



ST. LOUIS LAMBERT
INTERNATIONAL AIRPORT.

NOISE AND AIRLINE TRAFFIC REPORT 2nd Quarter 2021



STL Airport Noise and Airline Traffic Report

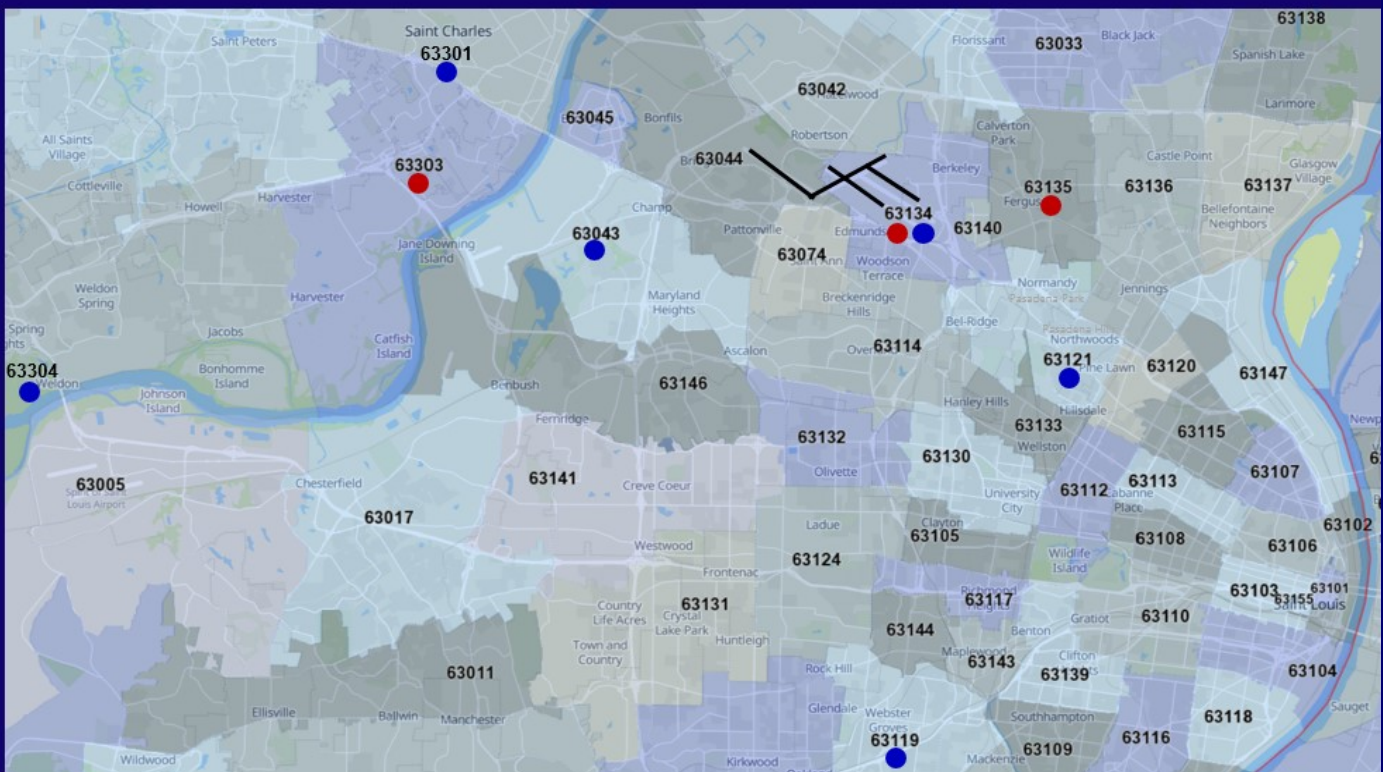
2nd Quarter 2021

The Airport Noise and Airline Traffic Report provides the 2nd Quarter 2021 summary of St. Louis Lambert International Airport's operations and noise complaints. The data in this report is from L3Harris, Inc. and not from FAA Air Traffic. This report is illustrative of trends and distribution and should not be construed as official traffic counts.

