

LOUISIANA AIRPORTS ECONOMIC IMPACT STUDY UPDATE

Prepared for:



Prepared by:



8845 Governor's Hill Drive, Suite 430
Cincinnati, OH 45249

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Section 1

Introduction

Aviation transforms the way people and goods move around the world, uniting distant markets and enhancing the global economy. Countries with complex air transportation networks reap the benefits of aviation by connecting otherwise inaccessible markets. The same is true in the United States at the regional and state level—airports and their linkages help businesses function more capably by allowing people and goods to easily and more rapidly travel great distances. This enhances the quality of life for residents, both directly and indirectly.

Throughout Louisiana, airports provide services that support and stimulate economic activity. The Aviation Division of the Louisiana Department of Transportation and Development (DOTD) conducted this study to measure the value airports and aviation-related activities provide Louisiana. The *Louisiana Airports Economic Impact Study* illustrates the extent to which Louisiana benefits from its system of airports and how airports act as economic engines for their communities. This study is an update of the *June 2015 Louisiana Airports Economic Impact Study*.

Airports are an essential element of the Louisiana economy. They help to attract and retain businesses and allow companies to move people and goods in a timely manner. For example, air taxi and charter companies operating along Louisiana's Gulf Coast are essential to the efficient operations of the oil industry in the Gulf of Mexico. The state's airports also promote and enhance the tourism industry, with Louis Armstrong New Orleans International Airport helping millions of annual visitors reach the culture and offerings of New Orleans and the Mississippi Delta region. Other airports around the state make it possible for visitors to experience many of the state's parks and historic sites. During these trips, visitors spend money locally on food, lodging, and other items in mutually beneficial transactions. Residents of Louisiana use airports for travel, connecting them to family and friends and tourist destinations through the convenience of modern air travel. Furthermore, keeping Louisiana's airports operating efficiently and safely requires regular maintenance and improvements through capital investments, which in turn boost local and regional economies through the creation of engineering and construction jobs.

Beyond business and tourism, aviation brings other benefits to Louisiana's residents. Airports facilitate the movement of patients to and from medical centers, while search and rescue flights are flown from the state's airports. Military aircraft use Louisiana's airports for training, while some airports are also used to service agricultural spraying flights. Even if they never use an airport directly, citizens benefit from an improved quality of life provided by air transportation. Through simple things such as package delivery and the ability to visit family and friends, aviation in Louisiana helps promote safer, healthier, and more productive lives.

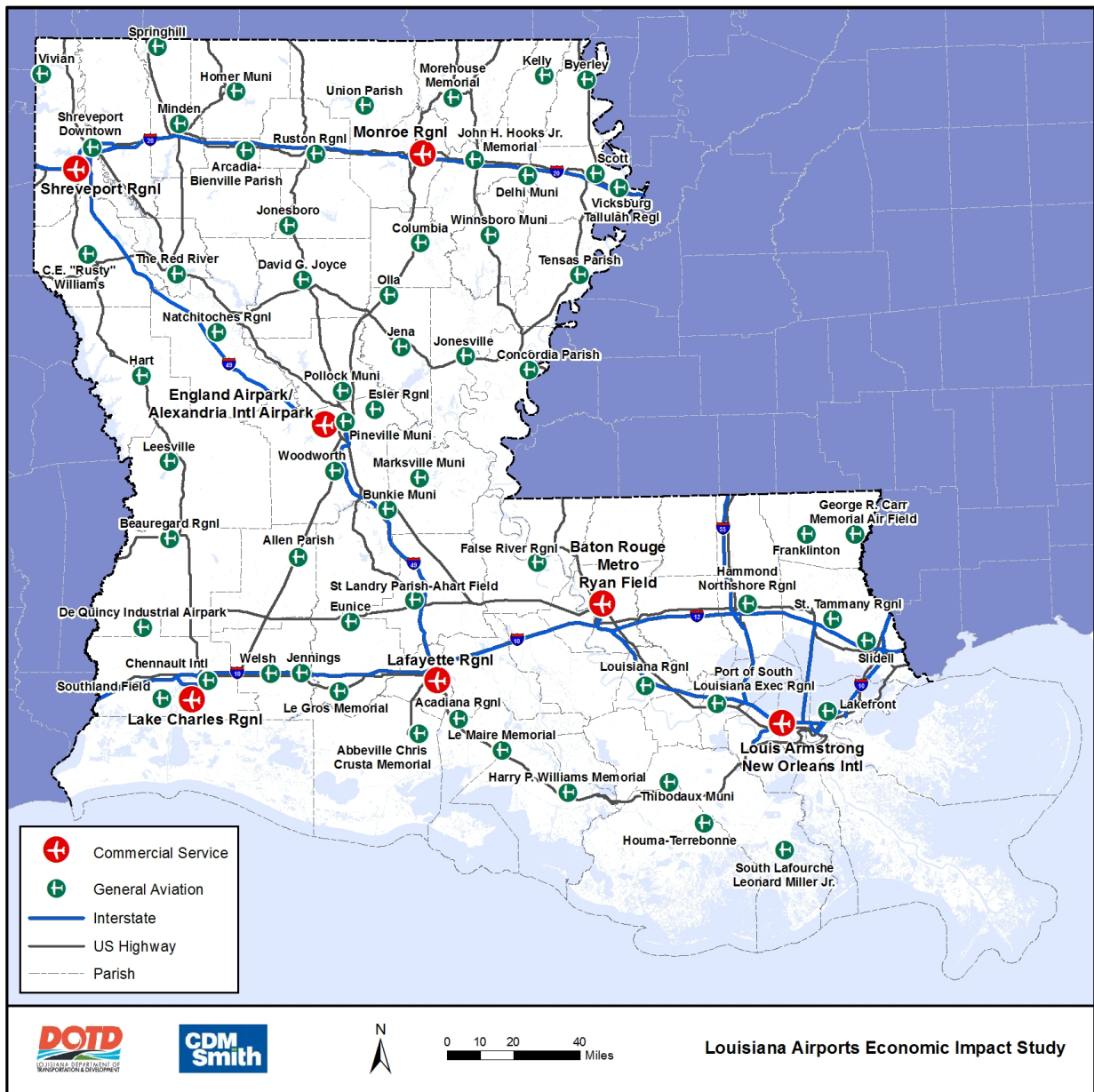
This study identifies the economic benefits, quantified in terms of employment, payroll, and economic output, associated with the seven commercial service and 61 general aviation airports that serve communities throughout Louisiana.

Section 2

Study Summary

Airports in Louisiana support the air travel needs of Louisiana residents, businesses, and visitors. The state is fortunate to have 68 public-use airports that support this function and act as economic engines for local and regional economies. **Figure 2-1** depicts the location and general classification of each of these airports.

Figure 2-1: Louisiana Airports Included in Economic Impact Analysis Update



Source: CDM Smith.

By quantifying employment, payroll, and total economic activity, this study highlights the economic contributions Louisiana realizes from its system of public airports. The analysis considers the annual economic benefits accrued in 2018 associated with on-airport business activity, on-airport capital improvements, and visitors arriving via commercial airlines and general aviation aircraft. The results of this analysis are reported for the state as a whole in this document, along with the results of individual airports, which can be found in Appendix A.

The Louisiana system of airports analyzed in this study consists of seven commercial service airports and 61 general aviation airports. The Louisiana DOTD Aviation Division oversees these airports as part of the following mission:

“...to continue to improve our aviation infrastructure to insure a safe, modern and well managed system of airports which provides convenient and efficient access to the state for tourism, commerce, industrial interest, recreation and economic development and continually modernize the state's public airports to meet the changing needs of the aviation community.”

The Aviation Division pursued this economic impact study to quantify the economic impacts of the aviation system that it oversees and to show how the economic impacts have increased since the previous study.

This study found that Louisiana’s 68 public-use airports had a substantial economic impact on the state in 2018. In brief, the 68 airports:

- Supported approximately 84,400 jobs, a 43 percent increase from 58,900 jobs in 2011.
- Generated \$2.6 billion in annual payroll, a 49 percent increase from the \$1.8 billion in payroll generated in 2011.
- Produced \$9.3 billion in annual economic output, a 38 increase from the \$6.7 billion in economic output in 2011.

These numbers include expenditures by hundreds of on-airport businesses and millions of visitors, as well as the multiplier effect associated with this spending. In addition, Louisiana residents depend on aviation to support their health, welfare, and safety needs.

Table 2-1 lists the total employment, payroll, and output for the 68 Louisiana study airports. These economic benefits reflect the diverse range of impacts of airport-related activity, from the aviation maintenance services provided by Land Locked Aviation at Chennault International Airport, where approximately 150 workers are employed, to niche companies such as Skydive Louisiana at Vivian Airport. More detailed tables that break down the information summarized in Table 2-1 can be found in Appendix A at the end of this report.

Table 2-1: Total Economic Impacts for Louisiana Airport

| Associated City | Airport Name | Total Employment | Total Payroll | Total Output |
|--|--|------------------|------------------------|------------------------|
| Commercial Service Airports | | | | |
| Alexandria | England Airpark/Alexandria International Airpark | 2,322 | \$90,548,000 | \$276,777,000 |
| Baton Rouge | Baton Rouge Metropolitan, Ryan Field | 3,022 | \$115,494,000 | \$356,510,000 |
| Lafayette | Lafayette Regional | 3,514 | \$166,882,000 | \$814,226,000 |
| Lake Charles | Lake Charles Regional | 1,983 | \$72,854,000 | \$311,191,000 |
| Monroe | Monroe Regional | 693 | \$26,114,000 | \$83,308,000 |
| New Orleans | Louis Armstrong New Orleans International | 59,226 | \$1,648,513,000 | \$5,974,596,000 |
| Shreveport | Shreveport Regional | 2,250 | \$81,395,000 | \$247,929,000 |
| Commercial Service Airports Total | | 73,010 | \$2,201,800,000 | \$8,064,537,000 |
| General Aviation Airports | | | | |
| Abbeville | Abbeville Chris Crusta Memorial | 147 | \$3,891,000 | \$11,023,000 |
| Alexandria | Esler Regional | 354 | \$14,900,000 | \$17,068,000 |
| Arcadia | Arcadia-Bienville Parish | 6 | \$133,000 | \$322,000 |
| Bastrop | Morehouse Memorial | 33 | \$960,000 | \$3,229,000 |
| Bogalusa | George R. Carr Memorial Air Field | 49 | \$1,379,000 | \$5,118,000 |
| Bunkie | Bunkie Municipal | 18 | \$83,000 | \$226,000 |
| Columbia | Columbia | 9 | \$206,000 | \$520,000 |
| Coushatta | The Red River | 14 | \$552,000 | \$1,863,000 |
| Covington | St. Tammany Regional | 39 | \$931,000 | \$3,029,000 |
| Crowley | Le Gros Memorial | 64 | \$2,183,000 | \$7,282,000 |
| De Quincy | De Quincy Industrial Airpark | 17 | \$468,000 | \$1,756,000 |
| De Ridder | Beauregard Regional | 27 | \$749,000 | \$2,031,000 |
| Delhi | Delhi Municipal | 7 | \$158,000 | \$390,000 |
| Eunice | Eunice | 25 | \$820,000 | \$2,725,000 |
| Farmerville | Union Parish | 14 | \$269,000 | \$921,000 |
| Franklinton | Franklinton | 13 | \$291,000 | \$754,000 |
| Galliano | South Lafourche Leonard Miller Jr. | 529 | \$18,007,000 | \$97,628,000 |
| Gonzales | Louisiana Regional | 189 | \$5,459,000 | \$15,809,000 |
| Hammond | Hammond Northshore Regional | 1,798 | \$73,393,000 | \$132,834,000 |
| Homer | Homer Municipal | 8 | \$211,000 | \$735,000 |
| Houma | Houma-Terrebonne | 740 | \$32,006,000 | \$170,259,000 |
| Jeanerette | Le Maire Memorial | 20 | \$567,000 | \$2,115,000 |
| Jena | Jena | 14 | \$335,000 | \$968,000 |
| Jennings | Jennings | 159 | \$4,027,000 | \$14,094,000 |
| Jonesboro | Jonesboro | 10 | \$228,000 | \$681,000 |
| Jonesville | Jonesville | 92 | \$2,583,000 | \$7,215,000 |
| Lake Charles | Chennault International | 3,136 | \$119,507,000 | \$379,947,000 |
| Lake Providence | Byerley | 14 | \$409,000 | \$2,442,000 |
| Leesville | Leesville | 17 | \$488,000 | \$1,638,000 |
| Mansfield | C.E. "Rusty" Williams | 24 | \$487,000 | \$1,778,000 |

| Associated City | Airport Name | Total Employment | Total Payroll | Total Output |
|--|--|------------------|------------------------|------------------------|
| Many | Hart | 9 | \$232,000 | \$643,000 |
| Marksville | Marksville Municipal | 8 | \$172,000 | \$527,000 |
| Minden | Minden | 35 | \$1,349,000 | \$4,396,000 |
| Natchitoches | Natchitoches Regional | 92 | \$3,556,000 | \$14,972,000 |
| New Iberia | Acadiana Regional | 1,114 | \$33,688,000 | \$76,195,000 |
| New Orleans | Lakefront | 596 | \$26,071,000 | \$69,360,000 |
| New Roads | False River Regional | 202 | \$7,503,000 | \$24,057,000 |
| Oak Grove | Kelly | 21 | \$448,000 | \$1,497,000 |
| Oakdale | Allen Parish | 56 | \$1,803,000 | \$8,505,000 |
| Olla | Olla | 16 | \$506,000 | \$1,655,000 |
| Opelousas | St. Landry Parish-Ahart Field | 44 | \$1,262,000 | \$4,163,000 |
| Patterson | Harry P. Williams Memorial | 336 | \$9,732,000 | \$40,877,000 |
| Pineville | Pineville Municipal | 40 | \$852,000 | \$2,575,000 |
| Pollock | Pollock Municipal | 2 | \$9,000 | \$36,000 |
| Rayville | John H. Hooks Jr. Memorial | 18 | \$513,000 | \$1,530,000 |
| Reserve | Port of South Louisiana Executive Regional | 30 | \$923,000 | \$3,137,000 |
| Ruston | Ruston Regional | 148 | \$4,791,000 | \$17,809,000 |
| Shreveport | Shreveport Downtown | 304 | \$9,037,000 | \$26,805,000 |
| Slidell | Slidell | 383 | \$13,361,000 | \$36,168,000 |
| Springhill | Springhill | 6 | \$144,000 | \$519,000 |
| St. Joseph | Tensas Parish | 7 | \$151,000 | \$446,000 |
| Sulphur | Southland Field | 111 | \$3,803,000 | \$13,132,000 |
| Tallulah | Scott | 17 | \$408,000 | \$947,000 |
| Tallulah/Vicksburg, MS | Vicksburg Tallulah Regional | 61 | \$1,691,000 | \$5,068,000 |
| Thibodaux | Thibodaux Municipal | 12 | \$213,000 | \$450,000 |
| Vidalia | Concordia Parish | 23 | \$565,000 | \$2,335,000 |
| Vivian | Vivian | 27 | \$729,000 | \$2,527,000 |
| Welsh | Welsh | 26 | \$473,000 | \$1,490,000 |
| Winnfield | David G. Joyce | 4 | \$99,000 | \$334,000 |
| Winnsboro | Winnsboro Municipal | 27 | \$824,000 | \$2,504,000 |
| Woodworth | Woodworth | 23 | \$681,000 | \$2,174,000 |
| General Aviation Airports Total | | 11,384 | \$411,269,000 | \$1,253,233,000 |
| All Airports Total | | 84,394 | \$2,613,069,000 | \$9,317,770,000 |

Source: CDM Smith and IMPLAN.

Section 3

Study Approach

The economic impact of Louisiana's public-use airports is measured using a process that has been used in numerous other economic impact studies and is well regarded by the FAA. The structured and measured approach taken to enumerate all aviation-related activities found at Louisiana's airports is explained in the following sections.

3.1 The IMPLAN Model and Types, Measures, and Categories of Economic Impact

The economic impacts of Louisiana's airports are reported as three **measures** of economic impact broken down into several **categories** of economic impacts and expressed as three **types** of economic impacts. The following sections provide an overview of these terms and their place in the economic impact methodology.

3.1.1 Measures of Economic Impact

The economic input-output model requires direct impact estimates for the following three separate measures of the economy:

- **Employment** – Employment is based on the total of full-time jobs plus part-time jobs. In this analysis, two part-time positions are assumed to be the equivalent of a single full-time position.
- **Payroll** – Payroll represents the annual salary, wages, and benefits paid to all employees.
- **Output** – Output for on-airport activities is typically assumed to be the sum of annual gross sales. While this assumption works well for profit-oriented tenants, it must be modified for organizations that do not generate sales, such as government tenants or corporate flight departments. In order to estimate the impact of these important tenant-related activities, output is assumed to be the sum of payroll and operating expenditures. While airlines do generate sales, ticket revenue is usually transferred outside the area being modeled. This makes it difficult to assign that revenue to specific airports, so airlines are treated in a manner similar to organizations that do not generate sales. Output related to capital improvement projects is equal to the expenditures on those projects. For visitors using an airport, output is assumed to equal visitor spending.

It is important to note that payroll and output cannot be combined because elements of economic benefit related to payroll are also contained, to some extent, in the output estimate. Each of the three impact components (employment, payroll, and output) stands alone as a measure of an airport's total economic impact.

3.1.2 Economic Impact Categories

Several data collection efforts were undertaken to gather information related to economic activity occurring at the Louisiana airports considered in this analysis. These data were inputs to the

modeling process. The following groups were part of the data gathering effort to estimate direct impacts:

- **On-Airport** – This group includes airport tenants that are businesses with employees, such as airlines, FBOs, flight schools, concessionaires, and airport restaurants. Also included in this group are governmental agencies such as public airport sponsors, air traffic controllers, other Federal Aviation Administration (FAA) units, and various other state and federal agencies.
- **Construction Impacts** – Each year, airports undertake capital improvement projects (CIP) such as runway rehabilitation or terminal improvements. In addition, businesses and other agencies undertake capital improvement projects. These projects employ people in jobs such as construction, architecture, engineering, and consulting.
- **Commercial Service Visitors** – This group consists of estimated visiting passengers (those deemed to not be Louisiana residents) arriving via commercial airlines. Average visitor spending for this group was estimated from various studies of Louisiana tourism and comparison to average spending of commercial service visitors found in other economic impact studies.
- **General Aviation Visitors** – Impacts from general aviation visitors are produced by non-local passengers arriving via private or business aircraft. General aviation visitors make up the portion of each airport’s general aviation operations that leave the airport’s local airspace, termed itinerant operations. Some itinerant operations at an airport are conducted by residents of the airport’s market area who fly their planes to distant locations and subsequently return to their home airport. The remaining itinerant operations are attributed to visitors. Itinerant operations performed by visitors are called true transient operations. Impacts for this group were estimated using the FAA’s most recent operational counts from 2018 and spending averages derived from pilot and passenger surveys conducted during the previous study, which were inflated to 2018 dollars. IMPLAN multipliers specific to Louisiana were then applied to direct impacts to estimate subsequent multiplier economic impacts.

3.1.3 Types of Economic Impact

All economic impacts from the 68 airports considered in this analysis were calculated using an input-output model. The input-output model describes three types of impacts:

- **Direct Impacts** – Direct impacts account for the initial point where the money from aviation-related activity first starts circulating in the economy and result from on-airport activity and visitor spending. On-airport activity includes the benefits associated with businesses and government organizations located at the airport, which are directly related to the provision of aviation services. On-airport impacts include the employment, payroll, and spending of businesses such as fixed base operators (FBOs), flight schools, aircraft repair facilities, and airport management and operations staff. Capital expenditures of these businesses and government organizations are also included in direct impacts. Visitors contribute to direct impacts through their off-airport spending such as expenses for lodging and meals; any on-airport spending by visitors is included in the on-airport impacts. Direct impacts serve as the inputs for the economic model.

- **Multiplier Impacts** – Multiplier impacts result from the recirculation and re-spending of direct impacts within the economy. This re-spending of money can occur multiple times and takes two forms – indirect and induced. Indirect impacts occur when businesses spend their revenue on business expenses, whereas induced impacts occur when employees spend their earnings on goods and services. For example, as airport employees spend their salary for housing, food, and services, those expenditures circulate through the economy resulting in increased spending, payroll, and employment throughout Louisiana. As this money is spent repeatedly, some of it leaks beyond the boundaries of Louisiana, and thus no longer benefits the state’s citizens. The economic model uses parameters specific to Louisiana to estimate the leakage effect associated with these multiplier impacts. Multiplier impacts are the output of the economic model.
- **Total Impacts** – Total economic impacts are the sum of all direct and multiplier impacts attributable to an airport or the system of airports.

Direct impacts are measured through surveys of on-airport businesses and government units, and by applying average impacts to general aviation and commercial service visitors. Because multiplier impacts are not as easy to measure as direct impacts, it is important to employ a reliable method of estimating multiplier impacts. A leading method used to estimate multiplier impacts is the input-output model.

The Impact Analysis for Planning (IMPLAN) input-output model was used to quantify multiplier impacts in this study. IMPLAN is a linear model that estimates purchases and sales between hundreds of sectors of the economy. The U.S. Forest Service, in cooperation with several other government agencies, initially developed the IMPLAN system to generate regional non-survey input-output models for regions as small as a single county. This modeling process is considered one of the leading methods for estimating the total economic impact of an industry and has been used to estimate economic impacts for individual airports and systems of airports throughout the country.

The IMPLAN model contains a large economic database used to generate input-output tables. It includes data from sources such as Dun and Bradstreet, the U.S. Department of Commerce, and the U.S. Census Bureau. IMPLAN multipliers and data tables specific to Louisiana's industrial sectors were obtained and used for the *June 2015 Louisiana Airports Economic Impact Study*; the same multipliers are applied in this updated study. **Table 3-1** summarizes these economic impact terms. These terms are combined to focus on specific segments of economic impact. For example, the direct employment from on-airport impacts describes the jobs found among the businesses and management on the airport. The multiplier output from visitors describes the expenditures made by businesses supported by the spending of visitors that use Louisiana’s airports.

Table 3-1: Summary of Economic Impact Terms

| Types of Impacts | Measures of Economic Impact | Economic Impact Categories |
|------------------|-----------------------------|------------------------------|
| Direct | Employment | On-Airport |
| Multiplier | Payroll | Capital improvement projects |
| Total | Output | Visitors |

Sources: CDM Smith.

3.2 Surveys, Data Collection Methods, and Model Assumptions

The economic model requires an extensive data gathering effort to estimate the measures of direct impacts. The methods used to collect information from each category considered in the direct impacts are discussed in the ensuing sections, along with the assumptions needed to arrive at these direct impacts. An explanation of the multiplier impacts resulting from the recirculation of the direct impacts follows the descriptions of the direct impacts.

3.2.4 On-Airport

Airport sponsors and owners were contacted to provide 2018 employment, payroll, operating expenses, and capital improvement spending for their airports. Airports were also asked to verify previous employment estimates for each on-airport business tenant and to update where necessary. For this study update, only the top 100 on-airport tenants were contacted to provide detailed data on payroll, operating expenses, and capital improvements. The impacts of other tenants were extrapolated based on statewide averages.

Because the purpose of this study was to measure the economic impacts of each Louisiana airport and the activity that relied on the airport, a distinction was made between those on-airport tenants that depended on the airport (deemed aviation-related) and those that did not. For example, a tenant farmer located on an airport would not be designated as aviation-related since farming does not need an airport to operate. Airport tenants at each airport were grouped into 26 categories to aid in analysis. These categories consisted of:

- Aerial applicators
- Air ambulances
- Air cargo
- Aircraft maintenance
- Airlines (passenger only)
- Airport management (subdivided into large airports, unattended airports, and other airports)
- Air traffic control (subdivided into public, i.e., FAA, and private ATC)
- Charter
- Concessions (subdivided into categories for general aviation airports and commercial service airports)
- Corporate flight departments
- FBOs (subdivided into small and large FBO categories based on the number of employees)

- Federal government (not including air traffic control or TSA)
- Flight instruction
- Ground transportation
- Hangar rental and development
- Military
- Nonprofit
- Parking
- Rental car
- State and local government
- Transportation Security Administration (TSA)

The survey sent to the top 100 tenants requested the following information:

- Type of aviation activity conducted by the tenant
- Number of full-time and part-time employees
- Estimated total annual wages and benefits paid to employees
- Estimated total capital improvement expenditures for the past three years
- Estimated total annual operating expenses (excluding payroll and capital improvements previously identified)
- Estimated total annual gross sales (where applicable) by the business on the airport

A high response rate was desired for the airport management and tenant surveys so several rounds of follow-up telephone calls were made to non-responding entities and to airport managers to obtain the greatest response rate possible for on-airport employment. For airport tenants who did not supply complete information on payroll, expenses, output, and CIP, estimates were developed using ratios of payroll, expenses, output, and CIP per employee. These ratios were developed from survey data obtained from those tenants and businesses that responded to the survey during the previous study, with averages inflated to 2018 dollars. For those categories of tenants that did not have sufficient Louisiana data to provide reliable averages, additional data was used from economic studies conducted around the country.

