	25	18	1	9	47	56	451
Nov-17	0	20	23	0	25	32	57	956	0	19	21	0	9	51	60	439
Dec-17	0	10	11	0	49	30	79	1064	1	9	13	1	16	60	76	510
Jan-18	0	27	19	5	31	18	49	862	0	24	18	5	6	47	53	329
Feb-18	0	19	32	1	28	20	48	847	0	19	24	1	6	50	56	323
Monthly Avg.	0	20	25	1	32	23	55		0	20	21	2	10	46	56	

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

# Gate Compliance by Runway

As of February 28, 2018



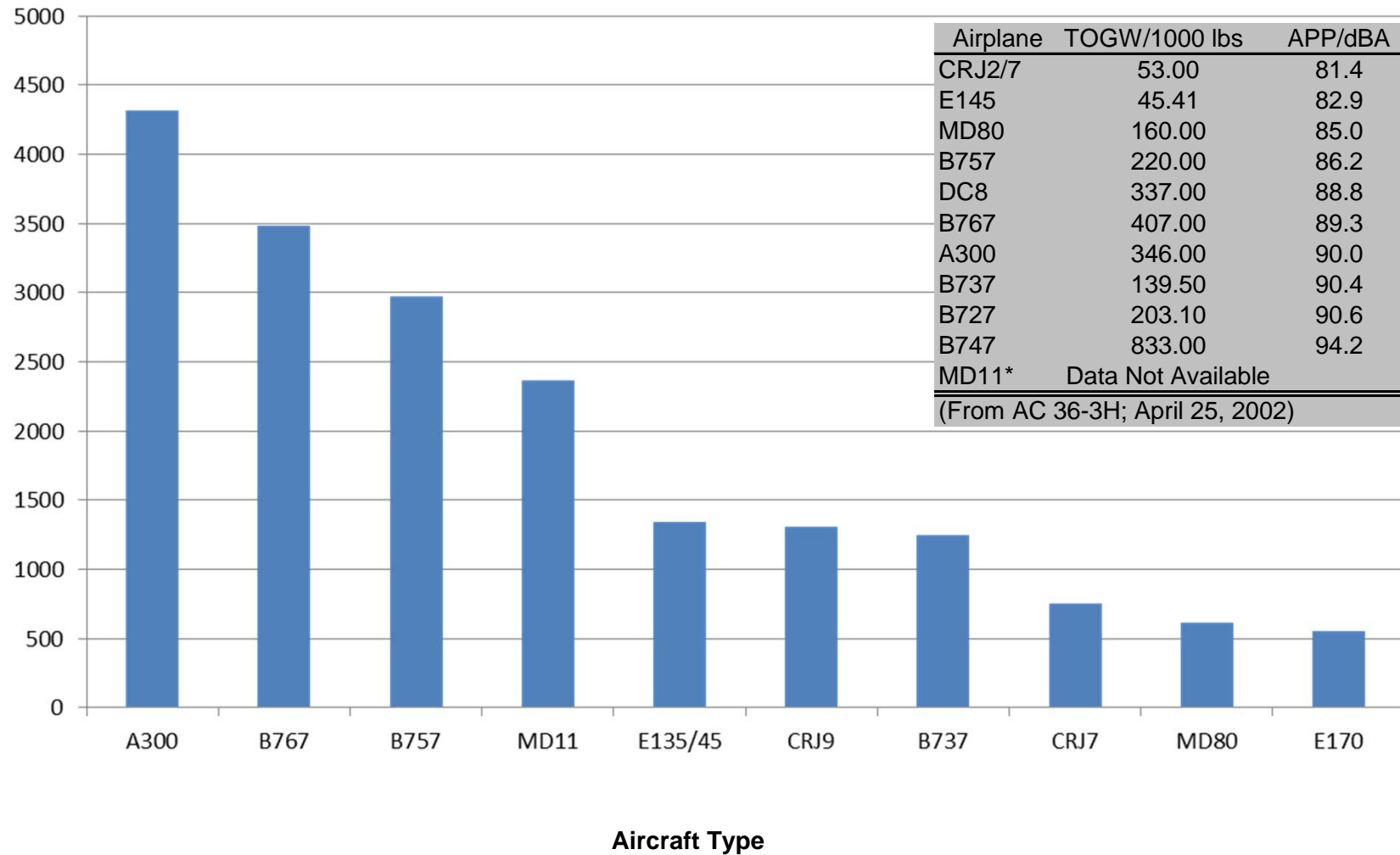
	ARRIVALS Percent Compliant					Departure Percent Compliant				
Month	17L	17R	35L	35R	ARR AVG	17L	17R	35L	35R	DEP AVG
Jan-16	83%	94%	89%	88%	89%	74%	90%	63%	83%	78%
Feb-16	80%	94%	91%	91%	89%	85%	89%	75%	83%	83%
Mar-16	85%	95%	89%	88%	89%	70%	87%	73%	85%	79%
Apr-16	80%	90%	86%	87%	86%	83%	83%	69%	82%	79%
May-16	82%	93%	86%	87%	87%	82%	87%	65%	88%	81%
Jun-16	77%	91%	85%	85%	85%	87%	88%	75%	85%	84%
Jul-16	84%	92%	88%	91%	89%	82%	88%	61%	88%	80%
Aug-16	85%	94%	87%	88%	89%	85%	88%	72%	89%	84%
Sep-16	80%	91%	89%	89%	87%	84%	90%	61%	88%	81%
Oct-16	82%	92%	86%	86%	87%	82%	90%	74%	90%	84%
Nov-16	84%	94%	90%	86%	89%	78%	89%	70%	88%	81%
Dec-16	89%	94%	92%	92%	92%	80%	87%	74%	80%	80%
Jan-17	88%	96%	93%	92%	92%	66%	91%	78%	84%	80%
Feb-17	87%	95%	91%	88%	90%	72%	92%	81%	87%	83%
Mar-17	87%	96%	90%	89%	91%	70%	89%	72%	88%	80%
Apr-17	86%	94%	87%	92%	90%	69%	86%	76%	85%	79%
May-17	86%	90%	90%	89%	89%	72%	90%	67%	84%	78%
Jun-17	87%	87%	87%	88%	87%	79%	91%	69%	87%	82%
Jul-17	87%	92%	90%	90%	90%	81%	89%	67%	86%	81%
Aug-17	84%	93%	90%	87%	89%	80%	84%	73%	91%	82%
Sep-17	87%	91%	88%	90%	89%	91%	90%	74%	85%	85%
Oct-17	88%	95%	89%	88%	90%	80%	87%	77%	89%	83%
Nov-17	88%	94%	91%	91%	91%	76%	90%	67%	91%	81%
Dec-17	88%	95%	92%	92%	92%	77%	89%	73%	86%	81%
Jan-18	89%	96%	92%	91%	92%	71%	91%	71%	85%	80%
Feb-18	90%	97%	93%	91%	93%	69%	87%	70%	83%	77%
<b>24 Month Avg.</b>					<b>89%</b>					<b>81%</b>