2ND QUARTER 2021

NOISE COMPLAINTS

There were six noise complaints received in the 2nd Quarter of 2021 compared to the 11 noise complaints in the 2nd Quarter of 2020. The noise complaints were from six communities. Residents complained about loud, low, and frequent aircraft, over their homes and subdivisions where they stated there were not aircraft before. Two residents to the west of the Airport in St. Charles, complained about early morning cargo arrivals. Four complaints were about operations that occurred during day time hours (7 a.m. to 10 p.m.) and two complaints were about operations that occurred during night time hours (10 pm to 7 am). Landings and take-offs (operations) during the day time hours accounted for 87.0 percent of the operations while 13.0 percent of the operations occurred during the night time period. The chart below which is a composite of all noise complaints for 2021 thus far, shows number of complaints by zip code. Not all complainant zip codes are shown on the map below because some complainants did not state where they were calling from or the their location is outside of the map boundaries below.



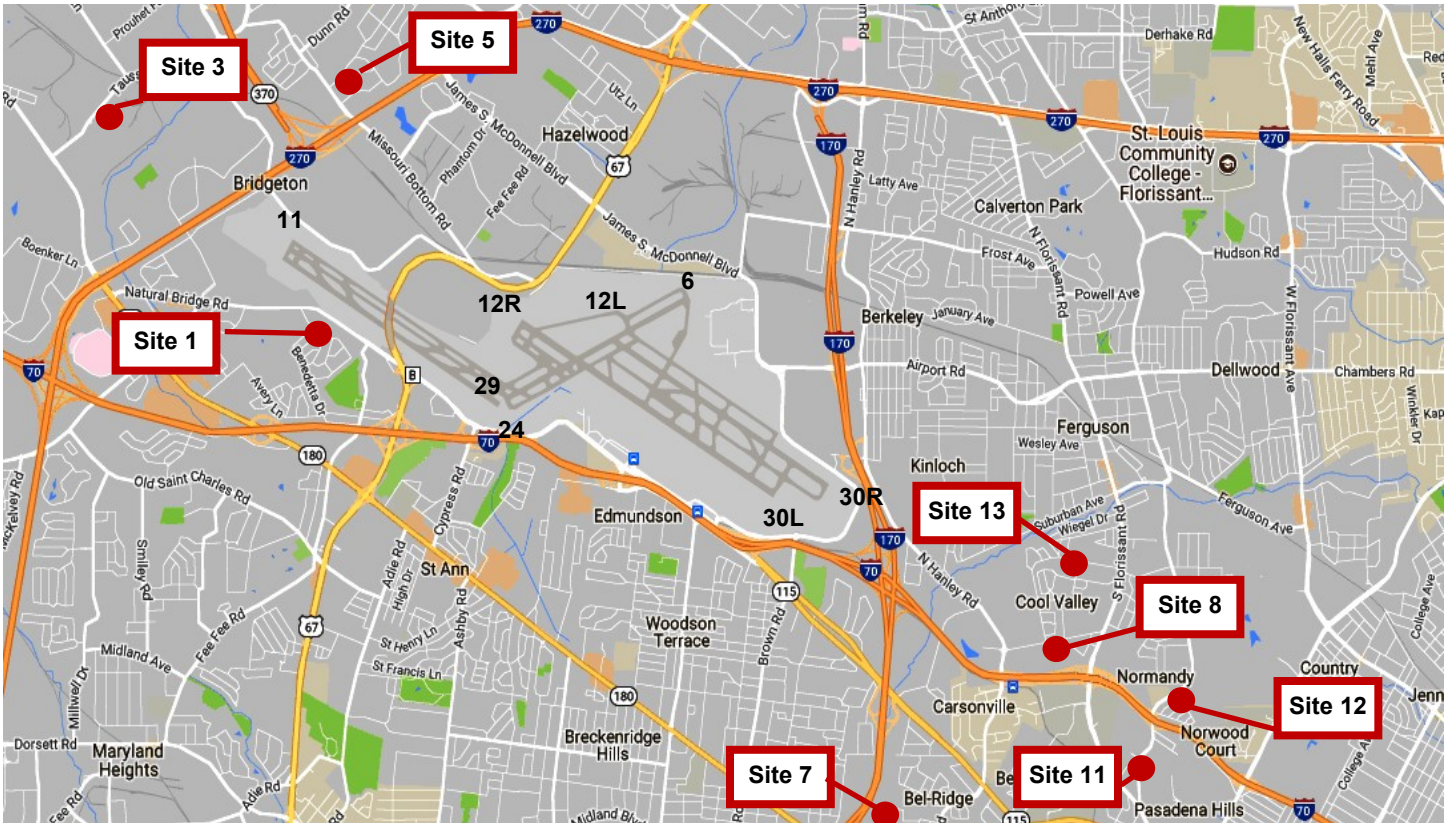
Qtr.	Zip	Calls	Zip	Calls	Zip	Calls	Zip	Calls	Zip	Calls	Zip	Calls	Zip	Calls	Zip	Calls	Zip	Calls	Zip	Calls
1st	63134	2	63135	1	63303	1	UKN	1	-	-	-	-	-	-	-	-	-	-	-	-
2nd	63043	1	63119	1	63121	1	63134	1	63301	1	63304	1	-	-	-	-	-	-	-	-
3rd	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4th	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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RUNWAY IDENTIFICATION

