

**Community Noise Forum**  
**Monday, May 18, 2015**  
**Agenda**

- I. Call to order: 6:00PM
- II. Minutes of March 23, 2015
- 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. Announcements
- VI. Guest Comments
- VII. Next Meeting: July 27, 2015
- VIII. Adjournment

**COMMUNITY NOISE FORUM (CNF)**  
**Monday, March 23, 2015**

**Members**

John Sistarenik, ANA  
Pete Levermore, Airline Affairs  
Mary Rose Evans, LRAA Board  
Brian Sinnwell, LRAA  
Bob Slattery, LRAA

Denny Thompson, Southeast  
Jason Schmidt, KYANG  
John Greathouse, Southwest (Alt)  
Pat Gould, Northeast

**Guests**

Shane Smith, SACC

The meeting was called to order at 6:00 p.m. by John Sistarenik. The January 26, 2015 meeting minutes were reviewed and accepted by Pete Levermore and seconded by Mary Rose Evans.

Election of officers for Chair and Vice Chair were held. John Sistarenik was re-elected as Chair with a nomination from Mary Rose Evans and seconded by John Greathouse. Pete Levermore was re-elected as Vice Chair with a nomination from Mary Rose Evans and seconded by Pat Gould. John and Pete will serve as Chair and Vice-Chair, respectively, for one year.

**Part 150 NCP:**

**A. Updates:**

**Phase 1, 2, 3A, 3A-1, 4A, and 5:** Sound insulation is complete. To date 313 of 688 families have received sound insulation.

**Phase 4B:** Sound insulation for 71 families was awarded at the February 2014 board meeting. Construction is currently underway.

**Phase 6:** Sound Insulation for 60 families. The project was advertised on March 9, 2014. Phase 6 was awarded at the April 2014 Board meeting. Construction is anticipated to begin in March 2015.

**Phase 7:** Sound Insulation for 66 families. The project advertised on May 4, 2014. Contract was awarded at the June 2014 board meeting. Construction is underway.

**Phase 7LC:** Sound Insulation for 32 families located in phases 3A-7. The project advertised on October 5, 2014. The contract was awarded at the November 2014 Board meeting.

**Phase 3B:** Awaiting easement resolution. Jefferson District Court issued a Finding and Order that the airport did not violate the Audubon Park Ordinance. The Court also dismissed the citation as invalid, reversed the Audubon Park Code Enforcement Board ruling, voided the imposition of fines and found the Ordinance to be invalid. Audubon Park has 30 days to appeal.

**B. Contraflow Exceptions:** Contraflow for January was **76% for arrivals** from the south and **76% for departures** to the south. In February, **arrivals** from south were **66%** and **departures** to the south were **76%**. A daily summary for January and February is contained in the handout. A monthly summary going back 8 years is also included in the handout.

**Current Noise Concerns:**

**A. Report on Noise Concerns/Complaints:** We received a total of 17 comments in January. 9 comments were received at the QHP project office and 8 were received by the LRAA. In February we received a total of 20 comments. 8 were received at the QHP project office and 12 were received by the LRAA.

**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 for both months are also included in the handout.

**C. Construction and Maintenance Activity:** Brian Sinnwell announced that the Airfield Electrical project has been underway for approximately 1 week and will conclude before Derby. The Pavement Rehab project is also underway and will conclude before Derby. The pavement rehab project will primarily focus primarily on Taxiway B. The 11-29 Runway Safety Area project will begin after Derby and should conclude by the end of the year. Bob Slattery showed a short video explaining Engineered Material Arresting System (EMAS) and its benefits.

**Announcements:** Bob Slattery announced that Mary Rose Evans was recently elected as the vice chair of the Louisville Regional Airport Authority Board of Directors, the first woman to be an officer of the Board.

**Guest Comments:** Shane Smith wants to know if lighting is going to be put at Crittenden Drive & Woodlawn overpass. Brian informed him that Metro is in charge of this and that he will ask them.

**Next Meeting:** Monday, May 18, 2015 at 6 p.m.

**Adjournment:** A motion was made to adjourn the meeting at 6:40 p.m. by Denny Thompson. The motion was seconded by John Greathouse.

# Daily Runway Use Summary- March 2015

(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<br>compliance               | Runway # |     |     |    |     |     | Unknown<br>Runway<br>Use | Notes /<br>Comments |                     | ** in<br>compliance              | Runway # |     |     |    |     |     | Unknown<br>Runway<br>Use | Notes /<br>Comments  |                     |
|          |     |                                  | 11       | 17L | 17R | 29 | 35L | 35R |                          |                     |                     |                                  | 11       | 17L | 17R | 29 | 35L | 35R |                          |                      |                     |
| 03/02/15 | Mon | 97%                              |          |     | 2   | 1  |     | 60  | 37                       | 0                   |                     | 91%                              |          |     | 37  | 54 |     | 7   | 2                        | 0                    |                     |
| 03/03/15 | Tue | 99%                              |          |     |     | 1  |     | 59  | 40                       | 0                   |                     | 0%                               |          |     |     |    | 51  | 49  | 0                        | 300-360@3-6knts,RA   |                     |
| 03/04/15 | Wed | 100%                             |          |     |     |    |     | 51  | 49                       | 0                   |                     | 0%                               |          |     |     |    | 50  | 50  | 0                        | 340-010@10-14knts,SN |                     |
| 03/05/15 | Thu | 81%                              |          |     | 13  | 6  |     | 53  | 28                       | 0                   |                     | 92%                              |          |     | 27  | 65 |     | 4   | 4                        | 0                    |                     |
| 03/06/15 | Fri | 0%                               |          |     | 42  | 58 |     |     |                          | 0                   | 170-190@4-8knts     | 100%                             |          |     | 38  | 62 |     |     |                          | 0                    |                     |
| 03/07/15 | Sat |                                  |          |     |     |    |     |     |                          |                     |                     |                                  |          |     |     |    |     |     |                          |                      |                     |
| 03/08/15 | Sun |                                  |          |     |     |    |     |     |                          |                     |                     |                                  |          |     |     |    |     |     |                          |                      |                     |
| 03/09/15 | Mon | 99%                              |          |     | 1   |    |     | 61  | 38                       | 0                   |                     | 97%                              |          |     | 34  | 63 |     | 2   | 1                        | 0                    |                     |
| 03/10/15 | Tue | 97%                              |          |     | 3   |    |     | 61  | 36                       | 0                   |                     | 86%                              |          |     | 38  | 48 |     | 4   | 10                       | 0                    |                     |
| 03/11/15 | Wed | 97%                              |          |     | 3   |    |     | 61  | 36                       | 0                   |                     | 96%                              |          |     | 38  | 58 |     | 3   | 1                        | 0                    |                     |
| 03/12/15 | Thu | 95%                              |          |     | 3   | 2  |     | 57  | 38                       | 0                   |                     | 93%                              |          |     | 39  | 54 |     | 5   | 2                        | 0                    |                     |
| 03/13/15 | Fri | 0%                               |          |     | 44  | 56 |     |     |                          | 0                   | 150-180@5-10knts,RA | 100%                             |          |     | 40  | 60 |     |     |                          | 0                    |                     |
| 03/14/15 | Sat |                                  |          |     |     |    |     |     |                          |                     |                     |                                  |          |     |     |    |     |     |                          |                      |                     |
| 03/15/15 | Sun |                                  |          |     |     |    |     |     |                          |                     |                     |                                  |          |     |     |    |     |     |                          |                      |                     |
| 03/16/15 | Mon | 0%                               |          |     | 43  | 57 |     |     |                          | 0                   | 210-250@6-11knts    | 100%                             |          |     | 45  | 55 |     |     |                          | 0                    |                     |
| 03/17/15 | Tue | 98%                              |          |     | 1   | 1  |     | 60  | 38                       | 0                   |                     | 12%                              |          |     | 5   | 7  |     | 52  | 36                       | 0                    | 020-040@6-12knts    |
| 03/18/15 | Wed | 0%                               |          |     | 45  | 55 |     |     |                          | 0                   | 050-080@6-9knts     | 100%                             |          |     | 38  | 62 |     |     |                          | 0                    |                     |
| 03/19/15 | Thu | 93%                              |          |     | 7   |    |     | 57  | 36                       | 0                   |                     | 94%                              |          |     | 34  | 60 |     | 2   | 4                        | 0                    |                     |
| 03/20/15 | Fri | 24%                              |          |     | 36  | 40 |     | 16  | 8                        | 0                   | 260-280@6-7knts     | 97%                              |          |     | 43  | 54 |     | 1   | 2                        | 0                    |                     |
| 03/21/15 | Sat |                                  |          |     |     |    |     |     |                          |                     |                     |                                  |          |     |     |    |     |     |                          |                      |                     |
| 03/22/15 | Sun |                                  |          |     |     |    |     |     |                          |                     |                     |                                  |          |     |     |    |     |     |                          |                      |                     |
| 03/23/15 | Mon | 99%                              |          |     | 1   |    |     | 61  | 38                       | 0                   |                     | 9%                               |          |     | 2   | 7  |     | 56  | 35                       | 0                    | 030-040@6-9knts     |
| 03/24/15 | Tue | 0%                               |          |     | 51  | 49 |     |     |                          | 0                   | 080-130@3-7knts,RA  | 99%                              |          |     | 35  | 64 |     |     | 1                        | 0                    |                     |
| 03/25/15 | Wed | 100%                             |          |     |     |    |     | 62  | 38                       | 0                   |                     | 6%                               |          |     | 2   | 4  |     | 50  | 44                       | 0                    | 320-030@7-14knts,RA |
| 03/26/15 | Thu | 100%                             |          |     |     |    |     | 59  | 41                       | 0                   |                     | 0%                               |          |     |     |    | 54  | 46  | 0                        | 330-360@5-9knts,RA   |                     |
| 03/27/15 | Fri | 100%                             |          |     |     |    |     | 62  | 38                       | 0                   |                     | 0%                               |          |     |     |    | 48  | 52  | 0                        | 340-010@6-11knts     |                     |
| 03/28/15 | Sat |                                  |          |     |     |    |     |     |                          |                     |                     |                                  |          |     |     |    |     |     |                          |                      |                     |
| 03/29/15 | Sun |                                  |          |     |     |    |     |     |                          |                     |                     |                                  |          |     |     |    |     |     |                          |                      |                     |
| 03/30/15 | Mon | 88%                              |          |     | 9   | 3  |     | 58  | 30                       | 0                   |                     | 96%                              |          |     | 34  | 62 |     | 2   | 2                        | 0                    |                     |
| 03/31/15 | Tue | 96%                              |          |     | 3   | 1  |     | 61  | 35                       | 0                   |                     | 92%                              |          |     | 36  | 56 |     | 3   | 5                        | 0                    |                     |