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



# Operations by Aircraft Type (SDF) Only Top 10 Aircraft Types Shown

January / February 2018



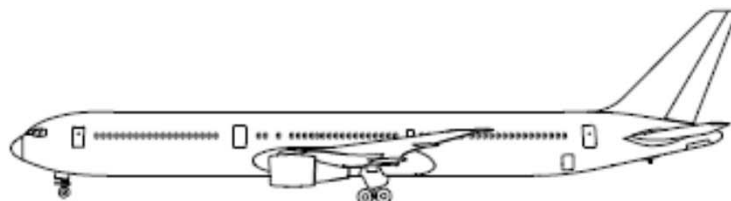
Source: Louisville International Airport

Aircraft Flight Tracking and Noise Management System (AFTNMS)

# Sample Aircraft Types (SDF)



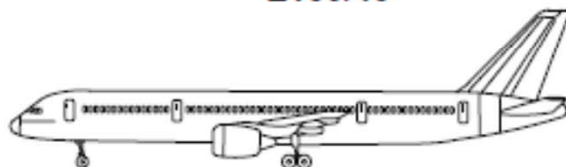
**A300**



**B767**



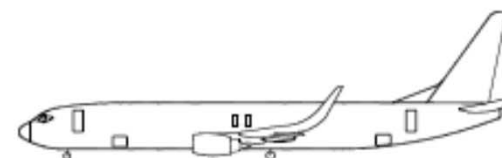
**E135/45**



**B757**



**MD11**



**B737**



**CRJ2**



**E170**



**MD80**



**CRJ9**