For purposes of estimating multiplier impacts, airport tenants were classified into one of three categories – aviation, concession, or government – based upon the nature of their business. This was done to facilitate subsequent IMPLAN modeling of multipliers. Aviation multipliers were used for airlines, aircraft maintenance, FBOs, air cargo, flight schools, and corporate flight departments. Retail, food and beverage, car rental, and parking tenants had a set of concession multipliers applied to estimate multiplier impacts. Government related entities, including military units, received their own set of multipliers for estimating multiplier impacts. Impacts stemming from construction projects were broken out from each tenant so a set of construction-related multipliers could be used for capital projects.

3.2.5 Construction Impacts

Each year, airports and their tenants undertake capital improvement projects (CIP) such as runway rehabilitation, terminal improvements, or business renovations. These projects employ construction workers, architects, engineers, and consultants. For this analysis, data was gathered

on CIP expenditures and combined with IMPLAN data to estimate direct construction impacts. The following steps were used to estimate construction impacts:

- CIP data for the past three years was gathered from airport management as well as from surveyed on-airport businesses. This data was validated against FAA grant data.
- CIP expenditures were averaged over the time period to avoid showing peaks or troughs in construction activity. This average CIP expenditure was used as the CIP direct output for the airport.
- The IMPLAN model indicates that every \$1 million spent annually on construction activity supports approximately 6.3 construction-related jobs in Louisiana. These jobs include construction workers, equipment operators, foremen, engineers, architects, consultants, and managers.
- Data from the U.S. Bureau of Labor Statistics was used to determine average annual pay for Louisiana employees involved in construction activity was approximately \$39,400. This average payroll was applied to each CIP-related employee to determine direct payroll associated with CIP activity.
- CIP multipliers from the IMPLAN model were applied to these direct impact numbers to estimate induced and indirect impacts.

The following example demonstrates the calculations used to estimate the impacts from CIP at False River Regional Airport in New Roads, Louisiana.

False River Regional Airport reported average annual CIP expenditures for the past three years of \$2,572,774. In order to estimate employment associated with CIP expenditures, Louisiana specific employment ratios per \$1 million of CIP spending were developed using the IMPLAN model. It was estimated that approximately 6.3 workers are employed in Louisiana as a result of every \$1 million in CIP output at False River Regional Airport. That equates to an estimated 16 CIP-related jobs associated with construction activity conducted by the False River Regional Airport's sponsor.

$$\$2,572,774 \times 6.3 \div \$1,000,000 \text{ per job} = 16 \text{ jobs}$$

To estimate payroll impacts associated with employment supported by construction activity, average state wages for appropriate industry sectors were applied to the estimated number of employees supported by CIP spending. Based on data obtained from the U.S. Bureau of Labor Statistics, an average payroll of \$39,370 per employee in Louisiana was assumed for these job categories.

$$16 \text{ jobs} \times \$39,370 = \$635,000 \text{ annual payroll}$$

The same calculation was used for each airport. Detailed tables showing the CIP impacts at each airport can be found in Appendix A at the end of this report.

3.2.6 Commercial Service Visitors

Airline flights to and from Louisiana's commercial service airports provide access for millions of business- and pleasure-related visitors. Visitors using commercial service airports as a gateway

to the state contribute to the economy through their expenditures for food, lodging, entertainment, transportation, retail sales, and other goods and services. Numerous service industries also benefit from the multiplier effects stemming from visitor spending.

For the *June 2015 Louisiana Airports Economic Impact Study*, the spending patterns of commercial service visitors to Louisiana were estimated from data obtained from the *Calendar Year 2010 Louisiana Travels America Visitor Profile Report*. Visitor spending data for each city with a commercial service airport was adjusted for inflation to 2011 figures and then a factor was applied to account for differences between overall visitor spending and those visitors that arrived by commercial airline. For this updated economic impact study, these figures have been inflated to 2018 dollars.

This data was used to estimate the economic impacts related to commercial service visitors for each commercial service airport, using the following methodology.

Enplanement data was obtained for each commercial service airport from FAA records. The percentage of visiting passengers was estimated for each airport, using a year's sampling of U.S. DOT origin and destination data. This data for each airport is shown in **Table 3-2**. Visiting passengers ranged from 41 percent at Lake Charles Regional Airport to more than 63 percent at Louis Armstrong New Orleans International Airport, obviously a major draw for tourists and other visitors.

Table 3-2: Enplanements & Percent Visitors at Louisiana Commercial Service Airports

| Associated City | Airport | 2018 Enplanements | Percent Visitors | Visitors |
|--|--|-------------------|------------------|------------------|
| Commercial Service Airports | | | | |
| Alexandria | England Airpark/Alexandria International Airpark | 143,211 | 48.4% | 69,314 |
| Baton Rouge | Baton Rouge Metropolitan, Ryan Field | 390,908 | 47.7% | 186,463 |
| Lafayette | Lafayette Regional | 223,757 | 42.7% | 95,544 |
| Lake Charles | Lake Charles Regional | 58,122 | 41.3% | 24,004 |
| Monroe | Monroe Regional | 107,107 | 44.9% | 48,091 |
| New Orleans | Louis Armstrong New Orleans International | 6,583,031 | 63.2% | 4,160,476 |
| Shreveport | Shreveport Regional | 314,488 | 44.6% | 140,262 |
| Commercial Service Airports Total | | 7,820,624 | 60.4% | 4,724,154 |

Source: FAA records and US DOT O&D data.

The average visitor expenditure, derived from the methodology described above, was applied to the number of annual visitors for each airport to determine total economic output generated by commercial airline visitors on an annual basis. Ratios from the IMPLAN economic impact model found that every \$1 million in visitor expenditures supported approximately 11.3 jobs, predominately in the hospitality industry. Data from the U.S. Bureau of Labor Statistics was used to determine that the average pay for Louisiana employees supported by visitor spending was approximately \$22,600. This average payroll was applied to each visitor-related employee to determine direct payroll associated with visitor spending.

The following example demonstrates the calculations used to estimate commercial service visitor impacts.

FAA reports indicate that Lafayette Regional Airport experienced 223,757 enplanements in 2018. U.S. DOT origin and destination data indicates that 42.7 percent of these enplanements were visitors to the area, meaning that approximately 95,500 visitors traveled through Lafayette Regional Airport in 2018.

$$223,757 \text{ enplanements} \times 42.7 \text{ percent visitors} = 95,500 \text{ visitors}$$

Visitors to Lafayette Regional Airport spend an estimated average of \$322 per trip. This average expenditure was used to calculate visitor's annual spending (or output) of approximately \$30.9 million.

$$95,500 \text{ visitors} \times \$322 \text{ per trip} = \$30.9 \text{ million}$$

To estimate employment associated with commercial service visitor expenditures, Louisiana specific employment ratios per \$1 million of visitor output were developed using the IMPLAN model. It was estimated that approximately 11.3 persons are employed in Louisiana as a result of every \$1 million in commercial service visitor output. That equates to an estimated 348 visitor-related jobs associated with visitors arriving via Shreveport Regional on commercial airlines.

$$\$30.9 \text{ million} \times 11.3 \div \$1,000,000 \text{ per job} = 348 \text{ jobs}$$

To estimate payroll impacts associated with employment supported by commercial service visitors, average state wages for appropriate industry sectors were applied to the estimated number of employees supported by commercial airline visitor spending. Most visitor expenditures take place in the hotel, motel, food, beverage, entertainment, retail, and transportation sectors. Based on data obtained from the U.S. Bureau of Labor Statistics, an average payroll of \$22,600 per employee in Louisiana was assumed for these job categories.

$$348 \text{ jobs} \times \$22,600 = \$7.9 \text{ million annual payroll}$$

The same calculation was applied to each commercial service airport, using the average expenditure per trip appropriate for each airport and the same employment multiplier and average payroll for all airports. Detailed tables showing the commercial service visitor impacts at each commercial service airport can be found in Appendix A at the end of this report.

3.2.7 General Aviation Visitors

General aviation refers to all segments of aircraft activity that are not related to the commercial airlines (including scheduled air cargo) or the military. Visitors to Louisiana use general aviation aircraft to both conduct business and to enjoy the leisure opportunities available in the state. For example, numerous airports along the Gulf Coast support flight operations conducted by companies involved in Louisiana's oil and gas industry. The visitors on these flights spend money in the local economy on food, lodging and other hospitality services.

For the *June 2015 Louisiana Airports Economic Impact Study*, the economic activity produced by general aviation visitors in Louisiana was determined by surveying visiting pilots and passengers. Surveys were delivered to FBO managers throughout the state who were asked to encourage visitors to complete the surveys. The survey requested the following information:

- The airport where the survey was received
- The number of travelers in the aircraft
- Where the aircraft was based
- Whether the respondent was a pilot or passenger
- The purpose of the trip
- The length of stay in the airport area
- The estimated expenditures during the trip
- The number of people responsible for the expenditures
- Further comments regarding the value of the Louisiana aviation system to the pilot and his or her business

This survey data was used to develop estimates of visitor expenditures. These estimates included the average number of visitors per aircraft, and the average expenditure per visitor per trip. For this study update, the average expenditures per trip were inflated to 2018 dollars.

Recognizing that these averages vary at different types of airports, Louisiana's airports were grouped into one of three tiers based upon the total annual general aviation operations at the airport. All airports with more than 44,000 total operations were placed in Tier 1, so this included all the commercial service airports. All airports with between 12,000 and 44,000 operations were placed in Tier 2, and all airports with fewer than 12,000 operations were placed in Tier 3. These definitions were established based upon an analysis of typical length of stay, spending amounts for different groupings of airports, and the goal of equitably distributing the airports among the three tiers. Using these definitions, 17 airports were placed in Tier 1, 27 in Tier 2, and the remaining 25 in Tier 3.

Data from FAA 5010 forms for each airport was used to develop estimates of itinerant aircraft operations, which are operations by aircraft coming from another airport. Since many of these operations are on aircraft that are returning to their home base, an estimate of true transient aircraft – those bringing visitors to the airport – was needed. True transients were estimated as 33 percent of all itinerant operations, based on data at the national level. Together, these estimates were used to assess the level of general aviation visitor spending at each airport as illustrated in the following example.

Abbeville Chris Crusta Memorial Airport was estimated to have approximately 17,312 itinerant operations in 2018, or 8,656 itinerant arrivals (since it is assumed that all arrivals have a corresponding departure). Furthermore, it was assumed that 33 percent of these itinerant arrivals were true transient arrivals, or:

$$8,656 \text{ itinerant arrivals} \times 33 \text{ percent} = 2,856 \text{ true transient arrivals.}$$

Using survey results, the *June 2015 Louisiana Airports Economic Impact Study* estimated an average of 3.4 visitors per aircraft (including the pilot) for Tier 1 airports. This average is applied again as part of this study update. In addition, the previous study estimated an average spending per trip of \$545 (after inflation to 2018 dollars) for Tier 1 airports. These averages were used to calculate the number of total visitors (9,712) and visitor spending in the region around Abbeville Chris Crusta Memorial (approximately \$5.3 million per year).

$$2,856 \text{ transient arrivals} \times 3.4 \text{ visitors per arrival} = 9,712 \text{ visitors}$$

$$9,712 \text{ visitors} \times \$545 \text{ per visitor per trip} = \$5.3 \text{ million annual spending by visitors}$$

To determine payroll and employment impacts resulting from this visitor spending (or output); multiplier ratios based on \$1 million of output were used. Ratios developed by the IMPLAN input-output model indicate that for every \$1 million of general aviation visitor output, approximately 16.5 full-time positions in other industries are created. Most of these jobs are in the service and retail sectors. Visitors using general aviation at Abbeville Chris Crusta Memorial support approximately 87 full-time positions.

$$\$5.3 \text{ million} \times 16.5 \text{ jobs} \div \$1,000,000 \text{ per job} = 87 \text{ jobs}$$

The average annual statewide salary for service/retail industries of \$22,600 (based on Bureau of Labor Statistics data for Louisiana) was then applied to the estimate of employment to calculate the payroll impacts associated with general aviation visitors. In this example, visitor-related payroll created by the approximately 87 full-time positions is estimated to total approximately \$1.9 million.

$$87 \text{ jobs} \times \$22,600 = \$1.9 \text{ million annual payroll}$$

The operational and visitor impact data for each study airport can be found in Appendix A at the end of this report.

3.3 Study Multipliers

Employment, payroll, and output impacts derived from airport businesses, on-airport activities, spending on capital projects, and visitor expenditures comprise each airport's direct economic impacts. Once these impacts enter the economy, they recirculate among other sectors, creating rounds of additional spending beyond the initial inputs. This re-spending of the initial inputs, referred to as the multiplier effect, continues until the money leaks beyond the defined boundaries of the study – in this case, the state of Louisiana.

Multiplier effects arise from various interdependencies within an economic system. For example, the operation of an airport requires inputs in the form of supplies, equipment, and maintenance. These inputs generate a boost in sales for those businesses providing these services and products. Moreover, the goods and services themselves require inputs for their production. The process continues as a large number of impacts recirculate through the economy. The total requirement for goods and services is the multiple of the initial needs of the airports considered in this analysis; hence it is referred to using the term “multiplier.”

Multipliers for estimating impacts beyond the direct impacts were derived from the IMPLAN model. The multipliers used in this analysis were developed specifically to measure the economic impacts that occur within different sectors of the Louisiana's aviation economy.

Table 3-3 summarizes the multipliers used for modeling the multiplier impacts of on-airport activities and visitor spending. These multipliers were used to estimate multiplier impacts in this analysis. For example, \$100 in direct expenditures (output) in the aviation sector supports a total

output of \$164. That total output breaks down into \$100 of direct output and \$64 of multiplier output.

Table 3-3: Louisiana IMPLAN Multipliers by Economic Sector

| Economy Sector | Employment Multiplier | Payroll Multiplier | Output Multiplier |
|--|-----------------------|--------------------|-------------------|
| Aviation ¹ | 2.36 | 1.79 | 1.64 |
| Concessions ² | 1.37 | 1.63 | 1.68 |
| Government ³ | 2.86 | 2.47 | 1.83 |
| Construction CIP ⁴ | 2.08 | 1.72 | 1.78 |
| Commercial Service Visitor Expenditures ⁵ | 1.56 | 1.77 | 1.64 |
| General Aviation Visitor Expenditures ⁶ | 1.38 | 1.64 | 1.66 |

Sources: CDM Smith and IMPLAN multipliers.

Notes:

1. Aviation multipliers are the weighted average of the Aircraft Manufacturing, Aircraft Engine and Engine Parts Manufacturing, Other Aircraft Parts and Auxiliary Equipment Manufacturing, and Transport by Air multipliers.
2. Concessions multipliers are the weighted average of the Retail Stores - Miscellaneous, Business Support Services, Hotels and Motels, Including Casino Hotels, and Food Services and Drinking Places multipliers.
3. Government multipliers are the weighted average of the Other Federal Government Enterprises, and Other State and Local Government Enterprises multipliers.
4. Construction multipliers are the weighted average of the Construction of Other New Nonresidential Structures, Asphalt Paving Mixture and Block Manufacturing, Cement Manufacturing, Ready-mix Concrete Manufacturing, Maintenance and Repair Construction of Nonresidential Structures, and Architectural, Engineering, and Related Services multipliers.
5. Visitor expenditures multipliers are the weighted average of the Retail Stores - Miscellaneous, Automotive Equipment Rental and Leasing, Hotels and Motels, Including Casino Hotels, and Food Services and Drinking Places multipliers. Weightings were different for commercial airline service and general aviation visitor multipliers to reflect the difference in their spending patterns.

The methodology discussed in this section was applied to each of the study airports. By following this methodology, estimates of total employment, annual payroll, and annual output associated with each airport were developed. As noted previously, on-airport tenants were classified under one of three categories (aviation, concessions, or government) for purposes of assigning multipliers. Each airport has different overall on-airport multipliers because each airport has a different mix of tenants. The multipliers for CIP and visitors are the same for all airports.

Section 4

Employment, Payroll, and Output Impacts for Study Airports

The Louisiana system of 68 public airports accommodates the travel needs of business and leisure visitors to the state. The airports themselves are also significant generators of economic activity, supporting jobs, payroll, and output for the Louisiana economy.

Louisiana airports are home to a wide variety of businesses and employers, everything from small single proprietorship flight instructors to major airlines and corporate flight departments for Fortune 500 businesses. Aviation supports the extensive oil and gas industry in Louisiana, especially in the Gulf Coast region. Numerous helicopter air taxi operations, such as ERA Helicopters at Lake Charles Regional and PHI at Lafayette Regional, conduct flights to and from oil rigs in the Gulf of Mexico. Other companies, like Bristow's flight simulator training facilities at Acadiana Regional, provide the helicopter flight instruction that feeds pilots into the air taxi career path.

Military aviation has a significant presence in Louisiana. Airports in Hammond and Alexandria provide bases for aviation units of the Army and Air National Guard. These aviation units contribute jobs and payroll to Louisiana's economy. While not part of this study, Louisiana is also home to Barksdale Air Force Base, located near Shreveport, Louisiana.

The following sections discuss economic impacts associated with employment, annual payroll, and total annual economic activity (output) for study airports. The combined impact of all of Louisiana's 68 airports is shown in each section. Detailed tables showing the impacts of each individual airport can be found in Appendix A at the end of this report.

4.1 Employment Impacts

Airports in Louisiana are a massive generator of jobs. Employment impacts are calculated for on-airport activity and visitors. On-airport activity includes private businesses and government agencies. The employment of on-airport military units was also included among these impacts. Spending for capital improvement projects (CIP) and other improvement and construction projects also contributes to on-airport employment. As stated in a previous section, employment is expressed in this study as full-time equivalent positions, where two part-time jobs are considered equal to one full-time job.

4.1.1 Employment from On-Airport Activity

Table 4-1 summarizes the total number of jobs supported by the day-to-day activities of on-airport aviation-related tenants and businesses at the 68 Louisiana system airports. These are jobs filled by people engaged in the provision of aviation-related products and services on the airport such as aircraft fuel sales, aircraft maintenance, flight training, aircraft manufacturing, and charter services.

Table 4-1: Louisiana On-Airport Employment

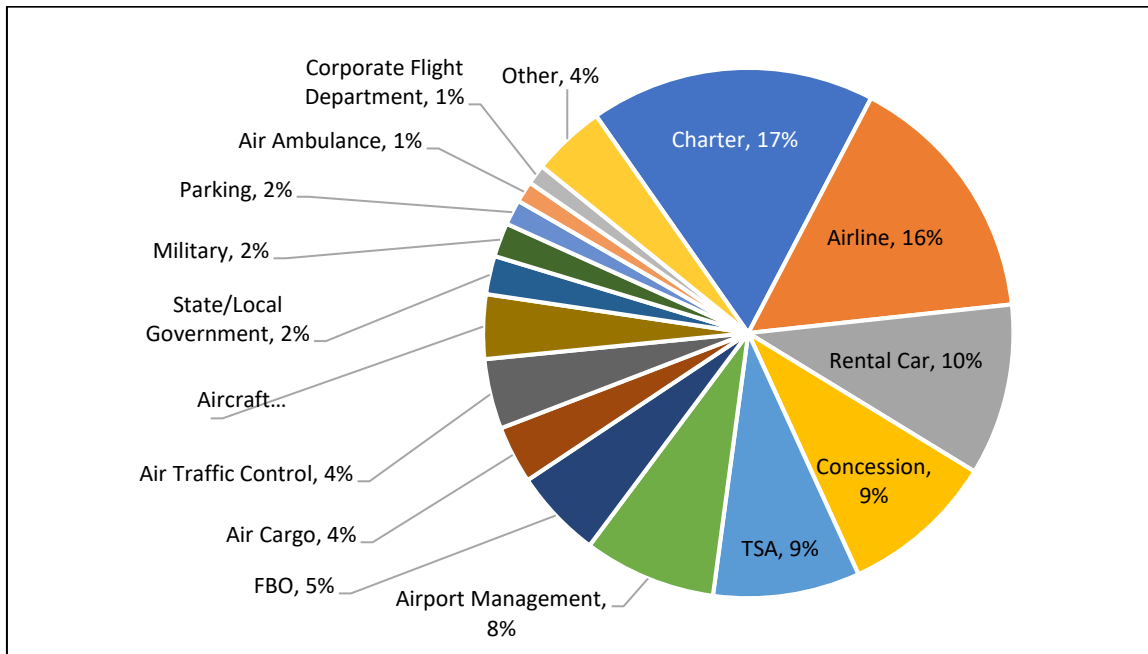
| Airport Name | Direct On-Airport Employment | Multiplier Employment | Total On-Airport Employment |
|---|------------------------------|-----------------------|-----------------------------|
| Louis Armstrong New Orleans International | 2,325 | 2,635 | 4,960 |
| Other Commercial Service Airports | 3,231 | 4,463 | 7,694 |
| General Aviation Airports | 3,347 | 4,910 | 8,257 |
| Total On-Airport Employment | 8,903 | 12,008 | 20,911 |

Source: CDM Smith and IMPLAN.

There are 8,903 direct jobs supported by the on-airport activities of Louisiana's airports. It is important to note that this employment estimate does not include jobs associated with non-aviation businesses which, for various reasons, are located on an airport. For instance, some airports have industrial or business parks that include companies that are not related to the airport or aviation in any way. Employment related to these businesses is not included in the employment estimate shown in Table 4-1.

On-airport employment is distributed across a wide variety of businesses. At Louisiana's commercial service airports, the most direct jobs can be attributed to charter companies (17 percent of the total) and airlines (16 percent of the total). Both Lake Charles Regional and Lafayette Regional are home to large helicopter charter operations that employ hundreds of aviation workers. Also accounting for a significant volume of on-airport employment at commercial service airports are rental car companies, concessionaires, TSA, and airport management. **Figure 4-1** summarizes the distribution of on-airport direct employment at Louisiana's commercial service airports.

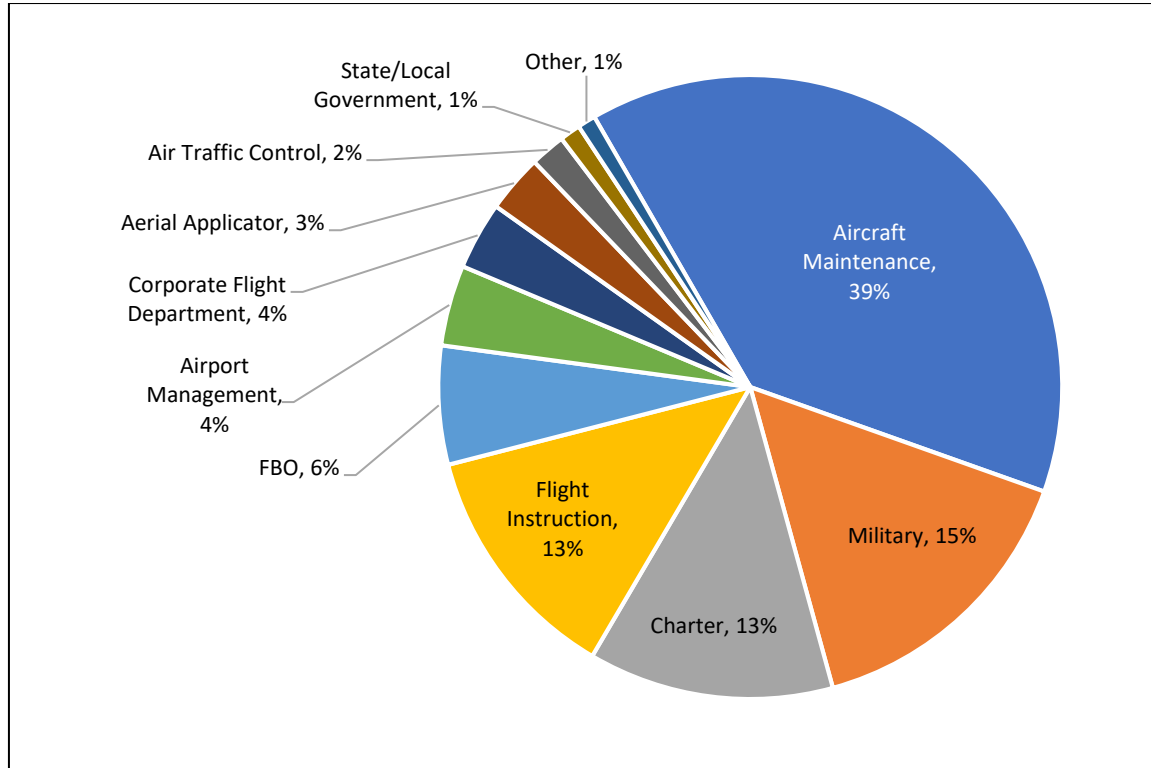
Figure 4-1: Percentage of Direct Jobs by Business Type at Louisiana Commercial Service Airports



Source: CDM Smith.