Preferred Flow

DATIS Reported Conditions Indicate  
Support for Non-Preferred Flow

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

# Daily Runway Use Summary- April 2015

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

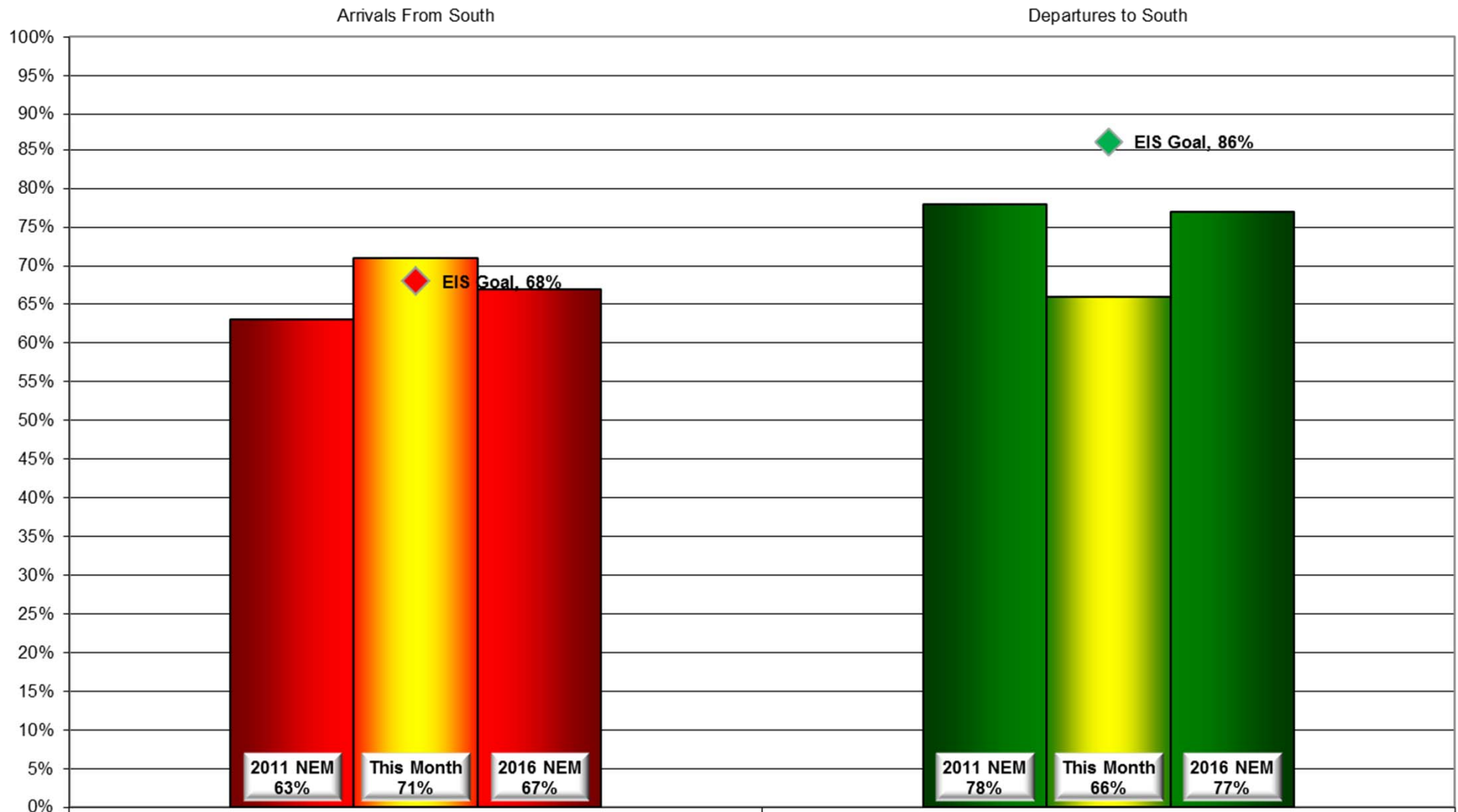
|          |     | % of all arrivals from the south |          |     |     |    |     |     |         |          |         | % of all departures to the south |       |            |    |     |     |    |     |         |     |         |                           |
|----------|-----|----------------------------------|----------|-----|-----|----|-----|-----|---------|----------|---------|----------------------------------|-------|------------|----|-----|-----|----|-----|---------|-----|---------|---------------------------|
| Date     | Day | * in                             | Runway # |     |     |    |     |     | Unknown |          | Notes / |                                  | ** in | Runway #   |    |     |     |    |     | Unknown |     | Notes / |                           |
|          |     | compliance                       | 11       | 17L | 17R | 29 | 35L | 35R | Use     | Comments |         |                                  |       | compliance | 11 | 17L | 17R | 29 | 35L | 35R     | Use |         |                           |
| 04/01/15 | Wed | 3%                               |          |     | 41  | 56 |     |     | 2       | 1        | 0       | 110-150@3-6knts                  | 98%   |            |    | 34  | 64  |    |     | 1       | 1   | 0       |                           |
| 04/02/15 | Thu | 10%                              |          |     | 38  | 52 |     |     | 5       | 5        | 0       | 180-340@7-18,G25,RA              | 56%   |            |    | 17  | 39  |    |     | 35      | 9   | 0       | 160-350@3-12knts,G20,TSRA |
| 04/03/15 | Fri | 100%                             |          |     |     |    |     |     | 68      | 32       | 0       |                                  | 0%    |            |    |     |     |    |     | 59      | 41  | 0       | 300-360@8-12knts          |
| 04/04/15 | Sat |                                  |          |     |     |    |     |     |         |          |         |                                  |       |            |    |     |     |    |     |         |     |         |                           |
| 04/05/15 | Sun |                                  |          |     |     |    |     |     |         |          |         |                                  |       |            |    |     |     |    |     |         |     |         |                           |
| 04/06/15 | Mon | 0%                               |          |     | 45  | 55 |     |     |         |          | 0       | 140-180@5-8knts,G15              | 90%   |            |    | 40  | 50  |    |     | 4       | 6   | 0       |                           |
| 04/07/15 | Tue | 0%                               |          |     | 43  | 57 |     |     |         |          | 0       | 100-170@3-5knts                  | 100%  |            |    | 37  | 63  |    |     |         |     | 0       |                           |
| 04/08/15 | Wed | 0%                               |          |     | 42  | 58 |     |     |         |          | 0       | 120-170@4-14knts                 | 100%  |            |    | 38  | 62  |    |     |         |     | 0       |                           |
| 04/09/15 | Thu | 0%                               |          |     | 49  | 51 |     |     |         |          | 0       | 190-200@12-19knts,G27            | 73%   |            |    | 29  | 44  |    |     | 14      | 13  | 0       | 280-300@19-21knts,G31,RA  |
| 04/10/15 | Fri | 99%                              |          |     |     | 1  |     |     | 63      | 36       | 0       |                                  | 20%   |            |    | 7   | 13  |    |     | 43      | 37  | 0       | 360-010@4-12knts          |
| 04/11/15 | Sat |                                  |          |     |     |    |     |     |         |          |         |                                  |       |            |    |     |     |    |     |         |     |         |                           |
| 04/12/15 | Sun |                                  |          |     |     |    |     |     |         |          |         |                                  |       |            |    |     |     |    |     |         |     |         |                           |
| 04/13/15 | Mon | 99%                              |          |     | 1   |    |     |     | 59      | 40       | 0       |                                  | 0%    |            |    |     |     |    |     | 59      | 41  | 0       | 020-050@5-14knts,G20,RA   |
| 04/14/15 | Tue | 99%                              |          |     | 1   |    |     |     | 55      | 44       | 0       |                                  | 94%   |            |    | 34  | 60  |    |     | 5       | 1   | 0       |                           |
| 04/15/15 | Wed | 0%                               |          |     | 41  | 59 |     |     |         |          | 0       | 070-100@3-6knts,RA               | 100%  |            |    | 38  | 62  |    |     |         |     | 0       |                           |
| 04/16/15 | Thu | 0%                               |          |     | 41  | 59 |     |     |         |          | 0       | 170-200@3-6knts                  | 100%  |            |    | 42  | 58  |    |     |         |     | 0       |                           |
| 04/17/15 | Fri | 92%                              |          |     | 7   | 1  |     |     | 56      | 36       | 0       |                                  | 94%   |            |    | 32  | 62  |    |     | 1       | 5   | 0       |                           |
| 04/18/15 | Sat |                                  |          |     |     |    |     |     |         |          |         |                                  |       |            |    |     |     |    |     |         |     |         |                           |
| 04/19/15 | Sun |                                  |          |     |     |    |     |     |         |          |         |                                  |       |            |    |     |     |    |     |         |     |         |                           |
| 04/20/15 | Mon | 89%                              |          |     | 4   | 3  |     | 4   | 57      | 32       | 0       |                                  | 96%   |            |    | 31  | 65  |    | 1   | 1       | 2   | 0       |                           |
| 04/21/15 | Tue | 0%                               |          |     | 48  | 52 |     |     |         |          | 0       | 210-220@10-13knts,G21            | 100%  |            |    | 39  | 61  |    |     |         |     | 0       |                           |
| 04/22/15 | Wed | 97%                              |          |     | 1   | 2  |     |     | 59      | 38       | 0       |                                  | 97%   |            |    | 38  | 59  |    |     | 1       | 2   | 0       |                           |
| 04/23/15 | Thu | 98%                              |          |     | 2   |    |     |     | 57      | 41       | 0       |                                  | 95%   |            |    | 34  | 61  |    |     | 2       | 3   | 0       |                           |
| 04/24/15 | Fri | 0%                               |          |     | 43  | 57 |     |     |         |          | 0       | 100-140@4-8knts,RA               | 100%  |            |    | 42  | 58  |    |     |         |     | 0       |                           |
| 04/25/15 | Sat |                                  |          |     |     |    |     |     |         |          |         |                                  |       |            |    |     |     |    |     |         |     |         |                           |
| 04/26/15 | Sun |                                  |          |     |     |    |     |     |         |          |         |                                  |       |            |    |     |     |    |     |         |     |         |                           |
| 04/27/15 | Mon | 97%                              |          |     | 2   | 1  |     |     | 60      | 37       | 0       |                                  | 93%   |            |    | 36  | 57  |    |     | 5       | 2   | 0       |                           |
| 04/28/15 | Tue | 95%                              |          |     | 3   | 2  |     |     | 56      | 39       | 0       |                                  | 93%   |            |    | 39  | 54  |    |     | 6       | 1   | 0       |                           |
| 04/29/15 | Wed | 96%                              |          |     | 2   | 2  |     |     | 60      | 36       | 0       |                                  | 91%   |            |    | 40  | 51  |    |     | 4       | 5   | 0       |                           |
| 04/30/15 | Thu | 100%                             |          |     |     |    |     |     | 59      | 41       | 0       |                                  | 0%    |            |    |     |     |    |     | 56      | 44  | 0       | 350-360@7-11knts          |

Preferred Flow

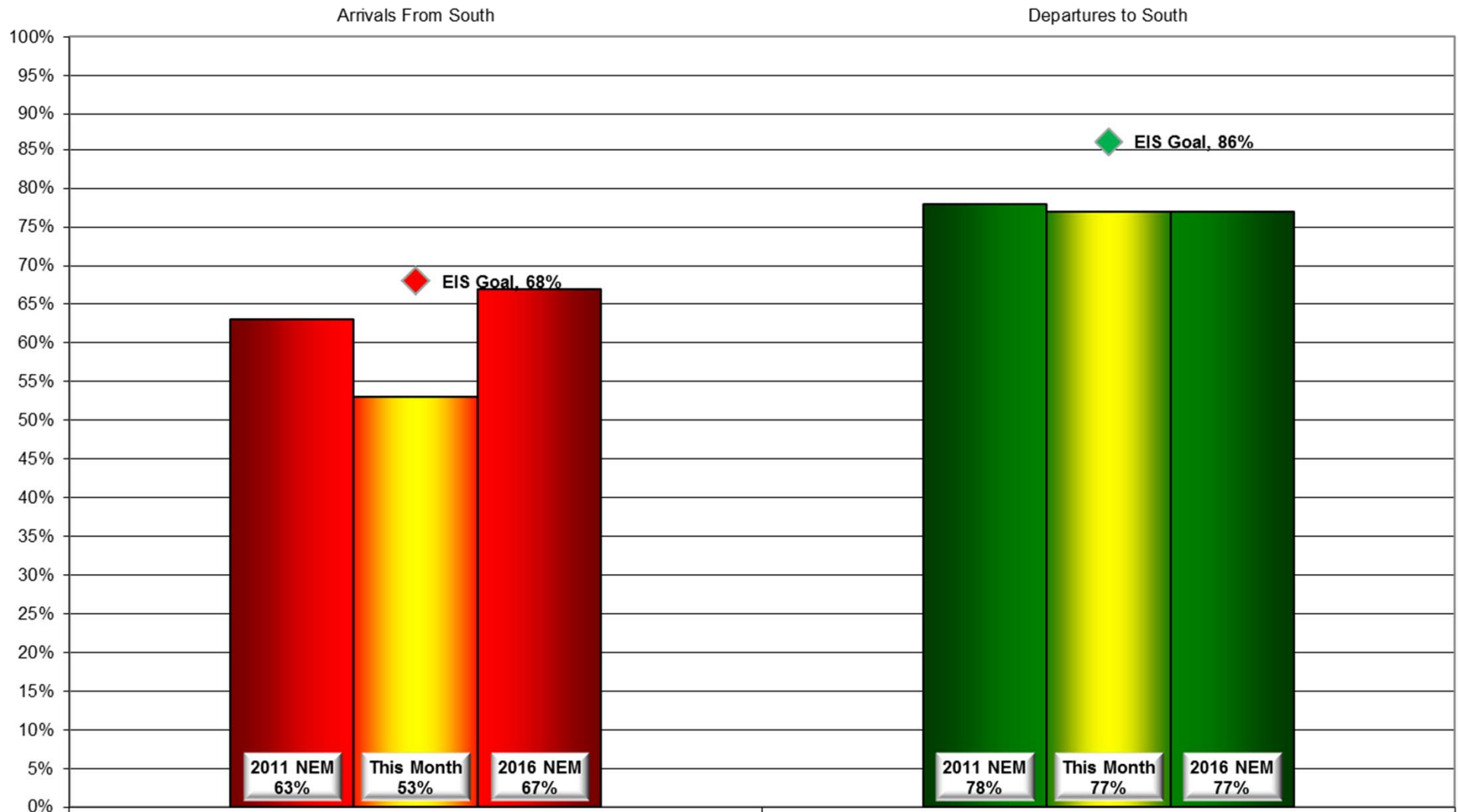
DATIS Reported Conditions Indicate  
Support for Non-Preferred Flow

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

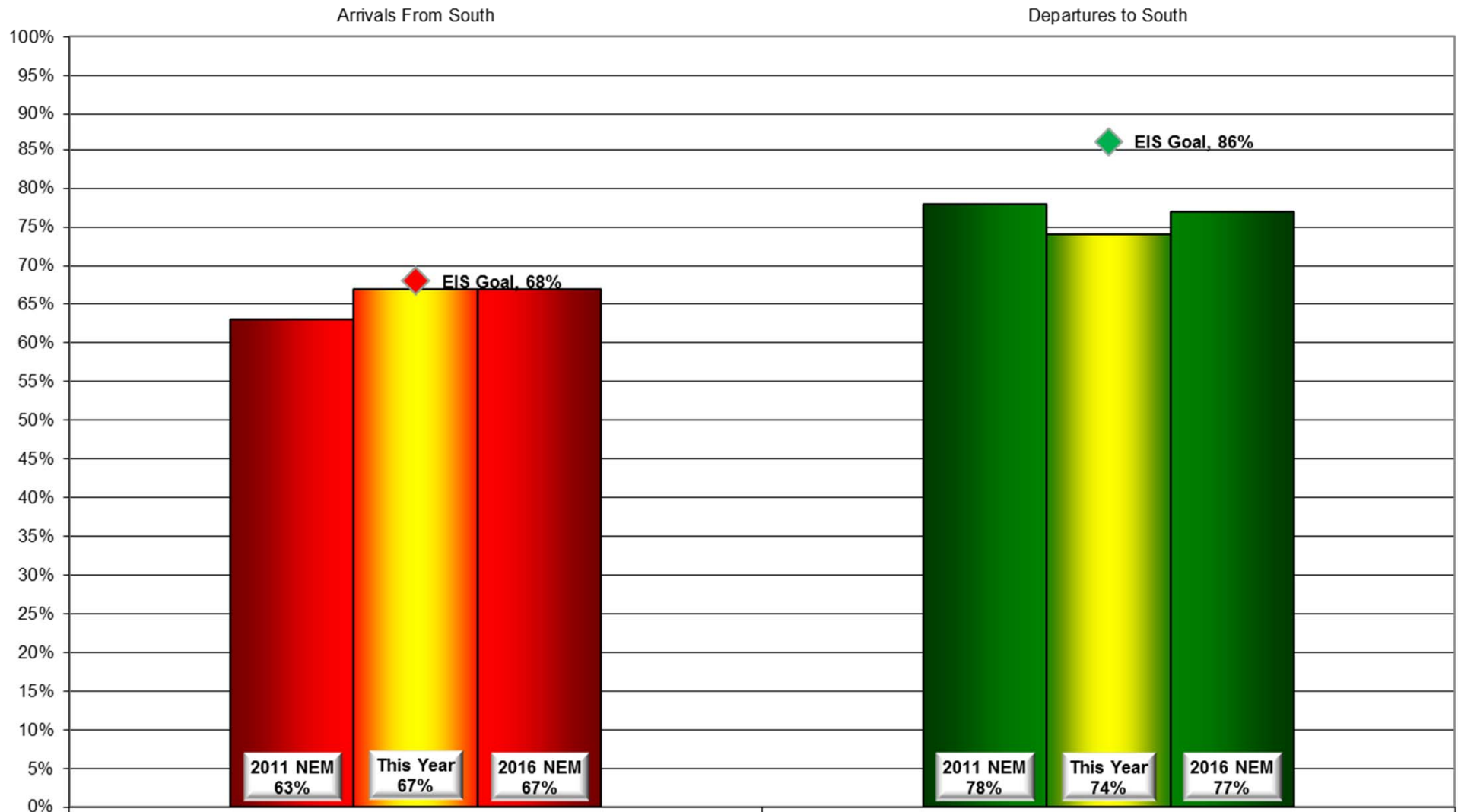
## Monthly Contraflow March 1 - 31, 2015



