

Community Noise Forum
Monday, May 22, 2017
Agenda

- I. Call to Order: 6:00 PM
- II. Minutes of March 27, 2017
- III.. Part 150 NCP
 - A. Update: Noise Insulation Program
 - B. Contraflow Exceptions
- IV. Current Noise Concerns
 - A. Noise Concerns/Complaints
 - B. Runway Utilization
 - C. Construction and Maintenance Activity
- V. Guest Comments
- VI Announcements
- VII.. Next Meeting: Monday, July 24, 2017
- IX. Adjournment

COMMUNITY NOISE FORUM (CNF)
Monday, March 27, 2017

Members

John Sistarenik, ANA
Tom Foote, Airline Affairs
Mary Rose Evans, LRAA Board
Brian Sinnwell, LRAA
Bob Slattery, LRAA

Pat Gould, Northeast
John Greathouse, Southwest (Alt)
Denny Thompson, Southeast
Mike Zanone, Northwest
Verna Goately, Metro

Guests

Tom Denton, BNA
Shane Smith, Schnitzelburg

The meeting was called to order at 6:00 p.m. by John Sistarenik. A motion to approve the meeting notes for the January meeting as written was made by Pat Gould and seconded by Denny Thompson.

Election of officers for Chair and Vice Chair were held. John Sistarenik was re-elected as Chair with a nomination from Mike Zanone and seconded by Denny Thompson. Tom Foote was re-elected as Vice Chair with a nomination from Mary Rose Evans and seconded by John Greathouse. John and Tom will serve as Chair and Vice Chair, respectively, for one year.

Part 150 NCP:

The 2016 and 2021 Noise Exposure Maps and report were submitted to the FAA on December 23, 2016. We are currently awaiting FAA acceptance.

- A. Update: University of Louisville:** A total of 24 buildings have been tested. Testing results were received in October 2016. Two of the buildings tested had an overall interior noise level above 45 dB. There are six additional buildings that have rooms that exceed the 45 dB criteria on an individual basis but do not qualify for full treatment of the entire structure. We are currently entering the design phase of the project.
- B. Contraflow Exceptions:** Contraflow for January was 65% **for arrivals** from the south and 61% **for departures** to the south. In February, **arrivals** from south were 58% and **departures** to the south were 77%. A daily summary for January and February is contained in the handout. The 2 year average (March 2015-February 2017) for contraflow is 72% for arrivals and 78% for departures. A monthly summary going back 8 years is also included in the handout.

Current Noise Concerns:

A. Report on Noise Concerns/Complaints: A total of 11 comments were received in January. All on the east side of the airport, 1 was from Bowman Field. In February, a total of 20 comments were received. All comments were received by the LRAA. Comments and location are contained in the handout. On February 27 between approximately 10:00 p.m. and 11:00 p.m. an aircraft maintenance run-up was conducted on taxiway "A" on the west side of the airport. This event was responsible for 5 individual comments. Most run-ups conducted between the hours of 7:00 a.m. to 9:00 p.m. and the location is near the center of the airfield north of the UPS facilities. Run-ups may be required to be conducted at night or a different location. These exceptions are handled on a case-by-case basis and are not standard operating procedure. The established procedure for conducting engine run-ups has not changed.

B. Runway Utilization: Runway utilization percentages for January and February are contained in the handout. Daily runway utilization and comments from the Air Traffic Control Tower are also included in the handout.

C. Construction and Maintenance Activity: Brian Sinnwell reported that there are no active construction projects on the airfield. Apron work for areas around the terminal will begin in April. A runway rehab project for the west runway is slated for later this summer. There is good progress on the Woodlawn overpass. Currently, one half of the bridge is completed and open. Once the second half is completed we will begin the repaving and asphalt work on Almond Avenue. It is expected that this project will be completed in mid-summer. John Greathouse asked about the work going on over by Crittenden Drive. Brian explained that we were clearing trees and relocating utilities to help mitigate wildlife hazards and prepare the area for future development.

FAA Airspace Study Update: The FAA attended the January CNF Meeting and gave a presentation on the on-going airspace study. On 10 February the FAA met with the CNF Working Group and provided additional details of the study process. CNF Working Group members were invited to attend a March 9 airspace meeting held at UPS where the FAA gave an overview of the study process and presented some initial study recommendations. Bob Slattery summarized the meeting as follows: The process consists of 3 phases (1) study, (2) design, and (3) implementation. NEPA work typically occurs between the design and implementation phases. Currently we are at the end of the Study phase. The Study has identified 4 potential areas of improvement: (1) faster climb to higher altitudes on departure, (2) remain at higher altitudes for longer periods of time on approach, (3) reduce restrictions on special use airspace (Ft. Knox), and (4) reduce conflicts between airports (SDF, LOU, JYV). Environmentally, these recommendations could equate to a reduction in flying time as well as reduced fuel consumption. It is anticipated that the final study report will be delivered to the SDF study team by summer 2017. The study report will be a resource for the design team going forward. Mary Rose said that on March 13 at a conference in Washington she spoke with a representative from the FAA in charge of public outreach for airspace redesign and learned that

Louisville is one of the first places where the FAA has conducted public outreach during the study phase of an airspace project. This is partly because the CNF exists and partly because they had good cooperation from the airlines.

John Greathouse asked if there was a way to put some trees in open spaces around Crittenden Drive and 264. Bob Slattery replied that trees are not considered an effective noise barrier and this issue would require additional information and analysis.

Mike Zanone wanted to know if there was a plan to expand the clearing of trees for wildlife hazard mitigation into areas such as Audubon Park and Parkway Village. Brian Sinnwell replied that there are no plans for wildlife mitigation in those areas and explained that the airport works with a representative the U.S. Fish and Wildlife and the wildlife hazard mitigation plan applies mainly to airport property.

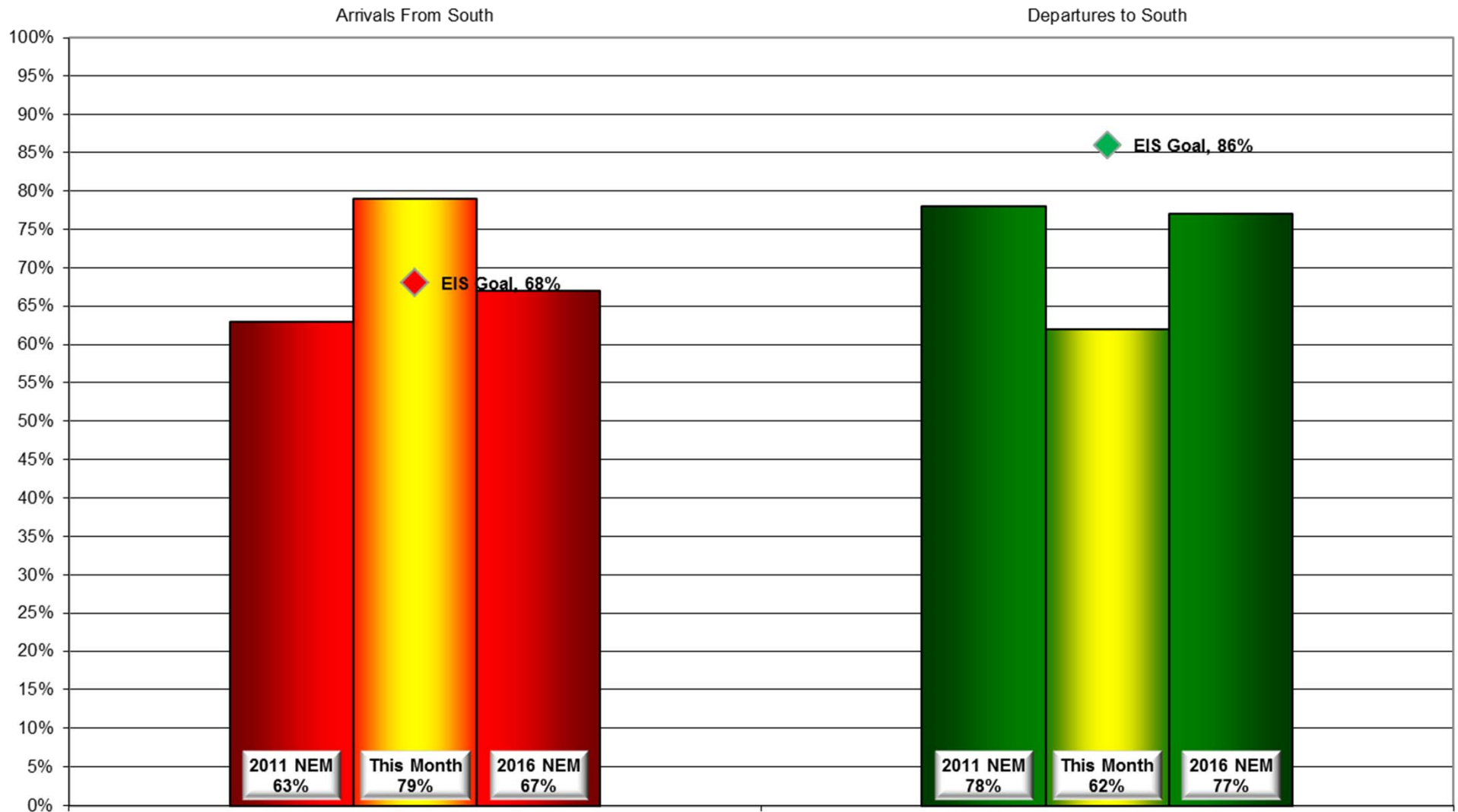
Guest Comments: Tom Denton noted that the cluster of comments on the February complaint map represents the area in Beechmont that is most greatly impacted by the early morning flights. He also wanted to know if there was a plan to level the area in the Northwest Quadrant. Brian Sinnwell told him there are no plans to level the area.

Announcements: DOT's Bureau of Transportation Statistics released its first National Transportation Noise Map which will track trends in aviation and highway noise in the U.S. The purpose of the noise map "is to facilitate the tracking of trends in transportation-related noise, by mode, and collectively for multiple transportation modes." A link to map was provided to the group.

Next Meeting: Monday, May 22, 2017 at 6 p.m.

Adjournment: A motion was made to adjourn the meeting at 6:50 p.m.

