



TEXAS AVIATION

Economic Impact Study

TECHNICAL REPORT 2018



Texas Aviation Economic Impact Study

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TABLE OF CONTENTS



CHAPTER 1: Study Overview and Results	1-1
Texas Airports Show Robust Economic Growth.....	1-1
TXDOT Leads A Coordinated Effort for Airport Development	1-2
Texas Is A Leader in Aviation and Aerospace	1-2
All Facets of The Airport System Were Engaged	1-3
A Complete Picture of The System’s Benefits.....	1-5
The Conclusion – Airport Benefits Continue to Soar	1-5
CHAPTER 2: Socioeconomic Overview of Texas	2-1
Population Trends	2-1
Gross State Product	2-4
Employment Trends	2-4
Industry Split.....	2-6
Summary	2-6
CHAPTER 3: The Economic Modeling Process	3-1
Study Approach.....	3-1
Measures of Economic Impact.....	3-1
Categories of Economic Impact.....	3-1
Types of Economic Impact.....	3-2
Data Collection Methods	3-4
On-Airport Activity.....	3-4
Capital Improvement Impacts.....	3-6
Commercial Service Visitors.....	3-6
General Aviation Visitors	3-7
Multiplier Impacts	3-10
Total Impacts	3-11
CHAPTER 4: Economic Impacts of Texas Airports	4-1
Statewide Economic Impact of Airports.....	4-1
Employment Impacts.....	4-2
On-Airport Employment	4-2
Construction Employment	4-3
Commercial Service Visitor-Related Employment.....	4-4
General Aviation Visitor-Related Employment.....	4-4
Payroll Impacts	4-6
On-Airport Payroll	4-6
Construction Payroll	4-6
Commercial Service Visitor-Related Payroll	4-7
General Aviation Visitor-Related Payroll	4-8
Total Payroll	4-8
Output Impacts.....	4-9
On-Airport Output	4-9

Construction Output	4-10
Commercial Service Visitor-Related Output	4-10
General Aviation Visitor-Related Output	4-11
Total Output.....	4-11
Comparison to Previous Study	4-12
Summary	4-13
CHAPTER 5: Business Use of Aviation	5-1
Business Aviation	5-1
Overview of Business Aviation	5-1
Benefits of Business Aviation	5-3
Accessibility.....	5-3
On-Demand Aviation	5-3
Employee Productivity	5-3
Company Performance, Profits and Return to Shareholders	5-4
Safety and Security	5-5
Humanitarian Efforts.....	5-5
Summary	5-7

LIST OF FIGURES

Figure 1-1 Texas System Airports..... 1-4
Figure 2-1 Historic Population Growth by Texas County, 2005-2015..... 2-2
Figure 2-2 Forecasted Population Growth by Texas County, 2015-2025..... 2-3
Figure 2-3 Gross State Product of Texas and Gross Domestic Product of USA
(Billions of U.S. Dollars) 2-4
Figure 2-4 Historic Texas Jobs, 2007-2017..... 2-5
Figure 2-5 Historic Texas and National Unemployment Rates, 2007-2017 2-5
Figure 2-6 Industry Split of Texas Economy, 2017 2-6
Figure 3-1 Illustration of Economic Impacts..... 3-3
Figure 5-1 Percentage of Industry “Best Of” Lists Made Up of Business Aviation Users 5-4

List of Tables

Table 1-1 Total Economic Impacts of Texas System Airports 1-6
Table 3-1 Texas IMPLAN Multipliers by Economy Sector 3-10
Table 4-1 On-Airport Employment..... 4-2
Table 4-2 Construction Employment 4-3
Table 4-3 Commercial Service Visitor-Related Employment 4-4
Table 4-4 General Aviation Visitor-Related Employment 4-5
Table 4-5 Total Employment..... 4-5
Table 4-6 On-Airport Payroll 4-6
Table 4-7 Construction Payroll 4-7
Table 4-8 Commercial Service Visitor-Related Payroll 4-7
Table 4-9 General Aviation Visitor-Related Payroll 4-8
Table 4-10 Total Payroll..... 4-9
Table 4-11 On-Airport Output..... 4-10
Table 4-12 Construction Output 4-10
Table 4-13 Commercial Service Visitor-Related Output 4-11
Table 4-14 General Aviation Visitor-Related Output 4-11
Table 4-15 Total Output 4-12
Table 4-16 Comparison of Total Economic Impacts 4-12