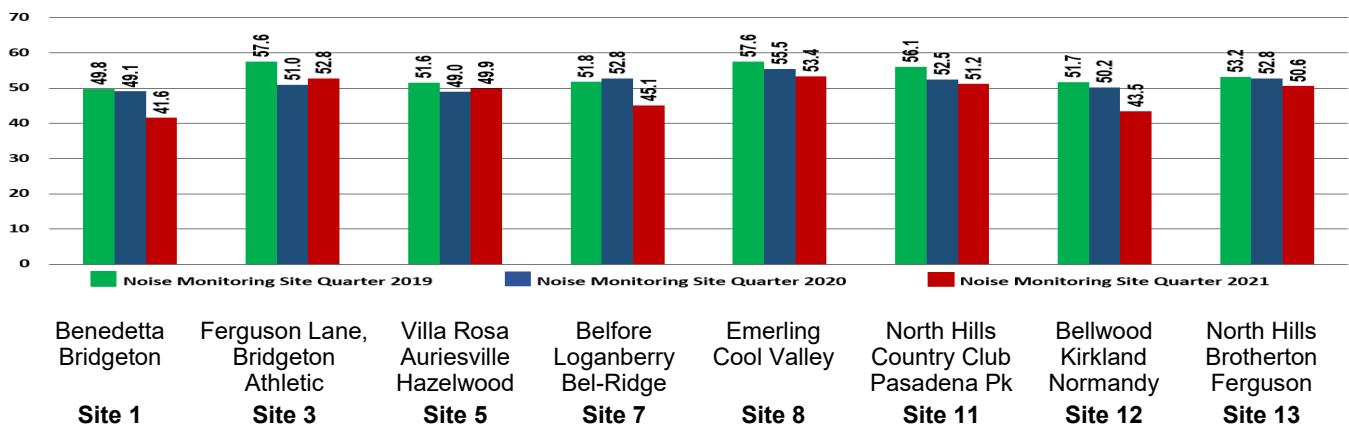
The runways at St. Louis Lambert International Airport are: 12R/30L (11,019'x200'), 12L/30R (9,003'x150'), 11/29 (9,001'x150'), and 6/24 (7,607'x150').

PERMANENT NOISE MONITORING SITES



The DNL (Day-Night average sound level) metric describes the total noise exposure during a given period. In computing DNL, an extra weighting of 10dB is assigned to airplane events occurring between the hours of 10 pm to 7 am. The FAA has established 65 DNL as the threshold above which aircraft noise is considered to be incompatible with residential use. The eight noise monitoring sites are recording levels lower than 65 DNL.