At the state’s general aviation airports, aircraft maintenance accounts for the largest percentage of on-airport, direct employment with 39 percent of the total. Military (15 percent), charter companies (13 percent), and flight instruction (13 percent) are also significant generators of on-airport employment. **Figure 4-2** summarizes the distribution of on-airport direct employment at Louisiana’s general aviation airports.

Figure 4-2: Percentage of Direct Jobs by Business Type at Louisiana General Aviation Airports



Source: CDM Smith.

Multiplier impacts are jobs created by spin-off effects stemming from direct jobs associated with tenants, businesses, and government agencies at Louisiana's airports. For example, a ground handler working at an FBO spends his or her payroll on items such as groceries, which in turn supports employment at local retail establishments. As a result of on-airport tenant activity, additional multiplier employment is created. Multiplier impacts associated with the day-to-day operation of Louisiana's airports add an estimated 12,008 jobs to the state’s total employment. When direct and multiplier employment are considered, Louisiana's airport tenants contributed 20,911 jobs to Louisiana's employment base in 2018.

4.1.2 Employment from Capital Improvement Project (CIP) Expenditures

Construction projects on airports generate jobs for architects, engineers, consultants, and construction laborers. **Table 4-2** identifies the number of employees in Louisiana whose jobs are supported by an average year of airport-related construction. The majority of these jobs are generated by projects at Louisiana’s commercial service airports, particularly Louis Armstrong New Orleans International, which recently completed construction of a new terminal.

CIP work at Louisiana’s airports supports an estimated 3,831 direct jobs. Multiplier impacts add another 4,100 jobs, resulting in 7,931 jobs related to airport CIP work.

Table 4-2: Louisiana Employment from CIP Expenditures

| Airport Name | Direct CIP Employment | Multiplier Employment | Total CIP Employment |
|---|-----------------------|-----------------------|----------------------|
| Louis Armstrong New Orleans International | 2,123 | 2,300 | 4,423 |
| Other Commercial Service Airports | 1,166 | 1,256 | 2,422 |
| General Aviation Airports | 542 | 544 | 1,086 |
| Total CIP Employment | 3,831 | 4,100 | 7,931 |

Source: CDM Smith and IMPLAN.

4.1.3 Employment from Commercial Service Visitor Spending

Visitors arriving via commercial airlines spend money throughout Louisiana, which supports jobs beyond those found at the airport, primarily in the hospitality industry. **Table 4-3** identifies the number of employees in Louisiana whose jobs are supported by the spending of visitors arriving on airlines via Louisiana’s seven commercial service airports. Most these visitors pass through Louis Armstrong New Orleans International, as indicated by the significant number of jobs related to spending by visitors arriving via that airport. The 31,918 jobs supported by visitor spending tied to Louis Armstrong New Orleans International Airport account for more than 94 percent of all commercial service visitor-related jobs in Louisiana.

Table 4-3: Louisiana Employment from Commercial Service Visitor Spending

| Airport Name | Direct Commercial Service Visitor Employment | Multiplier Employment | Total Commercial Service Visitor Employment |
|--|--|-----------------------|---|
| Louis Armstrong New Orleans International | 31,918 | 17,848 | 49,766 |
| Other Commercial Service Airports | 2,018 | 1,130 | 3,148 |
| Total Commercial Service Visitor Employment | 33,936 | 18,978 | 52,914 |

Source: CDM Smith and IMPLAN.

When added to the jobs resulting from visitors to the other commercial airports, 33,936 direct jobs can be traced to visitors arriving in Louisiana on commercial airlines. Multiplier impacts create an additional 18,978 jobs. The total number of jobs supported by commercial airline visitors in Louisiana is 52,914.

4.1.4 Employment from General Aviation Visitor Spending

Visitors arriving via general aviation also contribute to Louisiana’s economy through their purchases made while in the state, as shown in **Table 4-4**. The bulk of jobs tied to general aviation visitor spending are found around the 61 general aviation airports spread throughout the state, although a fair number are attributed to general aviation activity taking place at the state’s commercial service airports.

Table 4-4: Louisiana Employment from General Aviation Visitor Spending

| Airport Name | Direct GA Visitor-Related Employment | Multiplier Employment | Total GA Visitor-Related Employment |
|---|--------------------------------------|-----------------------|-------------------------------------|
| Louis Armstrong New Orleans International | 56 | 21 | 77 |
| Other Commercial Service Airports | 376 | 144 | 520 |
| General Aviation Airports | 1,488 | 553 | 2,041 |
| Total GA Visitor Employment | 1,920 | 718 | 2,638 |

Source: CDM Smith and IMPLAN.

Direct jobs associated with general aviation visitor spending are usually found off-airport and are attributed to a variety of sectors; however, most of these jobs are concentrated in the hotel, motel, restaurant, recreational, entertainment, and retail sectors. General aviation visitor expenditures support an estimated 1,920 jobs in Louisiana.

Multiplier employment includes those jobs that exist due to continued circulation of general aviation visitor expenditures. Multiplier impacts result in 718 additional jobs. When direct and multiplier general aviation visitor-related employment impacts are combined, 2,638 jobs are supported by the spending of visitors using general aviation aircraft in Louisiana.

4.1.5 Total Employment

Table 4-5 identifies the total number of jobs supported by all activities at Louisiana's 68 airports. The combination of on-airport activities, CIP expenditures, and spending by visitors using the study airports creates an estimated 48,590 direct jobs. The multiplier effect adds 35,804 additional jobs. In total, 84,394 jobs are supported in Louisiana by aviation-related operators, businesses, and visitors to the study airports.

Table 4-5: Louisiana Airports Total Employment

| Airport Name | Total Direct Employment | Total Multiplier Employment | Total Employment |
|---|-------------------------|-----------------------------|------------------|
| Louis Armstrong New Orleans International | 36,422 | 22,804 | 59,226 |
| Other Commercial Service Airports | 6,791 | 6,993 | 13,784 |
| General Aviation Airports | 5,377 | 6,007 | 11,384 |
| Total Employment | 48,590 | 35,804 | 84,394 |

Source: CDM Smith and IMPLAN.

4.2 Payroll Impacts

As Louisiana's airport system generates employment, it also generates the salaries, wages, and benefits paid to these workers, benefiting the state's economy. The following sections summarize the payroll impacts associated with on-airport businesses and their activities, CIP activities, and commercial service and general aviation visitors.

4.2.6 Payroll from On-Airport Activity

Table 4-6 summarizes the 2018 payroll impacts associated with on-airport activity at the 68 study airports.

Table 4-6: Louisiana On-Airport Payroll

| Airport Name | Direct On-Airport Payroll | Multiplier Payroll | Total On-Airport Payroll |
|---|---------------------------|----------------------|--------------------------|
| Louis Armstrong New Orleans International | \$108,793,000 | \$118,675,000 | \$227,468,000 |
| Other Commercial Service Airports | \$188,506,000 | \$191,475,000 | \$379,981,000 |
| General Aviation Airports | \$165,240,000 | \$157,521,000 | \$322,761,000 |
| Total On-Airport Payroll | \$462,539,000 | \$467,671,000 | \$930,210,000 |

Source: CDM Smith and IMPLAN.

This study found that on-airport activities generated \$462.5 million in direct payroll impacts. The majority of this is attributable to Louisiana’s commercial service airports, with New Orleans providing approximately \$108.8 million in payroll. The remaining commercial service airports in Louisiana contribute another \$188.5 million of annual payroll, with the state’s general aviation airports adding \$165.2 million to direct payroll.

As direct payroll impacts ripple throughout the Louisiana economy, they create multiplier payroll impacts that are estimated through the IMPLAN model. The multiplier annual payroll impact related to on-airport tenants and businesses at the study airports is approximately \$467.7 million. Total payroll impacts produced by airports, which include direct and multiplier payroll, are an estimated \$930.2 million annually.

4.2.7 Payroll from CIP Expenditures

CIP and related construction work provide another source of airport-related payroll. Estimates of annual payroll tied to CIP are shown in **Table 4-7**.

Table 4-7: Louisiana Annual Payroll from CIP Expenditures

| Airport Name | Direct CIP Payroll | Multiplier Payroll | Total CIP Payroll |
|---|----------------------|----------------------|----------------------|
| Louis Armstrong New Orleans International | \$83,572,000 | \$60,537,000 | \$144,109,000 |
| Other Commercial Service Airports | \$45,722,000 | \$33,118,000 | \$78,840,000 |
| General Aviation Airports | \$19,967,000 | \$14,460,000 | \$34,427,000 |
| Total CIP Payroll | \$149,261,000 | \$108,115,000 | \$257,376,000 |

Source: CDM Smith and IMPLAN.

With \$83.6 million in direct CIP payroll impacts, Louis Armstrong New Orleans International accounted for approximately 56 percent of all CIP-related direct payroll in the state. The other commercial airports added another \$45.7 million in payroll tied to CIP, and general aviation contributed nearly \$20 million to the total direct CIP payroll of \$149.3 million. Multiplier impacts added another \$108.1 million in CIP payroll, giving a total annual payroll impact attributed to CIP of \$257.4 million.

4.2.8 Payroll from Commercial Service Visitor Spending

Table 4-8 summarizes the annual payroll impacts attributed to employees whose jobs are supported by the spending of commercial service visitors using the study airports.

Table 4-8: Louisiana Annual Payroll from Commercial Service Visitor Spending

| Airport Name | Direct Commercial Service Visitor Payroll | Multiplier Payroll | Total Commercial Service Visitor Payroll |
|---|---|----------------------|--|
| Louis Armstrong New Orleans International | \$721,506,000 | \$553,368,000 | \$1,274,874,000 |
| Other Commercial Service Airports | \$45,618,000 | \$34,988,000 | \$80,606,000 |
| Total Commercial Service Visitor Payroll | \$767,124,000 | \$588,356,000 | \$1,355,480,000 |

Source: CDM Smith and IMPLAN.

Direct payroll consists of salary, wages, and benefits paid to employees working at restaurants, hotels, motels, retail businesses, and other service industries that are used by commercial service visitors. Direct annual payroll attributable to spending by commercial service visitors is estimated at \$767.1 million, with more than \$721.5 million (94 percent) attributable to New Orleans International.

As employees in the service industries spend their payroll, the money continues to circulate in Louisiana, generating additional employment and subsequent payroll. Annual multiplier payroll impacts associated with commercial service visitor-supported employment are estimated at nearly \$588.4 million. The total commercial service visitor impact to payroll in Louisiana is estimated to be over \$1.3 billion.

4.2.9 Payroll from General Aviation Visitor Spending

Table 4-9 summarizes the payroll impacts attributed to spending by visitors using general aviation to travel to various parts of Louisiana.

Table 4-9: Louisiana Annual Payroll from General Aviation Visitor Spending

| Airport Name | Direct GA Visitor Payroll | Multiplier Payroll | Total GA Visitor Payroll |
|---|---------------------------|---------------------|--------------------------|
| Louis Armstrong New Orleans International | \$1,256,000 | \$806,000 | \$2,062,000 |
| Other Commercial Service Airports | \$8,439,000 | \$5,421,000 | \$13,860,000 |
| General Aviation Airports | \$32,928,000 | \$21,153,000 | \$54,081,000 |
| Total GA Visitor Payroll | \$42,623,000 | \$27,380,000 | \$70,003,000 |

Source: CDM Smith and IMPLAN.

Similarly to commercial service visitor-related payroll, payroll related to visitors arriving via general aviation is that paid to workers in such industries as lodging and food service. Direct annual payroll attributable to spending by general aviation visitors is estimated at \$42.6 million. Nearly \$33 million of that payroll is attributed to Louisiana's general aviation airports.

As employees in the visitor-related industries spend their payroll, this spending continues to circulate, generating additional employment and subsequent payroll. The multiplier payroll impact associated with general aviation visitor spending is estimated at approximately \$27.4 million. When direct and multiplier payroll impacts stemming from general aviation visitor spending are combined, a total payroll impact of \$70 million is produced annually.

4.2.10 Total Annual Payroll

The combined impacts of airport businesses and tenants, on-airport activities, CIP, commercial service visitor, and general aviation visitor-related payroll in Louisiana are identified in **Table 4-10**. The collective direct annual payroll impact supported by the study airports is approximately \$1.4 billion. Multiplier impacts add another \$1.2 billion in annual payroll impacts to produce a total payroll impact of \$2.6 billion.

Table 4-10: Louisiana Airports Total Annual Payroll

| Airport Name | Total Direct Payroll | Total Multiplier Payroll | Total Payroll |
|---|------------------------|--------------------------|------------------------|
| Louis Armstrong New Orleans International | \$915,127,000 | \$733,386,000 | \$1,648,513,000 |
| Other Commercial Service Airports | \$288,285,000 | \$265,002,000 | \$553,287,000 |
| General Aviation Airports | \$218,135,000 | \$193,134,000 | \$411,269,000 |
| Total Payroll | \$1,421,547,000 | \$1,191,522,000 | \$2,613,069,000 |

Source: CDM Smith and IMPLAN.

4.3 Output Impacts

Economic output is the result of money spent, invested, and generated by aviation-related businesses, government agencies, and visitors. For this study, on-airport output is defined as annual gross sales for on-airport businesses and activities. The exceptions are organizations that do not generate revenue, such as corporate flight departments and government agencies. Airlines are also exceptions as it is difficult to attribute ticket revenues to specific airports. Output for these types of organizations is defined as operating expenses. Output for CIP is simply the expenditures related to those projects. Output related to commercial service and general aviation visitors is defined as spending by those people during their visits at locations that are not already captured by on-airport output, typically off-airport establishments. Annual economic output attributed to the system airports that benefits Louisiana's economy is discussed in this section.

4.3.11 Output from On-Airport Activity

Table 4-11 identifies annual output for all on-airport activities. Louisiana's airports produce nearly \$1.9 billion in direct economic output, with nearly 70 percent attributable to the state's commercial service airports.

Table 4-11: Louisiana On-Airport Output

| Airport Name | Direct On-Airport Output | Multiplier Output | Total On-Airport Output |
|---|--------------------------|------------------------|-------------------------|
| Louis Armstrong New Orleans International | \$423,975,000 | \$299,190,000 | \$723,165,000 |
| Other Commercial Service Airports | \$853,696,000 | \$575,184,000 | \$1,428,880,000 |
| General Aviation Airports | \$577,097,000 | \$385,671,000 | \$962,768,000 |
| Total On-Airport Output | \$1,854,768,000 | \$1,260,045,000 | \$3,114,813,000 |

Source: CDM Smith and IMPLAN.

As aviation-related businesses and government entities located on each study airport spend money, these expenditures ripple through Louisiana's economy, leading to additional output

impacts. Multiplier output impacts are estimated using IMPLAN multipliers, with an estimate of \$1.3 billion in multiplier output from on-airport activity. When direct and multiplier impacts are combined, the total annual output for the study airports from on-airport activity is over \$3.1 billion.

4.3.12 Output from CIP Expenditures

Spending on CIP adds over \$604 million in direct output to the Louisiana economy, as shown in **Table 4-12**. Multiplier impacts add an additional \$473 million in impacts, resulting in total CIP impacts of nearly \$1.1 billion. It is important to remember that the estimated annual CIP expenditures are based on the average of the three previous years of CIP expenditures. New Orleans International Airport accounts for nearly 56 percent of these impacts.

Table 4-12: Louisiana Output from CIP Expenditures

| Airport Name | Direct CIP Output | Multiplier Output | Total CIP Output |
|---|----------------------|----------------------|------------------------|
| Louis Armstrong New Orleans International | \$338,476,000 | \$264,976,000 | \$603,452,000 |
| Other Commercial Service Airports | \$185,174,000 | \$144,964,000 | \$330,138,000 |
| General Aviation Airports | \$80,857,000 | \$63,293,000 | \$144,150,000 |
| Total CIP Output | \$604,507,000 | \$473,233,000 | \$1,077,740,000 |

Source: CDM Smith and IMPLAN.

4.3.13 Output from Commercial Service Visitor Spending

Table 4-13 summarizes the output attributed to commercial visitor spending in Louisiana. Louis Armstrong New Orleans International Airport accounts for over 94 percent of these impacts, with more than \$2.8 billion in direct output related to visitor spending compared to \$3.0 billion for the entire state. The recirculation of those impacts creates another \$1.9 billion in multiplier impacts. In total, the combined annual output from commercial service visitor spending is over \$4.9 billion.

Table 4-13: Louisiana Output from Commercial Service Visitor Spending

| Airport Name | Direct Commercial Service Visitor Output | Multiplier Output | Total Commercial Service Visitor Output |
|--|--|------------------------|---|
| Louis Armstrong New Orleans International | \$2,833,556,000 | \$1,808,843,000 | \$4,642,399,000 |
| Other Commercial Service Airports | \$179,095,000 | \$114,328,000 | \$293,423,000 |
| Total Commercial Service Visitor Output | \$3,012,651,000 | \$1,923,171,000 | \$4,935,822,000 |

Source: CDM Smith and IMPLAN.

4.3.14 Output from General Aviation Visitor Spending

Table 4-14 summarizes the output attributed to general aviation visitors using airports in Louisiana. Direct annual output is estimated at nearly \$114 million, with over 77 percent of this attributable to the state’s general aviation airports. As the businesses that support visitor activities recirculate this money, multiplier impacts estimated at \$75.4 million are created. Combining the direct and multiplier impacts of general aviation visitor spending yields total general aviation CIP visitor output of \$189.4 million.

Table 4-14: Louisiana Output from General Aviation Visitor Spending

| Airport Name | Direct GA Visitor Output | Multiplier Output | Total GA Visitor Output |
|---|--------------------------|---------------------|-------------------------|
| Louis Armstrong New Orleans International | \$3,359,000 | \$2,221,000 | \$5,580,000 |
| Other Commercial Service Airports | \$22,571,000 | \$14,929,000 | \$37,500,000 |
| General Aviation Airports | \$88,068,000 | \$58,247,000 | \$146,315,000 |
| Total GA Visitor Output | \$113,998,000 | \$75,397,000 | \$189,395,000 |

Source: CDM Smith and IMPLAN.

4.3.15 Total Annual Output

The total combined annual output related to on-airport activities, CIP, and commercial service and general aviation visitor spending is presented in **Table 4-15**. Direct annual output measures nearly \$5.6 billion. Multiplier output impacts are estimated at approximately \$3.7 billion annually. Combined direct and multiplier output from on-airport activities, CIP and aviation visitors produce a total annual output of more than \$9.3 billion for Louisiana's economy.

Table 4-15: Louisiana Airports Total Annual Output

| Airport Name | Total Direct Output | Total Multiplier Output | Total Output |
|---|------------------------|-------------------------|------------------------|
| Louis Armstrong New Orleans International | \$3,599,366,000 | \$2,375,230,000 | \$5,974,596,000 |
| Other Commercial Service Airports | \$1,240,536,000 | \$849,405,000 | \$2,089,941,000 |
| General Aviation Airports | \$746,022,000 | \$507,211,000 | \$1,253,233,000 |
| Total Output | \$5,585,924,000 | \$3,731,846,000 | \$9,317,770,000 |

Source: CDM Smith and IMPLAN.

4.4 Revenue from Passenger Facility Charges

Commercial airports generate significant economic benefits from the visitors that pass through their terminals, as has been explained in prior sections of this report. These airports also gain revenues from local passengers thanks to the passenger facility charges (PFC) they pay when using the airport.

Congress authorized the PFC program in 1992 to help commercial airports fund certain capital projects through user fees. The PFC is imposed on each flight segment of a traveler's ticket, collected by the airline, and remitted to the airport less an administrative fee. Initially, the PFC was capped at \$3 per flight segment. However, this cap was raised to \$4.50 in 2001, with an overall trip limit of \$18 per passenger. Those caps have remained in place since.

The vast majority of commercial airports in the U.S. impose a PFC to help fund various airport capital projects, which must be approved by the FAA. All seven Louisiana airports collect a PFC at the \$4.50 rate.

Table 4-16 provides an estimate of the revenue generated at each airport through its PFC based on 2018 enplanements. Through PFCs, Louisiana passengers generate more than \$34 million for capital improvements at the commercial airports in the state.

Table 4-16: Estimated PFC Revenue Generated at Louisiana Airports

| Associated City | Airport | 2018 Enplanements | Estimated 2018 PFC Revenue |
|-----------------|--|-------------------|----------------------------|
| Alexandria | England Airpark/Alexandria International Airpark | 143,211 | \$630,000 |
| Baton Rouge | Baton Rouge Metropolitan, Ryan Field | 390,908 | \$1,720,000 |
| Lafayette | Lafayette Regional | 223,757 | \$980,000 |
| Lake Charles | Lake Charles Regional | 58,122 | \$260,000 |
| Monroe | Monroe Regional | 107,107 | \$470,000 |
| New Orleans | Louis Armstrong New Orleans International | 6,583,031 | \$28,900,000 |
| Shreveport | Shreveport Regional | 314,488 | \$1,380,000 |
| Total | | 7,820,624 | \$34,340,000 |

Source: CDM Smith and FAA.

Because not all enplanements are charged the PFC, these numbers are estimates. For example, passengers with a ticket earned through frequent flyer miles do not pay a PFC. This estimate does account for the \$0.11 per PFC that the airline is allowed to keep to cover its administrative costs.

While these PFC revenues are not included in the total economic impacts calculated in this study, they offer another insight into how Louisiana's airports are massive economic engines for the state.

Section 5

Qualitative Benefits

The preceding sections of this economic impact study have illustrated the vast economic benefits of Louisiana’s system of 68 public-use airports. Such economic benefits are easy to quantify. However, beyond quantitative benefits, airports also add to the quality of life in their communities and regions in a manner for which a number or dollar amount is not so easily assigned.

Such qualitative benefits typically enhance the health, welfare, or safety of individuals in the airport’s market area. The activities contributing to the qualitative benefits vary throughout the airport system, yet each airport contributes in some way to the quality of life of residents of Louisiana. Some examples of the qualitative benefits of aviation at Louisiana system airports include:

- Facilitating emergency medical transport
- Providing support for law enforcement
- Conducting search and rescue operations
- Supporting the U.S. military and other government organizations
- Assisting with prisoner transport
- Supporting statewide agricultural activities
- Providing entertainment opportunities (e.g., museums, air shows)
- Hosting school field trips and other educational events
- Serving as a staging area for community events

Airports throughout Louisiana provide these and other qualitative benefits. For example, Chennault International Airport holds its annual Chennault International Airshow that features military and civilian acts, along with static aircraft displays and family entertainment. Lake Charles Regional Airport is home to a Metro Ambulance Service base that provides valuable life-saving services to southwestern Louisiana, while Acadian Ambulance Service operates at several airports.

What is most notable about these and other examples is that no matter how large or small the contributions, all airports contribute in some way to the quality of life of Louisiana residents.