Monthly Contraflow March 1-31, 2017



Daily Runway Use Summary – March 2017

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

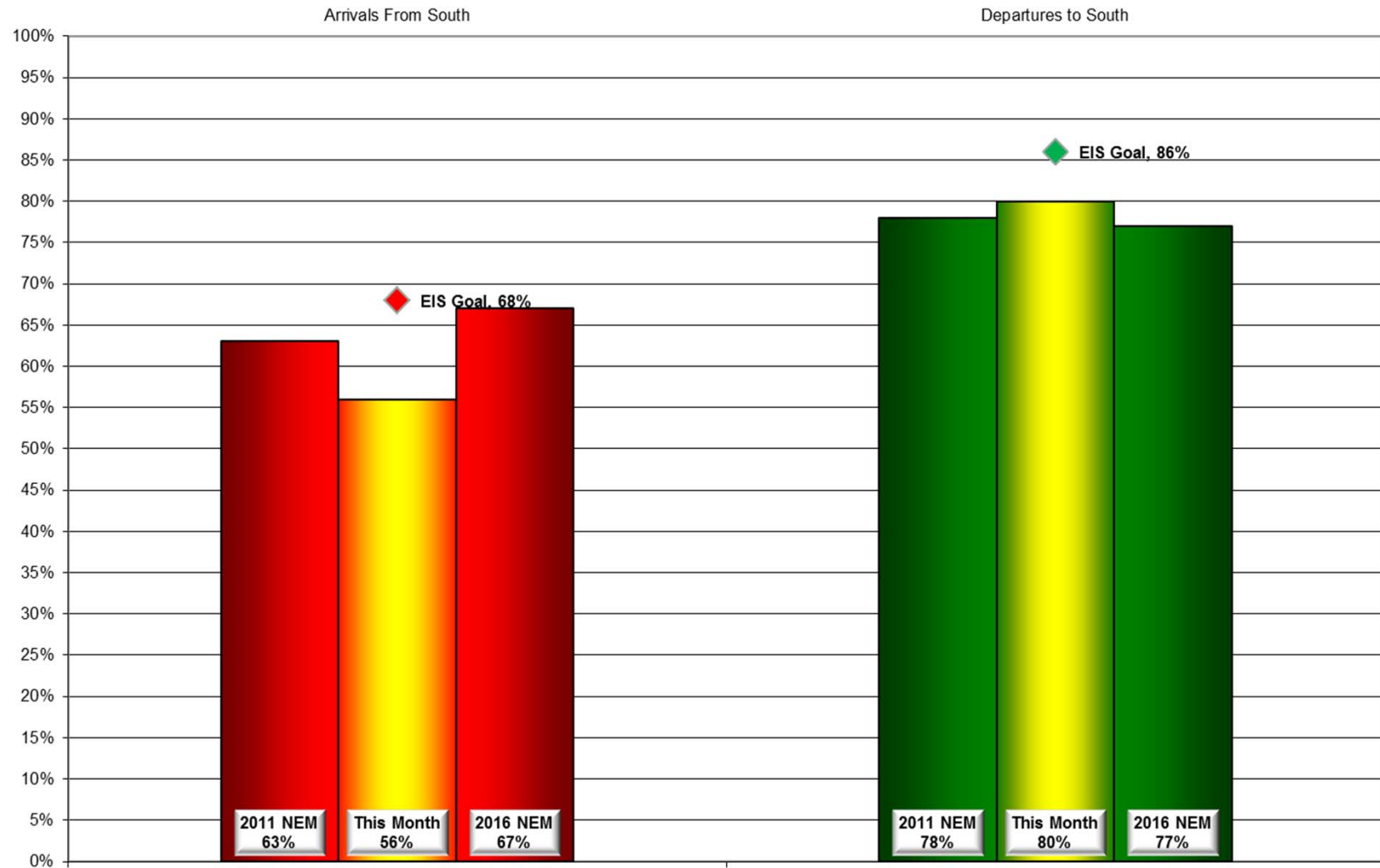
		% of all arrivals from the south										% of all departures to the south									
Date	Day	* in compliance	Runway #						Unknown Runway	Use	Notes / Comments	** in compliance	Runway #						Unknown Runway	Use	Notes / Comments
			11	17L	17R	29	35L	35R					11	17L	17R	29	35L	35R			
03/01/17	Wed	100%						58	42	0		0%						60	40	0	290-300@6-15knts,G24
03/02/17	Thu	100%						58	42	0		0%						56	44	0	290-320@6-13knts,G19
03/03/17	Fri	76%			11	13		42	34	0		97%			38	59		2	1	0	
03/04/17	Sat																				
03/05/17	Sun																				
03/06/17	Mon	0%			46	54				0	170-190@18-20knts,G28	100%			45	55				0	
03/07/17	Tue	98%			1	1		59	39	0		95%			38	57		4	1	0	
03/08/17	Wed	97%				3		59	38	0		97%			41	56		3		0	
03/09/17	Thu	100%						64	36	0		0%						56	44	0	360-010@8-20knts,G25
03/10/17	Fri	100%						62	38	0		0%						46	54	0	360-010@7-10knts
03/11/17	Sat																				
03/12/17	Sun																				
03/13/17	Mon	100%						58	42	0		0%						61	39	0	340-010@10-16knts,sn
03/14/17	Tue	100%						59	41	0		0%						55	45	0	300-330@9-11knts
03/15/17	Wed	98%			1	1		60	38	0		87%			34	53		10	3	0	
03/16/17	Thu	94%			3	3		57	37	0		94%			39	55		4	2	0	
03/17/17	Fri	91%			6	3		52	39	0		93%			37	56		2	5	0	
03/18/17	Sat																				
03/19/17	Sun																				
03/20/17	Mon	92%			8			56	36	0		92%			32	60		4	4	0	
03/21/17	Tue	100%						61	39	0		0%						57	43	0	360-010@12-15knts,G22
03/22/17	Wed	88%			8	4		56	32	0		94%			34	60		3	3	0	
03/23/17	Thu	0%			49	51				0	150-180@4-11knts	100%			37	63				0	
03/24/17	Fri	0%			42	58				0	170-220@5-10knts	100%			38	62				0	
03/25/17	Sat																				
03/26/17	Sun																				
03/27/17	Mon	93%			5	2		57	36	0		89%			35	54		8	3	0	
03/28/17	Tue	99%				1		57	42	0		89%			35	54		7	4	0	
03/29/17	Wed	0%			44	56				0	080-110@9-13knts,G18	100%			45	55				0	
03/30/17	Thu	92%			2	6		55	37	0		97%			39	58		2	1	0	
03/31/17	Fri	100%						60	40	0		0%						49	51	0	300-340@6-8knts

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 3-28, 2017



Daily Runway Use Summary – April 2017

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

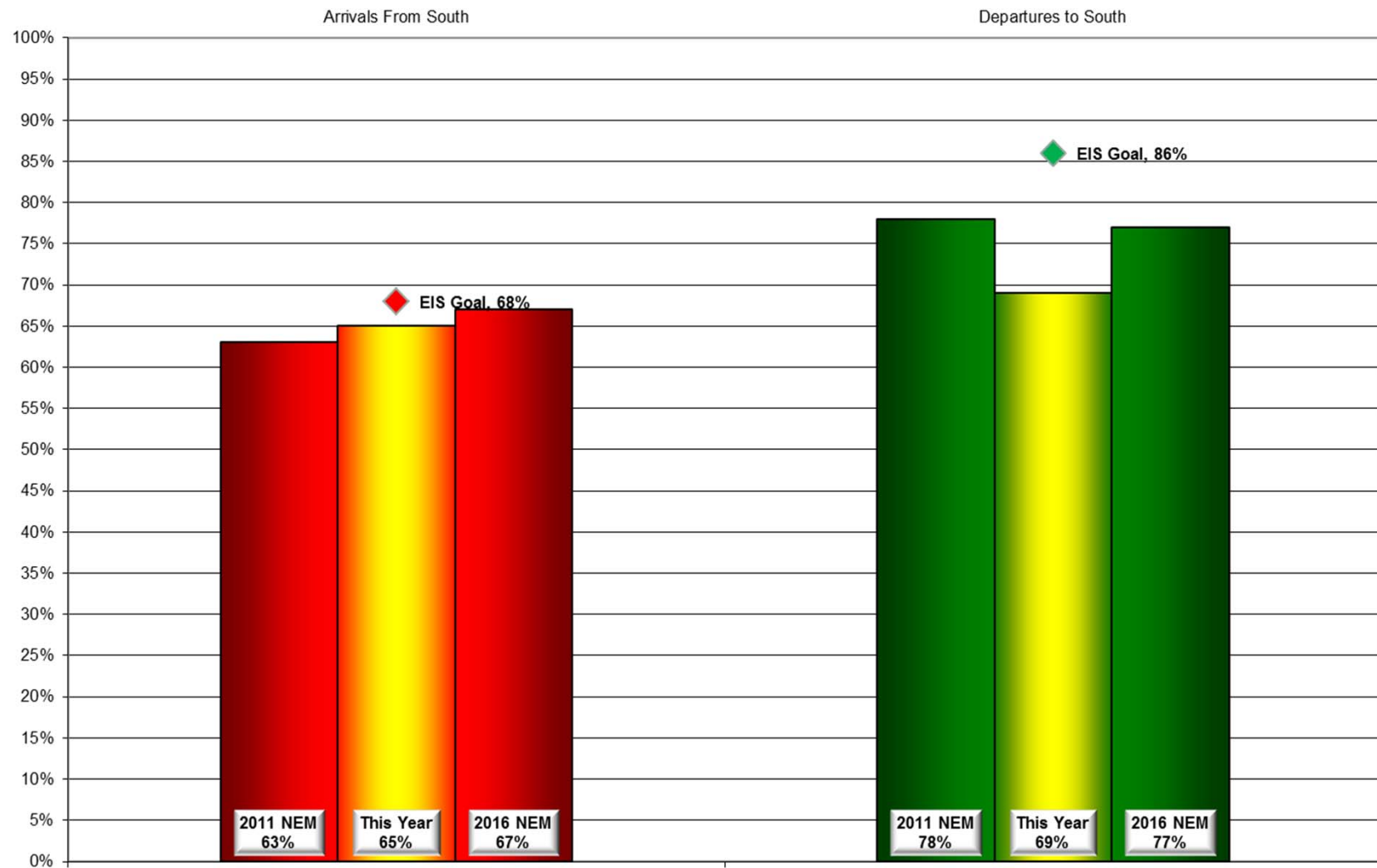
		% of all arrivals from the south										% of all departures to the south													
Date	Day	* in	Runway #						Unknown	Notes /		** in	Runway #						Unknown	Notes /					
		compliance	11	17L	17R	29	35L	35R	Use				Runway	compliance	11	17L	17R	29	35L			35R	Use	Runway	Comments
04/03/17	Mon	0%			49	51				0	190-230@6-13knts,RA	100%			38	62				0					
04/04/17	Tue	96%			4				57	39	0		94%			41	53			3	3	0			
04/05/17	Wed	1%			45	53			1	1	0	220-250@12-21knts,G28	94%			39	55			1		5	0		
04/06/17	Thu	100%								59	41	0		1%				1			60	39	0	310-330@7-10knts	
04/07/17	Fri	95%			2	3				59	36	0		92%			40	52			2	6	0		
04/08/17	Sat																								
04/09/17	Sun																								
04/10/17	Mon	0%			41	59					0	180-210@9-10knts	100%			39	61					0			
04/11/17	Tue	96%			3	1				57	39	0		91%			33	58			5	4	0		
04/12/17	Wed	95%			4	1				56	39	0		95%			38	57			4	1	0		
04/13/17	Thu	94%			5	1				55	39	0		87%			32	55			5	8	0		
04/14/17	Fri	94%			3	3				61	33	0		95%			43	52			1	4	0		
04/15/17	Sat																								
04/16/17	Sun																								
04/17/17	Mon	96%			3	1				58	38	0		83%			30	53			10	7	0	050-090@5-8knts	
04/18/17	Tue	0%			45	55					0	170@6-9knts	100%			42	58					0			
04/19/17	Wed	0%			46	54					0	190-210@5-9knts	100%			39	61					0			
04/20/17	Thu	3%			40	57				2	1	0	210-230@9-11knts	5%			4	1			61	34	0	360-010@7-17knts,G22	
04/21/17	Fri	100%								66	34	0		0%							50	50	0	360-010@5-14knts,RA	
04/22/17	Sat																								
04/23/17	Sun																								
04/24/17	Mon	94%			4	2				59	35	0		85%			31	54			9	6	0	100-120@4-10knts	
04/25/17	Tue	0%			46	54					0	140-150@7-8knts	100%			41	59					0			
04/26/17	Wed	0%			43	57					0	140-180@7-11knts	88%			42	46			1	9	2	0		
04/27/17	Thu	97%			3					56	41	0		92%			35	57			4	4	0		
04/28/17	Fri	65%			10	18				7	43	22	0	150-010@5-15knts,G19,TSF	91%			43	48			7	2	0	