Noise Monitoring Data
2nd Quarter 2021 Average DNL (Day/Night/Level)
Years 2019-2021



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OPERATIONS BY RUNWAY

There were 32,286 operations in the 2nd Quarter of 2021 compared to 20,343 operations in the 2nd Quarter of 2020, an increase of 58.7 percent according to L3Harris data*. Runway 30R was the most used runway for arrivals at 22.2 percent (7,156) followed by Runway 12R at 15.5 percent (5,018). The most used runways for departures were Runway 12L at 21.5 percent (6,938) followed by Runway 30L at 18.4 percent (5,933). In the 2nd Quarter 2021, there were 32,052 (99.3 percent) operations in which the runway was identified and 234 operations (0.7 percent) where the runways were not identified.

*The L3Harris Airport Noise and Operation Management System (ANOMS) collects FAA air traffic data from the National Airspace System (NAS) and permanent noise monitoring data and correlates flight tracks, noise monitoring events and noise complaints. The ANOMS provides illustrative trends and should not be construed as official traffic counts.



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OPERATIONS BY AIRLINE

The top 20 airlines operating at STL in the 2nd Quarter 2021 include commercial passenger carriers, regional carriers, and general aviation business jet aircraft. These top 20 airlines accounted for 90.5 percent of all operations. Shown in the chart below are the top 12 Part 121 commercial passenger airlines, three Part 135 airlines (Cape Air, Air Choice One and Contour Airlines), two general aviation business charter jets (Jetall Holdings and Netjets Aviation), and three cargo airlines (UPS, Mesa/DHL and FedEx) for the 2nd Quarter 2021. One carrier, Mesa Airlines, serves as a United Airlines connection and also contracts with DHL as a cargo provider. Its combined regional carrier operations and cargo operations ranks it #13 in the 2nd Quarter 2021 in STL operations. The 2nd Quarter 2021 group includes eight regional commercial passenger jet airlines. Regional carriers accounted for 15.4 percent of the operations in 2nd Quarter 2021. Southwest, Spirit, and Frontier are the only major airlines that are not partnered with the regional airlines at St. Louis Lambert International Airport.

There were 62 Part 121 and Part 135 airlines that utilized the Airport during this period. Part 121 airlines are commercial aircraft with more than 30 seats and Part 135 airlines are operate aircraft with less than 30 seats.