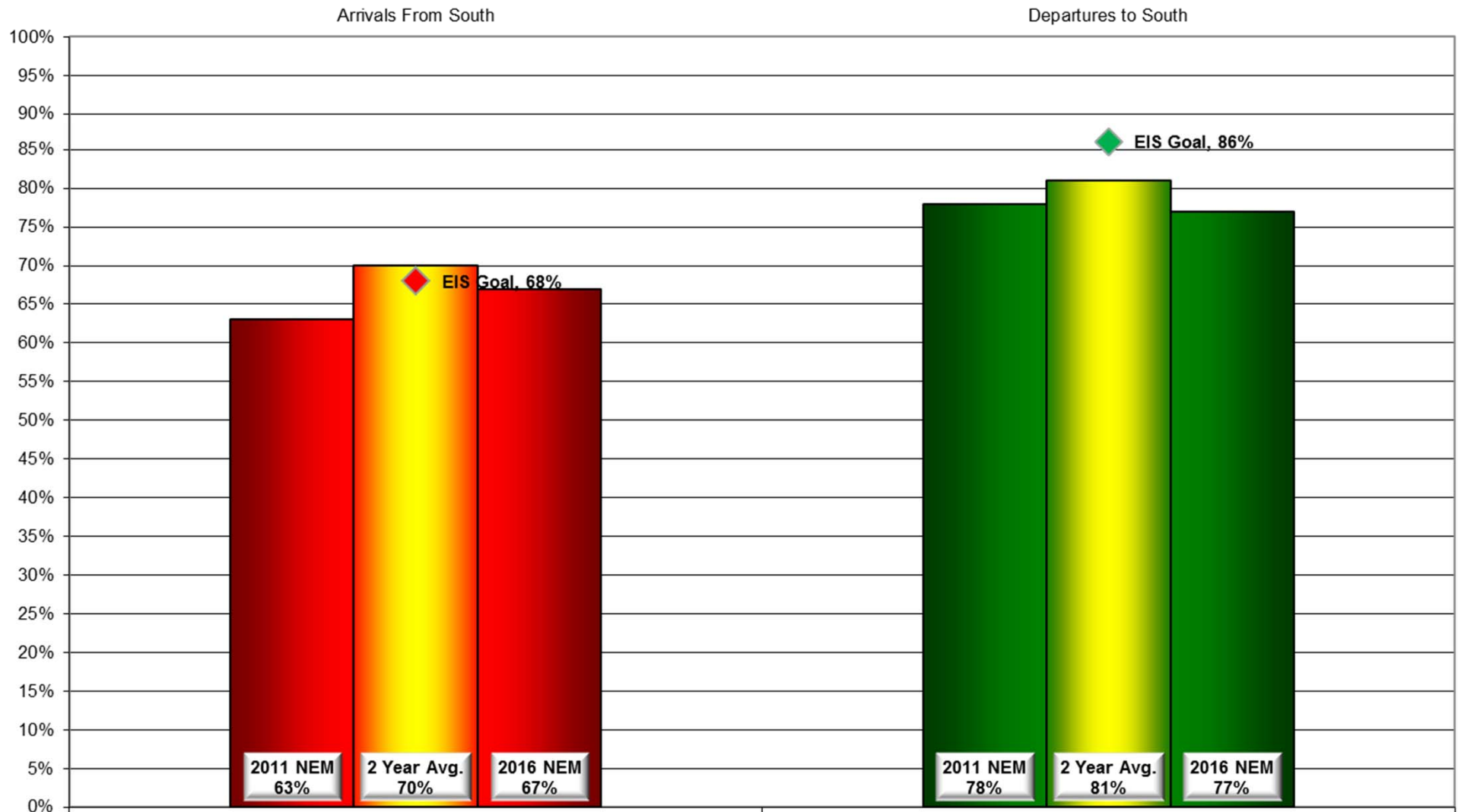
## Monthly Contraflow April 1 - 30, 2015



## Contraflow This Year As of May 1, 2015



## Contraflow 2 Year Average May 2013 - April 2015



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

| Arrivals From the South (Goal 68%) |      |      |      |      |      |      |      |      |     | Departures to the South (Goal 86%) |      |      |      |      |      |      |      |      |     |
|------------------------------------|------|------|------|------|------|------|------|------|-----|------------------------------------|------|------|------|------|------|------|------|------|-----|
|                                    | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | Avg |                                    | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | Avg |
| Jan                                | 50%  | 63%  | 94%  | 91%  | 62%  | 72%  | 51%  | 76%  | 70% | Jan                                | 80%  | 74%  | 54%  | 71%  | 80%  | 65%  | 81%  | 76%  | 73% |
| Feb                                | 50%  | 49%  | 90%  | 73%  | 69%  | 77%  | 72%  | 66%  | 68% | Feb                                | 74%  | 81%  | 71%  | 63%  | 74%  | 78%  | 71%  | 76%  | 74% |
| Mar                                | 52%  | 46%  | 80%  | 52%  | 61%  | 87%  | 60%  | 71%  | 64% | Mar                                | 68%  | 67%  | 82%  | 72%  | 96%  | 77%  | 77%  | 66%  | 76% |
| Apr                                | 44%  | 53%  | 57%  | 47%  | 78%  | 60%  | 67%  | 53%  | 57% | Apr                                | 92%  | 84%  | 84%  | 83%  | 76%  | 89%  | 83%  | 77%  | 84% |
| May                                | 66%  | 66%  | 56%  | 69%  | 72%  | 46%  | 60%  |      | 63% | May                                | 78%  | 84%  | 87%  | 85%  | 81%  | 85%  | 92%  |      | 85% |
| Jun                                | 38%  | 72%  | 66%  | 61%  | 79%  | 76%  | 75%  |      | 66% | Jun                                | 93%  | 81%  | 96%  | 93%  | 87%  | 80%  | 91%  |      | 88% |
| Jul                                | 75%  | 72%  | 61%  | 91%  | 62%  | 74%  | 79%  |      | 75% | Jul                                | 84%  | 82%  | 90%  | 88%  | 92%  | 88%  | 85%  |      | 87% |
| Aug                                | 92%  | 61%  | 59%  | 82%  | 49%  | 84%  | 61%  |      | 70% | Aug                                | 77%  | 96%  | 92%  | 91%  | 91%  | 92%  | 92%  |      | 90% |
| Sep                                | 91%  | 89%  | 70%  | 85%  | 55%  | 86%  | 85%  |      | 80% | Sep                                | 73%  | 82%  | 73%  | 64%  | 92%  | 87%  | 86%  |      | 81% |
| Oct                                | 76%  | 42%  | 80%  | 88%  | 62%  | 87%  | 75%  |      | 71% | Oct                                | 77%  | 71%  | 78%  | 63%  | 78%  | 89%  | 79%  |      | 75% |
| Nov                                | 66%  | 74%  | 85%  | 55%  | 84%  | 73%  | 78%  |      | 72% | Nov                                | 74%  | 73%  | 77%  | 72%  | 81%  | 83%  | 62%  |      | 75% |
| Dec                                | 58%  | 71%  | 67%  | 70%  | 64%  | 58%  | 78%  |      | 65% | Dec                                | 62%  | 65%  | 78%  | 65%  | 67%  | 71%  | 68%  |      | 69% |
| Avg                                | 63%  | 63%  | 72%  | 72%  | 66%  | 73%  | 70%  | 67%  |     | Avg                                | 78%  | 78%  | 80%  | 76%  | 83%  | 82%  | 81%  | 74%  |     |

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



***LOUISVILLE  
REGIONAL  
AIRPORT  
AUTHORITY®***

# **NOISE COMMENT REPORT**

**March 2015**

# Comments (SDF/LOU)

## March 2015

| 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  |
|--------------|----------|---------------------|---------------------|---------|------------------|----------|--------------|--|-----------------------------|---|
| Lynn ST      | 40217    | 2015-03-10 11:21:34 | 2015-03-10 11:21:34 | SDF     | Other            | NE       | Investigated | LQHP                                   | NONE                        | I am wondering if my home on Lynn Street can qualify for this program. I experience noise (and shaking) from air traffic that is bothersome, especially the military C130s, UPS, and Southwest planes. My home is over 115 years old and badly in need of updated insulation, which I have already self-funded in part. Please contact me or let me know if there are additional steps for me to take. I look forward to meeting with someone for an evaluation.  |
| E Burnett AV | 40217    | 2015-03-13 11:21:34 | 2015-03-13 11:21:34 | SDF     | Other            | NE       | Investigated | LQHP                                   | NONE                        | I was wondering if my home might become eligible for the Quieter Louisville program. We have planes fly directly above our home and it has even made our windows rattle. I looked at the map on the website and currently we are not eligible. However, we would really like to be considered at some point. We already have a new HVAC system but unfortunately, just like the other homes built in the same decade as mine, we have original windows and no insulation. I understand you probably can't make an exception for just our home; however, your consideration is much appreciated. |
| Ellison AV   | 40204    | 2015-03-13 12:21:34 | 2015-03-13 12:21:34 | SDF     | Other            | NE       | Investigated | LQHP                                   | NONE                        | I have a question about this program. My area was not on the original plan but I am curious if that area is being extended. The airplane noise in Germantown has grown quite a bit over the last year and it is more and more noticeable in the evening and overnight. I live on Ellison Avenue between Barret and Goss.  |

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# Comments (SDF/LOU)

## March 2015

| 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 Park RD   | 40118    | 2015-03-13<br>13:21:34 | 2015-03-13<br>13:21:34 | SDF     | Other            | SW       | Investigated | LQHP                                   | NONE                        | Homeowner called because daughter's boyfriend said that the program was moving to the Fairdale area. She wanted to see if that was true.  |
| Mullaney CT | 40229    | 2015-03-16<br>13:21:34 | 2015-03-16<br>13:21:34 | SDF     | Other            | SE       | Investigated | LQHP                                   | NONE                        | Homeowner called to see if his home was in the program or if they could get on a list to be in the program. She said that from 6:00 P.M. and 6:00 A.M. the planes are very loud. He said that they can hear when the wheels are coming out to be ready to land. |
| Rammers AV  | 40204    | 2015-03-16<br>13:21:34 | 2015-03-16<br>13:21:34 | SDF     | Other            | NE       | Investigated | LQHP                                   | NONE                        | The homeowner called and said she saw a program on TV about new windows and doors for homes by the airport. She wanted to see if her home was part of that since she lives in Germantown and has noise from the planes.   |

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# Comments (SDF/LOU)

## March 2015

| 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   |
|--------------|----------|------------------------|------------------------|---------|------------------|----------|--------------|--|-----------------------------|--|
| Alexander AV | 40217    | 2015-03-17<br>14:11:42 | 2015-03-17<br>14:11:42 | SDF     | Other            | NE       | Investigated | LQHP                                   | NONE                        | <p>When we moved here two years ago, our realtor suggested your program to us; however, when we looked it up, we saw that we were just out of the boundary. I looked it up again this evening and noticed that even the house across from us on Minoma is listed as in the Phase 7 boundary. Today, while out walking with my daughters, I met a couple who has lived in the neighborhood for 5 years. We were standing outside my home, at my front steps, and the man made a small joke about how it's a "quiet neighborhood." I then mentioned your program and how the people across from us and caddie-corner from us received soundproof windows. I told the couple we were ineligible for the program. He was shocked at our ineligibility having stood at my home while the plane passed. He immediately began praising the program's benefits and told me about the many upgrades it had provided him and his wife. He encouraged me to write you to see why my home isn't listed within any of the boundaries. The planes fly over our home so directly that not only do we face sound interference; we also have television reception interference. If we are standing outside talking to someone when a plane flies over, the conversation must stop, and everyone talking must wait until the plane has passed. Even when we're in the backyard with our children, we look up immediately when a plane flies over, and we know our home is right in its path; we can read the writing on the plane... (Truncated)</p> |

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# Comments (SDF/LOU)