Preferred Flow

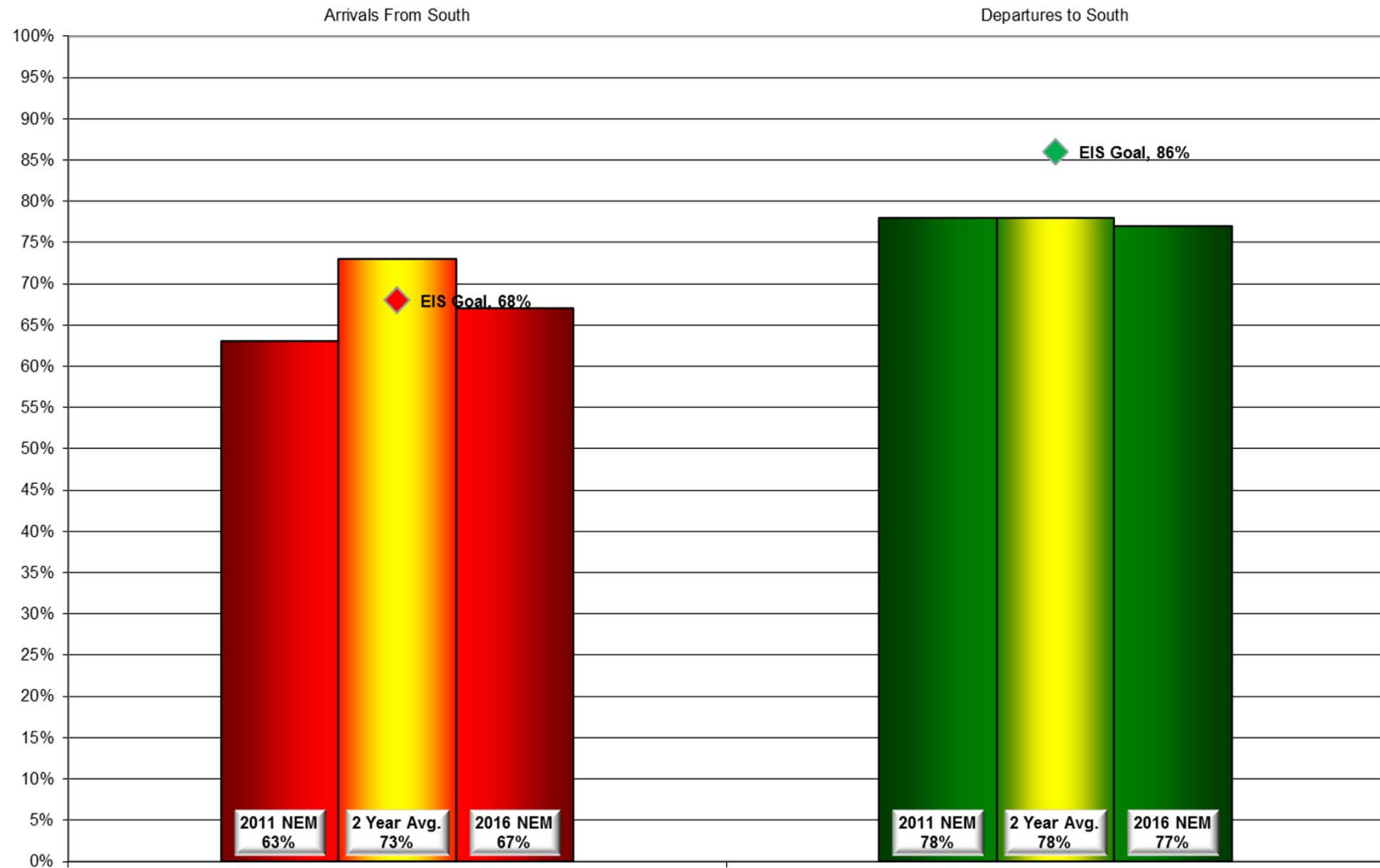
DATIS Reported Conditions Indicate
Support for Non-Preferred Flow

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

Contraflow This Year As of April 28, 2017



Contraflow 2 Year Average May 2015 - April 2017



Year-to-Year by Month Percent* Contraflow

Arrivals From the South (Goal 68%)										Departures to the South (Goal 86%)									
	2010	2011	2012	2013	2014	2015	2016	2017	Avg		2010	2011	2012	2013	2014	2015	2016	2017	Avg
Jan	94%	91%	62%	72%	51%	76%	69%	65%	73%	Jan	54%	71%	80%	65%	81%	76%	69%	61%	70%
Feb	90%	73%	69%	77%	72%	66%	80%	58%	73%	Feb	71%	63%	74%	78%	71%	76%	67%	77%	72%
Mar	80%	52%	61%	87%	60%	71%	63%	79%	69%	Mar	82%	72%	96%	77%	77%	66%	77%	62%	76%
Apr	57%	47%	78%	60%	67%	53%	86%	56%	63%	Apr	84%	83%	76%	89%	83%	77%	73%	80%	81%
May	56%	69%	72%	46%	60%	75%	62%		63%	May	87%	85%	81%	85%	92%	80%	80%		84%
Jun	66%	61%	79%	76%	75%	57%	79%		71%	Jun	96%	93%	87%	80%	91%	91%	83%		88%
Jul	61%	91%	62%	74%	79%	74%	59%		72%	Jul	90%	88%	92%	88%	85%	80%	91%		87%
Aug	59%	82%	49%	84%	61%	86%	76%		70%	Aug	92%	91%	91%	92%	92%	91%	90%		92%
Sep	70%	85%	55%	86%	85%	95%	88%		81%	Sep	73%	64%	92%	87%	86%	73%	93%		80%
Oct	80%	88%	62%	87%	75%	86%	81%		75%	Oct	78%	63%	78%	89%	79%	74%	81%		77%
Nov	85%	55%	84%	73%	78%	59%	74%		73%	Nov	77%	72%	81%	83%	62%	88%	77%		77%
Dec	67%	70%	64%	58%	78%	55%	75%		67%	Dec	78%	65%	67%	71%	68%	79%	62%		69%
Avg	72%	72%	66%	73%	70%	71%	74%	65%		Avg	80%	76%	83%	82%	81%	79%	79%	70%	

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

NOISE COMMENT REPORT



March 2017

Comments (SDF/LOU)

March 2017

Street	Zip Code	Time Received	Time	Airport	Disturbance Type	CNF Quad	Status	Operation or Comment Type ¹	Deviation Type ²	Comments
Hill Top Ct	40214	2017-03-01 17:05:00	2017-03-01 15:30:00	SDF	Over Use of Runway	NW	Investigated	Non-Standard	Weather	Today is unbelievable! I spoke with you a few weeks ago and it only gets worse! I'm sure you don't live in the path of the airplanes. I am less than a mile out of your so called federal assessment. Have them come sit on my porch for less than 60 seconds and they may reassess the map. Is there a contact on the federal level for me to reach out to?
Gatewood Ave	40215	2017-03-02 14:50:00	2017-03-01 16:00:00	SDF	Over Use of Runway	NW	Investigated	Non-Standard	Weather	Can you tell me what was going on over here yesterday? Have you changed something at the airport?
Southern Pkwy	40214	2017-03-01 17:38:00	2017-03-01 16:30:00	SDF	Over Use of Runway	SW	Investigated	Non-Standard	Weather	I have lived on Southern Parkway for 20+ years. Today the aircraft noise was one of the worst. Can you please help me understand what was different about today to warrant the assault on our neighborhood?
S 2nd St	40214	2017-03-01 16:39:00	2017-03-01 16:39:00	SDF	Run-ups	SW	Investigated	Standard	None	How frequently shall we anticipate run-ups to be held on Taxiway A on the West side of the airport?
Southern Pkwy	40214	2017-03-01 17:43:00	2017-03-01 17:43:00	SDF	Over Use of Runway	SW	Investigated	Non-Standard	Weather	I have lived on Southern Parkway for 20+ years. Today the aircraft noise was one of the worst. Can you please help me understand what was different about today to warrant the assault on our neighborhood?
Southern Pkwy	40214	2017-03-01 18:03:00	2017-03-01 18:03:00	SDF	Over Use of Runway	SW	Investigated	Non-Standard	Weather	I have lived on Southern Parkway for 20+ years. Today the aircraft noise was one of the worst. Can you please help me understand what was different about today to warrant the assault on our neighborhood?

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)

March 2017

Street	Zip Code	Time Received	Time	Airport	Disturbance Type	CNF Quad	Status	Operation or Comment Type ¹	Deviation Type ²	Comments
Southern Pkwy	40214	2017-03-01 18:08:00	2017-03-01 18:08:00	SDF	Over Use of Runway	SW	Investigated	Non-Standard	Weather	I have lived on Southern Parkway for 20+ years. Today the aircraft noise was one of the worst. Can you please help me understand what was different about today to warrant the assault on our neighborhood?
Southern Pkwy	40214	2017-03-01 18:13:00	2017-03-01 18:13:00	SDF	Over Use of Runway	SW	Investigated	Non-Standard	Weather	I have lived on Southern Parkway for 20+ years. Today the aircraft noise was one of the worst. Can you please help me understand what was different about today to warrant the assault on our neighborhood?
Southern Pkwy	40214	2017-03-01 19:36:00	2017-03-01 19:36:00	SDF	Over Use of Runway	SW	Investigated	Non-Standard	Weather	I have lived on Southern Parkway for 20+ years. Today the aircraft noise was one of the worst. Can you please help me understand what was different about today to warrant the assault on our neighborhood?
Southern Pkwy	40214	2017-03-01 19:38:00	2017-03-01 19:38:00	SDF	Over Use of Runway	SW	Investigated	Non-Standard	Weather	I have lived on Southern Parkway for 20+ years. Today the aircraft noise was one of the worst. Can you please help me understand what was different about today to warrant the assault on our neighborhood?
Southern Pkwy	40214	2017-03-01 19:39:00	2017-03-01 19:39:00	SDF	Over Use of Runway	SW	Investigated	Non-Standard	Weather	I have lived on Southern Parkway for 20+ years. Today the aircraft noise was one of the worst. Can you please help me understand what was different about today to warrant the assault on our neighborhood?
Ottawa Ave	40209	2017-02-03 03:52:00	2017-03-03 02:50:00	SDF	Noise At Wrong Time	SW	Investigated	Non-Standard	Weather	You were going to call me back and let me know if I was in the zone. Here it is 10 minutes until 3:00 a.m. and all the planes are going off real loud. It is getting kind of ridiculous now.