Section 6

Economic Impact Summary

Louisiana’s system of 68 public-use airports is a crucial element of the statewide economy. This study examined the economic contributions of these facilities in terms of employment, payroll, and economic output. Such economic impacts are generated by on-airport operations and businesses, CIP expenditures, spending by Louisiana visitors arriving via aviation, and the multiplier effect caused as direct impacts are recirculated within the state’s economy. Key findings of the study include the following:

- Louisiana’s airports generated over \$9.3 billion in total economic output in 2018.
- The airports supported over 84,000 Louisiana jobs either directly or indirectly with a total payroll of over \$2.6 billion.
- Over 5 million visitors traveled to Louisiana via the state’s airports in 2018. Most of these – over 4.1 million – arrived via Louis Armstrong New Orleans International. Total visitor-related impacts accounted for over \$3.1 billion in economic output in 2018.
- CIP impacts accounted for over \$600 million in total economic output. More than half of this is attributable to New Orleans International.

Table 6-1 summarizes all economic findings of the findings of this study.

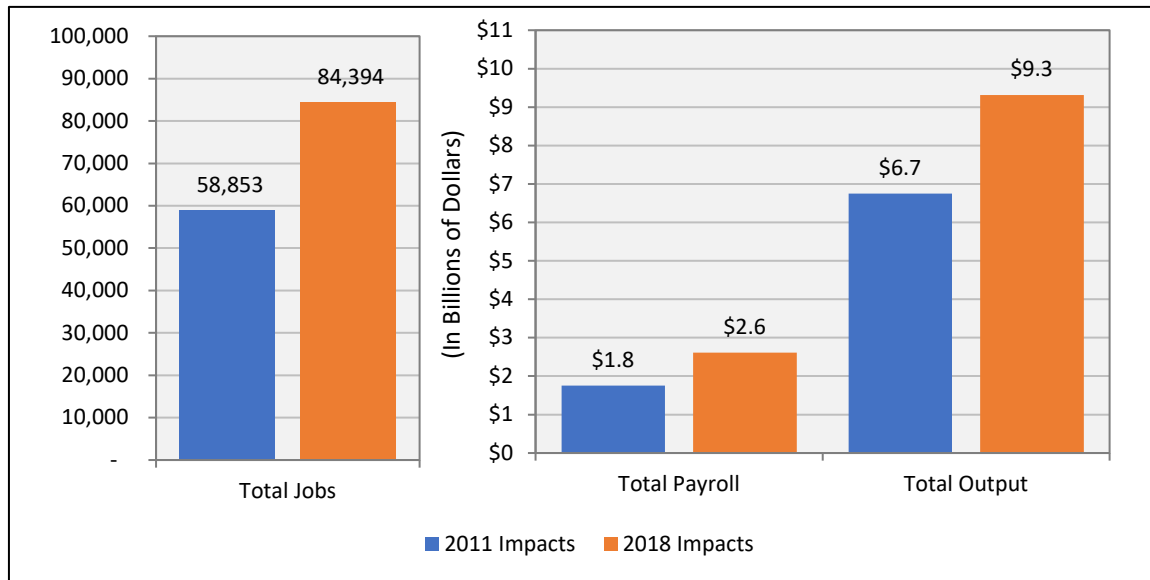
Table 6-1: Economic Impact Summary for Airports in Louisiana

| Economic Impact by Airports | Direct On-Airport Impacts | Direct CIP Impacts | Direct Visitor-Related Impacts | Multiplier Impacts | Total Impacts |
|---|---------------------------|----------------------|--------------------------------|------------------------|------------------------|
| Employment | | | | | |
| Louis Armstrong New Orleans International | 2,325 | 2,123 | 31,974 | 22,804 | 59,226 |
| Other Commercial Service Airports | 3,231 | 1,166 | 2,394 | 6,993 | 13,784 |
| General Aviation Airports | 3,347 | 542 | 1,488 | 6,007 | 11,384 |
| Total Employment | 8,903 | 3,831 | 35,856 | 35,804 | 84,394 |
| Payroll | | | | | |
| Louis Armstrong New Orleans International | \$108,793,000 | \$83,572,000 | \$722,762,000 | \$733,386,000 | \$1,648,513,000 |
| Other Commercial Service Airports | \$188,506,000 | \$45,722,000 | \$54,057,000 | \$265,002,000 | \$553,287,000 |
| General Aviation Airports | \$165,240,000 | \$19,967,000 | \$32,928,000 | \$193,134,000 | \$411,269,000 |
| Total Payroll | \$462,539,000 | \$149,261,000 | \$809,747,000 | \$1,191,522,000 | \$2,613,069,000 |
| Output | | | | | |
| Louis Armstrong New Orleans International | \$423,975,000 | \$338,476,000 | \$2,836,915,000 | \$2,375,230,000 | \$5,974,596,000 |
| Other Commercial Service Airports | \$853,696,000 | \$185,174,000 | \$201,666,000 | \$849,405,000 | \$2,089,941,000 |
| General Aviation Airports | \$577,097,000 | \$80,857,000 | \$88,068,000 | \$507,211,000 | \$1,253,233,000 |
| Total Output | \$1,854,768,000 | \$604,507,000 | \$3,126,649,000 | \$3,731,846,000 | \$9,317,770,000 |

Source: CDM Smith and IMPLAN.

The economic impacts of Louisiana’s airports have grown substantially since the previous analysis in 2011, as shown in **Figure 2-1**. Total employment grew from just under 60,000 total jobs to over 84,000, a 43 percent increase; payroll increased from \$1.8 billion to over \$2.6 billion, a 49 percent increase; and total economic output grew from \$6.7 billion to over \$9.3 billion, a total increase of 38 percent. Such significant growth reemphasizes the importance of airports to the long-term viability of Louisiana’s statewide economy.

Figure 6-1: Economic Impact Growth at Airports in Louisiana, 2011 to 2018



Source: CDM Smith and IMPLAN.

These are the impacts associated with traditional economic impact modeling. In addition to these quantifiable benefits, there are numerous quality-of-life benefits provided by Louisiana’s airports. Such activities include medical and other emergency operations, skydiving activities, and events such as airshows.

Louisiana’s system of public airports is therefore crucially important to the state in ways both quantifiable and qualitative. Airports support vital transportation services for all citizens in Louisiana. Residents and businesses benefit when they use the air transportation system directly or benefit indirectly through the delivery of packages and goods, visits from family and friends, or an improved quality of life. This economic impact analysis illustrated the magnitude of the economic impact that Louisiana receives from its network of airports. In addition to economic benefits, airports provide communities with links to the national air transportation system while providing many health, welfare, and safety services to residents, businesses, and visitors alike.

Appendix A

Detailed Economic Impact Tables

Table A-1: Estimates of General Aviation Itinerant Arrivals to Louisiana Airports

| Associated City | Airport | Total GA Operations | GA Itinerant Percent | GA Itinerant Operations | True Transient Percent | GA True Transient Operations |
|--|--|---------------------|----------------------|-------------------------|------------------------|------------------------------|
| Commercial Service Airports | | | | | | |
| Alexandria | England Airpark/Alexandria International Airpark | 19,593 | 18% | 3,483 | 33% | 1,149 |
| Baton Rouge | Baton Rouge Metropolitan, Ryan Field | 42,401 | 71% | 29,987 | 33% | 9,896 |
| Lafayette | Lafayette Regional | 34,063 | 47% | 16,039 | 33% | 5,293 |
| Lake Charles | Lake Charles Regional | 25,957 | 39% | 10,180 | 33% | 3,359 |
| Monroe | Monroe Regional | 23,153 | 58% | 13,391 | 33% | 4,419 |
| New Orleans | Louis Armstrong New Orleans International | 18,479 | 59% | 10,986 | 33% | 3,625 |
| Shreveport | Shreveport Regional | 28,510 | 47% | 13,440 | 33% | 4,435 |
| Commercial Service Airports Total | | 192,156 | 51% | 97,506 | 33% | 32,177 |
| General Aviation Airports | | | | | | |
| Abbeville | Abbeville Chris Crusta Memorial | 91,520 | 19% | 17,312 | 33% | 5,713 |
| Alexandria | Esler Regional | 6,725 | 79% | 5,300 | 33% | 1,749 |
| Arcadia | Arcadia-Bienville Parish | 8,400 | 38% | 3,200 | 33% | 1,056 |
| Bastrop | Morehouse Memorial | 30,000 | 33% | 10,000 | 33% | 3,300 |
| Bogalusa | George R. Carr Memorial Air Field | 24,000 | 33% | 8,000 | 33% | 2,640 |
| Bunkie | Bunkie Municipal | 6,500 | 31% | 2,000 | 33% | 660 |
| Columbia | Columbia | 13,750 | 27% | 3,750 | 33% | 1,238 |
| Coushatta | The Red River | 5,500 | 27% | 1,500 | 33% | 495 |
| Covington | St. Tammany Regional | 25,500 | 39% | 10,000 | 33% | 3,300 |
| Crowley | Le Gros Memorial | 9,000 | 22% | 2,000 | 33% | 660 |
| De Quincy | De Quincy Industrial Airpark | 8,600 | 30% | 2,600 | 33% | 858 |
| De Ridder | Beauregard Regional | 13,400 | 46% | 6,200 | 33% | 2,046 |
| Delhi | Delhi Municipal | 8,000 | 50% | 4,000 | 33% | 1,320 |
| Eunice | Eunice | 15,000 | 33% | 5,000 | 33% | 1,650 |
| Farmerville | Union Parish | 15,500 | 23% | 3,500 | 33% | 1,155 |
| Franklinton | Franklinton | 14,000 | 39% | 5,500 | 33% | 1,815 |
| Galliano | South Lafourche Leonard Miller Jr. | 29,000 | 17% | 5,010 | 33% | 1,653 |
| Gonzales | Louisiana Regional | 70,000 | 29% | 20,000 | 33% | 6,600 |
| Hammond | Hammond Northshore Regional | 81,500 | 43% | 35,000 | 33% | 11,550 |
| Homer | Homer Municipal | 1,710 | 44% | 750 | 33% | 248 |
| Houma | Houma-Terrebonne | 81,991 | 5% | 3,793 | 33% | 1,252 |
| Jeanerette | Le Maire Memorial | 13,500 | 41% | 5,500 | 33% | 1,815 |

| Associated City | Airport | Total GA Operations | GA Itinerant Percent | GA Itinerant Operations | True Transient Percent | GA True Transient Operations |
|--|--|---------------------|----------------------|-------------------------|------------------------|------------------------------|
| Jena | Jena | 15,000 | 33% | 5,000 | 33% | 1,650 |
| Jennings | Jennings | 50,480 | 32% | 16,000 | 33% | 5,280 |
| Jonesboro | Jonesboro | 6,000 | 67% | 4,000 | 33% | 1,320 |
| Jonesville | Jonesville | 55,000 | 18% | 10,000 | 33% | 3,300 |
| Lake Charles | Chennault International | 6,375 | 69% | 4,371 | 33% | 1,442 |
| Lake Providence | Byerley | 7,000 | 29% | 2,000 | 33% | 660 |
| Leesville | Leesville | 13,000 | 23% | 3,000 | 33% | 990 |
| Mansfield | C.E. "Rusty" Williams | 9,500 | 53% | 5,000 | 33% | 1,650 |
| Many | Hart | 5,000 | 60% | 3,000 | 33% | 990 |
| Marksville | Marksville Municipal | 10,300 | 21% | 2,200 | 33% | 726 |
| Minden | Minden | 4,952 | 46% | 2,263 | 33% | 747 |
| Natchitoches | Natchitoches Regional | 10,825 | 53% | 5,775 | 33% | 1,906 |
| New Iberia | Acadiana Regional | 61,200 | 17% | 10,620 | 33% | 3,505 |
| New Orleans | Lakefront | 58,853 | 55% | 32,297 | 33% | 10,658 |
| New Roads | False River Regional | 75,750 | 21% | 15,750 | 33% | 5,198 |
| Oak Grove | Kelly | 10,000 | 50% | 5,000 | 33% | 1,650 |
| Oakdale | Allen Parish | 12,600 | 28% | 3,500 | 33% | 1,155 |
| Olla | Olla | 3,700 | 32% | 1,200 | 33% | 396 |
| Opelousas | St. Landry Parish-Ahart Field | 24,000 | 38% | 9,000 | 33% | 2,970 |
| Patterson | Harry P. Williams Memorial | 45,000 | 51% | 23,000 | 33% | 7,590 |
| Pineville | Pineville Municipal | 25,000 | 40% | 10,000 | 33% | 3,300 |
| Pollock | Pollock Municipal | 1,250 | 20% | 250 | 33% | 83 |
| Rayville | John H. Hooks Jr. Memorial | 18,000 | 33% | 6,000 | 33% | 1,980 |
| Reserve | Port of South Louisiana Executive Regional | 20,800 | 19% | 4,000 | 33% | 1,320 |
| Ruston | Ruston Regional | 86,200 | 7% | 6,200 | 33% | 2,046 |
| Shreveport | Shreveport Downtown | 55,273 | 47% | 26,114 | 33% | 8,618 |
| Slidell | Slidell | 108,000 | 28% | 30,000 | 33% | 9,900 |
| Springhill | Springhill | 6,250 | 40% | 2,500 | 33% | 825 |
| St. Joseph | Tensas Parish | 15,000 | 20% | 3,000 | 33% | 990 |
| Sulphur | Southland Field | 21,350 | 43% | 9,100 | 33% | 3,003 |
| Tallulah | Scott | 30,000 | 20% | 6,000 | 33% | 1,980 |
| Tallulah/Vicksburg, MS | Vicksburg Tallulah Regional | 14,500 | 76% | 11,000 | 33% | 3,630 |
| Thibodaux | Thibodaux Municipal | 6,500 | 46% | 3,000 | 33% | 990 |
| Vidalia | Concordia Parish | 10,000 | 35% | 3,500 | 33% | 1,155 |
| Vivian | Vivian | 11,000 | 73% | 8,000 | 33% | 2,640 |
| Welsh | Welsh | 15,000 | 33% | 5,000 | 33% | 1,650 |
| Winnfield | David G. Joyce | 4,500 | 56% | 2,500 | 33% | 825 |
| Winnsboro | Winnsboro Municipal | 25,000 | 20% | 5,000 | 33% | 1,650 |
| Woodworth | Woodworth | 18,000 | 44% | 8,000 | 33% | 2,640 |
| General Aviation Airports Total | | 1,549,254 | 30% | 472,055 | 33% | 155,778 |
| All Airports Total | | 1,741,410 | 33% | 569,561 | 33% | 187,955 |

Source: CDM Smith and IMPLAN.

Table A-2: Estimates of General Aviation Visitors to Louisiana Airports

| Associated City | Airport | GA True Transient Operations | GA True Transient Arrivals | Visitors per Arrival | Estimated GA Visitors |
|--|--|------------------------------|----------------------------|----------------------|-----------------------|
| Commercial Service Airports | | | | | |
| Alexandria | England Airpark/Alexandria International Airpark | 1,149 | 575 | 3.4 | 1,954 |
| Baton Rouge | Baton Rouge Metropolitan, Ryan Field | 9,896 | 4,948 | 3.4 | 16,823 |
| Lafayette | Lafayette Regional | 5,293 | 2,646 | 3.4 | 8,998 |
| Lake Charles | Lake Charles Regional | 3,359 | 1,680 | 3.4 | 5,711 |
| Monroe | Monroe Regional | 4,419 | 2,210 | 3.4 | 7,512 |
| New Orleans | Louis Armstrong New Orleans International | 3,625 | 1,813 | 3.4 | 6,163 |
| Shreveport | Shreveport Regional | 4,435 | 2,218 | 3.4 | 7,540 |
| Commercial Service Airports Total | | 32,177 | 16,088 | 3.4 | 54,701 |
| General Aviation Airports | | | | | |
| Abbeville | Abbeville Chris Crusta Memorial | 5,713 | 2,856 | 3.4 | 9,712 |
| Alexandria | Esler Regional | 1,749 | 875 | 2.6 | 2,274 |
| Arcadia | Arcadia-Bienville Parish | 1,056 | 528 | 2.6 | 1,373 |
| Bastrop | Morehouse Memorial | 3,300 | 1,650 | 3.4 | 5,610 |
| Bogalusa | George R. Carr Memorial Air Field | 2,640 | 1,320 | 3.4 | 4,488 |
| Bunkie | Bunkie Municipal | 660 | 330 | 2.6 | 858 |
| Columbia | Columbia | 1,238 | 619 | 3.4 | 2,104 |
| Coushatta | The Red River | 495 | 248 | 2.6 | 644 |
| Covington | St. Tammany Regional | 3,300 | 1,650 | 3.4 | 5,610 |
| Crowley | Le Gros Memorial | 660 | 330 | 2.6 | 858 |
| De Quincy | De Quincy Industrial Airpark | 858 | 429 | 2.6 | 1,115 |
| De Ridder | Beauregard Regional | 2,046 | 1,023 | 3.4 | 3,478 |
| Delhi | Delhi Municipal | 1,320 | 660 | 2.6 | 1,716 |
| Eunice | Eunice | 1,650 | 825 | 3.4 | 2,805 |
| Farmerville | Union Parish | 1,155 | 578 | 3.4 | 1,964 |
| Franklinton | Franklinton | 1,815 | 908 | 3.4 | 3,086 |
| Galliano | South Lafourche Leonard Miller Jr. | 1,653 | 827 | 3.4 | 2,811 |
| Gonzales | Louisiana Regional | 6,600 | 3,300 | 3.4 | 11,220 |
| Hammond | Hammond Northshore Regional | 11,550 | 5,775 | 3.4 | 19,635 |
| Homer | Homer Municipal | 248 | 124 | 2.6 | 322 |
| Houma | Houma-Terrebonne | 1,252 | 626 | 3.4 | 2,128 |
| Jeanerette | Le Maire Memorial | 1,815 | 908 | 3.4 | 3,086 |
| Jena | Jena | 1,650 | 825 | 3.4 | 2,805 |
| Jennings | Jennings | 5,280 | 2,640 | 3.4 | 8,976 |
| Jonesboro | Jonesboro | 1,320 | 660 | 2.6 | 1,716 |
| Jonesville | Jonesville | 3,300 | 1,650 | 3.4 | 5,610 |
| Lake Charles | Chennault International | 1,442 | 721 | 2.6 | 1,875 |
| Lake Providence | Byerley | 660 | 330 | 2.6 | 858 |
| Leesville | Leesville | 990 | 495 | 3.4 | 1,683 |
| Mansfield | C.E. "Rusty" Williams | 1,650 | 825 | 2.6 | 2,145 |
| Many | Hart | 990 | 495 | 2.6 | 1,287 |
| Marksville | Marksville Municipal | 726 | 363 | 2.6 | 944 |

| Associated City | Airport | GA True Transient Operations | GA True Transient Arrivals | Visitors per Arrival | Estimated GA Visitors |
|--|--|------------------------------|----------------------------|----------------------|-----------------------|
| Minden | Minden | 747 | 373 | 2.6 | 971 |
| Natchitoches | Natchitoches Regional | 1,906 | 953 | 2.6 | 2,477 |
| New Iberia | Acadiana Regional | 3,505 | 1,752 | 3.4 | 5,958 |
| New Orleans | Lakefront | 10,658 | 5,329 | 3.4 | 18,119 |
| New Roads | False River Regional | 5,198 | 2,599 | 3.4 | 8,836 |
| Oak Grove | Kelly | 1,650 | 825 | 2.6 | 2,145 |
| Oakdale | Allen Parish | 1,155 | 578 | 3.4 | 1,964 |
| Olla | Olla | 396 | 198 | 2.6 | 515 |
| Opelousas | St. Landry Parish-Ahart Field | 2,970 | 1,485 | 3.4 | 5,049 |
| Patterson | Harry P. Williams Memorial | 7,590 | 3,795 | 3.4 | 12,903 |
| Pineville | Pineville Municipal | 3,300 | 1,650 | 3.4 | 5,610 |
| Pollock | Pollock Municipal | 83 | 41 | 2.6 | 107 |
| Rayville | John H. Hooks Jr. Memorial | 1,980 | 990 | 3.4 | 3,366 |
| Reserve | Port of South Louisiana Executive Regional | 1,320 | 660 | 3.4 | 2,244 |
| Ruston | Ruston Regional | 2,046 | 1,023 | 3.4 | 3,478 |
| Shreveport | Shreveport Downtown | 8,618 | 4,309 | 3.4 | 14,650 |
| Slidell | Slidell | 9,900 | 4,950 | 3.4 | 16,830 |
| Springhill | Springhill | 825 | 413 | 2.6 | 1,073 |
| St. Joseph | Tensas Parish | 990 | 495 | 3.4 | 1,683 |
| Sulphur | Southland Field | 3,003 | 1,502 | 3.4 | 5,105 |
| Tallulah | Scott | 1,980 | 990 | 3.4 | 3,366 |
| Tallulah/Vicksburg, MS | Vicksburg Tallulah Regional | 3,630 | 1,815 | 3.4 | 6,171 |
| Thibodaux | Thibodaux Municipal | 990 | 495 | 2.6 | 1,287 |
| Vidalia | Concordia Parish | 1,155 | 578 | 2.6 | 1,502 |
| Vivian | Vivian | 2,640 | 1,320 | 2.6 | 3,432 |
| Welsh | Welsh | 1,650 | 825 | 3.4 | 2,805 |
| Winnfield | David G. Joyce | 825 | 413 | 2.6 | 1,073 |
| Winnsboro | Winnsboro Municipal | 1,650 | 825 | 3.4 | 2,805 |
| Woodworth | Woodworth | 2,640 | 1,320 | 3.4 | 4,488 |
| General Aviation Airports Total | | 155,778 | 77,889 | 3.3 | 254,803 |
| All Airports Total | | 187,955 | 93,978 | 3.3 | 309,504 |

Source: CDM Smith and IMPLAN.