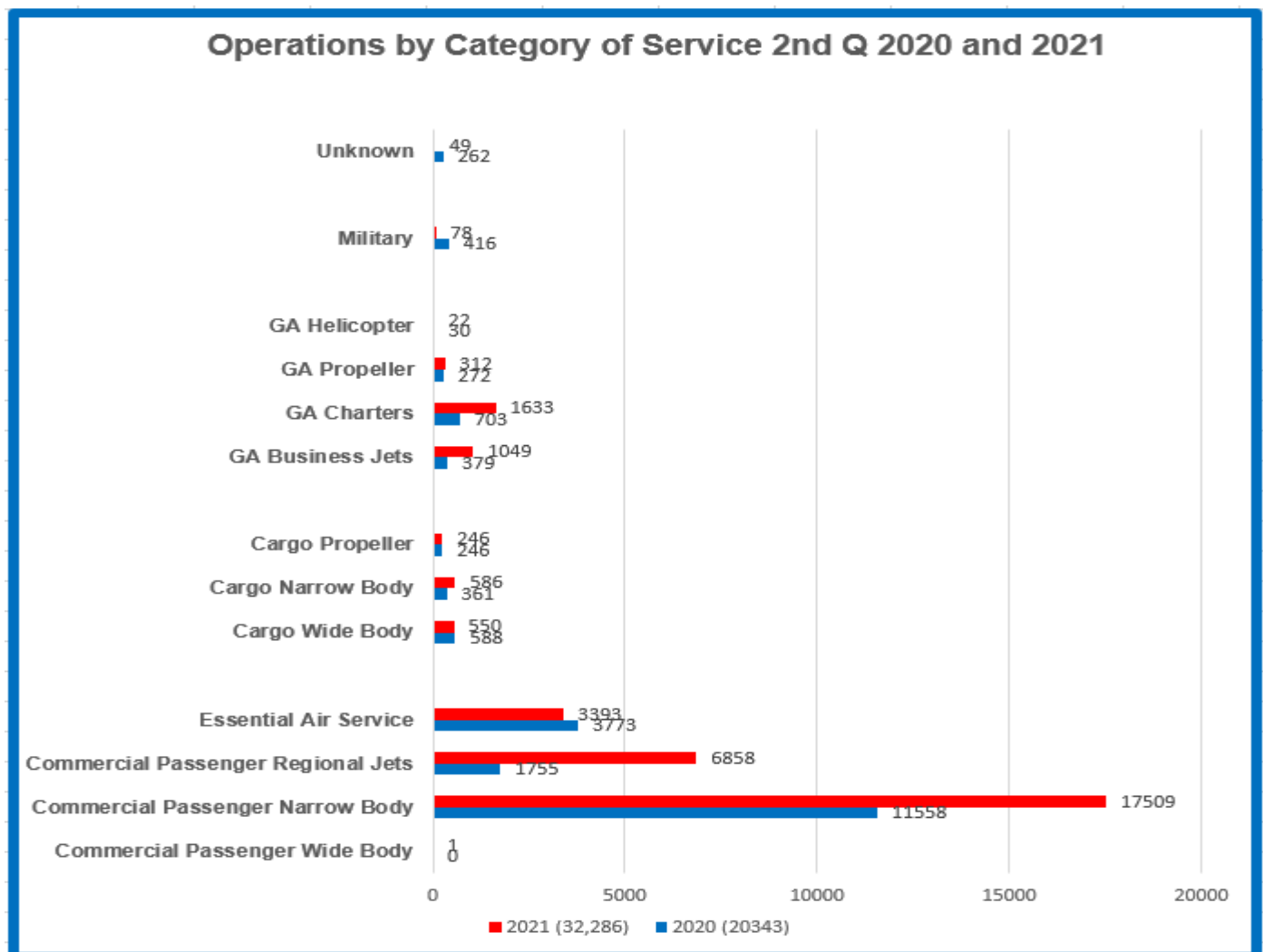


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OPERATIONS BY CATEGORY OF SERVICE

Looking at the 2nd Quarter of 2021 there was a significant increase in operations from 2nd Quarter 2020. Total operations in the 2nd Quarter of 2021 as reported in the L3Harris data* were up 58.7 percent from 2nd Quarter 2020. Essential Air Service (EAS) declined 10.1 percent in the 2nd Quarter 2021 from the same period in 2020. Boutique Airlines, a new EAS to STL joined Cape Air, Contour, and Air Choice One providing air service to small airports. Commercial narrow body operations were up 51.5 percent with a new addition, Spirit Airlines, providing commercial passenger service. There was an increase of 132.3 percent in charter operations reported by L3Harris from 2nd Quarter 2020. Commercial cargo, used to move goods to warehouses for distribution, increased by 15.6 percent from 2nd Quarter 2020. The Federal Aviation Administration has significantly filtered military operations. The Airport is working with L3Harris and other Airports across the country to obtain the military information.