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Comments (SDF/LOU)

March 2017

Street	Zip Code	Time Received	Time	Airport	Disturbance Type	CNF Quad	Status	Operation or Comment Type ¹	Deviation Type ²	Comments
Titan Dr	40229	2017-03-13 15:29:00	2017-03-13 15:29:00	SDF	Other	SE	Investigated	Standard	None	I would like to know what DNL contour the property is in.
Bourbon Ave	40213	2017-03-14 15:30:00	2017-03-14 15:30:00	SDF	Other	NE	Investigated	Non-Standard	Weather	I live in the Audubon area and would like to know if you have finished with your noise evaluation. Could you check for me and see if my address is in the noise area.
Meridale AV	40214	2017-03-17 14:41:00	2017-03-17 14:41:00	SDF	Other	SW	Investigated	Standard	None	I was trying to determine if my house fell within the 60 dnl zone that may be approved for tax credit if insulation work is done by the homeowner. I live on Meridale Avenue and the broken dash line sits right atop my house (blue box on map). Both sides of Meridale Avenue seem to be included at this point. I know the HB with the tax credit bill was vetoed last year, but looking for the replacement bill and status. Is there a place to look for updates? I've not been able to make the monthly meeting open to the public to ask and won't be able to make the 3/27 meeting.
Landor Ave	40205	2017-03-19 16:37:00	2017-03-19 13:25:00	LOU	Aircraft Too Low	NE	Investigated	Standard	None	On March 19, 2017, at 1:25 p.m. a very large jet went over my home (not the approach for the runway), subsequently shaking the windows and doors. It appears as if the aircraft was really low on its approach.
Fetter Ave	40217	2017-03-23 23:33:00	2017-03-23 23:33:00	SDF	Noise At Wrong Time	NE	Investigated	Non-Standard	Weather	Your planes are landing right on my head every 3 minutes. I can see their landing and headlights in my window. Really loud and really low. Off of establish flight route. When is the FAA going to approve the updated NEM contours? Been complaining to you for a long time with no results.

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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)

March 2017

Street	Zip Code	Time Received	Time	Airport	Disturbance Type	CNF Quad	Status	Operation or Comment Type ¹	Deviation Type ²	Comments
Landor Ave	40205	2017-03-24 12:38:00	2017-03-24 12:38:00	LOU	Other	NE	Investigated	Standard	None	My concern is that the aircraft appears to be approaching runway 6 at a much lower altitude than ever before. This particular aircraft "buzzed" my home which created a lot of noise and wind. Is there someone at Bowman Field that watches for these kinds of events, or is it totally up to the homeowners to police this? Do airplanes/pilots get fined if they come in too low? Also, are there noise level standards that the planes and Bowman Field adhere to since it is a residential neighborhood? Is there a time when the noise level should cease? The trees helped absorb a lot of the noise before and it has definitely gotten worse, especially with the jet noise and fuel smell coming from those bigger jets.
Kaelin Ave	40205	2017-03-30 06:07:00	2017-03-30 04:00:00	SDF	Constant Noise	NE	Investigated	Standard	None	I just wanted to complain about the noise from UPS during wee hours of morning. They launch plane after plane after plane around 4 to 5, big 767's bassy reverberations. Gets pretty annoying ya know. The commuter stuff I barely even notice. For reference...I live 4 miles from airport. I'm sure you're happy to hear my commentary.
							Received	LRAA	19	

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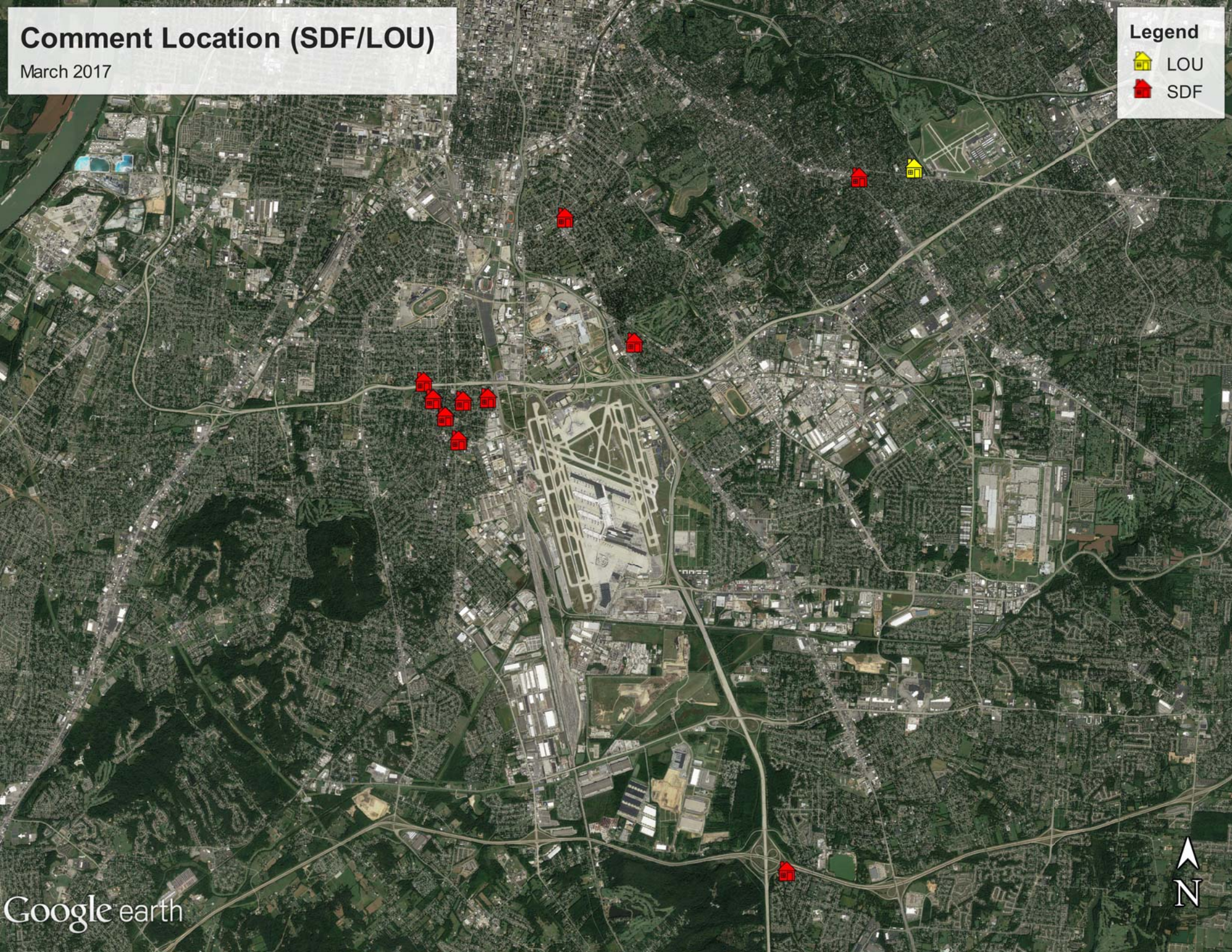
2. This column is used to indicate the conditions which most likely necessitated a deviation from the standard procedures.

Comment Location (SDF/LOU)