Table A-3: Estimates of General Aviation Visitor Expenditures at Louisiana Airports

| Associated City | Airport | Estimated GA Visitors | Avg. Visitor Spending per Trip | Annual GA Visitor Expenditures (Output) |
|--|--|-----------------------|--------------------------------|---|
| Commercial Service Airports | | | | |
| Alexandria | England Airpark/Alexandria International Airpark | 1,954 | \$135 | \$264,000 |
| Baton Rouge | Baton Rouge Metropolitan, Ryan Field | 16,823 | \$545 | \$9,168,000 |
| Lafayette | Lafayette Regional | 8,998 | \$545 | \$4,904,000 |
| Lake Charles | Lake Charles Regional | 5,711 | \$545 | \$3,112,000 |
| Monroe | Monroe Regional | 7,512 | \$135 | \$1,014,000 |
| New Orleans | Louis Armstrong New Orleans International | 6,163 | \$545 | \$3,359,000 |
| Shreveport | Shreveport Regional | 7,540 | \$545 | \$4,109,000 |
| Commercial Service Airports Total | | 54,701 | \$474 | \$25,930,000 |
| General Aviation Airports | | | | |
| Abbeville | Abbeville Chris Crusta Memorial | 9,712 | \$545 | \$5,293,000 |
| Alexandria | Esler Regional | 2,274 | \$120 | \$273,000 |
| Arcadia | Arcadia-Bienville Parish | 1,373 | \$120 | \$165,000 |
| Bastrop | Morehouse Memorial | 5,610 | \$135 | \$757,000 |
| Bogalusa | George R. Carr Memorial Air Field | 4,488 | \$135 | \$606,000 |
| Bunkie | Bunkie Municipal | 858 | \$120 | \$103,000 |
| Columbia | Columbia | 2,104 | \$135 | \$284,000 |
| Coushatta | The Red River | 644 | \$120 | \$77,000 |
| Covington | St. Tammany Regional | 5,610 | \$135 | \$757,000 |
| Crowley | Le Gros Memorial | 858 | \$120 | \$103,000 |
| De Quincy | De Quincy Industrial Airpark | 1,115 | \$120 | \$134,000 |
| De Ridder | Beauregard Regional | 3,478 | \$135 | \$470,000 |
| Delhi | Delhi Municipal | 1,716 | \$120 | \$206,000 |
| Eunice | Eunice | 2,805 | \$135 | \$379,000 |
| Farmerville | Union Parish | 1,964 | \$135 | \$265,000 |
| Franklinton | Franklinton | 3,086 | \$135 | \$417,000 |
| Galliano | South Lafourche Leonard Miller Jr. | 2,811 | \$135 | \$379,000 |
| Gonzales | Louisiana Regional | 11,220 | \$545 | \$6,115,000 |
| Hammond | Hammond Northshore Regional | 19,635 | \$545 | \$10,701,000 |
| Homer | Homer Municipal | 322 | \$120 | \$39,000 |
| Houma | Houma-Terrebonne | 2,128 | \$545 | \$1,160,000 |
| Jeanerette | Le Maire Memorial | 3,086 | \$135 | \$417,000 |
| Jena | Jena | 2,805 | \$135 | \$379,000 |
| Jennings | Jennings | 8,976 | \$545 | \$4,892,000 |
| Jonesboro | Jonesboro | 1,716 | \$120 | \$206,000 |
| Jonesville | Jonesville | 5,610 | \$545 | \$3,057,000 |
| Lake Charles | Chennault International | 1,875 | \$120 | \$225,000 |
| Lake Providence | Byerley | 858 | \$120 | \$103,000 |
| Leesville | Leesville | 1,683 | \$135 | \$227,000 |
| Mansfield | C.E. "Rusty" Williams | 2,145 | \$120 | \$257,000 |
| Many | Hart | 1,287 | \$120 | \$154,000 |

| Associated City | Airport | Estimated GA Visitors | Avg. Visitor Spending per Trip | Annual GA Visitor Expenditures (Output) |
|--|--|-----------------------|--------------------------------|---|
| Marksville | Marksville Municipal | 944 | \$120 | \$113,000 |
| Minden | Minden | 971 | \$120 | \$116,000 |
| Natchitoches | Natchitoches Regional | 2,477 | \$120 | \$297,000 |
| New Iberia | Acadiana Regional | 5,958 | \$135 | \$804,000 |
| New Orleans | Lakefront | 18,119 | \$545 | \$9,875,000 |
| New Roads | False River Regional | 8,836 | \$545 | \$4,815,000 |
| Oak Grove | Kelly | 2,145 | \$120 | \$257,000 |
| Oakdale | Allen Parish | 1,964 | \$135 | \$265,000 |
| Olla | Olla | 515 | \$120 | \$62,000 |
| Opelousas | St. Landry Parish-Ahart Field | 5,049 | \$135 | \$682,000 |
| Patterson | Harry P. Williams Memorial | 12,903 | \$545 | \$7,032,000 |
| Pineville | Pineville Municipal | 5,610 | \$135 | \$757,000 |
| Pollock | Pollock Municipal | 107 | \$120 | \$13,000 |
| Rayville | John H. Hooks Jr. Memorial | 3,366 | \$135 | \$454,000 |
| Reserve | Port of South Louisiana Executive Regional | 2,244 | \$135 | \$303,000 |
| Ruston | Ruston Regional | 3,478 | \$545 | \$1,896,000 |
| Shreveport | Shreveport Downtown | 14,650 | \$545 | \$7,984,000 |
| Slidell | Slidell | 16,830 | \$545 | \$9,172,000 |
| Springhill | Springhill | 1,073 | \$120 | \$129,000 |
| St. Joseph | Tensas Parish | 1,683 | \$135 | \$227,000 |
| Sulphur | Southland Field | 5,105 | \$135 | \$689,000 |
| Tallulah | Scott | 3,366 | \$135 | \$454,000 |
| Tallulah/Vicksburg, MS | Vicksburg Tallulah Regional | 6,171 | \$135 | \$833,000 |
| Thibodaux | Thibodaux Municipal | 1,287 | \$120 | \$154,000 |
| Vidalia | Concordia Parish | 1,502 | \$120 | \$180,000 |
| Vivian | Vivian | 3,432 | \$120 | \$412,000 |
| Welsh | Welsh | 2,805 | \$135 | \$379,000 |
| Winnfield | David G. Joyce | 1,073 | \$120 | \$129,000 |
| Winnsboro | Winnsboro Municipal | 2,805 | \$135 | \$379,000 |
| Woodworth | Woodworth | 4,488 | \$135 | \$606,000 |
| General Aviation Airports Total | | 254,803 | \$346 | \$88,068,000 |
| All Airports Total | | 309,504 | \$368 | \$113,998,000 |

Source: CDM Smith and IMPLAN.

Table A-4: Estimates of Commercial Service Visitors to Louisiana Airports

| Associated City | Airport | 2018 Enplanements | Percent Visitors | Visitors |
|--|--|-------------------|------------------|------------------|
| Commercial Service Airports | | | | |
| Alexandria | England Airpark/Alexandria International Airpark | 143,211 | 48.4% | 69,314 |
| Baton Rouge | Baton Rouge Metropolitan, Ryan Field | 390,908 | 47.7% | 186,463 |
| Lafayette | Lafayette Regional | 223,757 | 42.7% | 95,544 |
| Lake Charles | Lake Charles Regional | 58,122 | 41.3% | 24,004 |
| Monroe | Monroe Regional | 107,107 | 44.9% | 48,091 |
| New Orleans | Louis Armstrong New Orleans International | 6,583,031 | 63.2% | 4,160,476 |
| Shreveport | Shreveport Regional | 314,488 | 44.6% | 140,262 |
| Commercial Service Airports Total | | 7,820,624 | 60.4% | 4,724,154 |

Source: CDM Smith and IMPLAN.

Table A-5: Estimates of Commercial Service Visitor Expenditures at Louisiana Airports

| Associated City | Airport | Visitors | Spending per Traveler | Visitor Expenditures |
|--|--|------------------|-----------------------|------------------------|
| Commercial Service Airports | | | | |
| Alexandria | England Airpark/Alexandria International Airpark | 69,314 | \$215 | \$14,905,000 |
| Baton Rouge | Baton Rouge Metropolitan, Ryan Field | 186,463 | \$320 | \$59,621,000 |
| Lafayette | Lafayette Regional | 95,544 | \$323 | \$30,856,000 |
| Lake Charles | Lake Charles Regional | 24,004 | \$380 | \$9,115,000 |
| Monroe | Monroe Regional | 48,091 | \$320 | \$15,377,000 |
| New Orleans | Louis Armstrong New Orleans International | 4,160,476 | \$681 | \$2,833,556,000 |
| Shreveport | Shreveport Regional | 140,262 | \$351 | \$49,221,000 |
| Commercial Service Airports Total | | 4,724,154 | \$638 | \$3,012,651,000 |

Source: CDM Smith and IMPLAN.

Table A-6: On-Airport Employment from Louisiana Airports

| Associated City | Airport Name | Direct On-Airport Employment | Multiplier Employment | Total On-Airport Employment |
|--|--|------------------------------|-----------------------|-----------------------------|
| Commercial Service Airports | | | | |
| Alexandria | England Airpark/Alexandria International Airpark | 435 | 676 | 1,111 |
| Baton Rouge | Baton Rouge Metropolitan, Ryan Field | 643 | 820 | 1,463 |
| Lafayette | Lafayette Regional | 829 | 1,114 | 1,943 |
| Lake Charles | Lake Charles Regional | 689 | 964 | 1,653 |
| Monroe | Monroe Regional | 144 | 202 | 346 |
| New Orleans | Louis Armstrong New Orleans International | 2,325 | 2,635 | 4,960 |
| Shreveport | Shreveport Regional | 491 | 687 | 1,178 |
| Commercial Service Airports Total | | 5,556 | 7,098 | 12,654 |
| General Aviation Airports | | | | |
| Abbeville | Abbeville Chris Crusta Memorial | 7 | 11 | 18 |
| Alexandria | Esler Regional | 117 | 217 | 334 |
| Arcadia | Arcadia-Bienville Parish | 1 | 1 | 2 |
| Bastrop | Morehouse Memorial | 4 | 6 | 10 |
| Bogalusa | George R. Carr Memorial Air Field | 3 | 4 | 7 |
| Bunkie | Bunkie Municipal | 5 | 10 | 15 |
| Columbia | Columbia | 1 | 1 | 2 |
| Coushatta | The Red River | 3 | 5 | 8 |
| Covington | St. Tammany Regional | 6 | 8 | 14 |
| Crowley | Le Gros Memorial | 24 | 32 | 56 |
| De Quincy | De Quincy Industrial Airpark | 1 | 1 | 2 |
| De Ridder | Beauregard Regional | 6 | 9 | 15 |
| Delhi | Delhi Municipal | 1 | 1 | 2 |
| Eunice | Eunice | 4 | 6 | 10 |
| Farmerville | Union Parish | 1 | 2 | 3 |
| Franklinton | Franklinton | 1 | 1 | 2 |
| Galliano | South Lafourche Leonard Miller Jr. | 210 | 290 | 500 |
| Gonzales | Louisiana Regional | 18 | 25 | 43 |
| Hammond | Hammond Northshore Regional | 522 | 912 | 1,434 |
| Homer | Homer Municipal | 1 | 2 | 3 |
| Houma | Houma-Terrebonne | 237 | 327 | 564 |
| Jeanerette | Le Maire Memorial | 2 | 3 | 5 |
| Jena | Jena | 1 | 1 | 2 |
| Jennings | Jennings | 16 | 24 | 40 |
| Jonesboro | Jonesboro | 1 | 1 | 2 |
| Jonesville | Jonesville | 7 | 10 | 17 |
| Lake Charles | Chennault International | 1,180 | 1,631 | 2,811 |
| Lake Providence | Byerley | 4 | 6 | 10 |
| Leesville | Leesville | 1 | 2 | 3 |
| Mansfield | C.E. "Rusty" Williams | 6 | 10 | 16 |
| Many | Hart | 1 | 1 | 2 |
| Marksville | Marksville Municipal | 1 | 1 | 2 |
| Minden | Minden | 4 | 8 | 12 |
| Natchitoches | Natchitoches Regional | 31 | 45 | 76 |
| New Iberia | Acadiana Regional | 432 | 594 | 1,026 |

| Associated City | Airport Name | Direct On-Airport Employment | Multiplier Employment | Total On-Airport Employment |
|--|--|------------------------------|-----------------------|-----------------------------|
| New Orleans | Lakefront | 129 | 196 | 325 |
| New Roads | False River Regional | 23 | 34 | 57 |
| Oak Grove | Kelly | 5 | 6 | 11 |
| Oakdale | Allen Parish | 13 | 18 | 31 |
| Olla | Olla | 2 | 4 | 6 |
| Opelousas | St. Landry Parish-Ahart Field | 6 | 10 | 16 |
| Patterson | Harry P. Williams Memorial | 70 | 96 | 166 |
| Pineville | Pineville Municipal | 9 | 12 | 21 |
| Pollock | Pollock Municipal | - | - | - |
| Rayville | John H. Hooks Jr. Memorial | 1 | 2 | 3 |
| Reserve | Port of South Louisiana Executive Regional | 7 | 11 | 18 |
| Ruston | Ruston Regional | 40 | 55 | 95 |
| Shreveport | Shreveport Downtown | 43 | 56 | 99 |
| Slidell | Slidell | 65 | 92 | 157 |
| Springhill | Springhill | - | - | - |
| St. Joseph | Tensas Parish | - | - | - |
| Sulphur | Southland Field | 31 | 46 | 77 |
| Tallulah | Scott | 2 | 4 | 6 |
| Tallulah/Vicksburg, MS | Vicksburg Tallulah Regional | 14 | 22 | 36 |
| Thibodaux | Thibodaux Municipal | 3 | 4 | 7 |
| Vidalia | Concordia Parish | 5 | 7 | 12 |
| Vivian | Vivian | 3 | 5 | 8 |
| Welsh | Welsh | 7 | 9 | 16 |
| Winnfield | David G. Joyce | - | - | - |
| Winnsboro | Winnsboro Municipal | 6 | 9 | 15 |
| Woodworth | Woodworth | 3 | 4 | 7 |
| General Aviation Airports Total | | 3,347 | 4,910 | 8,257 |
| All Airports Total | | 8,903 | 12,008 | 20,911 |

Source: CDM Smith and IMPLAN.

Table A-7: CIP Employment from Louisiana Airports

| Associated City | Airport Name | Direct CIP Employment | Multiplier Employment | Total CIP Employment |
|--|--|-----------------------|-----------------------|----------------------|
| Commercial Service Airports | | | | |
| Alexandria | England Airpark/Alexandria International Airpark | 453 | 489 | 942 |
| Baton Rouge | Baton Rouge Metropolitan, Ryan Field | 145 | 156 | 301 |
| Lafayette | Lafayette Regional | 440 | 475 | 915 |
| Lake Charles | Lake Charles Regional | 47 | 50 | 97 |
| Monroe | Monroe Regional | 26 | 27 | 53 |
| New Orleans | Louis Armstrong New Orleans International | 2,123 | 2,300 | 4,423 |
| Shreveport | Shreveport Regional | 55 | 59 | 114 |
| Commercial Service Airports Total | | 3,289 | 3,556 | 6,845 |
| General Aviation Airports | | | | |
| Abbeville | Abbeville Chris Crusta Memorial | 4 | 4 | 8 |
| Alexandria | Esler Regional | 6 | 7 | 13 |
| Arcadia | Arcadia-Bienville Parish | - | - | - |
| Bastrop | Morehouse Memorial | 3 | 2 | 5 |
| Bogalusa | George R. Carr Memorial Air Field | 14 | 14 | 28 |
| Bunkie | Bunkie Municipal | - | - | - |
| Columbia | Columbia | - | - | - |
| Coushatta | The Red River | 2 | 2 | 4 |
| Covington | St. Tammany Regional | 4 | 3 | 7 |
| Crowley | Le Gros Memorial | 3 | 2 | 5 |
| De Quincy | De Quincy Industrial Airpark | 6 | 5 | 11 |
| De Ridder | Beauregard Regional | 1 | - | 1 |
| Delhi | Delhi Municipal | - | - | - |
| Eunice | Eunice | 3 | 3 | 6 |
| Farmerville | Union Parish | 2 | 2 | 4 |
| Franklinton | Franklinton | 1 | - | 1 |
| Galliano | South Lafourche Leonard Miller Jr. | 10 | 10 | 20 |
| Gonzales | Louisiana Regional | 3 | 3 | 6 |
| Hammond | Hammond Northshore Regional | 57 | 62 | 119 |
| Homer | Homer Municipal | 2 | 2 | 4 |
| Houma | Houma-Terrebonne | 72 | 77 | 149 |
| Jeanerette | Le Maire Memorial | 3 | 2 | 5 |
| Jena | Jena | 2 | 1 | 3 |
| Jennings | Jennings | 4 | 3 | 7 |
| Jonesboro | Jonesboro | 2 | 1 | 3 |
| Jonesville | Jonesville | 3 | 2 | 5 |
| Lake Charles | Chennault International | 154 | 165 | 319 |
| Lake Providence | Byerley | 1 | - | 1 |
| Leesville | Leesville | 4 | 4 | 8 |
| Mansfield | C.E. "Rusty" Williams | 1 | 1 | 2 |
| Many | Hart | 2 | 1 | 3 |
| Marksville | Marksville Municipal | 2 | 1 | 3 |
| Minden | Minden | 10 | 10 | 20 |
| Natchitoches | Natchitoches Regional | 4 | 5 | 9 |
| New Iberia | Acadiana Regional | 33 | 36 | 69 |

| Associated City | Airport Name | Direct CIP Employment | Multiplier Employment | Total CIP Employment |
|--|--|-----------------------|-----------------------|----------------------|
| New Orleans | Lakefront | 22 | 23 | 45 |
| New Roads | False River Regional | 17 | 17 | 34 |
| Oak Grove | Kelly | 2 | 2 | 4 |
| Oakdale | Allen Parish | 9 | 9 | 18 |
| Olla | Olla | 4 | 4 | 8 |
| Opelousas | St. Landry Parish-Ahart Field | 6 | 6 | 12 |
| Patterson | Harry P. Williams Memorial | 5 | 4 | 9 |
| Pineville | Pineville Municipal | 1 | - | 1 |
| Pollock | Pollock Municipal | 1 | - | 1 |
| Rayville | John H. Hooks Jr. Memorial | 2 | 2 | 4 |
| Reserve | Port of South Louisiana Executive Regional | 3 | 2 | 5 |
| Ruston | Ruston Regional | 5 | 4 | 9 |
| Shreveport | Shreveport Downtown | 11 | 11 | 22 |
| Slidell | Slidell | 8 | 8 | 16 |
| Springhill | Springhill | 1 | 2 | 3 |
| St. Joseph | Tensas Parish | 1 | - | 1 |
| Sulphur | Southland Field | 9 | 9 | 18 |
| Tallulah | Scott | - | - | - |
| Tallulah/Vicksburg, MS | Vicksburg Tallulah Regional | 3 | 2 | 5 |
| Thibodaux | Thibodaux Municipal | 1 | - | 1 |
| Vidalia | Concordia Parish | 3 | 3 | 6 |
| Vivian | Vivian | 5 | 4 | 9 |
| Welsh | Welsh | 1 | - | 1 |
| Winnfield | David G. Joyce | 1 | - | 1 |
| Winnsboro | Winnsboro Municipal | 2 | 1 | 3 |
| Woodworth | Woodworth | 1 | 1 | 2 |
| General Aviation Airports Total | | 542 | 544 | 1,086 |
| All Airports Total | | 3,831 | 4,100 | 7,931 |

Source: CDM Smith and IMPLAN.

Table A-8: General Aviation Visitor Employment from Louisiana Airports

| Associated City | Airport Name | Direct GA Visitor-Related Employment | Multiplier Employment | Total GA Visitor-Related Employment |
|--|--|--------------------------------------|-----------------------|-------------------------------------|
| Commercial Service Airports | | | | |
| Alexandria | England Airpark/Alexandria International Airpark | 5 | 2 | 7 |
| Baton Rouge | Baton Rouge Metropolitan, Ryan Field | 152 | 58 | 210 |
| Lafayette | Lafayette Regional | 82 | 31 | 113 |
| Lake Charles | Lake Charles Regional | 52 | 20 | 72 |
| Monroe | Monroe Regional | 17 | 7 | 24 |
| New Orleans | Louis Armstrong New Orleans International | 56 | 21 | 77 |
| Shreveport | Shreveport Regional | 68 | 26 | 94 |
| Commercial Service Airports Total | | 432 | 165 | 597 |
| General Aviation Airports | | | | |
| Abbeville | Abbeville Chris Crusta Memorial | 88 | 33 | 121 |
| Alexandria | Esler Regional | 5 | 2 | 7 |
| Arcadia | Arcadia-Bienville Parish | 3 | 1 | 4 |
| Bastrop | Morehouse Memorial | 13 | 5 | 18 |
| Bogalusa | George R. Carr Memorial Air Field | 11 | 3 | 14 |
| Bunkie | Bunkie Municipal | 2 | 1 | 3 |
| Columbia | Columbia | 5 | 2 | 7 |
| Coushatta | The Red River | 2 | - | 2 |
| Covington | St. Tammany Regional | 13 | 5 | 18 |
| Crowley | Le Gros Memorial | 2 | 1 | 3 |
| De Quincy | De Quincy Industrial Airpark | 3 | 1 | 4 |
| De Ridder | Beauregard Regional | 8 | 3 | 11 |
| Delhi | Delhi Municipal | 4 | 1 | 5 |
| Eunice | Eunice | 7 | 2 | 9 |
| Farmerville | Union Parish | 5 | 2 | 7 |
| Franklinton | Franklinton | 7 | 3 | 10 |
| Galliano | South Lafourche Leonard Miller Jr. | 7 | 2 | 9 |
| Gonzales | Louisiana Regional | 102 | 38 | 140 |
| Hammond | Hammond Northshore Regional | 177 | 68 | 245 |
| Homer | Homer Municipal | 1 | - | 1 |
| Houma | Houma-Terrebonne | 20 | 7 | 27 |
| Jeanerette | Le Maire Memorial | 7 | 3 | 10 |
| Jena | Jena | 7 | 2 | 9 |
| Jennings | Jennings | 81 | 31 | 112 |
| Jonesboro | Jonesboro | 4 | 1 | 5 |
| Jonesville | Jonesville | 51 | 19 | 70 |
| Lake Charles | Chennault International | 4 | 2 | 6 |
| Lake Providence | Byerley | 2 | 1 | 3 |
| Leesville | Leesville | 4 | 2 | 6 |
| Mansfield | C.E. "Rusty" Williams | 5 | 1 | 6 |
| Many | Hart | 3 | 1 | 4 |
| Marksville | Marksville Municipal | 2 | 1 | 3 |
| Minden | Minden | 2 | 1 | 3 |

| Associated City | Airport Name | Direct GA Visitor-Related Employment | Multiplier Employment | Total GA Visitor-Related Employment |
|--|--|--------------------------------------|-----------------------|-------------------------------------|
| Natchitoches | Natchitoches Regional | 5 | 2 | 7 |
| New Iberia | Acadiana Regional | 14 | 5 | 19 |
| New Orleans | Lakefront | 164 | 62 | 226 |
| New Roads | False River Regional | 80 | 31 | 111 |
| Oak Grove | Kelly | 5 | 1 | 6 |
| Oakdale | Allen Parish | 5 | 2 | 7 |
| Olla | Olla | 2 | - | 2 |
| Opelousas | St. Landry Parish-Ahart Field | 12 | 4 | 16 |
| Patterson | Harry P. Williams Memorial | 117 | 44 | 161 |
| Pineville | Pineville Municipal | 13 | 5 | 18 |
| Pollock | Pollock Municipal | 1 | - | 1 |
| Rayville | John H. Hooks Jr. Memorial | 8 | 3 | 11 |
| Reserve | Port of South Louisiana Executive Regional | 6 | 1 | 7 |
| Ruston | Ruston Regional | 32 | 12 | 44 |
| Shreveport | Shreveport Downtown | 133 | 50 | 183 |
| Slidell | Slidell | 152 | 58 | 210 |
| Springhill | Springhill | 3 | - | 3 |
| St. Joseph | Tensas Parish | 4 | 2 | 6 |
| Sulphur | Southland Field | 12 | 4 | 16 |
| Tallulah | Scott | 8 | 3 | 11 |
| Tallulah/Vicksburg, MS | Vicksburg Tallulah Regional | 14 | 6 | 20 |
| Thibodaux | Thibodaux Municipal | 3 | 1 | 4 |
| Vidalia | Concordia Parish | 3 | 2 | 5 |
| Vivian | Vivian | 7 | 3 | 10 |
| Welsh | Welsh | 7 | 2 | 9 |
| Winnfield | David G. Joyce | 3 | - | 3 |
| Winnsboro | Winnsboro Municipal | 7 | 2 | 9 |
| Woodworth | Woodworth | 11 | 3 | 14 |
| General Aviation Airports Total | | 1,488 | 553 | 2,041 |
| All Airports Total | | 1,920 | 718 | 2,638 |

Source: CDM Smith and IMPLAN.

Table A-9: Commercial Service Visitor Employment from Louisiana Airports

| Associated City | Airport Name | Direct CS Visitor-Related Employment | Multiplier Employment | Total CS Visitor-Related Employment |
|------------------------------------|--|--------------------------------------|-----------------------|-------------------------------------|
| Commercial Service Airports | | | | |
| Alexandria | England Airpark/Alexandria International Airpark | 168 | 94 | 262 |
| Baton Rouge | Baton Rouge Metropolitan, Ryan Field | 672 | 376 | 1,048 |
| Lafayette | Lafayette Regional | 348 | 195 | 543 |
| Lake Charles | Lake Charles Regional | 103 | 58 | 161 |
| Monroe | Monroe Regional | 173 | 97 | 270 |
| New Orleans | Louis Armstrong New Orleans International | 31,918 | 17,848 | 49,766 |
| Shreveport | Shreveport Regional | 554 | 310 | 864 |
| All Airports Total | | 33,936 | 18,978 | 52,914 |

Source: CDM Smith and IMPLAN.