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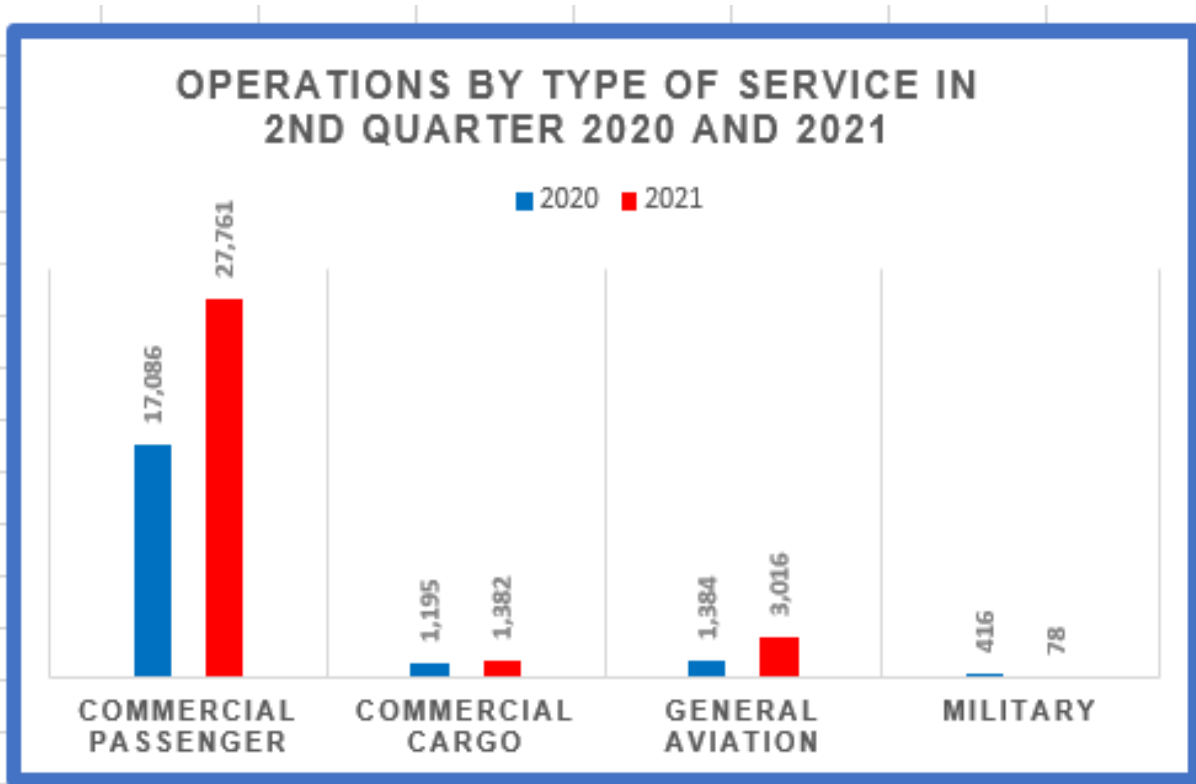


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OPERATIONS BY TYPE OF SERVICE

Commercial Passenger, Commercial Cargo, General Aviation, and Military are the four categories of operations. The L3Harris data* also includes unknown operations category for aircraft that were not identified by either the airline or aircraft equipment type, or both. Commercial passenger operations comprised 86.1 percent of the total operations in 2nd Quarter 2021 as compared to 85.1 percent of the operations in the 2nd Quarter 2020. L3Harris data reported operations for the general aviation category, which includes business jets, propeller, and helicopter operations at 9.2 percent as compared to 6.4 percent in 2020. In the 2nd Quarter 2021, commercial cargo operations were 9.4 percent of all operations compared to 6.9 percent in 2020. Military operations are being filtered by the FAA and L3 Harris is working with the FAA to resolve the issue.

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OPERATIONS BY AIRCRAFT

Shown below are top fifteen aircraft operating at St. Louis Lambert International Airport in the 2nd Quarter 2021. In 2nd Quarter 2021, the Boeing 737-700 (7,573 operations) and the Boeing 737-800 (5,287 operations) were the most utilized aircraft operating at STL. Moving into the top 15 aircraft in 2nd Quarter 2021 were four aircraft: the Boeing 737-900, Airbus 321, the Embraer 75S flown by several regional carriers, and the Boeing 737-800M which made a re-entry into STL market after being grounded for over two years. The Boeing 737-800M aircraft is flown by Southwest and American Airlines. Five of the top fifteen aircraft at the Airport are operated by regional carriers. There were 140 known aircraft types that landed at St. Louis Lambert International Airport during this period according to Harris data*.