## March 2015

| 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  |
|-------------|----------|------------------------|------------------------|---------|------------------|----------|--------------|--|-----------------------------|---|
| Dyer AV     | 40213    | 2015-03-27<br>14:11:42 | 2015-03-27<br>14:11:42 | SDF     | Other            | NE       | Investigated | LQHP                                   | NONE                        | Homeowner called to check on eligibility. She said that the planes at 3:00 A.M. every day wake her up and the house rattles and shakes.   |
|             |          |                        |                        |         |                  |          | Received     | LQHP                                   | 8                           |   |
| Faywood Way | 40215    | 2015-03-02<br>12:19:57 | 2015-03-02<br>12:19:57 | SDF     | Constant Noise   | NW       | Investigated | Standard                               | None                        | I hear a steady continuous noise in my neighborhood. Can you tell me what that is or where it is coming from?   |
| Mohawk AV   | 40214    | 2015-03-04<br>13:36:08 | 2015-03-03<br>23:00:00 | SDF     | Too Much Noise   | NW       | Investigated | Non-Standard                           | Weather                     | I live in the Beechmont Community. I thought there was a regulation that the planes could not fly over the neighborhood at 4:00 in the morning. Last night I swear they never stopped, 11:00 P.M. on. My daughter is recovering from cancer and taking chemo, we have bought ear plugs and everything else so she can try to get a night's sleep. I thought for sure there was some type of a time when there would not be overhead flying like that. I am all for UPS and FEDEX and everyone else; It is just that everyone in the neighborhood would like to get a night's sleep once in a while. |
| Peggy DR    | 40219    | 2015-03-04<br>06:02:00 | 2015-03-04<br>02:00:00 | SDF     | Vibrations       | SE       | Investigated | Non-Standard                           | Weather                     | I am a resident of Peggy Drive. The noise on March 4 from 2:00 A.M. to 6:00 A.M. was shaking the windows in my house as well as waking my 3-year old, thinking it was thunder. I was wondering if there is an explanation for this uncommon noise. Also is this a new route for planes. I live at least 4 miles from the airport and it sounded as if I was on the runway. Some info would be greatly appreciated.  |

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# Comments (SDF/LOU)

## March 2015

| 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   |
|-------------------|----------|------------------------|------------------------|---------|------------------|----------|--------------|--|-----------------------------|--|
| Larue AV          | 40213    | 2015-03-04<br>09:14:02 | 2015-03-04<br>09:14:02 | SDF     | Other            | NE       | Investigated | Non-Standard                           | Weather                     | We live on Larue Avenue and the airplane noise has increased in the past month. When are our houses going to be soundproofed as our neighbors were?  |
| Wolfe AV          | 40217    | 2015-03-11<br>16:49:15 | 2015-03-11<br>16:49:15 | SDF     | Other            | NE       | Investigated | Standard                               | None                        | I am calling about the quiet house project. I was given your name by them. I'm just hoping you can give me some insight into my problem.   |
| Administration DR | 40209    | 2015-03-16<br>11:34:18 | 2015-03-16<br>11:34:18 | SDF     | Other            | SW       | Investigated | Standard                               | None                        | What types of aircraft are leaving those trails in the sky? It never fails that this happens on beautiful days. I want you to get back with me and tell me what types of planes are leaving those trails. Are they commercial, military or other?  |
| Holsclaw Hill RD  | 40109    | 2015-03-17<br>04:16:06 | 2015-03-17<br>03:00:00 | SDF     | Too Much Noise   | SW       | Investigated | Standard                               | None                        | Nightly noise from plane traffic at SDF is unbearable beginning at approximately 3:00 to 4:00 A.M. It lasts approximately 3 hours and makes getting a good night's sleep impossible. Can the planes be rerouted? What else can be done to get a nights rest? Where can I voice my complaint? |
| Lombardy DR       | 47129    | 2015-03-23<br>15:00:33 | 2015-03-20<br>20:45:33 | SDF     | Other            | SI       | Investigated | Standard                               | None                        | On Friday night the 20th at around 8:45 P.M. there was a steady stream of about 20 red globes that looked like fire. They were all at the same altitude about 1/4 mile apart. They were headed NW to SE at about 800' to 1800' AGL. Can you tell me what they were?                          |
| Faywood Way       | 40215    | 2015-03-26<br>13:06:48 | 2015-03-24<br>03:30:48 | SDF     | Too Much Noise   | NW       | Investigated | Non-Standard                           | None                        | This morning we had a rumbling noise of airplanes coming over our house starting at about 3:30 A.M.  |

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# Comments (SDF/LOU)

## March 2015

| 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  |
|---------------|----------|------------------------|------------------------|---------|------------------|----------|--------------|--|-----------------------------|---|
| Wellbrooke RD | 40205    | 2015-03-26<br>18:14:30 | 2015-03-26<br>03:00:00 | SDF     | Aircraft Too Low | NE       | Investigated | Non-Standard                           | Weather                     | I was awakened last night at around 3:30 A.M. by what I presume to be about 8 jets over my house that seemed to be low to the ground. I was just curious what in the world was going on over there. Could you please call me? The irony of the situation is that my neighbor that was suffering from cancer who was not given many more days to live apparently died at the same time those jets were going over. I just wondered if that was his stair case to heaven. It might sound corny but I mean it sincerely. |
| Faywood Way   | 40215    | 2015-03-26<br>12:06:42 | 2015-03-26<br>03:30:42 | SDF     | Too Much Noise   | NW       | Investigated | Non-Standard                           | Weather                     | This morning starting at about 3:30 A.M. the airplanes were flying over my house. Are we eligible for any program to help reduce the noise levels?  |
| Kings Highway | 40205    | 2015-03-26<br>14:53:19 | 2015-03-26<br>04:00:19 | SDF     | Too Much Noise   | NE       | Investigated | Non-Standard                           | Weather                     | Were the UPS planes going over this morning? We have not had much of a problem for the past few months. This morning however, they shook me out of bed at about 4:00 A.M. and for about an hour or so it was really, really loud. Can you check and just let me know what that was?   |
|               |          |                        |                        |         |                  |          | Received     | LRAA                                   | 12                          |   |

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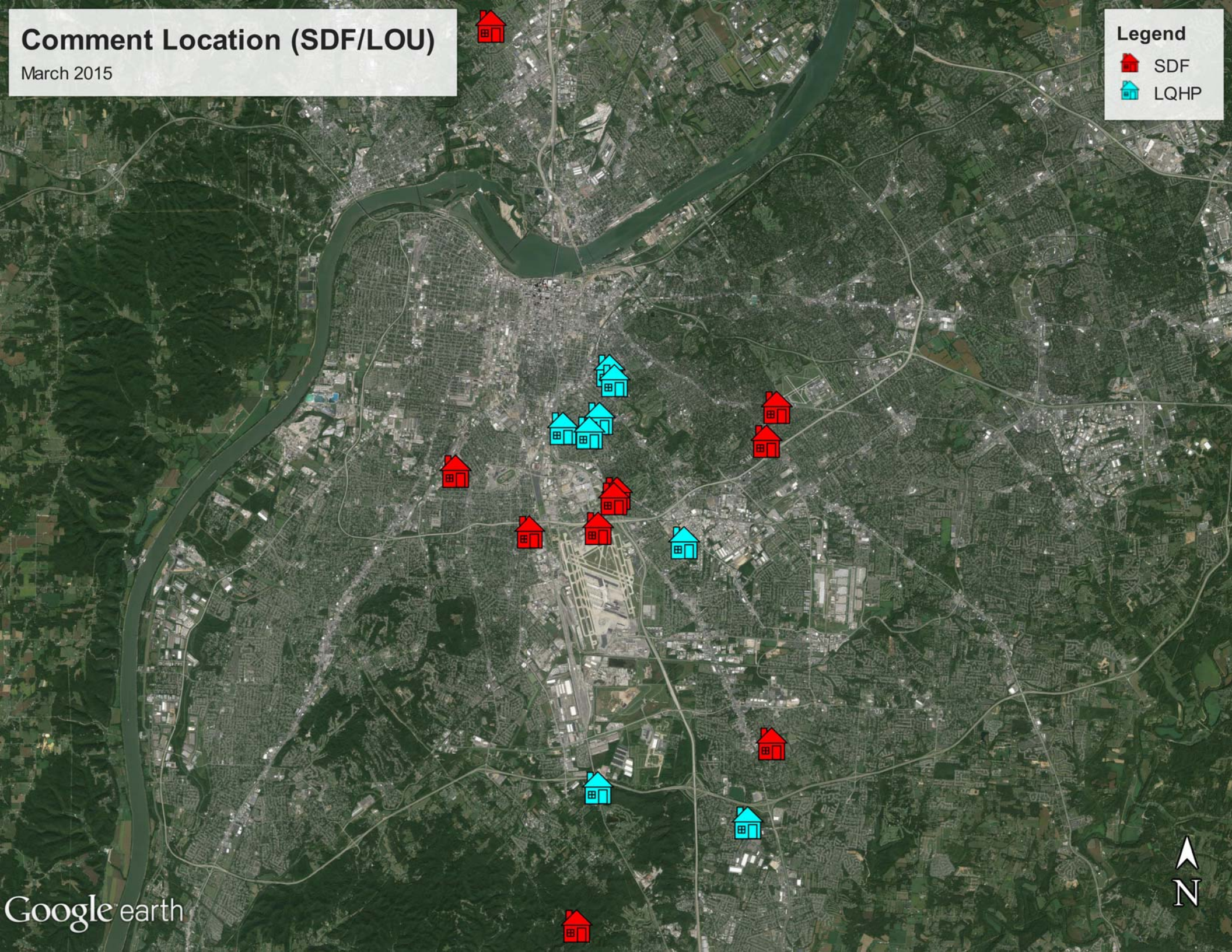
# Comment Location (SDF/LOU)