Table A-10: Total Employment from Louisiana Airports

| Associated City | Airport Name | Total Direct Employment | Total Multiplier Employment | Total Employment |
|--|--|-------------------------|-----------------------------|------------------|
| Commercial Service Airports | | | | |
| Alexandria | England Airpark/Alexandria International Airpark | 1,061 | 1,261 | 2,322 |
| Baton Rouge | Baton Rouge Metropolitan, Ryan Field | 1,612 | 1,410 | 3,022 |
| Lafayette | Lafayette Regional | 1,699 | 1,815 | 3,514 |
| Lake Charles | Lake Charles Regional | 891 | 1,092 | 1,983 |
| Monroe | Monroe Regional | 360 | 333 | 693 |
| New Orleans | Louis Armstrong New Orleans International | 36,422 | 22,804 | 59,226 |
| Shreveport | Shreveport Regional | 1,168 | 1,082 | 2,250 |
| Commercial Service Airports Total | | 43,213 | 29,797 | 73,010 |
| General Aviation Airports | | | | |
| Abbeville | Abbeville Chris Crusta Memorial | 99 | 48 | 147 |
| Alexandria | Esler Regional | 128 | 226 | 354 |
| Arcadia | Arcadia-Bienville Parish | 4 | 2 | 6 |
| Bastrop | Morehouse Memorial | 20 | 13 | 33 |
| Bogalusa | George R. Carr Memorial Air Field | 28 | 21 | 49 |
| Bunkie | Bunkie Municipal | 7 | 11 | 18 |
| Columbia | Columbia | 6 | 3 | 9 |
| Coushatta | The Red River | 7 | 7 | 14 |
| Covington | St. Tammany Regional | 23 | 16 | 39 |
| Crowley | Le Gros Memorial | 29 | 35 | 64 |
| De Quincy | De Quincy Industrial Airpark | 10 | 7 | 17 |
| De Ridder | Beauregard Regional | 15 | 12 | 27 |
| Delhi | Delhi Municipal | 5 | 2 | 7 |
| Eunice | Eunice | 14 | 11 | 25 |
| Farmerville | Union Parish | 8 | 6 | 14 |
| Franklinton | Franklinton | 9 | 4 | 13 |
| Galliano | South Lafourche Leonard Miller Jr. | 227 | 302 | 529 |
| Gonzales | Louisiana Regional | 123 | 66 | 189 |
| Hammond | Hammond Northshore Regional | 756 | 1,042 | 1,798 |
| Homer | Homer Municipal | 4 | 4 | 8 |
| Houma | Houma-Terrebonne | 329 | 411 | 740 |
| Jeanerette | Le Maire Memorial | 12 | 8 | 20 |
| Jena | Jena | 10 | 4 | 14 |
| Jennings | Jennings | 101 | 58 | 159 |
| Jonesboro | Jonesboro | 7 | 3 | 10 |
| Jonesville | Jonesville | 61 | 31 | 92 |
| Lake Charles | Chennault International | 1,338 | 1,798 | 3,136 |
| Lake Providence | Byerley | 7 | 7 | 14 |
| Leesville | Leesville | 9 | 8 | 17 |
| Mansfield | C.E. "Rusty" Williams | 12 | 12 | 24 |
| Many | Hart | 6 | 3 | 9 |
| Marksville | Marksville Municipal | 5 | 3 | 8 |
| Minden | Minden | 16 | 19 | 35 |
| Natchitoches | Natchitoches Regional | 40 | 52 | 92 |

| Associated City | Airport Name | Total Direct Employment | Total Multiplier Employment | Total Employment |
|--|--|-------------------------|-----------------------------|------------------|
| New Iberia | Acadiana Regional | 479 | 635 | 1,114 |
| New Orleans | Lakefront | 315 | 281 | 596 |
| New Roads | False River Regional | 120 | 82 | 202 |
| Oak Grove | Kelly | 12 | 9 | 21 |
| Oakdale | Allen Parish | 27 | 29 | 56 |
| Olla | Olla | 8 | 8 | 16 |
| Opelousas | St. Landry Parish-Ahart Field | 24 | 20 | 44 |
| Patterson | Harry P. Williams Memorial | 192 | 144 | 336 |
| Pineville | Pineville Municipal | 23 | 17 | 40 |
| Pollock | Pollock Municipal | 2 | - | 2 |
| Rayville | John H. Hooks Jr. Memorial | 11 | 7 | 18 |
| Reserve | Port of South Louisiana Executive Regional | 16 | 14 | 30 |
| Ruston | Ruston Regional | 77 | 71 | 148 |
| Shreveport | Shreveport Downtown | 187 | 117 | 304 |
| Slidell | Slidell | 225 | 158 | 383 |
| Springhill | Springhill | 4 | 2 | 6 |
| St. Joseph | Tensas Parish | 5 | 2 | 7 |
| Sulphur | Southland Field | 52 | 59 | 111 |
| Tallulah | Scott | 10 | 7 | 17 |
| Tallulah/Vicksburg, MS | Vicksburg Tallulah Regional | 31 | 30 | 61 |
| Thibodaux | Thibodaux Municipal | 7 | 5 | 12 |
| Vidalia | Concordia Parish | 11 | 12 | 23 |
| Vivian | Vivian | 15 | 12 | 27 |
| Welsh | Welsh | 15 | 11 | 26 |
| Winnfield | David G. Joyce | 4 | - | 4 |
| Winnsboro | Winnsboro Municipal | 15 | 12 | 27 |
| Woodworth | Woodworth | 15 | 8 | 23 |
| General Aviation Airports Total | | 5,377 | 6,007 | 11,384 |
| All Airports Total | | 48,590 | 35,804 | 84,394 |

Source: CDM Smith and IMPLAN.

Table A-11: On-Airport Payroll from Louisiana Airports

| Associated City | Airport Name | Direct On-Airport Payroll | Multiplier Payroll | Total On-Airport Payroll |
|--|--|---------------------------|----------------------|--------------------------|
| Commercial Service Airports | | | | |
| Alexandria | England Airpark/Alexandria International Airpark | \$23,557,000 | \$29,426,000 | \$52,983,000 |
| Baton Rouge | Baton Rouge Metropolitan, Ryan Field | \$35,181,000 | \$38,060,000 | \$73,241,000 |
| Lafayette | Lafayette Regional | \$63,923,000 | \$56,235,000 | \$120,158,000 |
| Lake Charles | Lake Charles Regional | \$32,431,000 | \$31,249,000 | \$63,680,000 |
| Monroe | Monroe Regional | \$8,113,000 | \$8,766,000 | \$16,879,000 |
| New Orleans | Louis Armstrong New Orleans International | \$108,793,000 | \$118,675,000 | \$227,468,000 |
| Shreveport | Shreveport Regional | \$25,301,000 | \$27,739,000 | \$53,040,000 |
| Commercial Service Airports Total | | \$297,299,000 | \$310,150,000 | \$607,449,000 |
| General Aviation Airports | | | | |
| Abbeville | Abbeville Chris Crusta Memorial | \$180,000 | \$201,000 | \$381,000 |
| Alexandria | Esler Regional | \$5,808,000 | \$8,525,000 | \$14,333,000 |
| Arcadia | Arcadia-Bienville Parish | \$13,000 | \$19,000 | \$32,000 |
| Bastrop | Morehouse Memorial | \$182,000 | \$173,000 | \$355,000 |
| Bogalusa | George R. Carr Memorial Air Field | \$53,000 | \$59,000 | \$112,000 |
| Bunkie | Bunkie Municipal | \$8,000 | \$12,000 | \$20,000 |
| Columbia | Columbia | \$13,000 | \$19,000 | \$32,000 |
| Coushatta | The Red River | \$211,000 | \$176,000 | \$387,000 |
| Covington | St. Tammany Regional | \$125,000 | \$133,000 | \$258,000 |
| Crowley | Le Gros Memorial | \$1,101,000 | \$878,000 | \$1,979,000 |
| De Quincy | De Quincy Industrial Airpark | \$13,000 | \$19,000 | \$32,000 |
| De Ridder | Beauregard Regional | \$193,000 | \$244,000 | \$437,000 |
| Delhi | Delhi Municipal | \$13,000 | \$19,000 | \$32,000 |
| Eunice | Eunice | \$215,000 | \$196,000 | \$411,000 |
| Farmerville | Union Parish | \$0 | \$0 | \$0 |
| Franklinton | Franklinton | \$13,000 | \$19,000 | \$32,000 |
| Galliano | South Lafourche Leonard Miller Jr. | \$9,390,000 | \$7,733,000 | \$17,123,000 |
| Gonzales | Louisiana Regional | \$843,000 | \$697,000 | \$1,540,000 |
| Hammond | Hammond Northshore Regional | \$27,359,000 | \$35,598,000 | \$62,957,000 |
| Homer | Homer Municipal | \$25,000 | \$37,000 | \$62,000 |
| Houma | Houma-Terrebonne | \$14,475,000 | \$11,995,000 | \$26,470,000 |
| Jeanerette | Le Maire Memorial | \$68,000 | \$100,000 | \$168,000 |
| Jena | Jena | \$13,000 | \$19,000 | \$32,000 |
| Jennings | Jennings | \$446,000 | \$355,000 | \$801,000 |
| Jonesboro | Jonesboro | \$13,000 | \$19,000 | \$32,000 |
| Jonesville | Jonesville | \$312,000 | \$247,000 | \$559,000 |
| Lake Charles | Chennault International | \$59,415,000 | \$49,561,000 | \$108,976,000 |
| Lake Providence | Byerley | \$180,000 | \$143,000 | \$323,000 |
| Leesville | Leesville | \$47,000 | \$68,000 | \$115,000 |
| Mansfield | C.E. "Rusty" Williams | \$131,000 | \$155,000 | \$286,000 |
| Many | Hart | \$28,000 | \$40,000 | \$68,000 |
| Marksville | Marksville Municipal | \$13,000 | \$19,000 | \$32,000 |
| Minden | Minden | \$259,000 | \$382,000 | \$641,000 |
| Natchitoches | Natchitoches Regional | \$1,623,000 | \$1,488,000 | \$3,111,000 |

| Associated City | Airport Name | Direct On-Airport Payroll | Multiplier Payroll | Total On-Airport Payroll |
|--|--|---------------------------|----------------------|--------------------------|
| New Iberia | Acadiana Regional | \$17,162,000 | \$13,808,000 | \$30,970,000 |
| New Orleans | Lakefront | \$8,670,000 | \$9,889,000 | \$18,559,000 |
| New Roads | False River Regional | \$1,798,000 | \$1,653,000 | \$3,451,000 |
| Oak Grove | Kelly | \$88,000 | \$79,000 | \$167,000 |
| Oakdale | Allen Parish | \$549,000 | \$512,000 | \$1,061,000 |
| Olla | Olla | \$86,000 | \$127,000 | \$213,000 |
| Opelousas | St. Landry Parish-Ahart Field | \$207,000 | \$252,000 | \$459,000 |
| Patterson | Harry P. Williams Memorial | \$2,840,000 | \$2,295,000 | \$5,135,000 |
| Pineville | Pineville Municipal | \$207,000 | \$173,000 | \$380,000 |
| Pollock | Pollock Municipal | \$0 | \$0 | \$0 |
| Rayville | John H. Hooks Jr. Memorial | \$43,000 | \$64,000 | \$107,000 |
| Reserve | Port of South Louisiana Executive Regional | \$267,000 | \$313,000 | \$580,000 |
| Ruston | Ruston Regional | \$1,859,000 | \$1,476,000 | \$3,335,000 |
| Shreveport | Shreveport Downtown | \$1,843,000 | \$1,587,000 | \$3,430,000 |
| Slidell | Slidell | \$3,888,000 | \$3,323,000 | \$7,211,000 |
| Springhill | Springhill | \$0 | \$0 | \$0 |
| St. Joseph | Tensas Parish | \$0 | \$0 | \$0 |
| Sulphur | Southland Field | \$1,511,000 | \$1,298,000 | \$2,809,000 |
| Tallulah | Scott | \$52,000 | \$77,000 | \$129,000 |
| Tallulah/Vicksburg, MS | Vicksburg Tallulah Regional | \$515,000 | \$507,000 | \$1,022,000 |
| Thibodaux | Thibodaux Municipal | \$65,000 | \$52,000 | \$117,000 |
| Vidalia | Concordia Parish | \$146,000 | \$135,000 | \$281,000 |
| Vivian | Vivian | \$112,000 | \$89,000 | \$201,000 |
| Welsh | Welsh | \$125,000 | \$109,000 | \$234,000 |
| Winnfield | David G. Joyce | \$0 | \$0 | \$0 |
| Winnsboro | Winnsboro Municipal | \$284,000 | \$234,000 | \$518,000 |
| Woodworth | Woodworth | \$142,000 | \$121,000 | \$263,000 |
| General Aviation Airports Total | | \$165,240,000 | \$157,521,000 | \$322,761,000 |
| All Airports Total | | \$462,539,000 | \$467,671,000 | \$930,210,000 |

Source: CDM Smith and IMPLAN.

Table A-12: CIP Payroll from Louisiana Airports

| Associated City | Airport Name | Direct CIP Payroll | Multiplier Payroll | Total CIP Payroll |
|--|--|----------------------|---------------------|----------------------|
| Commercial Service Airports | | | | |
| Alexandria | England Airpark/Alexandria International Airpark | \$17,799,000 | \$12,893,000 | \$30,692,000 |
| Baton Rouge | Baton Rouge Metropolitan, Ryan Field | \$5,672,000 | \$4,109,000 | \$9,781,000 |
| Lafayette | Lafayette Regional | \$17,289,000 | \$12,523,000 | \$29,812,000 |
| Lake Charles | Lake Charles Regional | \$1,827,000 | \$1,323,000 | \$3,150,000 |
| Monroe | Monroe Regional | \$987,000 | \$714,000 | \$1,701,000 |
| New Orleans | Louis Armstrong New Orleans International | \$83,572,000 | \$60,537,000 | \$144,109,000 |
| Shreveport | Shreveport Regional | \$2,148,000 | \$1,556,000 | \$3,704,000 |
| Commercial Service Airports Total | | \$129,294,000 | \$93,655,000 | \$222,949,000 |
| General Aviation Airports | | | | |
| Abbeville | Abbeville Chris Crusta Memorial | \$151,000 | \$109,000 | \$260,000 |
| Alexandria | Esler Regional | \$231,000 | \$168,000 | \$399,000 |
| Arcadia | Arcadia-Bienville Parish | \$0 | \$0 | \$0 |
| Bastrop | Morehouse Memorial | \$81,000 | \$59,000 | \$140,000 |
| Bogalusa | George R. Carr Memorial Air Field | \$519,000 | \$376,000 | \$895,000 |
| Bunkie | Bunkie Municipal | \$0 | \$0 | \$0 |
| Columbia | Columbia | \$0 | \$0 | \$0 |
| Coushatta | The Red River | \$68,000 | \$50,000 | \$118,000 |
| Covington | St. Tammany Regional | \$121,000 | \$87,000 | \$208,000 |
| Crowley | Le Gros Memorial | \$81,000 | \$60,000 | \$141,000 |
| De Quincy | De Quincy Industrial Airpark | \$205,000 | \$149,000 | \$354,000 |
| De Ridder | Beauregard Regional | \$14,000 | \$10,000 | \$24,000 |
| Delhi | Delhi Municipal | \$0 | \$0 | \$0 |
| Eunice | Eunice | \$102,000 | \$74,000 | \$176,000 |
| Farmerville | Union Parish | \$62,000 | \$44,000 | \$106,000 |
| Franklinton | Franklinton | \$2,000 | \$1,000 | \$3,000 |
| Galliano | South Lafourche Leonard Miller Jr. | \$377,000 | \$274,000 | \$651,000 |
| Gonzales | Louisiana Regional | \$95,000 | \$69,000 | \$164,000 |
| Hammond | Hammond Northshore Regional | \$2,242,000 | \$1,623,000 | \$3,865,000 |
| Homer | Homer Municipal | \$73,000 | \$52,000 | \$125,000 |
| Houma | Houma-Terrebonne | \$2,798,000 | \$2,026,000 | \$4,824,000 |
| Jeanerette | Le Maire Memorial | \$83,000 | \$60,000 | \$143,000 |
| Jena | Jena | \$40,000 | \$30,000 | \$70,000 |
| Jennings | Jennings | \$129,000 | \$93,000 | \$222,000 |
| Jonesboro | Jonesboro | \$40,000 | \$30,000 | \$70,000 |
| Jonesville | Jonesville | \$86,000 | \$61,000 | \$147,000 |
| Lake Charles | Chennault International | \$6,027,000 | \$4,366,000 | \$10,393,000 |
| Lake Providence | Byerley | \$14,000 | \$9,000 | \$23,000 |
| Leesville | Leesville | \$135,000 | \$98,000 | \$233,000 |
| Mansfield | C.E. "Rusty" Williams | \$25,000 | \$18,000 | \$43,000 |
| Many | Hart | \$40,000 | \$29,000 | \$69,000 |
| Marksville | Marksville Municipal | \$40,000 | \$30,000 | \$70,000 |
| Minden | Minden | \$369,000 | \$267,000 | \$636,000 |
| Natchitoches | Natchitoches Regional | \$152,000 | \$110,000 | \$262,000 |
| New Iberia | Acadiana Regional | \$1,290,000 | \$934,000 | \$2,224,000 |

| Associated City | Airport Name | Direct CIP Payroll | Multiplier Payroll | Total CIP Payroll |
|--|--|----------------------|----------------------|----------------------|
| New Orleans | Lakefront | \$840,000 | \$609,000 | \$1,449,000 |
| New Roads | False River Regional | \$635,000 | \$460,000 | \$1,095,000 |
| Oak Grove | Kelly | \$71,000 | \$52,000 | \$123,000 |
| Oakdale | Allen Parish | \$336,000 | \$243,000 | \$579,000 |
| Olla | Olla | \$148,000 | \$107,000 | \$255,000 |
| Opelousas | St. Landry Parish-Ahart Field | \$223,000 | \$161,000 | \$384,000 |
| Patterson | Harry P. Williams Memorial | \$162,000 | \$117,000 | \$279,000 |
| Pineville | Pineville Municipal | \$4,000 | \$3,000 | \$7,000 |
| Pollock | Pollock Municipal | \$1,000 | \$0 | \$1,000 |
| Rayville | John H. Hooks Jr. Memorial | \$74,000 | \$53,000 | \$127,000 |
| Reserve | Port of South Louisiana Executive Regional | \$91,000 | \$66,000 | \$157,000 |
| Ruston | Ruston Regional | \$169,000 | \$123,000 | \$292,000 |
| Shreveport | Shreveport Downtown | \$409,000 | \$296,000 | \$705,000 |
| Slidell | Slidell | \$300,000 | \$218,000 | \$518,000 |
| Springhill | Springhill | \$38,000 | \$27,000 | \$65,000 |
| St. Joseph | Tensas Parish | \$6,000 | \$5,000 | \$11,000 |
| Sulphur | Southland Field | \$331,000 | \$240,000 | \$571,000 |
| Tallulah | Scott | \$0 | \$0 | \$0 |
| Tallulah/Vicksburg, MS | Vicksburg Tallulah Regional | \$91,000 | \$66,000 | \$157,000 |
| Thibodaux | Thibodaux Municipal | \$1,000 | \$0 | \$1,000 |
| Vidalia | Concordia Parish | \$100,000 | \$73,000 | \$173,000 |
| Vivian | Vivian | \$160,000 | \$115,000 | \$275,000 |
| Welsh | Welsh | \$4,000 | \$2,000 | \$6,000 |
| Winnfield | David G. Joyce | \$12,000 | \$8,000 | \$20,000 |
| Winnsboro | Winnsboro Municipal | \$42,000 | \$31,000 | \$73,000 |
| Woodworth | Woodworth | \$27,000 | \$19,000 | \$46,000 |
| General Aviation Airports Total | | \$19,967,000 | \$14,460,000 | \$34,427,000 |
| All Airports Total | | \$149,261,000 | \$108,115,000 | \$257,376,000 |

Source: CDM Smith and IMPLAN.

Table A-13: General Aviation Visitor Payroll from Louisiana Airports

| Associated City | Airport Name | Direct GA Visitor-Related Payroll | Multiplier Payroll | Total GA Visitor-Related Payroll |
|--|--|-----------------------------------|--------------------|----------------------------------|
| Commercial Service Airports | | | | |
| Alexandria | England Airpark/Alexandria International Airpark | \$99,000 | \$63,000 | \$162,000 |
| Baton Rouge | Baton Rouge Metropolitan, Ryan Field | \$3,428,000 | \$2,202,000 | \$5,630,000 |
| Lafayette | Lafayette Regional | \$1,833,000 | \$1,178,000 | \$3,011,000 |
| Lake Charles | Lake Charles Regional | \$1,164,000 | \$747,000 | \$1,911,000 |
| Monroe | Monroe Regional | \$379,000 | \$244,000 | \$623,000 |
| New Orleans | Louis Armstrong New Orleans International | \$1,256,000 | \$806,000 | \$2,062,000 |
| Shreveport | Shreveport Regional | \$1,536,000 | \$987,000 | \$2,523,000 |
| Commercial Service Airports Total | | \$9,695,000 | \$6,227,000 | \$15,922,000 |
| General Aviation Airports | | | | |
| Abbeville | Abbeville Chris Crusta Memorial | \$1,979,000 | \$1,271,000 | \$3,250,000 |
| Alexandria | Esler Regional | \$102,000 | \$66,000 | \$168,000 |
| Arcadia | Arcadia-Bienville Parish | \$62,000 | \$39,000 | \$101,000 |
| Bastrop | Morehouse Memorial | \$283,000 | \$182,000 | \$465,000 |
| Bogalusa | George R. Carr Memorial Air Field | \$227,000 | \$145,000 | \$372,000 |
| Bunkie | Bunkie Municipal | \$38,000 | \$25,000 | \$63,000 |
| Columbia | Columbia | \$106,000 | \$68,000 | \$174,000 |
| Coushatta | The Red River | \$29,000 | \$18,000 | \$47,000 |
| Covington | St. Tammany Regional | \$283,000 | \$182,000 | \$465,000 |
| Crowley | Le Gros Memorial | \$38,000 | \$25,000 | \$63,000 |
| De Quincy | De Quincy Industrial Airpark | \$50,000 | \$32,000 | \$82,000 |
| De Ridder | Beauregard Regional | \$176,000 | \$112,000 | \$288,000 |
| Delhi | Delhi Municipal | \$77,000 | \$49,000 | \$126,000 |
| Eunice | Eunice | \$142,000 | \$91,000 | \$233,000 |
| Farmerville | Union Parish | \$99,000 | \$64,000 | \$163,000 |
| Franklinton | Franklinton | \$156,000 | \$100,000 | \$256,000 |
| Galliano | South Lafourche Leonard Miller Jr. | \$142,000 | \$91,000 | \$233,000 |
| Gonzales | Louisiana Regional | \$2,286,000 | \$1,469,000 | \$3,755,000 |
| Hammond | Hammond Northshore Regional | \$4,001,000 | \$2,570,000 | \$6,571,000 |
| Homer | Homer Municipal | \$14,000 | \$10,000 | \$24,000 |
| Houma | Houma-Terrebonne | \$434,000 | \$278,000 | \$712,000 |
| Jeanerette | Le Maire Memorial | \$156,000 | \$100,000 | \$256,000 |
| Jena | Jena | \$142,000 | \$91,000 | \$233,000 |
| Jennings | Jennings | \$1,829,000 | \$1,175,000 | \$3,004,000 |
| Jonesboro | Jonesboro | \$77,000 | \$49,000 | \$126,000 |
| Jonesville | Jonesville | \$1,143,000 | \$734,000 | \$1,877,000 |
| Lake Charles | Chennault International | \$84,000 | \$54,000 | \$138,000 |
| Lake Providence | Byerley | \$38,000 | \$25,000 | \$63,000 |
| Leesville | Leesville | \$85,000 | \$55,000 | \$140,000 |
| Mansfield | C.E. "Rusty" Williams | \$96,000 | \$62,000 | \$158,000 |
| Many | Hart | \$58,000 | \$37,000 | \$95,000 |
| Marksville | Marksville Municipal | \$42,000 | \$28,000 | \$70,000 |
| Minden | Minden | \$44,000 | \$28,000 | \$72,000 |

| Associated City | Airport Name | Direct GA Visitor-Related Payroll | Multiplier Payroll | Total GA Visitor-Related Payroll |
|--|--|-----------------------------------|---------------------|----------------------------------|
| Natchitoches | Natchitoches Regional | \$111,000 | \$72,000 | \$183,000 |
| New Iberia | Acadiana Regional | \$301,000 | \$193,000 | \$494,000 |
| New Orleans | Lakefront | \$3,692,000 | \$2,371,000 | \$6,063,000 |
| New Roads | False River Regional | \$1,800,000 | \$1,157,000 | \$2,957,000 |
| Oak Grove | Kelly | \$96,000 | \$62,000 | \$158,000 |
| Oakdale | Allen Parish | \$99,000 | \$64,000 | \$163,000 |
| Olla | Olla | \$23,000 | \$15,000 | \$38,000 |
| Opelousas | St. Landry Parish-Ahart Field | \$255,000 | \$164,000 | \$419,000 |
| Patterson | Harry P. Williams Memorial | \$2,629,000 | \$1,689,000 | \$4,318,000 |
| Pineville | Pineville Municipal | \$283,000 | \$182,000 | \$465,000 |
| Pollock | Pollock Municipal | \$5,000 | \$3,000 | \$8,000 |
| Rayville | John H. Hooks Jr. Memorial | \$170,000 | \$109,000 | \$279,000 |
| Reserve | Port of South Louisiana Executive Regional | \$113,000 | \$73,000 | \$186,000 |
| Ruston | Ruston Regional | \$709,000 | \$455,000 | \$1,164,000 |
| Shreveport | Shreveport Downtown | \$2,985,000 | \$1,917,000 | \$4,902,000 |
| Slidell | Slidell | \$3,429,000 | \$2,203,000 | \$5,632,000 |
| Springhill | Springhill | \$48,000 | \$31,000 | \$79,000 |
| St. Joseph | Tensas Parish | \$85,000 | \$55,000 | \$140,000 |
| Sulphur | Southland Field | \$258,000 | \$165,000 | \$423,000 |
| Tallulah | Scott | \$170,000 | \$109,000 | \$279,000 |
| Tallulah/Vicksburg, MS | Vicksburg Tallulah Regional | \$311,000 | \$201,000 | \$512,000 |
| Thibodaux | Thibodaux Municipal | \$58,000 | \$37,000 | \$95,000 |
| Vidalia | Concordia Parish | \$67,000 | \$44,000 | \$111,000 |
| Vivian | Vivian | \$154,000 | \$99,000 | \$253,000 |
| Welsh | Welsh | \$142,000 | \$91,000 | \$233,000 |
| Winnfield | David G. Joyce | \$48,000 | \$31,000 | \$79,000 |
| Winnsboro | Winnsboro Municipal | \$142,000 | \$91,000 | \$233,000 |
| Woodworth | Woodworth | \$227,000 | \$145,000 | \$372,000 |
| General Aviation Airports Total | | \$32,928,000 | \$21,153,000 | \$54,081,000 |
| All Airports Total | | \$42,623,000 | \$27,380,000 | \$70,003,000 |

Source: CDM Smith and IMPLAN.