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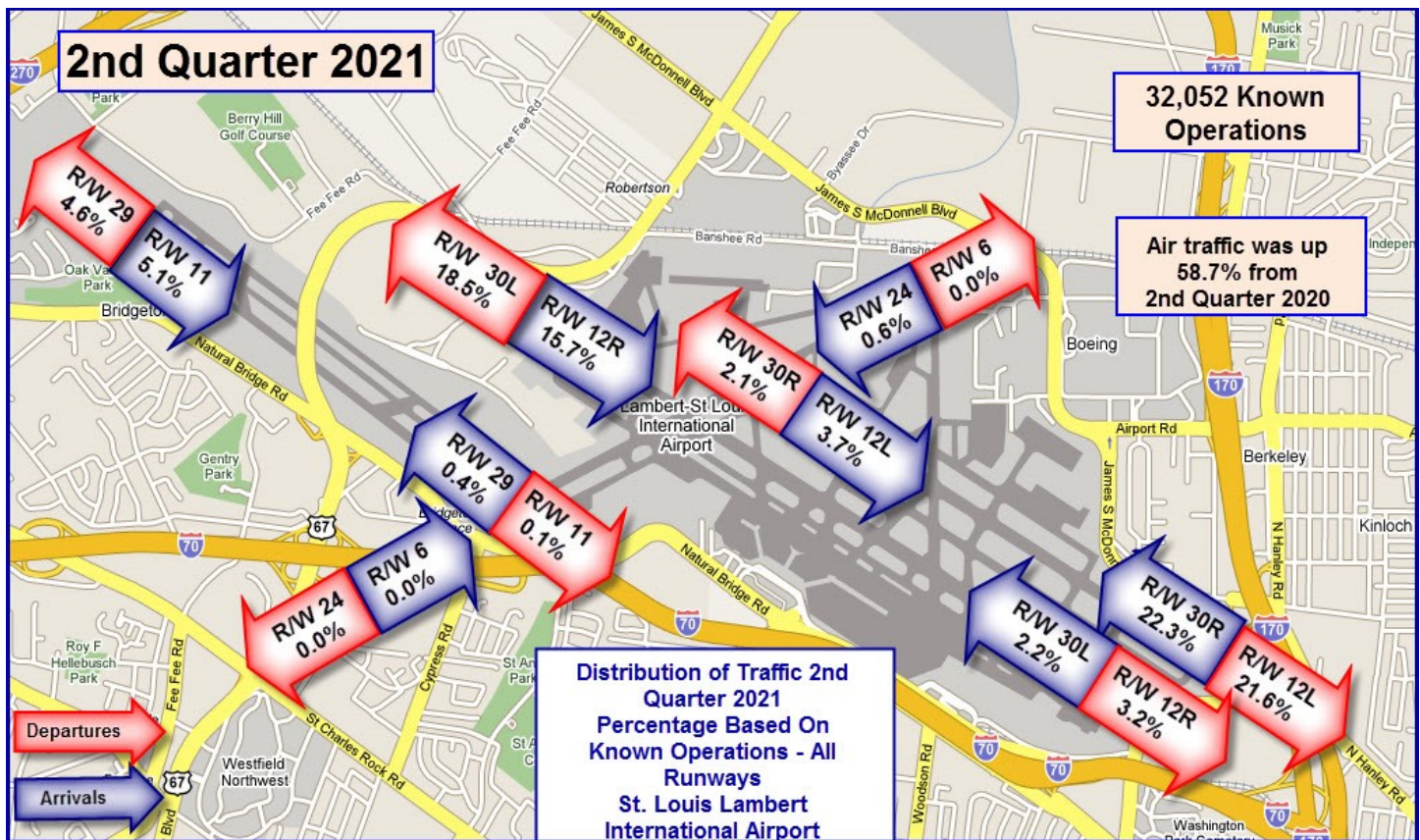


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DISTRIBUTION OF TRAFFIC

There were 32,286 operations recorded in the 2nd Quarter of 2021 compared to 20,343 operations in 2nd Quarter 2020, an increase of 58.7 percent. The chart below shows the total percentages of use for known runways for this period. The most utilized runway for departures was Runway 12L (21.6 percent). The most utilized runway for arrivals was Runway 30R (22.3 percent). The crosswind runway 6-24 was the least used runway for this period. The Distribution of Traffic (Eastbound vs. Westbound) for the 2nd Quarter of 2021 was 49.7 percent eastbound and 50.3 percent westbound operations.