Appendices

Appendix A Economic Impact Tables

Table A-1: Estimates of General Aviation Visitors to Texas Airports.....	A-2
Table A-2: On-Airport Employment from Texas Airports.....	A-9
Table A-3: Construction Employment from Texas Airports.....	A-16
Table A-4: Commercial Service Visitor-Related Employment from Texas Airports.....	A-23
Table A-5: General Aviation Visitor-Related Employment from Texas Airports.....	A-24
Table A-6: Total Employment from Texas Airports.....	A-31
Table A-7: On-Airport Payroll from Texas Airports.....	A-38
Table A-8: Construction Payroll from Texas Airports.....	A-45
Table A-9: Commercial Service Visitor-Related Payroll from Texas Airports.....	A-52
Table A-10: General Aviation Visitor-Related Payroll from Texas Airports.....	A-53
Table A-11: Total Payroll from Texas Airports.....	A-60
Table A-12: On-Airport Output from Texas Airports.....	A-67
Table A-13: Construction Output from Texas Airports.....	A-74
Table A-14: Commercial Service Visitor-Related Output from Texas Airports.....	A-81
Table A-15: General Aviation Visitor-Related Output from Texas Airports.....	A-82
Table A-16: Total Output from Texas Airports.....	A-89

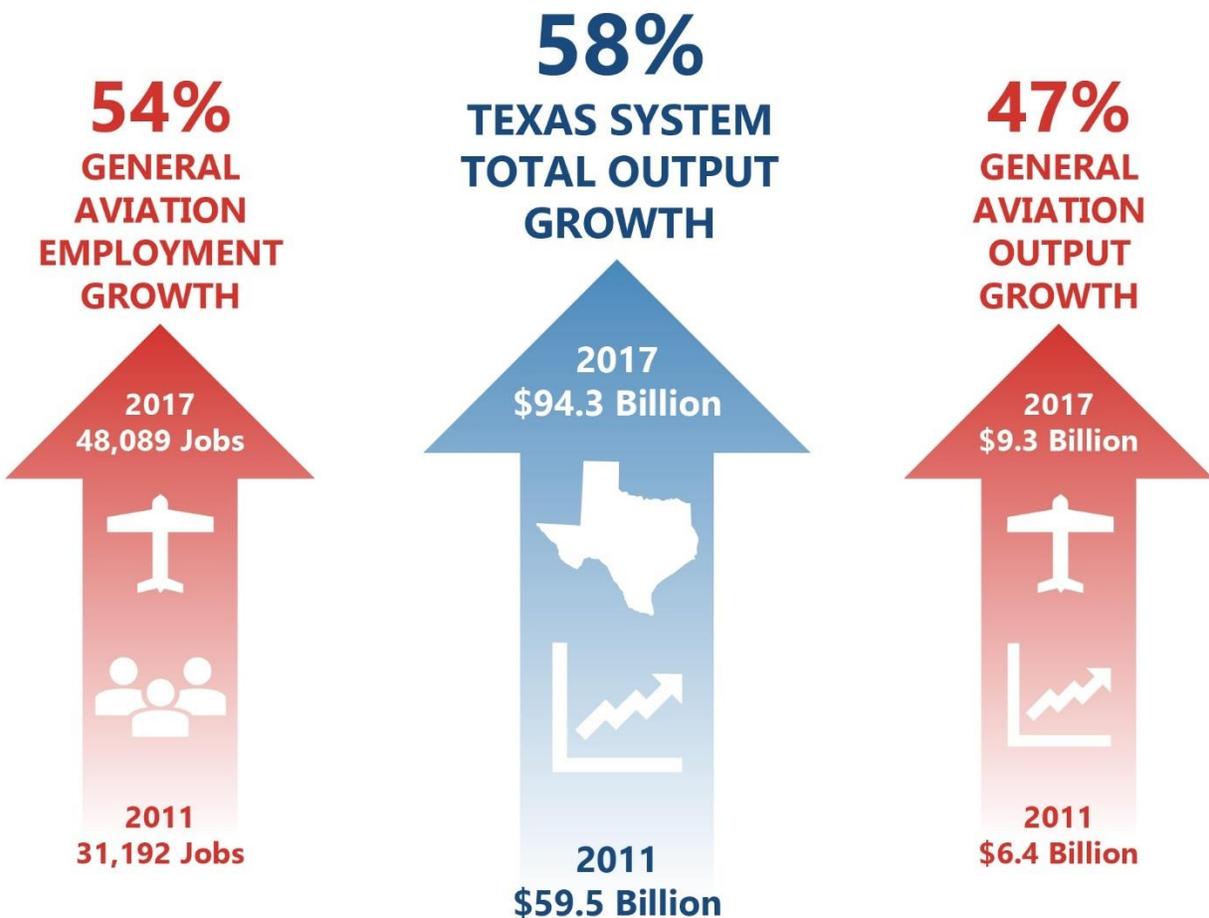


CHAPTER 1: STUDY OVERVIEW AND RESULTS

TEXAS AIRPORTS SHOW ROBUST ECONOMIC GROWTH

Texas is served by a robust, 289-airport system, a key element of the state's transportation network that attracts business, facilitates the travel of residents and visitors, and supports countless services such as military, law enforcement, and agriculture. Connections made through the airport system lead to the continued growth of Texas's metropolitan areas while providing invaluable access to the state's more rural communities. The Texas Department of Transportation's (TxDOT) Aviation Division has commissioned the *Texas Aviation Economic Impact Study* to examine the value these connections bring to local communities across the state.