Table A-14: Commercial Service Visitor Payroll from Louisiana Airports

| Associated City | Airport Name | Direct Commercial Service Visitor-Related Payroll | Multiplier Payroll | Total Commercial Service Visitor-Related Payroll |
|--|--|---|----------------------|--|
| Commercial Service Airports | | | | |
| Alexandria | England Airpark/Alexandria International Airpark | \$3,798,000 | \$2,913,000 | \$6,711,000 |
| Baton Rouge | Baton Rouge Metropolitan, Ryan Field | \$15,191,000 | \$11,651,000 | \$26,842,000 |
| Lafayette | Lafayette Regional | \$7,867,000 | \$6,034,000 | \$13,901,000 |
| Lake Charles | Lake Charles Regional | \$2,328,000 | \$1,785,000 | \$4,113,000 |
| Monroe | Monroe Regional | \$3,911,000 | \$3,000,000 | \$6,911,000 |
| New Orleans | Louis Armstrong New Orleans International | \$721,506,000 | \$553,368,000 | \$1,274,874,000 |
| Shreveport | Shreveport Regional | \$12,523,000 | \$9,605,000 | \$22,128,000 |
| Commercial Service Airports Total | | \$767,124,000 | \$588,356,000 | \$1,355,480,000 |

Source: CDM Smith and IMPLAN.

Table A-15: Total Payroll from Louisiana Airports

| Associated City | Airport Name | Total Direct Payroll | Total Multiplier Payroll | Total Payroll |
|--|--|------------------------|--------------------------|------------------------|
| Commercial Service Airports | | | | |
| Alexandria | England Airpark/Alexandria International Airpark | \$45,253,000 | \$45,295,000 | \$90,548,000 |
| Baton Rouge | Baton Rouge Metropolitan, Ryan Field | \$59,472,000 | \$56,022,000 | \$115,494,000 |
| Lafayette | Lafayette Regional | \$90,912,000 | \$75,970,000 | \$166,882,000 |
| Lake Charles | Lake Charles Regional | \$37,750,000 | \$35,104,000 | \$72,854,000 |
| Monroe | Monroe Regional | \$13,390,000 | \$12,724,000 | \$26,114,000 |
| New Orleans | Louis Armstrong New Orleans International | \$915,127,000 | \$733,386,000 | \$1,648,513,000 |
| Shreveport | Shreveport Regional | \$41,508,000 | \$39,887,000 | \$81,395,000 |
| Commercial Service Airports Total | | \$1,203,412,000 | \$998,388,000 | \$2,201,800,000 |
| General Aviation Airports | | | | |
| Abbeville | Abbeville Chris Crusta Memorial | \$2,310,000 | \$1,581,000 | \$3,891,000 |
| Alexandria | Esler Regional | \$6,141,000 | \$8,759,000 | \$14,900,000 |
| Arcadia | Arcadia-Bienville Parish | \$75,000 | \$58,000 | \$133,000 |
| Bastrop | Morehouse Memorial | \$546,000 | \$414,000 | \$960,000 |
| Bogalusa | George R. Carr Memorial Air Field | \$799,000 | \$580,000 | \$1,379,000 |
| Bunkie | Bunkie Municipal | \$46,000 | \$37,000 | \$83,000 |
| Columbia | Columbia | \$119,000 | \$87,000 | \$206,000 |
| Coushatta | The Red River | \$308,000 | \$244,000 | \$552,000 |
| Covington | St. Tammany Regional | \$529,000 | \$402,000 | \$931,000 |
| Crowley | Le Gros Memorial | \$1,220,000 | \$963,000 | \$2,183,000 |
| De Quincy | De Quincy Industrial Airpark | \$268,000 | \$200,000 | \$468,000 |
| De Ridder | Beauregard Regional | \$383,000 | \$366,000 | \$749,000 |
| Delhi | Delhi Municipal | \$90,000 | \$68,000 | \$158,000 |
| Eunice | Eunice | \$459,000 | \$361,000 | \$820,000 |
| Farmerville | Union Parish | \$161,000 | \$108,000 | \$269,000 |
| Franklinton | Franklinton | \$171,000 | \$120,000 | \$291,000 |
| Galliano | South Lafourche Leonard Miller Jr. | \$9,909,000 | \$8,098,000 | \$18,007,000 |
| Gonzales | Louisiana Regional | \$3,224,000 | \$2,235,000 | \$5,459,000 |
| Hammond | Hammond Northshore Regional | \$33,602,000 | \$39,791,000 | \$73,393,000 |
| Homer | Homer Municipal | \$112,000 | \$99,000 | \$211,000 |
| Houma | Houma-Terrebonne | \$17,707,000 | \$14,299,000 | \$32,006,000 |
| Jeanerette | Le Maire Memorial | \$307,000 | \$260,000 | \$567,000 |
| Jena | Jena | \$195,000 | \$140,000 | \$335,000 |
| Jennings | Jennings | \$2,404,000 | \$1,623,000 | \$4,027,000 |
| Jonesboro | Jonesboro | \$130,000 | \$98,000 | \$228,000 |
| Jonesville | Jonesville | \$1,541,000 | \$1,042,000 | \$2,583,000 |
| Lake Charles | Chennault International | \$65,526,000 | \$53,981,000 | \$119,507,000 |
| Lake Providence | Byerley | \$232,000 | \$177,000 | \$409,000 |
| Leesville | Leesville | \$267,000 | \$221,000 | \$488,000 |
| Mansfield | C.E. "Rusty" Williams | \$252,000 | \$235,000 | \$487,000 |
| Many | Hart | \$126,000 | \$106,000 | \$232,000 |
| Marksville | Marksville Municipal | \$95,000 | \$77,000 | \$172,000 |
| Minden | Minden | \$672,000 | \$677,000 | \$1,349,000 |
| Natchitoches | Natchitoches Regional | \$1,886,000 | \$1,670,000 | \$3,556,000 |

| Associated City | Airport Name | Total Direct Payroll | Total Multiplier Payroll | Total Payroll |
|--|--|------------------------|--------------------------|------------------------|
| New Iberia | Acadiana Regional | \$18,753,000 | \$14,935,000 | \$33,688,000 |
| New Orleans | Lakefront | \$13,202,000 | \$12,869,000 | \$26,071,000 |
| New Roads | False River Regional | \$4,233,000 | \$3,270,000 | \$7,503,000 |
| Oak Grove | Kelly | \$255,000 | \$193,000 | \$448,000 |
| Oakdale | Allen Parish | \$984,000 | \$819,000 | \$1,803,000 |
| Olla | Olla | \$257,000 | \$249,000 | \$506,000 |
| Opelousas | St. Landry Parish-Ahart Field | \$685,000 | \$577,000 | \$1,262,000 |
| Patterson | Harry P. Williams Memorial | \$5,631,000 | \$4,101,000 | \$9,732,000 |
| Pineville | Pineville Municipal | \$494,000 | \$358,000 | \$852,000 |
| Pollock | Pollock Municipal | \$6,000 | \$3,000 | \$9,000 |
| Rayville | John H. Hooks Jr. Memorial | \$287,000 | \$226,000 | \$513,000 |
| Reserve | Port of South Louisiana Executive Regional | \$471,000 | \$452,000 | \$923,000 |
| Ruston | Ruston Regional | \$2,737,000 | \$2,054,000 | \$4,791,000 |
| Shreveport | Shreveport Downtown | \$5,237,000 | \$3,800,000 | \$9,037,000 |
| Slidell | Slidell | \$7,617,000 | \$5,744,000 | \$13,361,000 |
| Springhill | Springhill | \$86,000 | \$58,000 | \$144,000 |
| St. Joseph | Tensas Parish | \$91,000 | \$60,000 | \$151,000 |
| Sulphur | Southland Field | \$2,100,000 | \$1,703,000 | \$3,803,000 |
| Tallulah | Scott | \$222,000 | \$186,000 | \$408,000 |
| Tallulah/Vicksburg, MS | Vicksburg Tallulah Regional | \$917,000 | \$774,000 | \$1,691,000 |
| Thibodaux | Thibodaux Municipal | \$124,000 | \$89,000 | \$213,000 |
| Vidalia | Concordia Parish | \$313,000 | \$252,000 | \$565,000 |
| Vivian | Vivian | \$426,000 | \$303,000 | \$729,000 |
| Welsh | Welsh | \$271,000 | \$202,000 | \$473,000 |
| Winnfield | David G. Joyce | \$60,000 | \$39,000 | \$99,000 |
| Winnsboro | Winnsboro Municipal | \$468,000 | \$356,000 | \$824,000 |
| Woodworth | Woodworth | \$396,000 | \$285,000 | \$681,000 |
| General Aviation Airports Total | | \$218,135,000 | \$193,134,000 | \$411,269,000 |
| All Airports Total | | \$1,421,547,000 | \$1,191,522,000 | \$2,613,069,000 |

Source: CDM Smith and IMPLAN.

Table A-16: On-Airport Output from Louisiana Airports

| Associated City | Airport Name | Direct On-Airport Output | Multiplier Output | Total On-Airport Output |
|--|--|--------------------------|----------------------|-------------------------|
| Commercial Service Airports | | | | |
| Alexandria | England Airpark/Alexandria International Airpark | \$71,187,000 | \$52,209,000 | \$123,396,000 |
| Baton Rouge | Baton Rouge Metropolitan, Ryan Field | \$119,415,000 | \$83,226,000 | \$202,641,000 |
| Lafayette | Lafayette Regional | \$381,175,000 | \$249,516,000 | \$630,691,000 |
| Lake Charles | Lake Charles Regional | \$167,316,000 | \$110,581,000 | \$277,897,000 |
| Monroe | Monroe Regional | \$28,943,000 | \$20,363,000 | \$49,306,000 |
| New Orleans | Louis Armstrong New Orleans International | \$423,975,000 | \$299,190,000 | \$723,165,000 |
| Shreveport | Shreveport Regional | \$85,660,000 | \$59,289,000 | \$144,949,000 |
| Commercial Service Airports Total | | \$1,277,671,000 | \$874,374,000 | \$2,152,045,000 |
| General Aviation Airports | | | | |
| Abbeville | Abbeville Chris Crusta Memorial | \$664,000 | \$477,000 | \$1,141,000 |
| Alexandria | Esler Regional | \$8,166,000 | \$6,779,000 | \$14,945,000 |
| Arcadia | Arcadia-Bienville Parish | \$26,000 | \$22,000 | \$48,000 |
| Bastrop | Morehouse Memorial | \$828,000 | \$558,000 | \$1,386,000 |
| Bogalusa | George R. Carr Memorial Air Field | \$210,000 | \$153,000 | \$363,000 |
| Bunkie | Bunkie Municipal | \$30,000 | \$25,000 | \$55,000 |
| Columbia | Columbia | \$26,000 | \$22,000 | \$48,000 |
| Coushatta | The Red River | \$753,000 | \$490,000 | \$1,243,000 |
| Covington | St. Tammany Regional | \$524,000 | \$376,000 | \$900,000 |
| Crowley | Le Gros Memorial | \$3,958,000 | \$2,565,000 | \$6,523,000 |
| De Quincy | De Quincy Industrial Airpark | \$29,000 | \$24,000 | \$53,000 |
| De Ridder | Beauregard Regional | \$649,000 | \$503,000 | \$1,152,000 |
| Delhi | Delhi Municipal | \$26,000 | \$22,000 | \$48,000 |
| Eunice | Eunice | \$811,000 | \$547,000 | \$1,358,000 |
| Farmerville | Union Parish | \$20,000 | \$17,000 | \$37,000 |
| Franklinton | Franklinton | \$26,000 | \$22,000 | \$48,000 |
| Galliano | South Lafourche Leonard Miller Jr. | \$57,086,000 | \$37,186,000 | \$94,272,000 |
| Gonzales | Louisiana Regional | \$2,996,000 | \$1,967,000 | \$4,963,000 |
| Hammond | Hammond Northshore Regional | \$56,690,000 | \$42,180,000 | \$98,870,000 |
| Homer | Homer Municipal | \$80,000 | \$66,000 | \$146,000 |
| Houma | Houma-Terrebonne | \$89,821,000 | \$58,309,000 | \$148,130,000 |
| Jeanerette | Le Maire Memorial | \$450,000 | \$374,000 | \$824,000 |
| Jena | Jena | \$26,000 | \$22,000 | \$48,000 |
| Jennings | Jennings | \$3,051,000 | \$1,984,000 | \$5,035,000 |
| Jonesboro | Jonesboro | \$26,000 | \$22,000 | \$48,000 |
| Jonesville | Jonesville | \$921,000 | \$597,000 | \$1,518,000 |
| Lake Charles | Chennault International | \$203,113,000 | \$132,941,000 | \$336,054,000 |
| Lake Providence | Byerley | \$1,321,000 | \$852,000 | \$2,173,000 |
| Leesville | Leesville | \$156,000 | \$130,000 | \$286,000 |
| Mansfield | C.E. "Rusty" Williams | \$663,000 | \$506,000 | \$1,169,000 |
| Many | Hart | \$54,000 | \$45,000 | \$99,000 |
| Marksville | Marksville Municipal | \$26,000 | \$22,000 | \$48,000 |

| Associated City | Airport Name | Direct On-Airport Output | Multiplier Output | Total On-Airport Output |
|--|--|--------------------------|------------------------|-------------------------|
| Minden | Minden | \$840,000 | \$699,000 | \$1,539,000 |
| Natchitoches | Natchitoches Regional | \$8,038,000 | \$5,342,000 | \$13,380,000 |
| New Iberia | Acadiana Regional | \$39,706,000 | \$25,841,000 | \$65,547,000 |
| New Orleans | Lakefront | \$27,661,000 | \$19,227,000 | \$46,888,000 |
| New Roads | False River Regional | \$6,887,000 | \$4,583,000 | \$11,470,000 |
| Oak Grove | Kelly | \$336,000 | \$220,000 | \$556,000 |
| Oakdale | Allen Parish | \$3,403,000 | \$2,238,000 | \$5,641,000 |
| Olla | Olla | \$265,000 | \$220,000 | \$485,000 |
| Opelousas | St. Landry Parish-Ahart Field | \$819,000 | \$602,000 | \$1,421,000 |
| Patterson | Harry P. Williams Memorial | \$17,022,000 | \$11,005,000 | \$28,027,000 |
| Pineville | Pineville Municipal | \$781,000 | \$508,000 | \$1,289,000 |
| Pollock | Pollock Municipal | \$6,000 | \$5,000 | \$11,000 |
| Rayville | John H. Hooks Jr. Memorial | \$132,000 | \$110,000 | \$242,000 |
| Reserve | Port of South Louisiana Executive Regional | \$1,123,000 | \$855,000 | \$1,978,000 |
| Ruston | Ruston Regional | \$8,152,000 | \$5,286,000 | \$13,438,000 |
| Shreveport | Shreveport Downtown | \$6,345,000 | \$4,244,000 | \$10,589,000 |
| Slidell | Slidell | \$11,300,000 | \$7,460,000 | \$18,760,000 |
| Springhill | Springhill | \$17,000 | \$15,000 | \$32,000 |
| St. Joseph | Tensas Parish | \$13,000 | \$10,000 | \$23,000 |
| Sulphur | Southland Field | \$5,758,000 | \$3,838,000 | \$9,596,000 |
| Tallulah | Scott | \$105,000 | \$87,000 | \$192,000 |
| Tallulah/Vicksburg, MS | Vicksburg Tallulah Regional | \$1,789,000 | \$1,239,000 | \$3,028,000 |
| Thibodaux | Thibodaux Municipal | \$108,000 | \$79,000 | \$187,000 |
| Vidalia | Concordia Parish | \$783,000 | \$528,000 | \$1,311,000 |
| Vivian | Vivian | \$415,000 | \$276,000 | \$691,000 |
| Welsh | Welsh | \$505,000 | \$330,000 | \$835,000 |
| Winnfield | David G. Joyce | \$20,000 | \$17,000 | \$37,000 |
| Winnsboro | Winnsboro Municipal | \$953,000 | \$618,000 | \$1,571,000 |
| Woodworth | Woodworth | \$589,000 | \$384,000 | \$973,000 |
| General Aviation Airports Total | | \$577,097,000 | \$385,671,000 | \$962,768,000 |
| All Airports Total | | \$1,854,768,000 | \$1,260,045,000 | \$3,114,813,000 |

Source: CDM Smith and IMPLAN.

Table A-17: CIP Output from Louisiana Airports

| Associated City | Airport Name | Direct CIP Output | Multiplier Output | Total CIP Output |
|--|--|----------------------|----------------------|----------------------|
| Commercial Service Airports | | | | |
| Alexandria | England Airpark/Alexandria International Airpark | \$72,088,000 | \$56,435,000 | \$128,523,000 |
| Baton Rouge | Baton Rouge Metropolitan, Ryan Field | \$22,972,000 | \$17,984,000 | \$40,956,000 |
| Lafayette | Lafayette Regional | \$70,020,000 | \$54,815,000 | \$124,835,000 |
| Lake Charles | Lake Charles Regional | \$7,398,000 | \$5,791,000 | \$13,189,000 |
| Monroe | Monroe Regional | \$3,996,000 | \$3,128,000 | \$7,124,000 |
| New Orleans | Louis Armstrong New Orleans International | \$338,476,000 | \$264,976,000 | \$603,452,000 |
| Shreveport | Shreveport Regional | \$8,700,000 | \$6,811,000 | \$15,511,000 |
| Commercial Service Airports Total | | \$523,650,000 | \$409,940,000 | \$933,590,000 |
| General Aviation Airports | | | | |
| Abbeville | Abbeville Chris Crusta Memorial | \$610,000 | \$478,000 | \$1,088,000 |
| Alexandria | Esler Regional | \$937,000 | \$733,000 | \$1,670,000 |
| Arcadia | Arcadia-Bienville Parish | \$0 | \$0 | \$0 |
| Bastrop | Morehouse Memorial | \$328,000 | \$257,000 | \$585,000 |
| Bogalusa | George R. Carr Memorial Air Field | \$2,102,000 | \$1,646,000 | \$3,748,000 |
| Bunkie | Bunkie Municipal | \$0 | \$0 | \$0 |
| Columbia | Columbia | \$0 | \$0 | \$0 |
| Coushatta | The Red River | \$276,000 | \$216,000 | \$492,000 |
| Covington | St. Tammany Regional | \$488,000 | \$383,000 | \$871,000 |
| Crowley | Le Gros Memorial | \$330,000 | \$258,000 | \$588,000 |
| De Quincy | De Quincy Industrial Airpark | \$831,000 | \$650,000 | \$1,481,000 |
| De Ridder | Beauregard Regional | \$56,000 | \$43,000 | \$99,000 |
| Delhi | Delhi Municipal | \$0 | \$0 | \$0 |
| Eunice | Eunice | \$414,000 | \$324,000 | \$738,000 |
| Farmerville | Union Parish | \$249,000 | \$195,000 | \$444,000 |
| Franklinton | Franklinton | \$8,000 | \$6,000 | \$14,000 |
| Galliano | South Lafourche Leonard Miller Jr. | \$1,529,000 | \$1,197,000 | \$2,726,000 |
| Gonzales | Louisiana Regional | \$385,000 | \$302,000 | \$687,000 |
| Hammond | Hammond Northshore Regional | \$9,079,000 | \$7,107,000 | \$16,186,000 |
| Homer | Homer Municipal | \$294,000 | \$231,000 | \$525,000 |
| Houma | Houma-Terrebonne | \$11,332,000 | \$8,870,000 | \$20,202,000 |
| Jeanerette | Le Maire Memorial | \$336,000 | \$263,000 | \$599,000 |
| Jena | Jena | \$164,000 | \$127,000 | \$291,000 |
| Jennings | Jennings | \$523,000 | \$409,000 | \$932,000 |
| Jonesboro | Jonesboro | \$164,000 | \$127,000 | \$291,000 |
| Jonesville | Jonesville | \$346,000 | \$271,000 | \$617,000 |
| Lake Charles | Chennault International | \$24,410,000 | \$19,109,000 | \$43,519,000 |
| Lake Providence | Byerley | \$55,000 | \$43,000 | \$98,000 |
| Leesville | Leesville | \$547,000 | \$427,000 | \$974,000 |
| Mansfield | C.E. "Rusty" Williams | \$101,000 | \$80,000 | \$181,000 |
| Many | Hart | \$161,000 | \$126,000 | \$287,000 |
| Marksville | Marksville Municipal | \$164,000 | \$127,000 | \$291,000 |
| Minden | Minden | \$1,493,000 | \$1,170,000 | \$2,663,000 |
| Natchitoches | Natchitoches Regional | \$616,000 | \$482,000 | \$1,098,000 |

| Associated City | Airport Name | Direct CIP Output | Multiplier Output | Total CIP Output |
|--|--|----------------------|----------------------|------------------------|
| New Iberia | Acadiana Regional | \$5,223,000 | \$4,089,000 | \$9,312,000 |
| New Orleans | Lakefront | \$3,403,000 | \$2,664,000 | \$6,067,000 |
| New Roads | False River Regional | \$2,573,000 | \$2,014,000 | \$4,587,000 |
| Oak Grove | Kelly | \$288,000 | \$225,000 | \$513,000 |
| Oakdale | Allen Parish | \$1,360,000 | \$1,064,000 | \$2,424,000 |
| Olla | Olla | \$598,000 | \$469,000 | \$1,067,000 |
| Opelousas | St. Landry Parish-Ahart Field | \$903,000 | \$707,000 | \$1,610,000 |
| Patterson | Harry P. Williams Memorial | \$655,000 | \$512,000 | \$1,167,000 |
| Pineville | Pineville Municipal | \$15,000 | \$13,000 | \$28,000 |
| Pollock | Pollock Municipal | \$2,000 | \$2,000 | \$4,000 |
| Rayville | John H. Hooks Jr. Memorial | \$299,000 | \$234,000 | \$533,000 |
| Reserve | Port of South Louisiana Executive Regional | \$368,000 | \$288,000 | \$656,000 |
| Ruston | Ruston Regional | \$686,000 | \$536,000 | \$1,222,000 |
| Shreveport | Shreveport Downtown | \$1,655,000 | \$1,296,000 | \$2,951,000 |
| Slidell | Slidell | \$1,217,000 | \$952,000 | \$2,169,000 |
| Springhill | Springhill | \$153,000 | \$120,000 | \$273,000 |
| St. Joseph | Tensas Parish | \$25,000 | \$20,000 | \$45,000 |
| Sulphur | Southland Field | \$1,341,000 | \$1,050,000 | \$2,391,000 |
| Tallulah | Scott | \$0 | \$0 | \$0 |
| Tallulah/Vicksburg, MS | Vicksburg Tallulah Regional | \$368,000 | \$288,000 | \$656,000 |
| Thibodaux | Thibodaux Municipal | \$3,000 | \$3,000 | \$6,000 |
| Vidalia | Concordia Parish | \$407,000 | \$318,000 | \$725,000 |
| Vivian | Vivian | \$646,000 | \$506,000 | \$1,152,000 |
| Welsh | Welsh | \$14,000 | \$12,000 | \$26,000 |
| Winnfield | David G. Joyce | \$47,000 | \$36,000 | \$83,000 |
| Winnsboro | Winnsboro Municipal | \$171,000 | \$133,000 | \$304,000 |
| Woodworth | Woodworth | \$109,000 | \$85,000 | \$194,000 |
| General Aviation Airports Total | | \$80,857,000 | \$63,293,000 | \$144,150,000 |
| All Airports Total | | \$604,507,000 | \$473,233,000 | \$1,077,740,000 |

Source: CDM Smith and IMPLAN.