March 2017

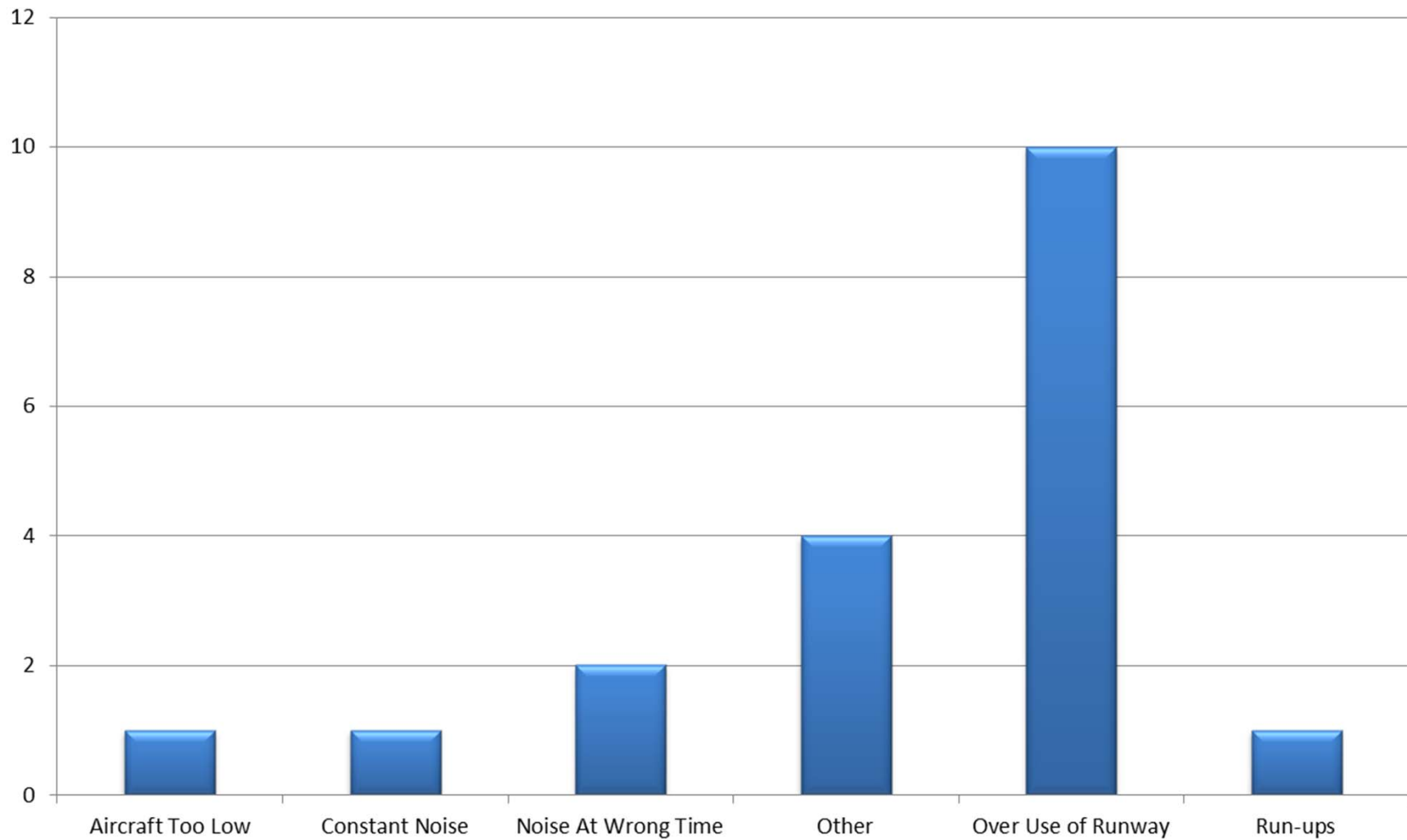
Legend

-  LOU
-  SDF



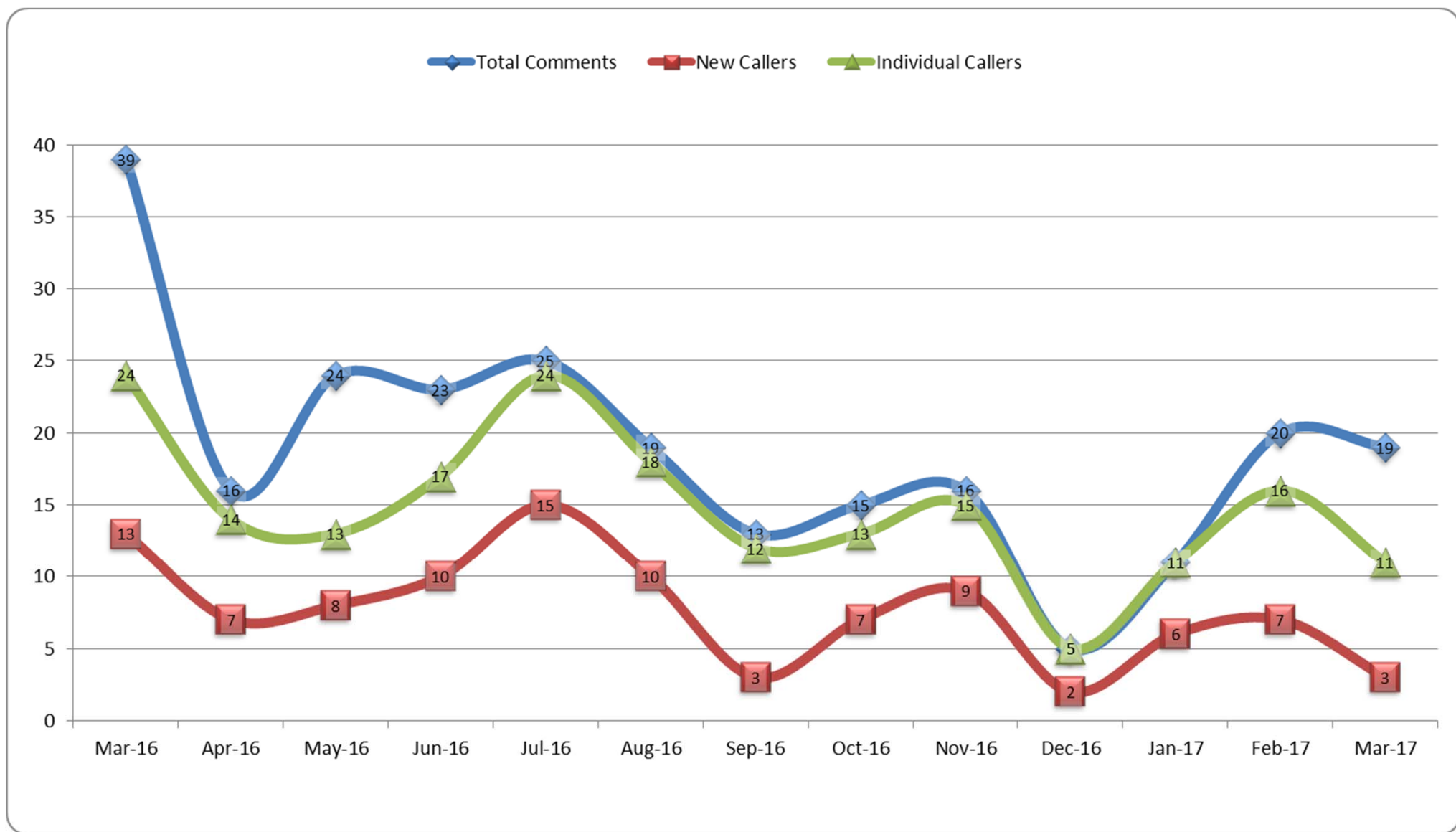
Comment Type* (SDF and LOU)

March 2017



New Address/Comments per Month (SDF and LOU)

March 2017



NOISE COMMENT REPORT



April 2017

Comments (SDF/LOU)

April 2017

Street	Zip Code	Time Received	Time	Airport	Disturbance Type	CNF Quad	Status	Operation or Comment Type ¹	Deviation Type ²	Comments
Hill Top Ct	40214	2017-04-01 14:18:00	2017-04-01 14:18:00	SDF	Too Much Noise	NW	Investigated	Standard	None	<p>A friend ended up needing me to take her to the ER on the night of the meeting this week and I was at Audubon Hospital all night. I'm wondering how to find out the information that was discussed. I also would like to attend the next meeting and wondered where to find that information. I have lived in the same house for 28 years. There has been a significant increase in noise exposure over the years and I only expect it to worsen. With talks of increasing UPS and adding more airlines, how will this affect the noise levels and what runways will be used? (Specifically, Allegiant). Are there ongoing federal testing of noise levels to take these factors into account? We are actually thinking of downsizing and possibly selling our home in the next few years. Can you seriously say to me that the value of my home is not affected by the noise levels from the airport? A friend bought a house off Eastern Parkway, not being aware of the airport noise until after the purchase. He ended up getting the work paid for by you (The Airport Authority) and then promptly resold his house. He also happened to be a major contractor used for the renovations of homes by the Airport Authority. Is that a conflict of interest? Just wondering? Please tell me how I might proceed with the questions posed here and my concerns.</p>

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)

April 2017

Street	Zip Code	Time Received	Time	Airport	Disturbance Type	CNF Quad	Status	Operation or Comment Type ¹	Deviation Type ²	Comments
Top Hill Rd	40118	2017-04-12 17:28:00	2017-04-12 16:00:00	SDF	Too Much Noise	SW	Investigated	Standard	None	You have been flying the planes over our house at 4:00 in the morning and at 4:00 in the afternoon and they just keep going over and over. Here comes one now again. The noise that they make is just ridiculous especially with low clouds, it sounds like bombs are coming over. I have really bad anxiety and you are not helping it any. Can you please redirect them like 10 inches in another direction? I think it would help a little bit. I don't know. You know what to do. You laugh ha-ha, smile ha-ha, he-he, ho-ho, whatever. Just do what you have to do.
Landor Ave	40205	2017-04-12 19:55:00	2017-04-12 19:45:00	LOU	Too Much Noise	NE	Investigated	Standard	None	I would like to make an official note of complaint for a plane that just flew in to land less than 10 minutes ago. It was unusually loud and I was able to smell fumes of fuel after it passed overhead. Can you please investigate and advise of the outcome?
Forum Ave	40214	2017-04-17 22:53:00	2017-04-17 22:53:00	SDF	Too Much Noise	SW	Investigated	Standard	None	UPS planes fly over my house at 2:00 a.m. and will not let me sleep. I am tired of complaining about this and no one listening to me.
Fetter Ave	40217	2017-04-19 00:41:00	2017-04-18 23:50:00	SDF	Too Much Noise	NE	Investigated	Non-Standard	Weather	Real f-ing loud Bob. Every 3 minutes I have a plane landing on my head. I am included in the updated NEM contour but there has been no effort to secure additional sound mitigation funding for my home. You are devaluing my property compared to my neighbors across the street. Are you guys picking winners and losers, by not seeking federal grants for my side of the street? Should I contact a lawyer? Please give me an update via phone. 11:50 a.m. till 12:45 a.m. and still loud.

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

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Comments (SDF/LOU)

April 2017

S Shelby St	40217	2017-04-30 23:04:00	2017-04-30 23:04:00	SDF	Other	NE	Investigated	Standard	None	Can you tell me if my address on S. Shelby St. is within the map contour to qualify for money to combat airplane noise? Is there a website where I can type in addresses to see if they are within the zone?
							Received	LRAA	6	

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.

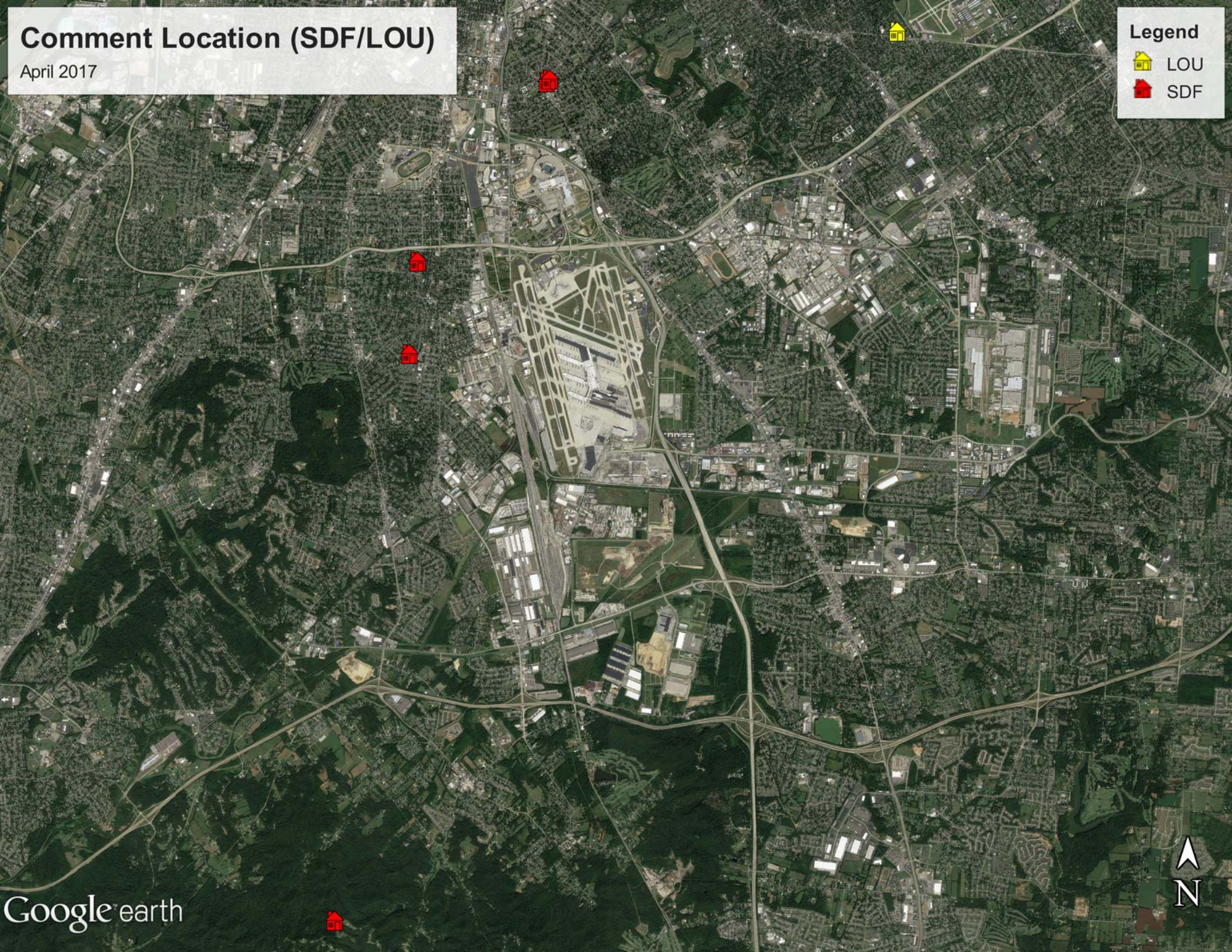
Comment Location (SDF/LOU)