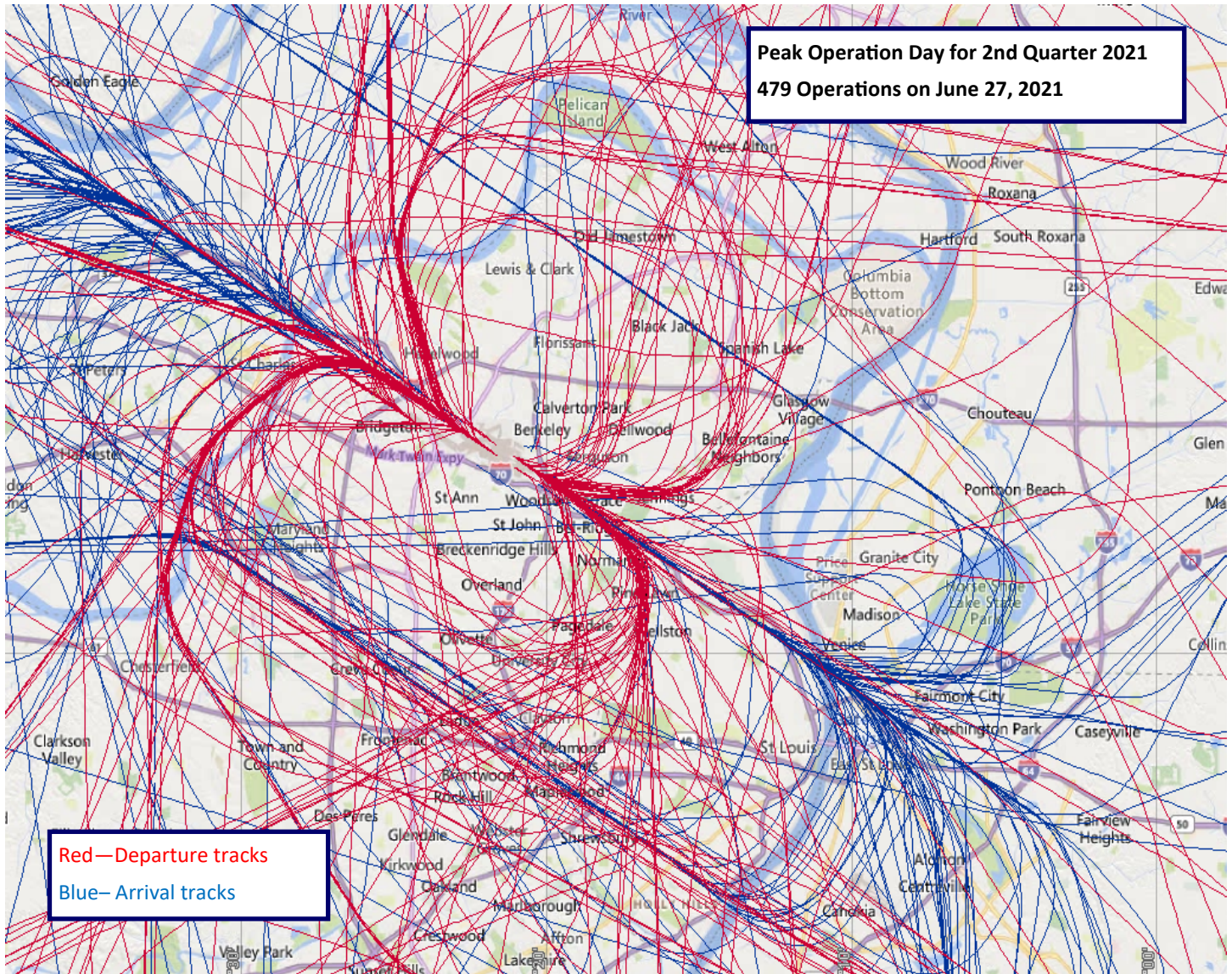
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Peak Day Operation



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