March 2015



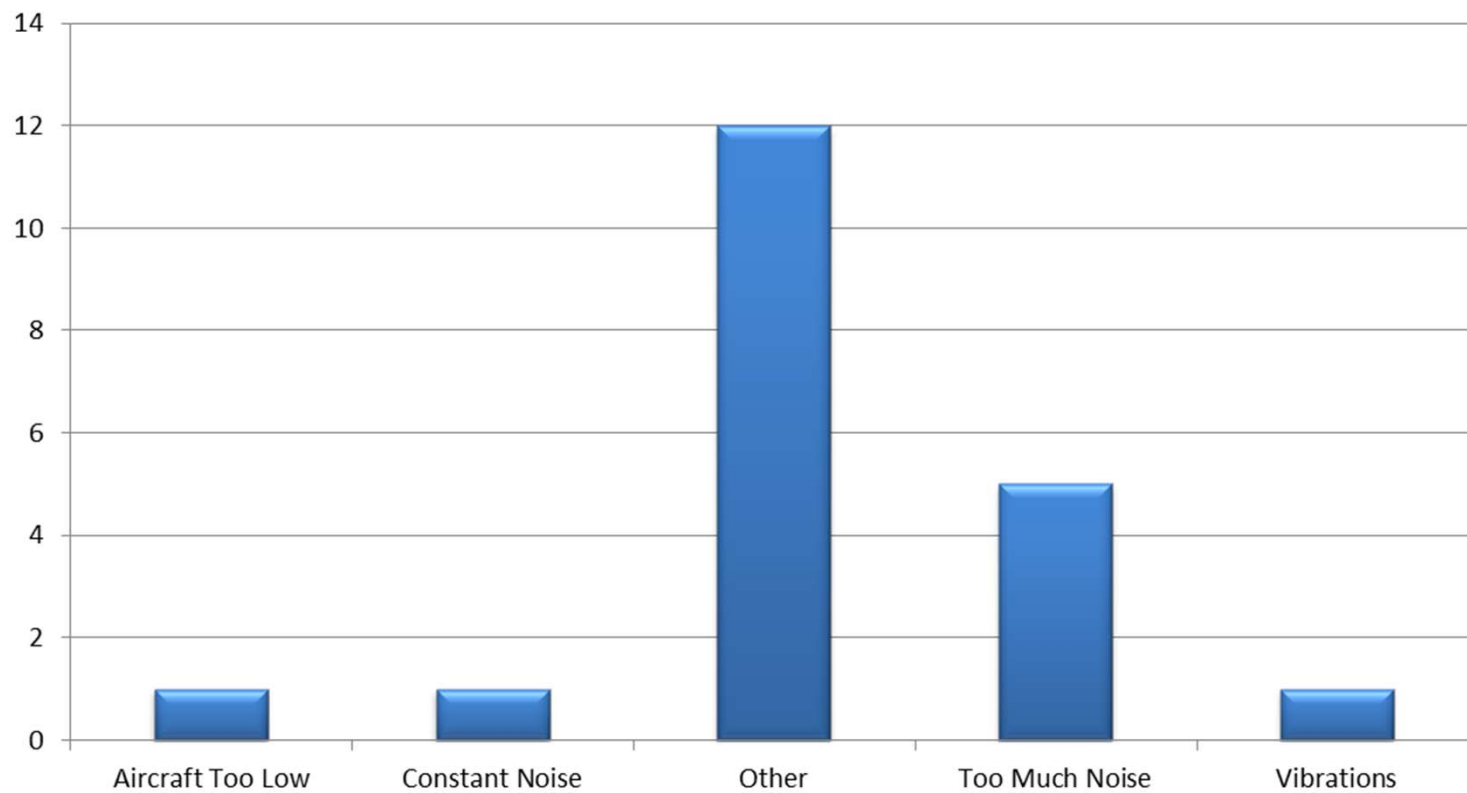
## Legend

-  SDF
-  LQHP



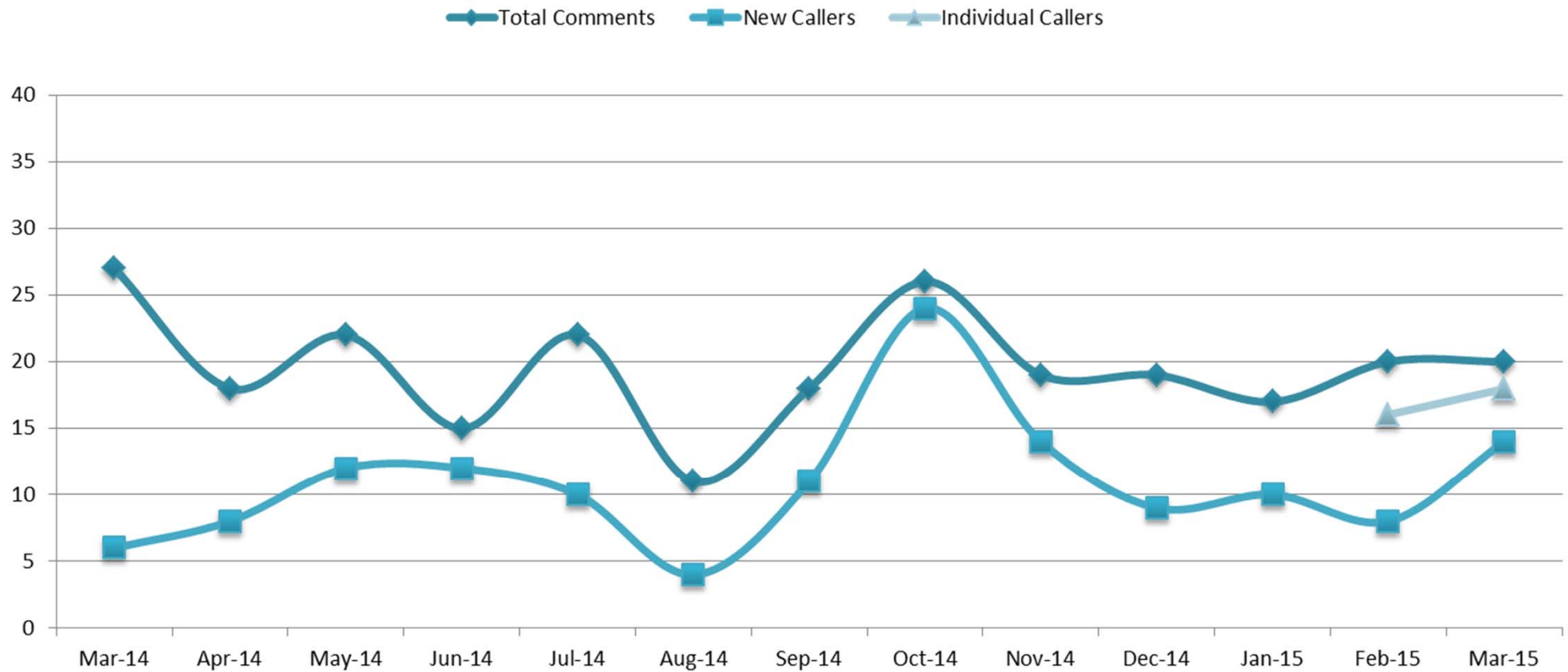
# Comment Type\* (SDF and LOU)

March 2015



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

March 2015





***LOUISVILLE  
REGIONAL  
AIRPORT  
AUTHORITY®***

# **NOISE COMMENT REPORT**

**April 2015**

# Comments (SDF/LOU)

## April 2015

| 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   |
|-------------|----------|---------------------|---------------------|---------|------------------|----------|--------------|--|-----------------------------|--|
| Belmar DR   | 40213    | 2015-04-02 10:59:17 | 2015-04-02 10:59:17 | SDF     | Other            | NE       | Investigated | LQHP                                   | NONE                        | A friend of mine just bought a home that is currently being completely modified to meet the needs of her extremely disabled son with a life threatening disease known as spinal muscular atrophy, type 1. I was hoping that you could assist me in determining what benefits from your program she qualifies for.  |
| Minoma AV   | 40217    | 2015-04-08 10:59:17 | 2015-04-08 10:59:17 | SDF     | Other            | NE       | Investigated | LQHP                                   | NONE                        | I believe my home isn't included in phase 7 but I would like to know how it was calculated because it is very noticeable when aircraft go over.  |
| Minoma AV   | 40217    | 2015-04-09 10:59:17 | 2015-04-09 10:59:17 | SDF     | Other            | NE       | Investigated | LQHP                                   | NONE                        | The homeowner's son called again because the planes were so loud they could not sit outside last night.  |
| Parklawn DR | 40217    | 2015-04-13 10:59:17 | 2015-04-13 09:59:17 | SDF     | Other            | NE       | Investigated | LQHP                                   | NONE                        | Homeowner called to see about becoming eligible for the program. He saw that he is out of the boundary line but wants to know how to get his home eligible.  |
| Wren RD     | 40213    | 2015-04-16 09:59:17 | 2015-04-16 09:59:17 | SDF     | Other            | NE       | Investigated | LQHP                                   | NONE                        | The renter of the property called to see if the home he is renting is in the program.  |
| Minoma AV   | 40217    | 2015-04-17 09:59:17 | 2015-04-17 09:59:17 | SDF     | Other            | NE       | Investigated | LQHP                                   | NONE                        | Homeowner called to see why he has not received any information about the QuieterHome Program. He sees the work being done on the houses at the other end of Minoma and is wondering when he will hear about it. He has lived there for several years and still has the original windows. He has also developed some cracks around the house that are from the planes. |
|             |          |                     |                     |         |                  |          | Received     | LQHP                                   | 6                           |  |

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# Comments (SDF/LOU)

## April 2015

| 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  |
|--------------|----------|------------------------|------------------------|---------|---------------------|----------|--------------|--|-----------------------------|---|
| Ridgewood AV | 40217    | 2015-04-06<br>09:00:48 | 2015-04-05<br>02:00:48 | SDF     | Constant Noise      | NE       | Investigated | Standard                               | None                        | I am calling for my mother trying to find out why she is not in the program to insulate homes. I was at her house yesterday for Easter and the planes were coming over and making noise all afternoon. How does the program work?   |
| Teal AV      | 40213    | 2015-04-06<br>14:00:26 | 2015-04-06<br>13:00:26 | SDF     | Noise At Wrong Time | NE       | Investigated | Non-Standard                           | Weather                     | I am calling about the noise from the airplanes. I talked with you awhile back and you told me about the direction the planes were supposed to be going. Are the planes still supposed to be going to the south at night?   |
| S 2nd ST     | 40208    | 2015-04-07<br>01:03:54 | 2015-04-07<br>00:03:54 | SDF     | Noise At Wrong Time | NW       | Investigated | Non-Standard                           | Weather                     | These airplanes are coming over like bombers in Old Louisville. This is right across the street from DuPont Manual High School. They have been doing this for half an hour or 45 minutes. One plane after the other. There is absolutely no wind moving either way. Perfectly still on the ground. They just seem to get lazy and it messes up our TV reception. It is also so loud. It is summer time and these houses are 115 years old and they don't have insulation and they don't have any air conditioning and it is just not fair. So I know I have talked with you in the past like about 10 or 15 years ago about that 7 mph situation with the winds coming from some direction. I don't think there is any wind overhead at all. It seems like they have been doing this more and more. |
| Minoma AV    | 40217    | 2015-04-08<br>11:25:26 | 2015-04-08<br>11:25:26 | SDF     | Constant Noise      | NE       | Investigated | Non-Standard                           | Weather                     | I was told about 15 years ago that at some point something would be done about the noise. Could you let me know what is going on?   |

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# Comments (SDF/LOU)

## April 2015

| 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   |
|------------|----------|---------------------|---------------------|---------|---------------------|----------|--------------|--|-----------------------------|--|
| Minoma AV  | 40217    | 2015-04-10 11:50:32 | 2015-04-09 10:55:32 | SDF     | Too Much Noise      | NE       | Investigated | Non-Standard                           | Weather                     | I am calling about the airplanes, and what I can do to have my house quieted. All day yesterday the planes were going directly over my house from about 10:55 AM on through this morning. You cannot sit on the porch or open the windows because it is so loud. I have been in this house for 65 years and when I see someone that just moved in down the street getting things done it's just not fair. It is not bad all the time but it was also bad on Monday. We were promised years ago that the airport was going to do something and now that they are working on the street they are telling me that I do not qualify. |
| Fayette AV | 40213    | 2015-04-13 23:00:00 | 2015-04-13 22:30:00 | SDF     | Too Much Noise      | NE       | Investigated | Non-Standard                           | Ops                         | At 10:55 PM it sounded like a jet going over top of our house. It rattled our windows and was just very loud. So I am calling to file a complaint.   |
| S. 2nd ST  | 40214    | 2015-04-14 19:24:04 | 2015-04-14 04:20:04 | SDF     | Aircraft Off Course | SW       | Investigated | Non-Standard                           | Weather                     | At 4:20 AM this morning UPS planes are going over the house. I don't mean halfway over our house, I mean over our house and I can't find a reason that would call for them to do that.   |
| Greenup RD | 40217    | 2015-04-15 12:45:59 | 2015-04-15 01:00:59 | SDF     | Too Much Noise      | NE       | Investigated | Standard                               | None                        | I am calling concerning the overnight UPS flights that are north. They are supposed to be using the south runway. They are keeping people awake.   |
| Fayette AV | 40213    | 2015-04-15 23:27:04 | 2015-04-15 23:00:00 | SDF     | Noise At Wrong Time | NE       | Investigated | Non-Standard                           | Weather                     | I was calling to make a complaint. At 11:22 PM a very loud plane went over. It sounded like a jet.   |

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# Comments (SDF/LOU)

## April 2015

| 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  |
|--------------|----------|------------------------|------------------------|---------|---------------------|----------|--------------|--|-----------------------------|---|
| Forum AV     | 40214    | 2015-04-16<br>09:55:45 | 2015-04-16<br>03:30:45 | SDF     | Too Much Noise      | SW       | Investigated | Standard                               | None                        | I am being continually woke up in the morning by the UPS planes flying out of your airport. I have basically had it. I called last night at about 4:00 AM to complain about it and threatening to call the police for disturbing the peace. Please call me back and we can discuss this matter in further detail. I have had it with the noise. It is not right and you know it is not right.   |
| Minoma AV    | 40217    | 2015-04-22<br>10:00:16 | 2015-04-22<br>10:11:16 | SDF     | Too Much Noise      | NE       | Investigated | Standard                               | None                        | The planes have been terrible here lately. When I bought my house the airplanes did not come over this way. Now they come directly over my house. They should do something about the noise. We pay plenty of taxes to keep these houses up. It is not fair that the person next door gets something but we do not.  |
| Applegate LN | 40228    | 2015-04-23<br>10:23:59 | 2015-04-22<br>12:40:59 | SDF     | Constant Noise      | SE       | Investigated | Non-Standard                           | Weather                     | The air traffic pattern has been constantly circling above my home.   |
| Alexander AV | 40217    | 2015-04-30<br>23:45:13 | 2015-04-30<br>23:15:13 | SDF     | Aircraft Off Course | NE       | Investigated | Non-Standard                           | Weather                     | I have a complaint about the aircraft noise over my property. I would like to know what is being done about the noise levels. I understand that I am not in the group of homes for the insulation program, but I am on the same street. How are you holding those airlines accountable for flying over certain parts of the city? I am outside a lot and see the planes flying directly over my house. I know I am in the flight path on many nights as well. As many airplanes fly over my house as they do over my neighbor's houses across the street. |
|              |          |                        |                        |         |                     |          | Received     | LRAA                                   | 13                          |   |

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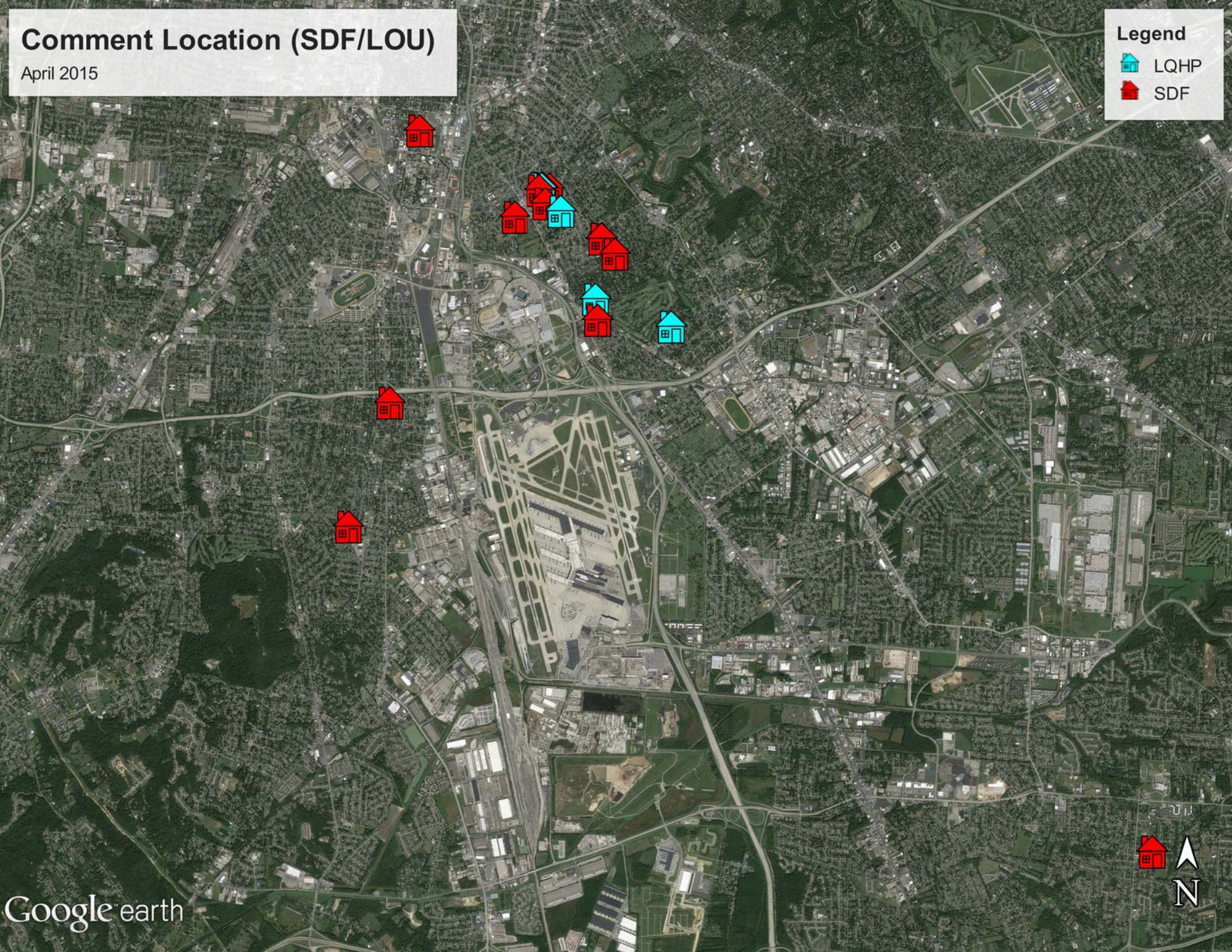
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# Comment Location (SDF/LOU)