April 2017

Legend

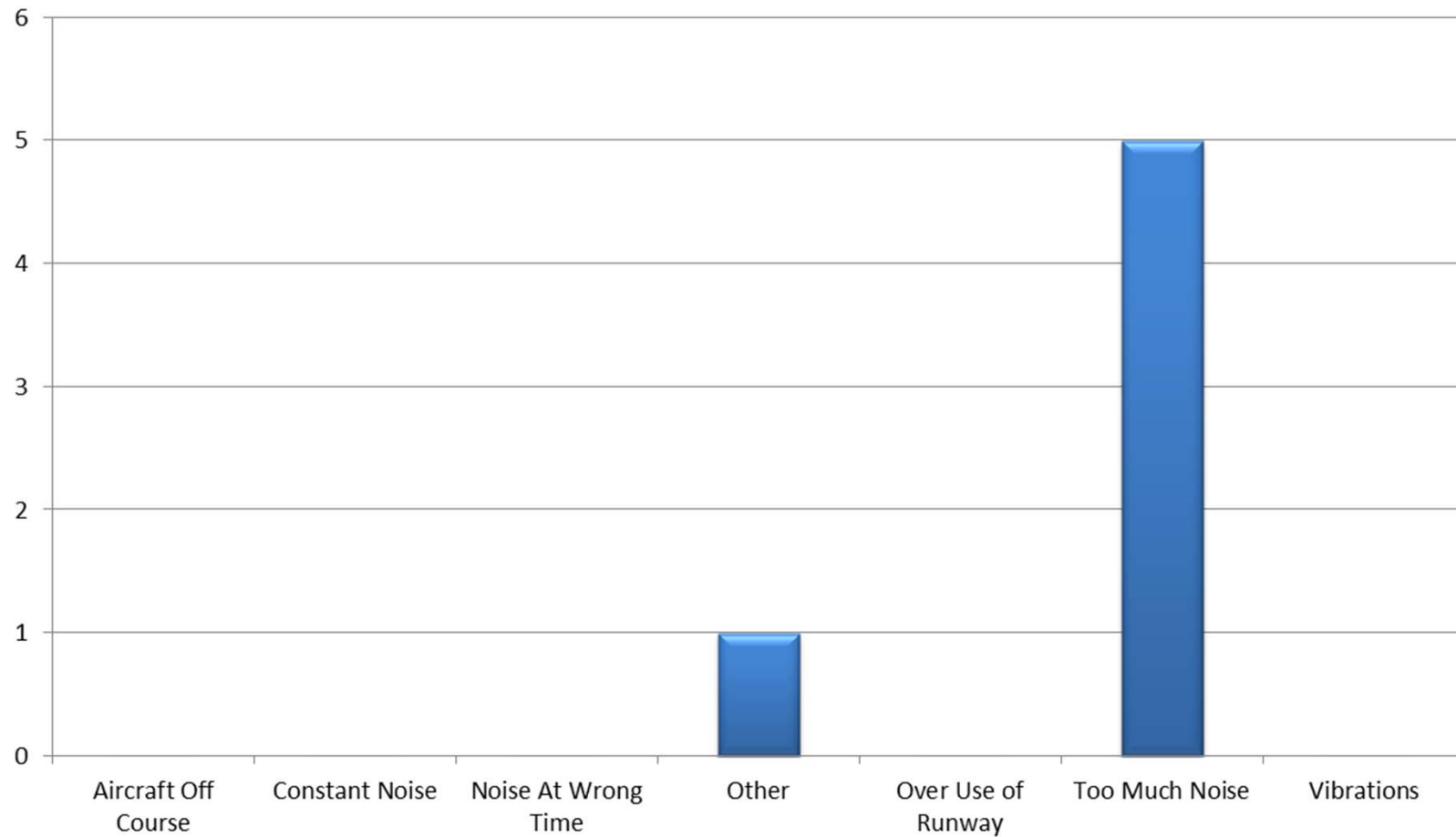
 LOU

 SDF



Comment Type* (SDF and LOU)

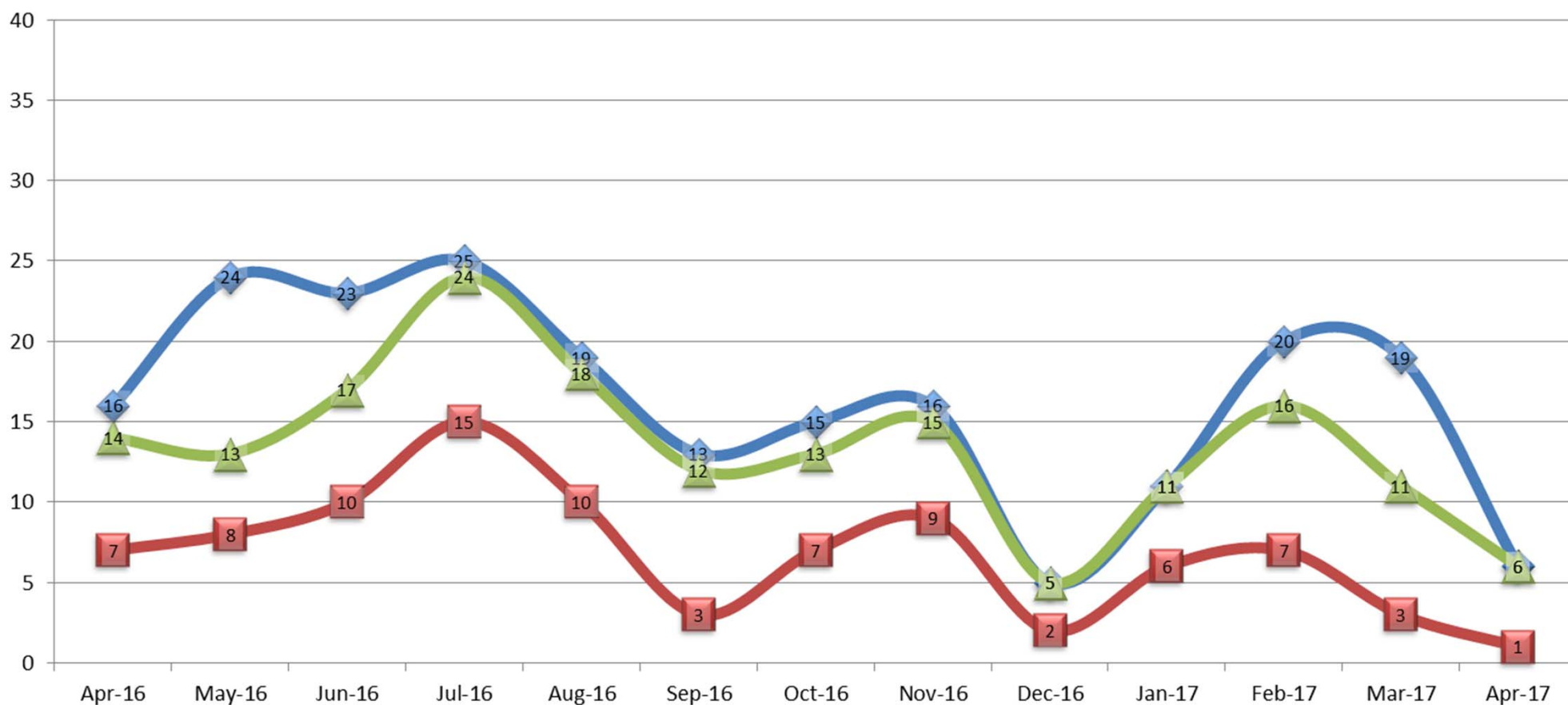
April 2017



New Address/Comments per Month (SDF and LOU)

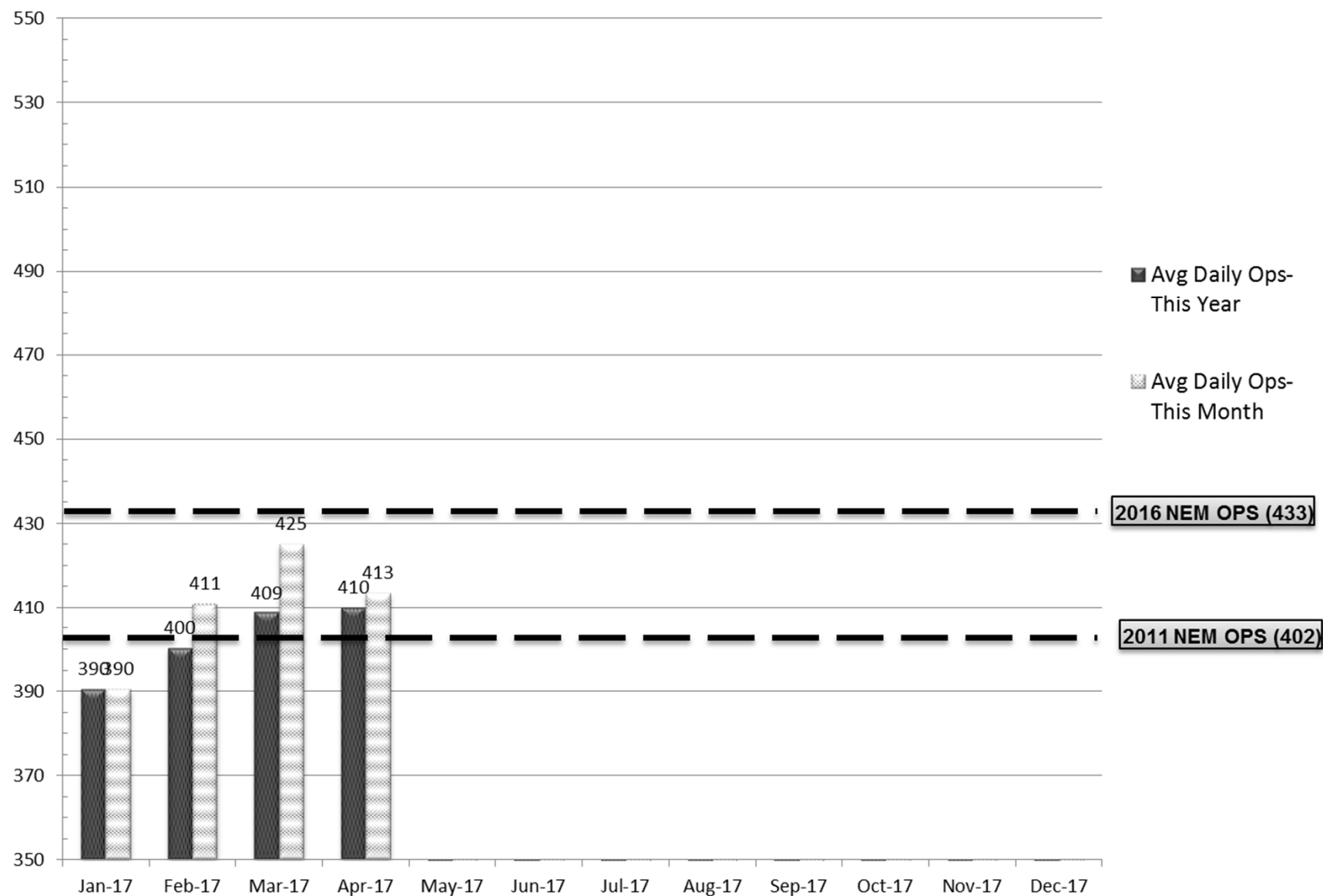
April 2017

◆ Total Comments ■ New Callers ▲ Individual Callers



Operations (SDF)