Table A-18: General Aviation Visitor Output from Louisiana Airports

| Associated City | Airport Name | Direct GA Visitor-Related Output | Multiplier Output | Total GA Visitor Related Output |
|--|--|----------------------------------|---------------------|---------------------------------|
| Commercial Service Airports | | | | |
| Alexandria | England Airpark/Alexandria International Airpark | \$264,000 | \$174,000 | \$438,000 |
| Baton Rouge | Baton Rouge Metropolitan, Ryan Field | \$9,168,000 | \$6,064,000 | \$15,232,000 |
| Lafayette | Lafayette Regional | \$4,904,000 | \$3,243,000 | \$8,147,000 |
| Lake Charles | Lake Charles Regional | \$3,112,000 | \$2,059,000 | \$5,171,000 |
| Monroe | Monroe Regional | \$1,014,000 | \$671,000 | \$1,685,000 |
| New Orleans | Louis Armstrong New Orleans International | \$3,359,000 | \$2,221,000 | \$5,580,000 |
| Shreveport | Shreveport Regional | \$4,109,000 | \$2,718,000 | \$6,827,000 |
| Commercial Service Airports Total | | \$25,930,000 | \$17,150,000 | \$43,080,000 |
| General Aviation Airports | | | | |
| Abbeville | Abbeville Chris Crusta Memorial | \$5,293,000 | \$3,501,000 | \$8,794,000 |
| Alexandria | Esler Regional | \$273,000 | \$180,000 | \$453,000 |
| Arcadia | Arcadia-Bienville Parish | \$165,000 | \$109,000 | \$274,000 |
| Bastrop | Morehouse Memorial | \$757,000 | \$501,000 | \$1,258,000 |
| Bogalusa | George R. Carr Memorial Air Field | \$606,000 | \$401,000 | \$1,007,000 |
| Bunkie | Bunkie Municipal | \$103,000 | \$68,000 | \$171,000 |
| Columbia | Columbia | \$284,000 | \$188,000 | \$472,000 |
| Coushatta | The Red River | \$77,000 | \$51,000 | \$128,000 |
| Covington | St. Tammany Regional | \$757,000 | \$501,000 | \$1,258,000 |
| Crowley | Le Gros Memorial | \$103,000 | \$68,000 | \$171,000 |
| De Quincy | De Quincy Industrial Airpark | \$134,000 | \$88,000 | \$222,000 |
| De Ridder | Beauregard Regional | \$470,000 | \$310,000 | \$780,000 |
| Delhi | Delhi Municipal | \$206,000 | \$136,000 | \$342,000 |
| Eunice | Eunice | \$379,000 | \$250,000 | \$629,000 |
| Farmerville | Union Parish | \$265,000 | \$175,000 | \$440,000 |
| Franklinton | Franklinton | \$417,000 | \$275,000 | \$692,000 |
| Galliano | South Lafourche Leonard Miller Jr. | \$379,000 | \$251,000 | \$630,000 |
| Gonzales | Louisiana Regional | \$6,115,000 | \$4,044,000 | \$10,159,000 |
| Hammond | Hammond Northshore Regional | \$10,701,000 | \$7,077,000 | \$17,778,000 |
| Homer | Homer Municipal | \$39,000 | \$25,000 | \$64,000 |
| Houma | Houma-Terrebonne | \$1,160,000 | \$767,000 | \$1,927,000 |
| Jeanerette | Le Maire Memorial | \$417,000 | \$275,000 | \$692,000 |
| Jena | Jena | \$379,000 | \$250,000 | \$629,000 |
| Jennings | Jennings | \$4,892,000 | \$3,235,000 | \$8,127,000 |
| Jonesboro | Jonesboro | \$206,000 | \$136,000 | \$342,000 |
| Jonesville | Jonesville | \$3,057,000 | \$2,023,000 | \$5,080,000 |
| Lake Charles | Chennault International | \$225,000 | \$149,000 | \$374,000 |
| Lake Providence | Byerley | \$103,000 | \$68,000 | \$171,000 |
| Leesville | Leesville | \$227,000 | \$151,000 | \$378,000 |
| Mansfield | C.E. "Rusty" Williams | \$257,000 | \$171,000 | \$428,000 |
| Many | Hart | \$154,000 | \$103,000 | \$257,000 |
| Marksville | Marksville Municipal | \$113,000 | \$75,000 | \$188,000 |
| Minden | Minden | \$116,000 | \$78,000 | \$194,000 |

| Associated City | Airport Name | Direct GA Visitor-Related Output | Multiplier Output | Total GA Visitor Related Output |
|--|--|----------------------------------|---------------------|---------------------------------|
| Natchitoches | Natchitoches Regional | \$297,000 | \$197,000 | \$494,000 |
| New Iberia | Acadiana Regional | \$804,000 | \$532,000 | \$1,336,000 |
| New Orleans | Lakefront | \$9,875,000 | \$6,530,000 | \$16,405,000 |
| New Roads | False River Regional | \$4,815,000 | \$3,185,000 | \$8,000,000 |
| Oak Grove | Kelly | \$257,000 | \$171,000 | \$428,000 |
| Oakdale | Allen Parish | \$265,000 | \$175,000 | \$440,000 |
| Olla | Olla | \$62,000 | \$41,000 | \$103,000 |
| Opelousas | St. Landry Parish-Ahart Field | \$682,000 | \$450,000 | \$1,132,000 |
| Patterson | Harry P. Williams Memorial | \$7,032,000 | \$4,651,000 | \$11,683,000 |
| Pineville | Pineville Municipal | \$757,000 | \$501,000 | \$1,258,000 |
| Pollock | Pollock Municipal | \$13,000 | \$8,000 | \$21,000 |
| Rayville | John H. Hooks Jr. Memorial | \$454,000 | \$301,000 | \$755,000 |
| Reserve | Port of South Louisiana Executive Regional | \$303,000 | \$200,000 | \$503,000 |
| Ruston | Ruston Regional | \$1,896,000 | \$1,253,000 | \$3,149,000 |
| Shreveport | Shreveport Downtown | \$7,984,000 | \$5,281,000 | \$13,265,000 |
| Slidell | Slidell | \$9,172,000 | \$6,067,000 | \$15,239,000 |
| Springhill | Springhill | \$129,000 | \$85,000 | \$214,000 |
| St. Joseph | Tensas Parish | \$227,000 | \$151,000 | \$378,000 |
| Sulphur | Southland Field | \$689,000 | \$456,000 | \$1,145,000 |
| Tallulah | Scott | \$454,000 | \$301,000 | \$755,000 |
| Tallulah/Vicksburg, MS | Vicksburg Tallulah Regional | \$833,000 | \$551,000 | \$1,384,000 |
| Thibodaux | Thibodaux Municipal | \$154,000 | \$103,000 | \$257,000 |
| Vidalia | Concordia Parish | \$180,000 | \$119,000 | \$299,000 |
| Vivian | Vivian | \$412,000 | \$272,000 | \$684,000 |
| Welsh | Welsh | \$379,000 | \$250,000 | \$629,000 |
| Winnfield | David G. Joyce | \$129,000 | \$85,000 | \$214,000 |
| Winnsboro | Winnsboro Municipal | \$379,000 | \$250,000 | \$629,000 |
| Woodworth | Woodworth | \$606,000 | \$401,000 | \$1,007,000 |
| General Aviation Airports Total | | \$88,068,000 | \$58,247,000 | \$146,315,000 |
| All Airports Total | | \$113,998,000 | \$75,397,000 | \$189,395,000 |

Source: CDM Smith and IMPLAN.

Table A-19: Commercial Service Visitor Output from Louisiana Airports

| Associated City | Airport Name | Direct Commercial Service Visitor-Related Output | Multiplier Output | Total Commercial Service Visitor Related Output |
|--|--|--|------------------------|---|
| Commercial Service Airports | | | | |
| Alexandria | England Airpark/Alexandria International Airpark | \$14,905,000 | \$9,515,000 | \$24,420,000 |
| Baton Rouge | Baton Rouge Metropolitan, Ryan Field | \$59,621,000 | \$38,060,000 | \$97,681,000 |
| Lafayette | Lafayette Regional | \$30,856,000 | \$19,697,000 | \$50,553,000 |
| Lake Charles | Lake Charles Regional | \$9,115,000 | \$5,819,000 | \$14,934,000 |
| Monroe | Monroe Regional | \$15,377,000 | \$9,816,000 | \$25,193,000 |
| New Orleans | Louis Armstrong New Orleans International | \$2,833,556,000 | \$1,808,843,000 | \$4,642,399,000 |
| Shreveport | Shreveport Regional | \$49,221,000 | \$31,421,000 | \$80,642,000 |
| Commercial Service Airports Total | | \$3,012,651,000 | \$1,923,171,000 | \$4,935,822,000 |

Source: CDM Smith and IMPLAN.

Table A-20: Total Output from Louisiana Airports

| Associated City | Airport Name | Total Direct Output | Total Multiplier Output | Total Output |
|--|--|------------------------|-------------------------|------------------------|
| Commercial Service Airports | | | | |
| Alexandria | England Airpark/Alexandria International Airpark | \$158,444,000 | \$118,333,000 | \$276,777,000 |
| Baton Rouge | Baton Rouge Metropolitan, Ryan Field | \$211,176,000 | \$145,334,000 | \$356,510,000 |
| Lafayette | Lafayette Regional | \$486,955,000 | \$327,271,000 | \$814,226,000 |
| Lake Charles | Lake Charles Regional | \$186,941,000 | \$124,250,000 | \$311,191,000 |
| Monroe | Monroe Regional | \$49,330,000 | \$33,978,000 | \$83,308,000 |
| New Orleans | Louis Armstrong New Orleans International | \$3,599,366,000 | \$2,375,230,000 | \$5,974,596,000 |
| Shreveport | Shreveport Regional | \$147,690,000 | \$100,239,000 | \$247,929,000 |
| Commercial Service Airports Total | | \$4,839,902,000 | \$3,224,635,000 | \$8,064,537,000 |
| General Aviation Airports | | | | |
| Abbeville | Abbeville Chris Crusta Memorial | \$6,567,000 | \$4,456,000 | \$11,023,000 |
| Alexandria | Esler Regional | \$9,376,000 | \$7,692,000 | \$17,068,000 |
| Arcadia | Arcadia-Bienville Parish | \$191,000 | \$131,000 | \$322,000 |
| Bastrop | Morehouse Memorial | \$1,913,000 | \$1,316,000 | \$3,229,000 |
| Bogalusa | George R. Carr Memorial Air Field | \$2,918,000 | \$2,200,000 | \$5,118,000 |
| Bunkie | Bunkie Municipal | \$133,000 | \$93,000 | \$226,000 |
| Columbia | Columbia | \$310,000 | \$210,000 | \$520,000 |
| Coushatta | The Red River | \$1,106,000 | \$757,000 | \$1,863,000 |
| Covington | St. Tammany Regional | \$1,769,000 | \$1,260,000 | \$3,029,000 |
| Crowley | Le Gros Memorial | \$4,391,000 | \$2,891,000 | \$7,282,000 |
| De Quincy | De Quincy Industrial Airpark | \$994,000 | \$762,000 | \$1,756,000 |
| De Ridder | Beauregard Regional | \$1,175,000 | \$856,000 | \$2,031,000 |
| Delhi | Delhi Municipal | \$232,000 | \$158,000 | \$390,000 |
| Eunice | Eunice | \$1,604,000 | \$1,121,000 | \$2,725,000 |
| Farmerville | Union Parish | \$534,000 | \$387,000 | \$921,000 |
| Franklinton | Franklinton | \$451,000 | \$303,000 | \$754,000 |
| Galliano | South Lafourche Leonard Miller Jr. | \$58,994,000 | \$38,634,000 | \$97,628,000 |
| Gonzales | Louisiana Regional | \$9,496,000 | \$6,313,000 | \$15,809,000 |
| Hammond | Hammond Northshore Regional | \$76,470,000 | \$56,364,000 | \$132,834,000 |
| Homer | Homer Municipal | \$413,000 | \$322,000 | \$735,000 |
| Houma | Houma-Terrebonne | \$102,313,000 | \$67,946,000 | \$170,259,000 |
| Jeanerette | Le Maire Memorial | \$1,203,000 | \$912,000 | \$2,115,000 |
| Jena | Jena | \$569,000 | \$399,000 | \$968,000 |
| Jennings | Jennings | \$8,466,000 | \$5,628,000 | \$14,094,000 |
| Jonesboro | Jonesboro | \$396,000 | \$285,000 | \$681,000 |
| Jonesville | Jonesville | \$4,324,000 | \$2,891,000 | \$7,215,000 |
| Lake Charles | Chennault International | \$227,748,000 | \$152,199,000 | \$379,947,000 |
| Lake Providence | Byerley | \$1,479,000 | \$963,000 | \$2,442,000 |
| Leesville | Leesville | \$930,000 | \$708,000 | \$1,638,000 |
| Mansfield | C.E. "Rusty" Williams | \$1,021,000 | \$757,000 | \$1,778,000 |
| Many | Hart | \$369,000 | \$274,000 | \$643,000 |
| Marksville | Marksville Municipal | \$303,000 | \$224,000 | \$527,000 |
| Minden | Minden | \$2,449,000 | \$1,947,000 | \$4,396,000 |
| Natchitoches | Natchitoches Regional | \$8,951,000 | \$6,021,000 | \$14,972,000 |

| Associated City | Airport Name | Total Direct Output | Total Multiplier Output | Total Output |
|--|--|------------------------|-------------------------|------------------------|
| New Iberia | Acadiana Regional | \$45,733,000 | \$30,462,000 | \$76,195,000 |
| New Orleans | Lakefront | \$40,939,000 | \$28,421,000 | \$69,360,000 |
| New Roads | False River Regional | \$14,275,000 | \$9,782,000 | \$24,057,000 |
| Oak Grove | Kelly | \$881,000 | \$616,000 | \$1,497,000 |
| Oakdale | Allen Parish | \$5,028,000 | \$3,477,000 | \$8,505,000 |
| Olla | Olla | \$925,000 | \$730,000 | \$1,655,000 |
| Opelousas | St. Landry Parish-Ahart Field | \$2,404,000 | \$1,759,000 | \$4,163,000 |
| Patterson | Harry P. Williams Memorial | \$24,709,000 | \$16,168,000 | \$40,877,000 |
| Pineville | Pineville Municipal | \$1,553,000 | \$1,022,000 | \$2,575,000 |
| Pollock | Pollock Municipal | \$21,000 | \$15,000 | \$36,000 |
| Rayville | John H. Hooks Jr. Memorial | \$885,000 | \$645,000 | \$1,530,000 |
| Reserve | Port of South Louisiana Executive Regional | \$1,794,000 | \$1,343,000 | \$3,137,000 |
| Ruston | Ruston Regional | \$10,734,000 | \$7,075,000 | \$17,809,000 |
| Shreveport | Shreveport Downtown | \$15,984,000 | \$10,821,000 | \$26,805,000 |
| Slidell | Slidell | \$21,689,000 | \$14,479,000 | \$36,168,000 |
| Springhill | Springhill | \$299,000 | \$220,000 | \$519,000 |
| St. Joseph | Tensas Parish | \$265,000 | \$181,000 | \$446,000 |
| Sulphur | Southland Field | \$7,788,000 | \$5,344,000 | \$13,132,000 |
| Tallulah | Scott | \$559,000 | \$388,000 | \$947,000 |
| Tallulah/Vicksburg, MS | Vicksburg Tallulah Regional | \$2,990,000 | \$2,078,000 | \$5,068,000 |
| Thibodaux | Thibodaux Municipal | \$265,000 | \$185,000 | \$450,000 |
| Vidalia | Concordia Parish | \$1,370,000 | \$965,000 | \$2,335,000 |
| Vivian | Vivian | \$1,473,000 | \$1,054,000 | \$2,527,000 |
| Welsh | Welsh | \$898,000 | \$592,000 | \$1,490,000 |
| Winnfield | David G. Joyce | \$196,000 | \$138,000 | \$334,000 |
| Winnsboro | Winnsboro Municipal | \$1,503,000 | \$1,001,000 | \$2,504,000 |
| Woodworth | Woodworth | \$1,304,000 | \$870,000 | \$2,174,000 |
| General Aviation Airports Total | | \$746,022,000 | \$507,211,000 | \$1,253,233,000 |
| All Airports Total | | \$5,585,924,000 | \$3,731,846,000 | \$9,317,770,000 |

Source: CDM Smith and IMPLAN.

Table A-21: Total Economic Impacts from Louisiana Airports

| Associated City | Airport Name | Total Employment | Total Payroll | Total Output |
|--|--|------------------|------------------------|------------------------|
| Commercial Service Airports | | | | |
| Alexandria | England Airpark/Alexandria International Airpark | 2,322 | \$90,548,000 | \$276,777,000 |
| Baton Rouge | Baton Rouge Metropolitan, Ryan Field | 3,022 | \$115,494,000 | \$356,510,000 |
| Lafayette | Lafayette Regional | 3,514 | \$166,882,000 | \$814,226,000 |
| Lake Charles | Lake Charles Regional | 1,983 | \$72,854,000 | \$311,191,000 |
| Monroe | Monroe Regional | 693 | \$26,114,000 | \$83,308,000 |
| New Orleans | Louis Armstrong New Orleans International | 59,226 | \$1,648,513,000 | \$5,974,596,000 |
| Shreveport | Shreveport Regional | 2,250 | \$81,395,000 | \$247,929,000 |
| Commercial Service Airports Total | | 73,010 | \$2,201,800,000 | \$8,064,537,000 |
| General Aviation Airports | | | | |
| Abbeville | Abbeville Chris Crusta Memorial | 147 | \$3,891,000 | \$11,023,000 |
| Alexandria | Esler Regional | 354 | \$14,900,000 | \$17,068,000 |
| Arcadia | Arcadia-Bienville Parish | 6 | \$133,000 | \$322,000 |
| Bastrop | Morehouse Memorial | 33 | \$960,000 | \$3,229,000 |
| Bogalusa | George R. Carr Memorial Air Field | 49 | \$1,379,000 | \$5,118,000 |
| Bunkie | Bunkie Municipal | 18 | \$83,000 | \$226,000 |
| Columbia | Columbia | 9 | \$206,000 | \$520,000 |
| Coushatta | The Red River | 14 | \$552,000 | \$1,863,000 |
| Covington | St. Tammany Regional | 39 | \$931,000 | \$3,029,000 |
| Crowley | Le Gros Memorial | 64 | \$2,183,000 | \$7,282,000 |
| De Quincy | De Quincy Industrial Airpark | 17 | \$468,000 | \$1,756,000 |
| De Ridder | Beauregard Regional | 27 | \$749,000 | \$2,031,000 |
| Delhi | Delhi Municipal | 7 | \$158,000 | \$390,000 |
| Eunice | Eunice | 25 | \$820,000 | \$2,725,000 |
| Farmerville | Union Parish | 14 | \$269,000 | \$921,000 |
| Franklinton | Franklinton | 13 | \$291,000 | \$754,000 |
| Galliano | South Lafourche Leonard Miller Jr. | 529 | \$18,007,000 | \$97,628,000 |
| Gonzales | Louisiana Regional | 189 | \$5,459,000 | \$15,809,000 |
| Hammond | Hammond Northshore Regional | 1,798 | \$73,393,000 | \$132,834,000 |
| Homer | Homer Municipal | 8 | \$211,000 | \$735,000 |
| Houma | Houma-Terrebonne | 740 | \$32,006,000 | \$170,259,000 |
| Jeanerette | Le Maire Memorial | 20 | \$567,000 | \$2,115,000 |
| Jena | Jena | 14 | \$335,000 | \$968,000 |
| Jennings | Jennings | 159 | \$4,027,000 | \$14,094,000 |
| Jonesboro | Jonesboro | 10 | \$228,000 | \$681,000 |
| Jonesville | Jonesville | 92 | \$2,583,000 | \$7,215,000 |
| Lake Charles | Chennault International | 3,136 | \$119,507,000 | \$379,947,000 |
| Lake Providence | Byerley | 14 | \$409,000 | \$2,442,000 |
| Leesville | Leesville | 17 | \$488,000 | \$1,638,000 |
| Mansfield | C.E. "Rusty" Williams | 24 | \$487,000 | \$1,778,000 |

| Associated City | Airport Name | Total Employment | Total Payroll | Total Output |
|--|--|------------------|------------------------|------------------------|
| Many | Hart | 9 | \$232,000 | \$643,000 |
| Marksville | Marksville Municipal | 8 | \$172,000 | \$527,000 |
| Minden | Minden | 35 | \$1,349,000 | \$4,396,000 |
| Natchitoches | Natchitoches Regional | 92 | \$3,556,000 | \$14,972,000 |
| New Iberia | Acadiana Regional | 1,114 | \$33,688,000 | \$76,195,000 |
| New Orleans | Lakefront | 596 | \$26,071,000 | \$69,360,000 |
| New Roads | False River Regional | 202 | \$7,503,000 | \$24,057,000 |
| Oak Grove | Kelly | 21 | \$448,000 | \$1,497,000 |
| Oakdale | Allen Parish | 56 | \$1,803,000 | \$8,505,000 |
| Olla | Olla | 16 | \$506,000 | \$1,655,000 |
| Opelousas | St. Landry Parish-Ahart Field | 44 | \$1,262,000 | \$4,163,000 |
| Patterson | Harry P. Williams Memorial | 336 | \$9,732,000 | \$40,877,000 |
| Pineville | Pineville Municipal | 40 | \$852,000 | \$2,575,000 |
| Pollock | Pollock Municipal | 2 | \$9,000 | \$36,000 |
| Rayville | John H. Hooks Jr. Memorial | 18 | \$513,000 | \$1,530,000 |
| Reserve | Port of South Louisiana Executive Regional | 30 | \$923,000 | \$3,137,000 |
| Ruston | Ruston Regional | 148 | \$4,791,000 | \$17,809,000 |
| Shreveport | Shreveport Downtown | 304 | \$9,037,000 | \$26,805,000 |
| Slidell | Slidell | 383 | \$13,361,000 | \$36,168,000 |
| Springhill | Springhill | 6 | \$144,000 | \$519,000 |
| St. Joseph | Tensas Parish | 7 | \$151,000 | \$446,000 |
| Sulphur | Southland Field | 111 | \$3,803,000 | \$13,132,000 |
| Tallulah | Scott | 17 | \$408,000 | \$947,000 |
| Tallulah/Vicksburg, MS | Vicksburg Tallulah Regional | 61 | \$1,691,000 | \$5,068,000 |
| Thibodaux | Thibodaux Municipal | 12 | \$213,000 | \$450,000 |
| Vidalia | Concordia Parish | 23 | \$565,000 | \$2,335,000 |
| Vivian | Vivian | 27 | \$729,000 | \$2,527,000 |
| Welsh | Welsh | 26 | \$473,000 | \$1,490,000 |
| Winnfield | David G. Joyce | 4 | \$99,000 | \$334,000 |
| Winnsboro | Winnsboro Municipal | 27 | \$824,000 | \$2,504,000 |
| Woodworth | Woodworth | 23 | \$681,000 | \$2,174,000 |
| General Aviation Airports Total | | 11,384 | \$411,269,000 | \$1,253,233,000 |
| All Airports Total | | 84,394 | \$2,613,069,000 | \$9,317,770,000 |

Source: CDM Smith and IMPLAN.