April 2015

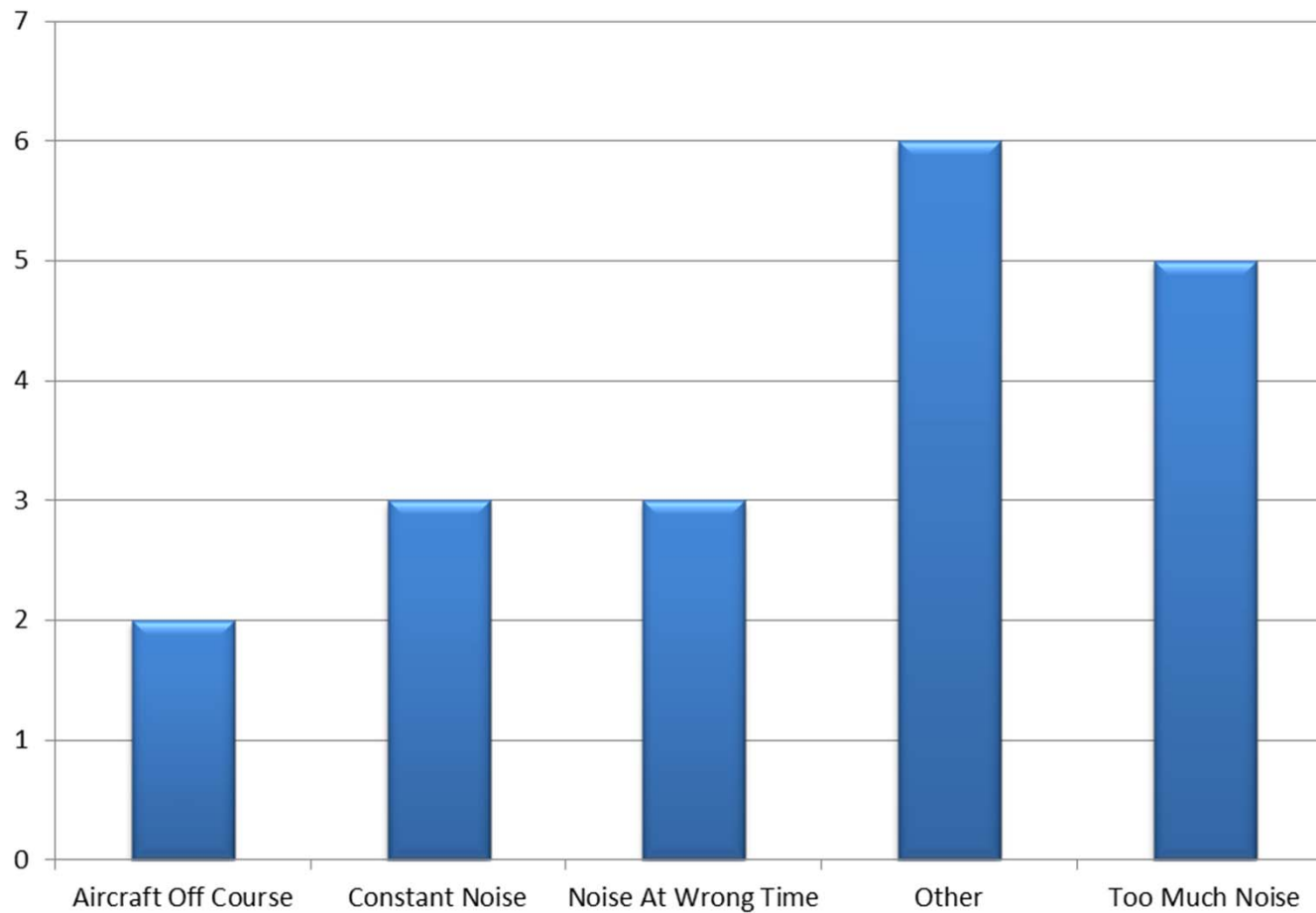
## Legend

-  LQHP
-  SDF



# Comment Type\* (SDF and LOU)

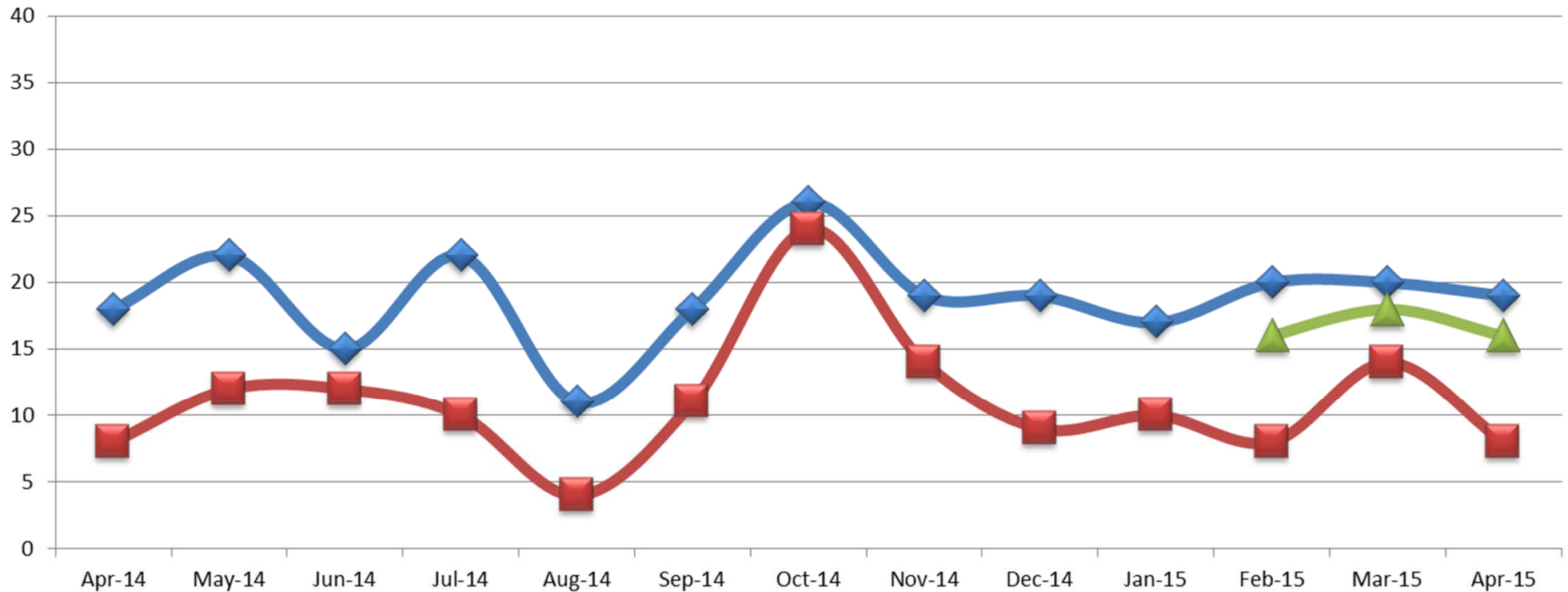
April 2015



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

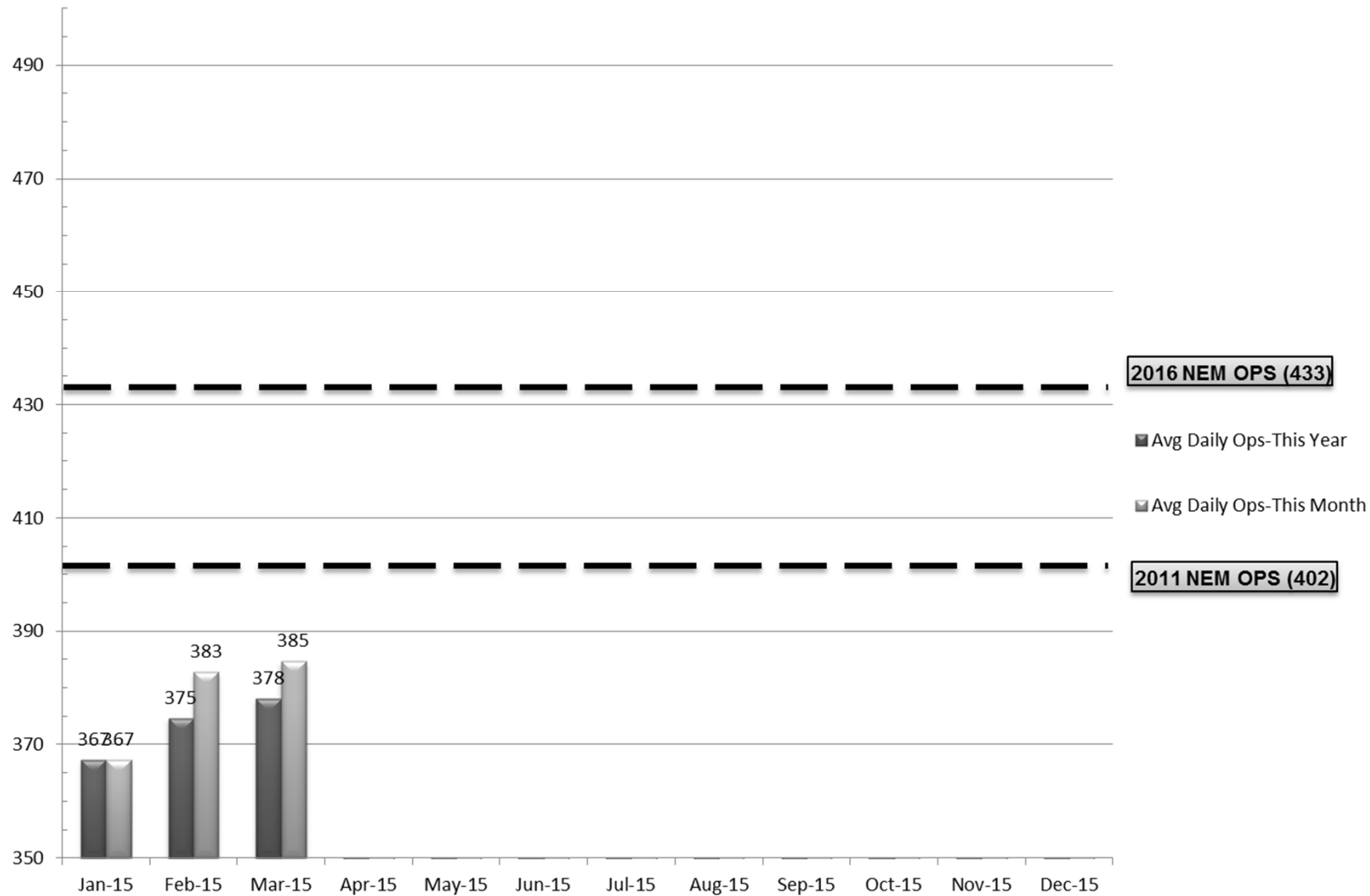
April 2015

◆ Total Comments    ■ New Callers    ▲ Individual Callers



# Operations (SDF)

As of March 31, 2015



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

# Daily Runway Use Uncorrected (SDF) March 2015

[illegible]