As of April 30, 2017



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

Daily Runway Use Uncorrected (SDF) March 2017

[illegible]

Daily Runway Use (SDF)

Tower Comments March 2017

Day	Date	Time	Comment
Wed	1-Mar-17		
Thu	2-Mar-17		
Fri	3-Mar-17	1600-2130	Wind 0109
Sat	4-Mar-17		
Sun	5-Mar-17		
Mon	6-Mar-17		
Tue	7-Mar-17	1600-2130	Wind 3112 wet runways
Wed	8-Mar-17	0930-1230	Wind forecast 2210G20
Thu	9-Mar-17		
Fri	10-Mar-17		
Sat	11-Mar-17	0930-1730	Wind 0209
Sun	12-Mar-17	0130-0800	Wind 0211
Mon	13-Mar-17		
Tue	14-Mar-17		
Wed	15-Mar-17	0730-0900	Wind 3311
Wed	15-Mar-17	2100-2130	Wind 3209 until approx 2100, stayed north
Thu	16-Mar-17		rather than do 2 rwy back to back rwy changes
Fri	17-Mar-17		
Sat	18-Mar-17	2200-2400	Wind 3208.
Sun	19-Mar-17		
Mon	20-Mar-17		
Tue	21-Mar-17	1300-1630	Wind 3606 TDWR OTS
Wed	22-Mar-17		
Thu	23-Mar-17	1300-1400	Traffic flow due to MidAmerica Truck Show.
Fri	24-Mar-17		
Sat	25-Mar-17		
Sun	26-Mar-17		
Mon	27-Mar-17		
Tue	28-Mar-17		
Wed	29-Mar-17	2200-2400	R3704 activity
Thu	30-Mar-17	0000-0230	R3704 activity
Thu	30-Mar-17	0930-1030	Wind forecast 1715G27, weather in area
Fri	31-Mar-17	1700-1930	Wind 3117

Daily Runway Use Uncorrected (SDF) April 2017

[illegible]

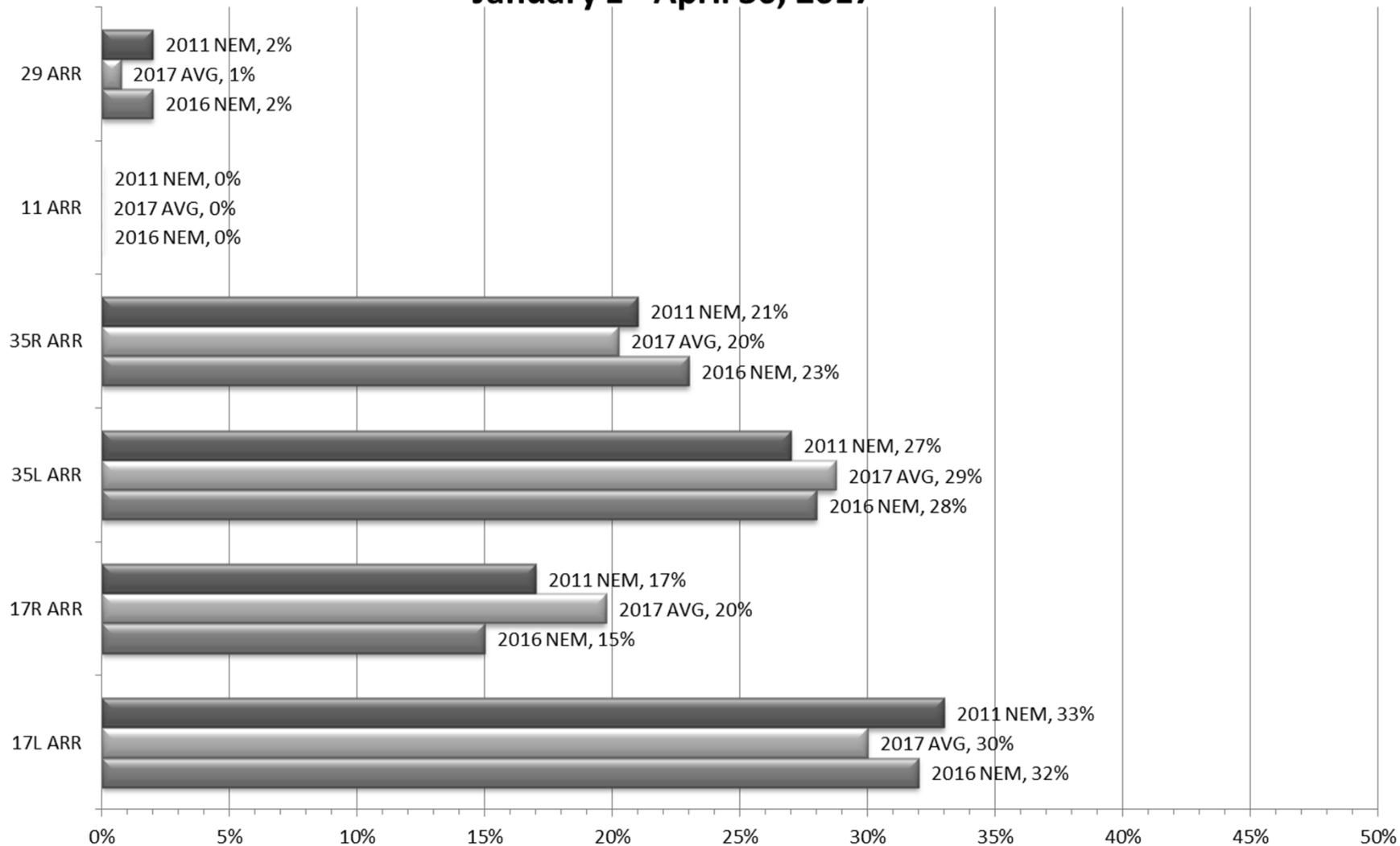
Daily Runway Use (SDF)

Tower Comments April 2017

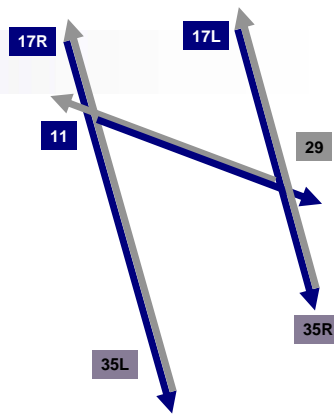
Day	Date	Time	Comment
Sat	1-Apr-17	0300-0700	Wind 3308
Sat	1-Apr-17	0930-1230	Wind 3509
Sun	2-Apr-17		
Mon	3-Apr-17		
Tue	4-Apr-17	0930-2030	No valid reason through 1230. Correct RWYS
			at 1230, went north at 1430 wind 3017
Wed	5-Apr-17	0930-1230	Wind 1213
Thu	6-Apr-17		
Fri	7-Apr-17		
Sat	8-Apr-17		
Sun	9-Apr-17		
Mon	10-Apr-17		
Tue	11-Apr-17	1600-1730	Convective weather south of airport
Wed	12-Apr-17		
Thu	13-Apr-17		
Fri	14-Apr-17		
Sat	15-Apr-17		
Sun	16-Apr-17		
Mon	17-Apr-17		
Tue	18-Apr-17		
Wed	19-Apr-17	0930-1230	Wind 2009
Thu	20-Apr-17	0930-1230	Wind 2214
Fri	21-Apr-17		
Sat	22-Apr-17	2030-0000	Thunder over Louisville
Sun	23-Apr-17	0000-0630	Wind 0411
Sun	23-Apr-17	2100-2300	Wind 0615
Mon	24-Apr-17		
Tue	25-Apr-17	0930-1230	Multiple runway closures
Wed	26-Apr-17		
Thu	27-Apr-17		
Fri	28-Apr-17	0930-1230	Wind 1112, forecast 1511G17
Sat	29-Apr-17		
Sun	30-Apr-17		

Runway Use (SDF Arrivals)

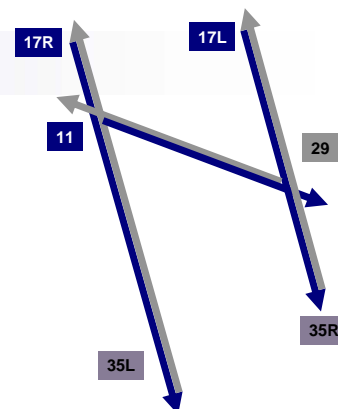
NEM vs. Actual January 1 - April 30, 2017



