There were 51 noise complaints received from 12 different callers in 6 different communities for the Year 2014. This is a decrease of 90% from the 508 complaints made in the Year 2013. One caller from the City of Pasadena Park made 16 complaints (31% of all calls), and one caller from the City of St. Louis made 12 calls (26% of all calls).

There were 22 (43% of all complaints) calls made during the night time period of 10:00 p.m. and 7:00 a.m. and 29 (57% of all complaints) calls made during the day time period of 7:00 a.m. to 10:00 p.m. Eighty nine percent of the operations were during the day time hours and 11 percent during the night time period.
The Average Annual DNL values for the years 2012 to 2014 for the eight permanent noise monitors are shown in the chart below. Seven permanent noise monitors had a decrease in DNL levels ranging from -0.5 to -4.2 for the year 2014. One monitor had an increase of .2 from the previous year. An increase/decrease of 3 DNL represents a doubling/halving of the noise energy.

All noise levels shown are measured in DNL (Day-Night Level). DNL represents noise exposure events averaged over a given time period. To account for human sensitivity to noise between the hours of 10 p.m. and 7 a.m., noise events occurring during these hours receive a “penalty” when the DNL is calculated. Each nighttime event is measured as if ten daytime events occurred.
The Permanent Noise Monitoring Locations are: Site 1-11928 Benedetta, City of Bridgeton, Site 3-13212 Ferguson Lane, Bridgeton Athletic Complex, Site 5-Villa Rosa & Auriesville, City of Hazelwood, Site 7-Before & Loganberry, City of Bel-Ridge, Site 8-206 Emerling, City of Cool Valley, Site 11-North Hills & Country Club, Village of Pasadena Park, Site 12-Belwood & Kirkland, City of Normandy, Site 13-North Hills & Brotherton, City of Ferguson.

The runways at Lambert-St. Louis International Airport are: 12R/30L (11,019’x200’), 12L/30R (9,003’x150’), 11/29 (9,001’x150’), and 6/24 (7,607’x150’).
There were 181,856 operations recorded in Year 2014 compared to 188,471 operations in Year 2013, a decrease of 3.5%. The most utilized runway for arrivals was Runway 30R (40,889) with 22.5% of all operations. The most utilized runway for departures was Runway 30L (35,708) with 19.6% of all operations. There were 180,329 operations (99.1%) in which the system identified the runway used and 1,527 operations (0.8%) where the runway was not identified.
Southwest Airlines is the predominant air carrier with 33.0% of all operations, followed by Cape Air (10.0%), and American (6.5%). The remaining top 15 airlines are: Trans States (6.5%), Delta (5.9%), GoJet (5.9%), Republic (3.2%), Express Jet (3.1%), Air Choice One (2.9%), Envoy Air (2.8%), US Airways (2.2%), Frontier Airlines (1.5%), Netjets Aviation (GA Business Jets) (1.4%), Sky West Airlines (0.9%), and Mesa Airlines (0.87%). The Top Ten Airlines represented 79.3% of all operations for the Year 2014. There were 98 different airlines that utilized Lambert-St. Louis International Airport during this period.
There were 181,856 operations recorded in the Year 2014. There are five different Types of Service: Commercial Passenger, Commercial Cargo, General Aviation, Military, and Unknown. The Unknown category are those aircraft where the system did not identify either the airline or aircraft equipment type, or both. The number one category was Commercial Passengers with 162,849 (89.5%) of all operations. General Aviation with 14,201 (7.8%) was the second largest category of operations. The remaining 4,806 operations were Commercial Cargo (1.8%), Military (0.1%), and the Unknown category (0.07%).
There were 181,856 operations recorded in the Year 2014. This chart is a further breakdown of the categories on Page 6. As indicated, Commercial Passenger Narrow Body Aircraft represented 51% of the total operations. Commercial Passenger Regional Jets represented 26% of the total 2014 operations. Commercial Passenger Propeller (13%), General Aviation Business Jets (6%), and General Aviation Propeller (2%) rounded out the top five categories of 2014 operations. The chart below is color coded for each category.
There were 181,856 operations recorded in Year 2014. The most utilized aircraft during this period was the Boeing 737-700 series with 41,039 operations representing 22.6% of the fleet. Next was the Cessna 402 Utiliner operated primarily by Cape Air with 18,706 operations and 10.3% of the Year 2014 operations. Third was the Embraer 145 with 17,092 operations or 9.4% of all operations. There were 245 different types of aircraft that utilized Lambert-St. Louis International Airport during this period.
There were 181,856 operations recorded in the Year 2014 as compared to 188,471 operations in the Year 2013, a decrease of 3.5%. The chart below shows the total percentages of use for all runways for this period. The most utilized runway for departures was Runway 30L (19.8%). The most utilized runway for arrivals was Runway 30R (22.7%). The crosswind runway 6-24 was the least used runway for this period. The Distribution of Traffic (Eastbound vs. Westbound) for the Year 2014 was 43% eastbound and 57% westbound departures.

DISTRIBUTION OF TRAFFIC

Annual 2014

180,329 Operations
With runway identified
181,856 Total Operations
for the period.

There were 1,527 operations without known runway

Air Traffic was down 3.5% from Year 2013

Distribution of Traffic Year 2014
Percentage Based On
All Operations - All Runways
Lambert-St. Louis International Airport
Shown on the exhibit below are arrival, departure and over flights at all airports within the St. Louis metropolitan area for June 18, 2014. The Airport Noise Management System identified this day as the busiest day for 2014 at Lambert Airport. On that day, there were 607 operations either arrived or departed from Lambert Airport. Arrival tracks are shown in blue and departure tracks are shown in red. Overflights are shown as green tracks.