# Daily Runway Use (SDF)

Tower Comments March 2015

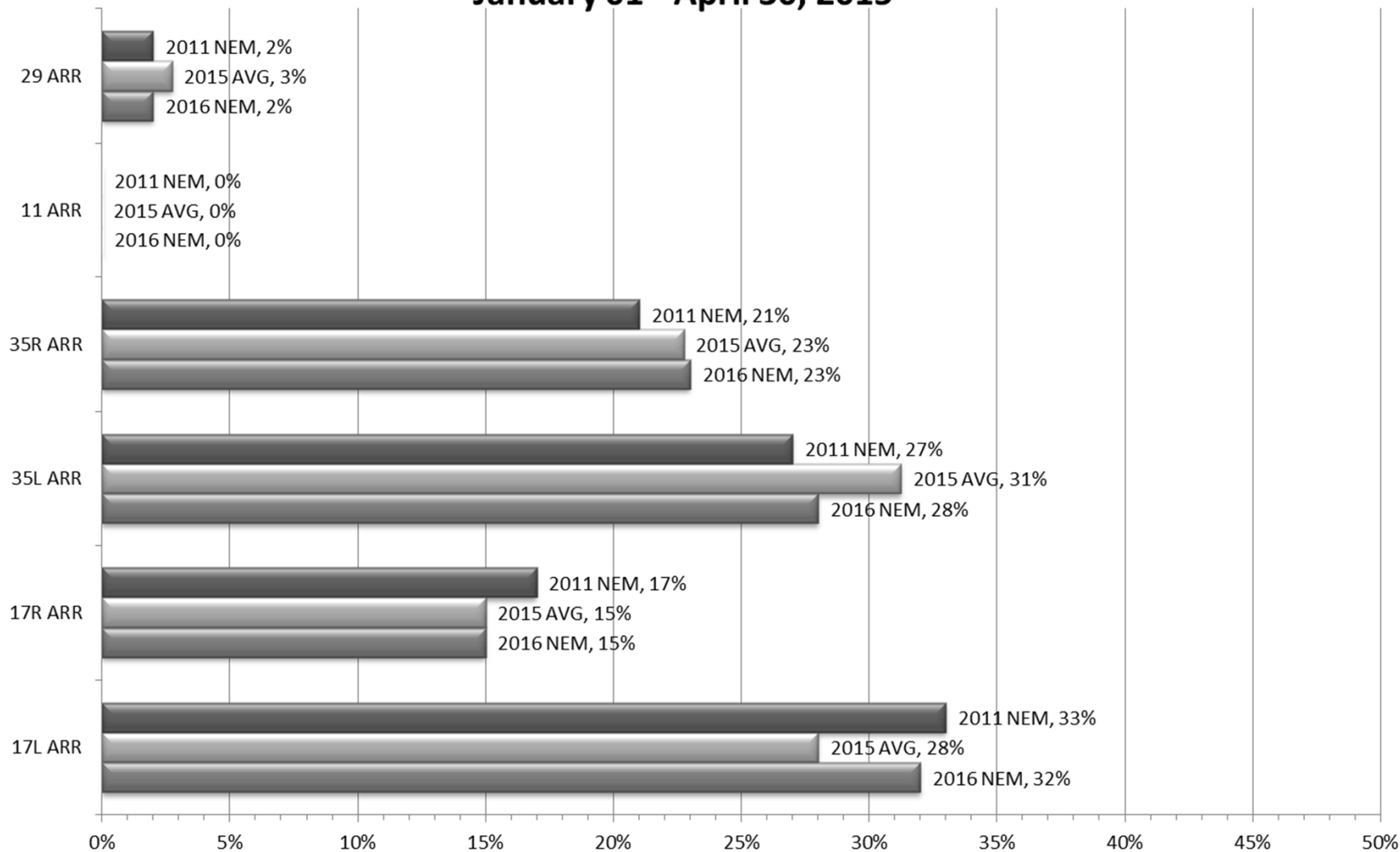
| Day | Date      | Time      | Comment                                    |
|-----|-----------|-----------|--|
| Sun | 1-Mar-15  | 1800-0000 | No valid reason thru 2235, then wind 3208. |
| Mon | 2-Mar-15  | 0600-0900 | Wind 3609                                  |
| Tue | 3-Mar-15  |           |  |
| Wed | 4-Mar-15  |           |  |
| Thu | 5-Mar-15  | 1900-2130 | Wind 0310                                  |
| Fri | 6-Mar-15  | 0930-1230 | Wind 1509 & snow removal                   |
| Sat | 7-Mar-15  |           |  |
| Sun | 8-Mar-15  |           |  |
| Mon | 9-Mar-15  |           |  |
| Tue | 10-Mar-15 |           |  |
| Wed | 11-Mar-15 | 0730-0900 | Wind 3605, wet runways                     |
| Wed | 11-Mar-15 | 1300-1500 | Wind 0209                                  |
| Thu | 12-Mar-15 |           |  |
| Fri | 13-Mar-15 |           |  |
| Sat | 14-Mar-15 | 1300-1800 | Wind 3208, wet runways                     |
| Sun | 15-Mar-15 |           |  |
| Mon | 16-Mar-15 | 2200-0000 | Wind 1609                                  |
| Tue | 17-Mar-15 | 0000-0230 | Wind 1914G19                               |
| Wed | 18-Mar-15 | 2200-0000 | Acft ops in Restricted Area R3704          |
| Thu | 19-Mar-15 | 0000-0230 | Acft ops in Restricted Area R3704          |
| Fri | 20-Mar-15 | 1300-1430 | Wind 3206, wet runways                     |
| Fri | 20-Mar-15 | 2200-0000 | Log shows north operation.                 |
| Sat | 21-Mar-15 | 0000-0230 | Log shows north operation.                 |
| Sun | 22-Mar-15 | 0130-0530 | Wind 0109G17                               |
| Mon | 23-Mar-15 |           |  |
| Tue | 24-Mar-15 | 0300-0700 | Anemometer OTS, wind forecast 0210         |
| Wed | 25-Mar-15 | 1830-2130 | Wind 3109, then 3612                       |
| Thu | 26-Mar-15 |           |  |
| Fri | 27-Mar-15 |           |  |
| Sat | 28-Mar-15 | 0930-2000 | Wind 0210                                  |
| Sun | 29-Mar-15 |           |  |
| Mon | 30-Mar-15 | 0500-0900 | Wind 3211G16                               |
| Tue | 31-Mar-15 |           |  |

# Daily Runway Use Uncorrected (SDF) April 2015

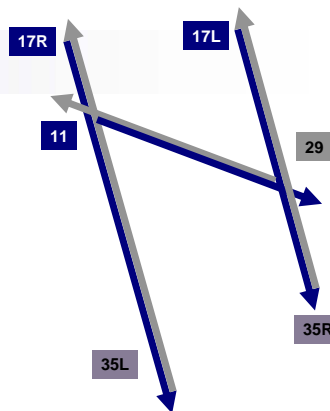
[illegible]

# Runway Use (SDF Arrivals)

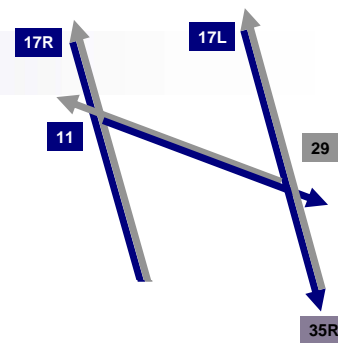
## NEM vs. Actual January 01 - April 30, 2015



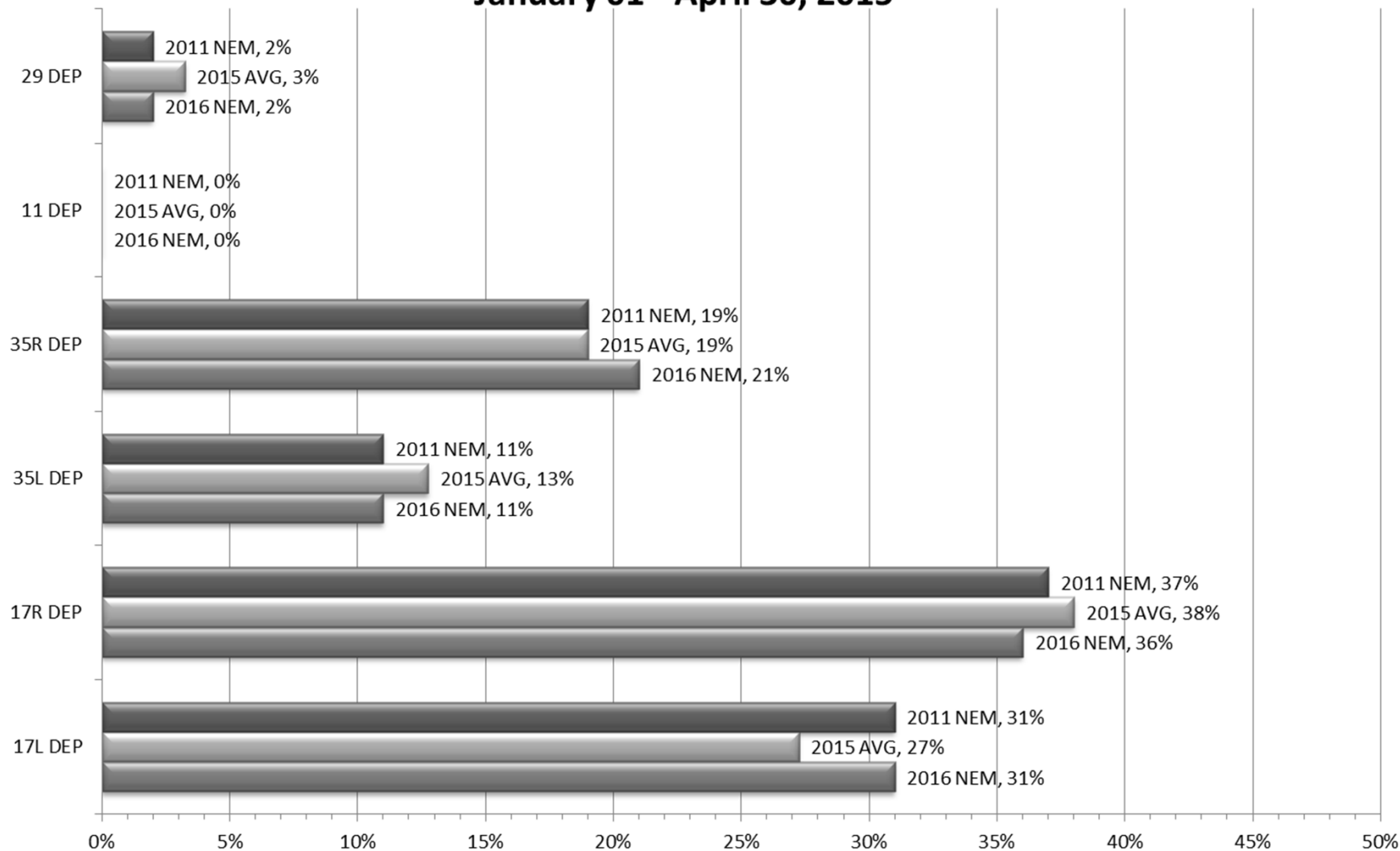
Source: Louisville International Airport  
Aircraft Flight Tracking and Noise Management System (AFTNMS)

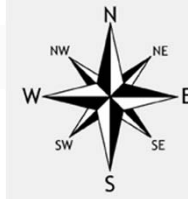


# Runway Use (SDF Departures)



**NEM vs. Actual**  
**January 01 - April 30, 2015**



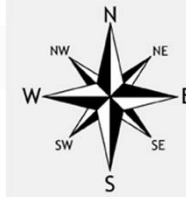


# Runway Use 0930L-1230L<sub>(SDF)</sub>

As of April 2015

|              | Arrival Percentage by Runway |     |     |    |     |     |              |     | Departure Percentage by Runway |     |     |    |     |     |            |     |
|--------------|------------------------------|-----|-----|----|-----|-----|--------------|-----|--------------------------------|-----|-----|----|-----|-----|------------|-----|
|              | 11                           | 17L | 17R | 29 | 35L | 35R | % From South |     | 11                             | 17L | 17R | 29 | 35L | 35R | % To North |     |
| May-13       | 0                            | 33  | 33  | 0  | 20  | 14  | 34           | 785 | 0                              | 33  | 31  | 1  | 10  | 25  | 35         | 410 |
| Jun-13       | 0                            | 10  | 13  | 0  | 43  | 31  | 74           | 717 | 0                              | 8   | 13  | 0  | 22  | 57  | 79         | 534 |
| Jul-13       | 0                            | 23  | 10  | 0  | 42  | 25  | 67           | 694 | 0                              | 24  | 12  | 0  | 20  | 44  | 64         | 465 |
| Aug-13       | 0                            | 22  | 10  | 0  | 43  | 25  | 68           | 725 | 0                              | 18  | 13  | 0  | 13  | 56  | 69         | 483 |
| Sep-13       | 0                            | 13  | 5   | 0  | 43  | 39  | 82           | 676 | 0                              | 14  | 5   | 0  | 25  | 56  | 81         | 448 |
| Oct-13       | 0                            | 16  | 14  | 2  | 37  | 31  | 68           | 864 | 0                              | 12  | 18  | 3  | 13  | 54  | 67         | 535 |
| Nov-13       | 0                            | 29  | 12  | 0  | 39  | 20  | 59           | 721 | 0                              | 26  | 19  | 3  | 12  | 40  | 52         | 437 |
| Dec-13       | 0                            | 14  | 13  | 0  | 42  | 31  | 73           | 943 | 0                              | 14  | 16  | 0  | 9   | 61  | 70         | 460 |
| Jan-14       | 0                            | 27  | 21  | 2  | 29  | 21  | 50           | 682 | 0                              | 28  | 21  | 4  | 19  | 37  | 56         | 401 |
| Feb-14       | 0                            | 13  | 11  | 7  | 37  | 32  | 69           | 669 | 0                              | 19  | 11  | 7  | 15  | 48  | 63         | 359 |
| Mar-14       | 0                            | 25  | 21  | 7  | 29  | 18  | 47           | 675 | 0                              | 30  | 18  | 4  | 7   | 41  | 48         | 408 |
| Apr-14       | 0                            | 33  | 19  | 5  | 23  | 20  | 43           | 700 | 0                              | 39  | 19  | 6  | 9   | 27  | 36         | 416 |
| May-14       | 0                            | 32  | 25  | 0  | 24  | 19  | 43           | 706 | 0                              | 36  | 22  | 1  | 5   | 36  | 41         | 387 |
| Jun-14       | 0                            | 27  | 22  | 0  | 36  | 15  | 51           | 643 | 0                              | 36  | 20  | 2  | 10  | 32  | 42         | 389 |
| Jul-14       | 0                            | 12  | 12  | 0  | 44  | 32  | 76           | 733 | 0                              | 12  | 10  | 0  | 20  | 58  | 78         | 410 |
| Aug-14       | 0                            | 13  | 2   | 0  | 54  | 31  | 85           | 673 | 0                              | 11  | 6   | 0  | 27  | 56  | 83         | 407 |
| Sep-14       | 0                            | 14  | 8   | 0  | 38  | 40  | 78           | 668 | 0                              | 11  | 11  | 0  | 20  | 58  | 78         | 388 |
| Oct-14       | 0                            | 30  | 20  | 0  | 25  | 25  | 50           | 767 | 0                              | 35  | 16  | 0  | 5   | 44  | 49         | 414 |
| Nov-14       | 0                            | 11  | 15  | 8  | 44  | 22  | 66           | 610 | 0                              | 16  | 14  | 11 | 10  | 49  | 59         | 335 |
| Dec-14       | 0                            | 22  | 13  | 0  | 38  | 27  | 65           | 959 | 0                              | 24  | 16  | 1  | 8   | 51  | 59         | 373 |
| Jan-15       | 0                            | 17  | 6   | 0  | 45  | 32  | 77           | 619 | 0                              | 15  | 8   | 3  | 22  | 52  | 74         | 313 |
| Feb-15       | 0                            | 14  | 18  | 0  | 37  | 31  | 68           | 619 | 0                              | 12  | 15  | 2  | 10  | 61  | 71         | 317 |
| Mar-15       | 0                            | 9   | 17  | 0  | 47  | 27  | 74           | 662 | 0                              | 10  | 15  | 0  | 28  | 47  | 75         | 396 |
| Apr-15       | 0                            | 20  | 15  | 14 | 37  | 14  | 51           | 667 | 0                              | 24  | 21  | 16 | 23  | 16  | 39         | 371 |
| Monthly Avg. | 0                            | 20  | 15  | 2  | 37  | 26  | 63           |     | 0                              | 21  | 15  | 3  | 15  | 46  | 61         |     |