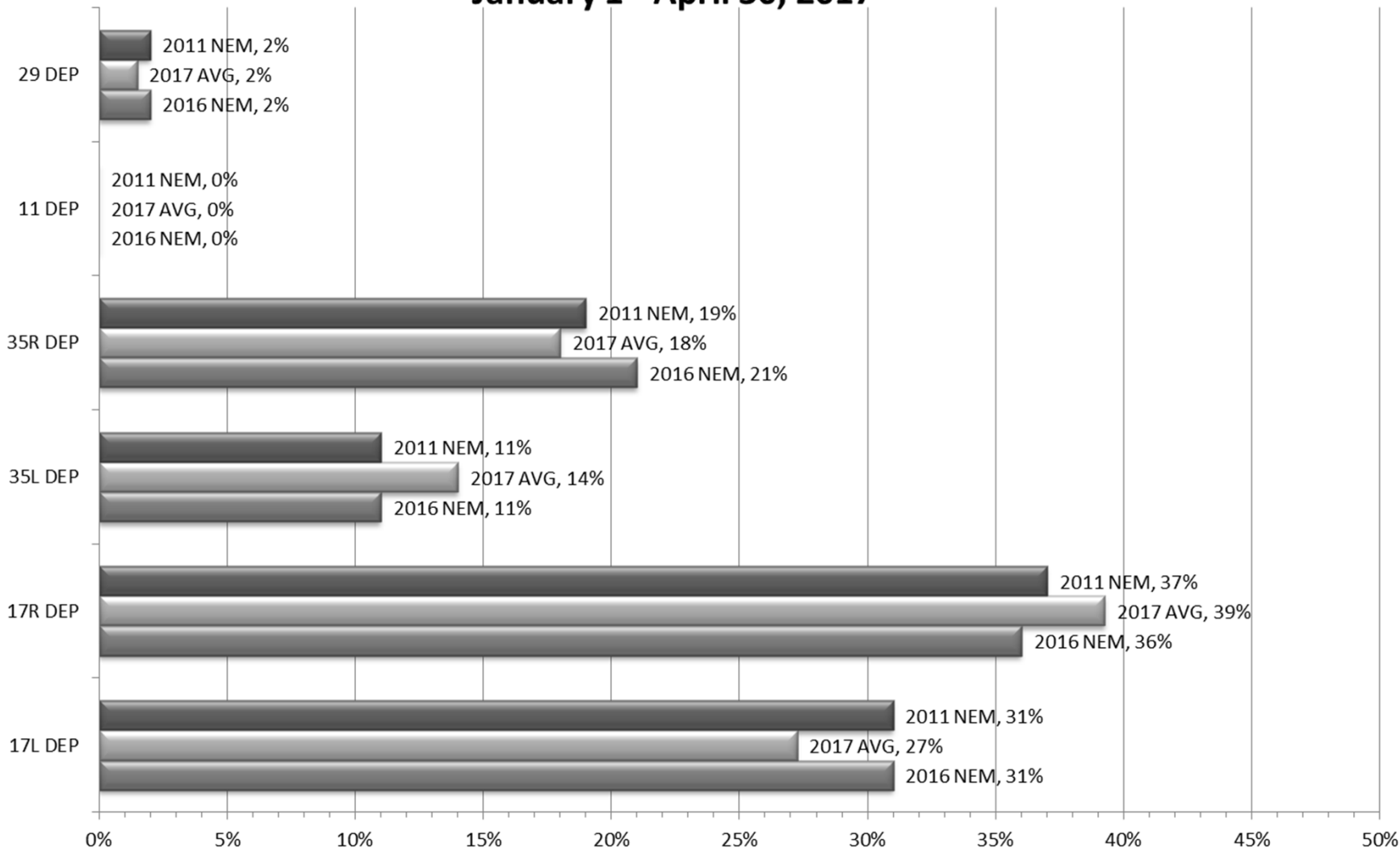
Source: Louisville International Airport
Aircraft Flight Tracking and Noise Management System (AFTNMS)

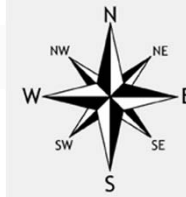


Runway Use (SDF Departures)



NEM vs. Actual
January 1 - April 30, 2017



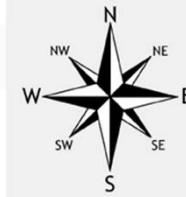


Runway Use 0930L-1230L_(SDF)

As of April 30, 2017

	Arrival Percentage by Runway							Arrival Count	Departure Percentage by Runway							Departure Count
	11	17L	17R	29	35L	35R	% From South		11	17L	17R	29	35L	35R	% To North	
May-15	0	28	23	0	38	11	49	656	0	33	27	0	19	21	40	358
Jun-15	0	21	22	0	42	15	57	683	0	30	22	0	17	31	48	349
Jul-15	0	12	25	0	42	21	63	827	0	17	21	0	15	47	62	403
Aug-15	0	15	25	0	38	22	60	712	0	20	19	0	15	46	61	365
Sep-15	0	7	24	0	36	33	69	796	0	11	20	0	13	56	69	407
Oct-15	0	19	31	0	26	24	50	784	0	20	25	0	2	53	55	411
Nov-15	0	20	25	11	22	22	44	676	0	15	26	12	5	42	47	380
Dec-15	0	26	19	0	37	18	55	1082	0	24	25	0	5	46	51	449
Jan-16	0	26	22	2	30	20	50	650	0	26	22	3	11	38	49	312
Feb-16	0	17	12	0	49	22	71	738	1	13	14	2	19	51	70	314
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
Monthly Avg.	0	19	25	1	34	21	54		0	20	23	2	11	43	54	

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



Gate Compliance by Runway

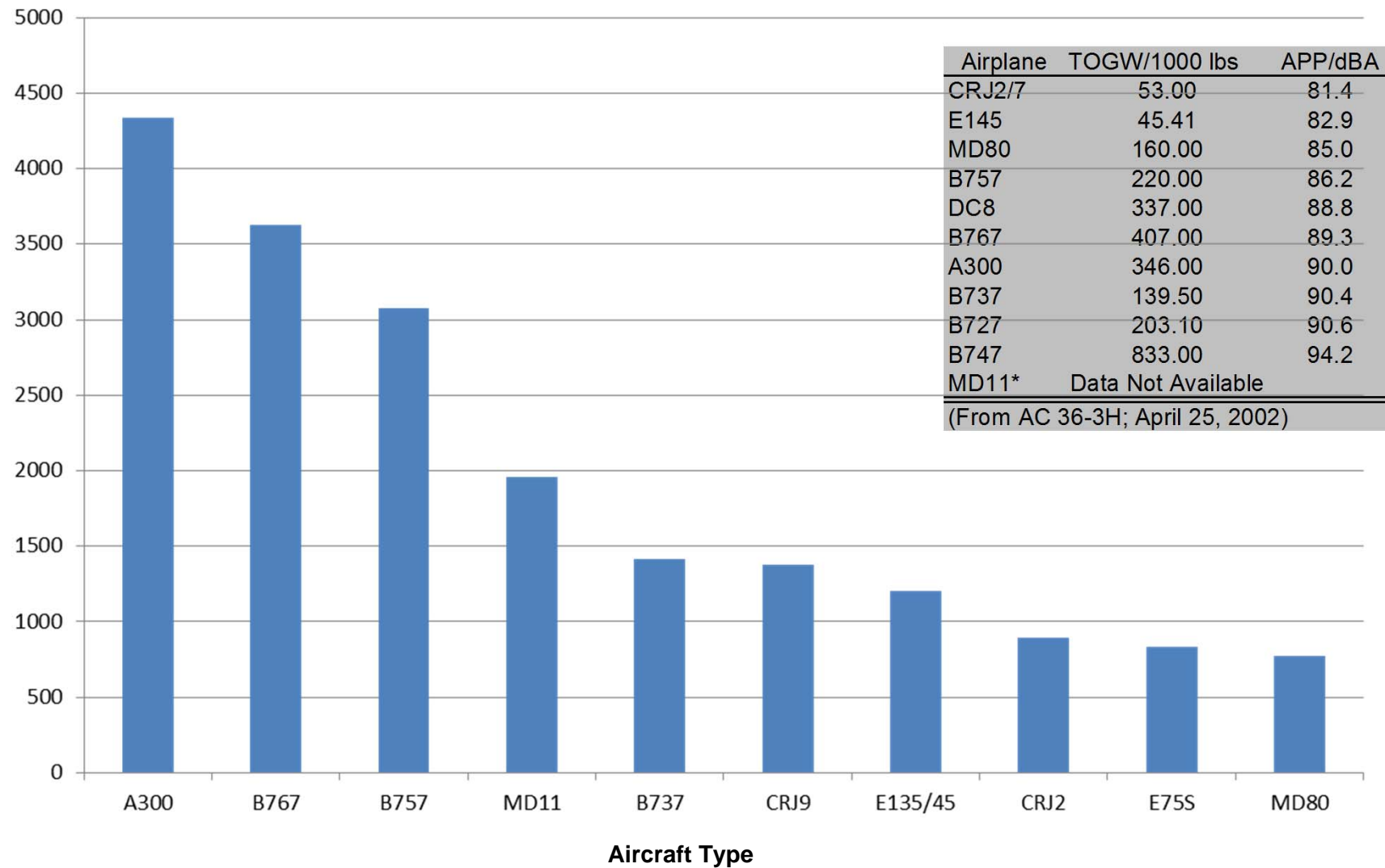
As of April 30, 2017

	ARRIVALS Percent Compliant					Departure Percent Compliant				
Month	17L	17R	35L	35R	ARR AVG	17L	17R	35L	35R	DEP AVG
May-15	79%	86%	84%	82%	83%	82%	87%	71%	90%	83%
Jun-15	80%	91%	87%	85%	86%	84%	89%	78%	91%	86%
Jul-15	86%	96%	88%	85%	89%	73%	86%	71%	87%	79%
Aug-15	81%	90%	82%	82%	84%	77%	88%	78%	88%	83%
Sep-15	79%	86%	84%	83%	83%	78%	88%	77%	91%	84%
Oct-15	82%	90%	88%	85%	86%	71%	88%	66%	86%	78%
Nov-16	82%	93%	87%	86%	87%	80%	88%	75%	87%	83%
Dec-16	89%	97%	93%	94%	93%	75%	90%	83%	90%	85%
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%
24 Month Avg.					88%					81%

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

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

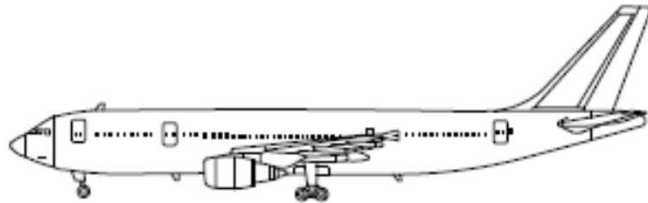
March / April 2017



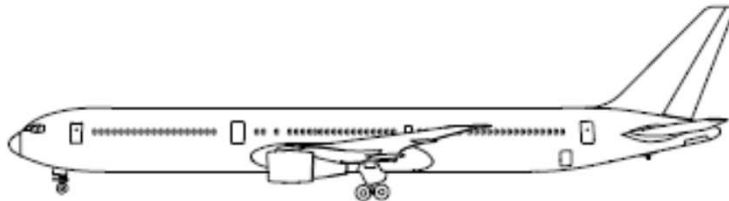
Source: Louisville International Airport

Aircraft Flight Tracking and Noise Management System (AFTNMS)

Sample Aircraft Types (SDF)



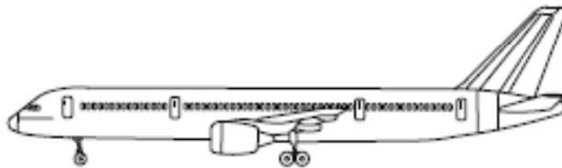
A300



B767



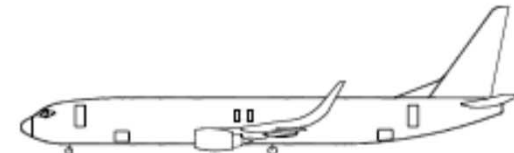
E135/45



B757



MD11



B737



CRJ2



E170



MD80



CRJ9