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



# Gate Compliance by Runway

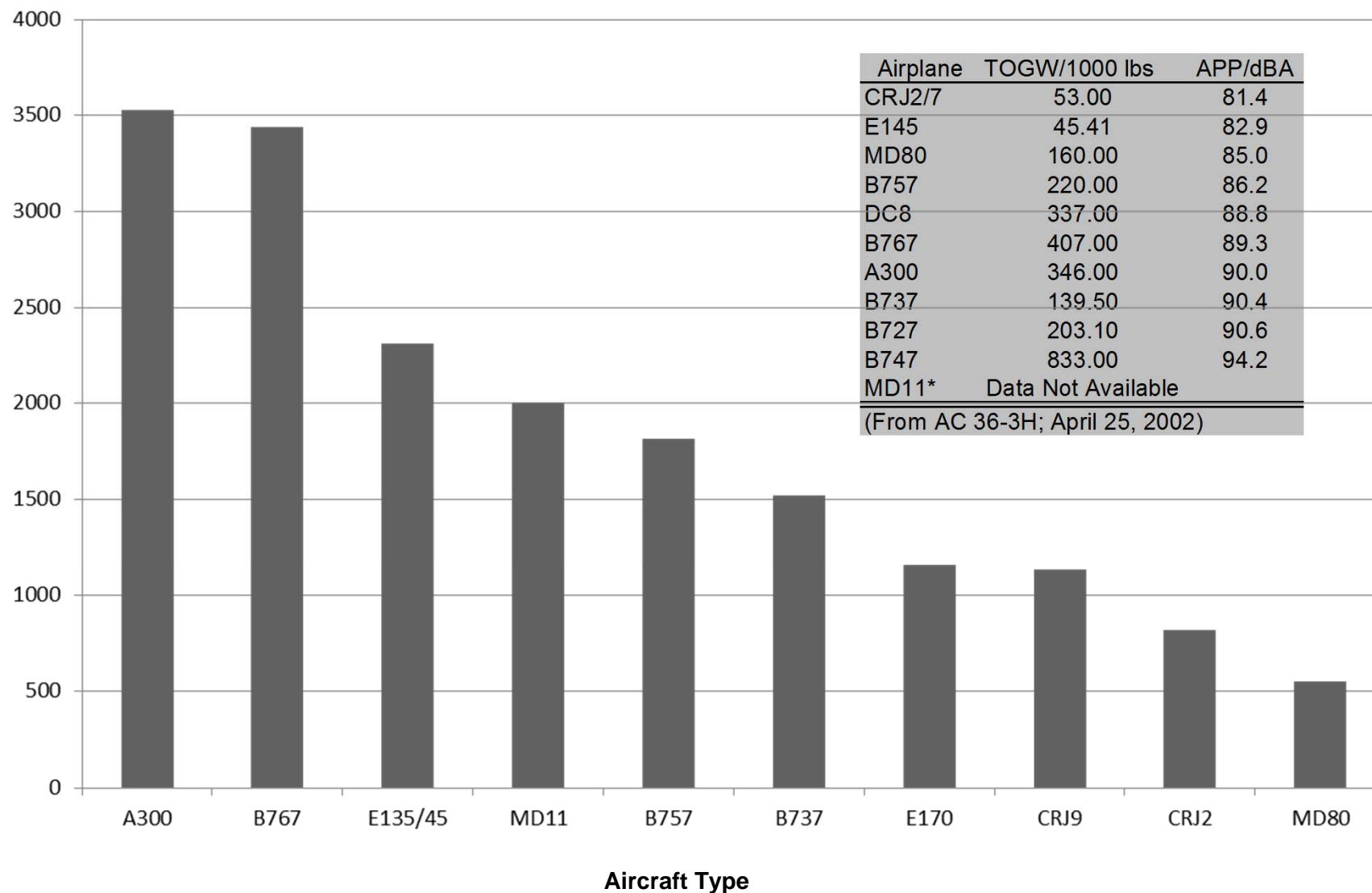
As of April 30, 2015

|                      | ARRIVALS Percent Compliant |     |     |     |            | Departure Percent Compliant |     |     |     |            |
|----------------------|----------------------------|-----|-----|-----|------------|-----------------------------|-----|-----|-----|------------|
| Month                | 17L                        | 17R | 35L | 35R | ARR AVG    | 17L                         | 17R | 35L | 35R | DEP AVG    |
| May-13               | 81%                        | 87% | 78% | 77% | 81%        | 70%                         | 84% | 76% | 92% | 81%        |
| Jun-13               | 73%                        | 84% | 76% | 82% | 79%        | 76%                         | 88% | 74% | 86% | 81%        |
| Jul-13               | 82%                        | 87% | 81% | 82% | 83%        | 81%                         | 84% | 76% | 91% | 83%        |
| Aug-13               | 78%                        | 89% | 79% | 81% | 82%        | 78%                         | 83% | 78% | 92% | 83%        |
| Sep-13               | 78%                        | 88% | 76% | 81% | 81%        | 79%                         | 86% | 77% | 93% | 84%        |
| Oct-13               | 77%                        | 90% | 83% | 79% | 82%        | 75%                         | 90% | 77% | 90% | 83%        |
| Nov-13               | 77%                        | 93% | 80% | 82% | 83%        | 71%                         | 91% | 79% | 92% | 83%        |
| Dec-13               | 82%                        | 94% | 90% | 89% | 89%        | 64%                         | 87% | 71% | 89% | 78%        |
| Jan-14               | 78%                        | 88% | 86% | 84% | 84%        | 67%                         | 91% | 75% | 89% | 81%        |
| Feb-14               | 80%                        | 89% | 86% | 85% | 85%        | 60%                         | 90% | 76% | 89% | 79%        |
| Mar-14               | 74%                        | 90% | 79% | 81% | 81%        | 71%                         | 86% | 78% | 87% | 81%        |
| Apr-14               | 79%                        | 91% | 82% | 81% | 83%        | 68%                         | 81% | 76% | 86% | 78%        |
| May-14               | 75%                        | 88% | 78% | 81% | 81%        | 68%                         | 85% | 59% | 82% | 74%        |
| Jun-14               | 82%                        | 92% | 86% | 82% | 86%        | 71%                         | 89% | 81% | 94% | 84%        |
| Jul-14               | 79%                        | 88% | 78% | 76% | 80%        | 88%                         | 89% | 79% | 92% | 87%        |
| Aug-14               | 84%                        | 91% | 82% | 80% | 84%        | 89%                         | 85% | 76% | 90% | 85%        |
| Sep-14               | 81%                        | 81% | 81% | 79% | 81%        | 91%                         | 88% | 79% | 92% | 88%        |
| Oct-14               | 82%                        | 94% | 88% | 87% | 88%        | 85%                         | 88% | 79% | 92% | 86%        |
| Nov-14               | 80%                        | 91% | 91% | 91% | 88%        | 79%                         | 92% | 83% | 87% | 85%        |
| Dec-14               | 91%                        | 96% | 93% | 95% | 94%        | 85%                         | 89% | 81% | 88% | 86%        |
| Jan-15               | 80%                        | 93% | 90% | 87% | 88%        | 83%                         | 93% | 78% | 88% | 86%        |
| Feb-15               | 80%                        | 91% | 87% | 87% | 86%        | 84%                         | 93% | 81% | 92% | 88%        |
| Mar-15               | 78%                        | 90% | 88% | 84% | 85%        | 83%                         | 88% | 65% | 86% | 81%        |
| Apr-15               | 83%                        | 93% | 80% | 77% | 83%        | 79%                         | 86% | 63% | 82% | 78%        |
| <b>24 Month Avg.</b> |                            |     |     |     | <b>84%</b> |                             |     |     |     | <b>82%</b> |

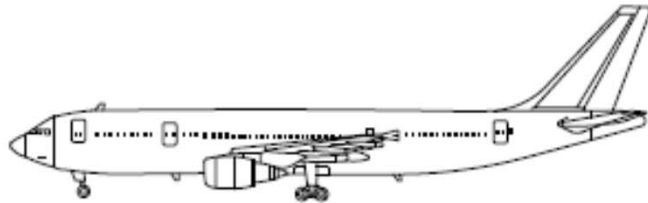
Source: Louisville International Airport  
Aircraft Flight Tracking and Noise Management System (AFTNMS)

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

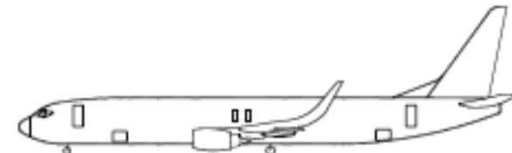
March / April 2015



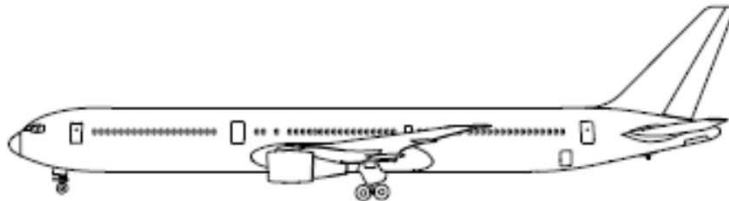
# Sample Aircraft Types (SDF)



**A300**



**B737**



**B767**



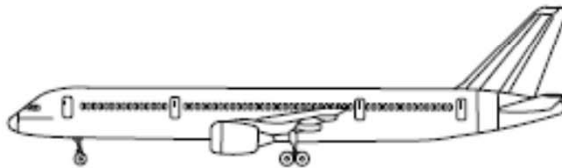
**CRJ2**



**E135/45**



**E170**



**B757**



**MD80**



**MD11**



**CRJ9**



**Federal Aviation  
Administration**

# **Press Release – FAA To Re-Evaluate Method for Measuring Effects of Aircraft Noise**

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## **For Immediate Release**

May 7, 2015

Contact: Laura Brown

Phone: (202) 267-3883; Email: [laura.j.brown@faa.gov](mailto:laura.j.brown@faa.gov)

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**WASHINGTON** – The U.S. Department of Transportation's Federal Aviation Administration (FAA) will soon begin work on the next step in a multi-year effort to update the scientific evidence on the relationship between aircraft noise exposure and its effects on communities around airports.

"The FAA is sensitive to public concerns about aircraft noise. We understand the interest in expediting this research, and we will complete this work as quickly as possible," said FAA Administrator Michael Huerta. "This Administration takes its responsibility to be responsive to communities' concerns over air noise seriously. Our work is intended to give the public an opportunity to provide perspective and viewpoints on a very important issue."

Beginning in the next two to three months, the FAA will contact residents around selected U.S. airports through mail and telephone to survey public perceptions of aviation noise throughout the course of a year. This will be the most comprehensive study using a single noise survey ever undertaken in the United States, polling communities surrounding 20 airports nationwide. To preserve the scientific integrity of the study, the FAA cannot disclose which communities will be polled.

The FAA obtained approval from the Office of Management and Budget last week to conduct the survey and hopes to finish gathering data by the end of 2016. The agency will then analyze the results to determine whether to update its methods for determining exposure to noise.

The framework for this study was developed through the Airports Cooperative Research Program (ACRP), which is operated by the Transportation Research Board of the National Academies of Sciences. This methodology will be used to determine whether to change the FAA's current approach, as well as consideration of compatible land uses and justification for federal expenditures for areas that are not compatible with airport noise.

Aircraft noise is currently measured on a scale that averages all community noise during a 24-hour period, with a ten-fold penalty on noise that occurs during night and early morning hours. The scientific underpinnings for this measurement, known as the Day-Night Average Sound Level (DNL), were the result of social surveys of transportation noise in the 1970s.

In 1981, the FAA established DNL 65 decibels as the guideline at which federal funding is available for soundproofing or other noise mitigation. This method was reaffirmed in studies conducted during the late 1980s and early 1990s.

During the ensuing years, aircraft manufacturers incorporated technologies that resulted in dramatically quieter aircraft. However, residents around many of the largest U.S. airports have expressed concerns about aircraft noise associated with the continuing growth of the aviation industry. The FAA is taking an updated look at its approach for measuring noise as part of an ongoing dialogue with stakeholders, including communities and leaders of a number of cities across the nation.

If changes are warranted, the FAA will propose revised policy and related guidance and regulations, subject to interagency coordination, as well as public review and comment.

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