The results of the 2017 study clearly show that Texas's 25 commercial service airports and 264 general aviation airports continue to be major catalysts for well-paying, quality jobs. When results from the 2017 are compared to the last statewide economic impact (2011), employment and output have shown a significant increase.



TXDOT LEADS A COORDINATED EFFORT FOR AIRPORT DEVELOPMENT

Since 1966, the State of Texas has participated in the development of a statewide system of airports by providing grants to communities for airport improvements. Beginning in 1993, Texas became part of the Federal Aviation Administration’s (FAA) State Block Grant Program. Texas is one of 10 states in the program and it allows TxDOT’s Aviation Division to serve as the FAA’s agent in administering grant funding under their Airport Improvement Program.

This economic impact study is a key component of the overall system planning effort undertaken by TxDOT’s Aviation Division. The Aviation Division constantly engages airport sponsors and stakeholders and periodically updates the *Texas Airport System Plan* that aids the Division in identifying the roles and future needs of system airports. This system planning process assists the Division in determining what capital improvements would best serve the state’s aviation needs. TxDOT continuously updates its three-year Aviation Capital Improvement Program with input from airport sponsors. This detailed listing of projects is updated and submitted annually for approval to the Texas Transportation Commission.



Lobby at TSTC Waco Airport

TxDOT annually invests approximately \$70 million in the airport system’s 264 general aviation airports. While that may change somewhat from year to year, it represents the combined investment from federal, state, and local sources. The Aviation Division works to enhance safety, preserves existing facilities, responds to present needs, and provides for future needs.

TEXAS IS A LEADER IN AVIATION AND AEROSPACE

It should also be noted that, while the focus of this study is the Texas airport system, and its general aviation airports in particular, Texas has extensive aerospace activity in addition to what is tied to its system airports. Aviation economic activity related to military bases, aerospace manufacturing firms, and space exploration is extensive. According to the 2017 *Texas Aerospace, Aviation and Defense* report, the aerospace industry in Texas employs more than 135,000 workers at 1,300 companies. In terms of air transportation jobs, Texas ranks number one among all U.S. states. Furthermore, there are more aircraft mechanics and airfield operations specialists working in Texas than any other state.

Texas is also one of the top states for aerospace manufacturing jobs. Of the 20 largest aerospace manufacturers in the world, 17 operate major facilities in Texas, with employers such as Boeing, Airbus, Lockheed Martin, and General Electric employing 9 percent of the U.S. aerospace manufacturing workforce there. So, while the impacts associated with the Texas system airports are substantial, it is important to remember that the airport system is only part of an even larger aerospace industry that stimulates the Texas economy.

ALL FACETS OF THE AIRPORT SYSTEM WERE ENGAGED

In the 2017 study, airports and their businesses and tenants were surveyed and analyzed to determine the employment, payroll, and economic output that they generate through direct and indirect means. Companies from multiple sectors use Texas airports to visit offices and work sites, transport employees, ship products, and to base their business. The Texas airport system offers the opportunity for connections to the domestic and international markets via commercial service and general aviation travel. Corporate flight departments rely on both types of airports, simplifying travel in an age where business is ever-evolving. Airports operating in major metropolitan areas such as Houston, Dallas, Fort Worth, San Antonio, and Austin have witnessed great success in providing homes for aircraft flying for Fortune 500 companies involved in oil and gas, technology, defense, and other industries. The aviation industry also brings tourists to Texas for diverse recreation opportunities. Businesses off-airport benefit from visitor spending during their trip. This aviation economic activity generates additional impacts as it recirculates amongst other companies and households throughout Texas.

Airports play an integral role in disaster mitigation and recovery. They provide government agencies with aerial access to prevent and put out wildfires as well as rapid contact to communities along the Gulf of Mexico where severe storms can cripple critical resources and place a great number of lives in danger. For example, the Aransas County Airport in Rockport played an important role after Hurricane Harvey. Airport and TxDOT staff worked tirelessly to clear the airport for use within four days after the hurricane made landfall. Once operational, the airport served as a staging area for crews helping to restore utilities and buildings and welcomed aircraft from around the nation bringing aid supplies to Texas. Airports will continue to play a major role in disaster mitigation and recovery as processes and planning focus on best practices and improvements to prepare for future events.

Other airports in the system provide homes to tenants that play a prominent, but not always visible role in the everyday lives of Texas residents. Agricultural operations at smaller airports throughout rural Texas have easy access to farmland and keep valuable cotton and food crops safe from pests and disease. Airports along the Mexico border are home to U.S. Customs and Border Patrol and Texas Department of Public Safety outfits that provide monitoring and security via helicopters and airplanes. These industries play important roles that may be overlooked but rely on airports for their success.



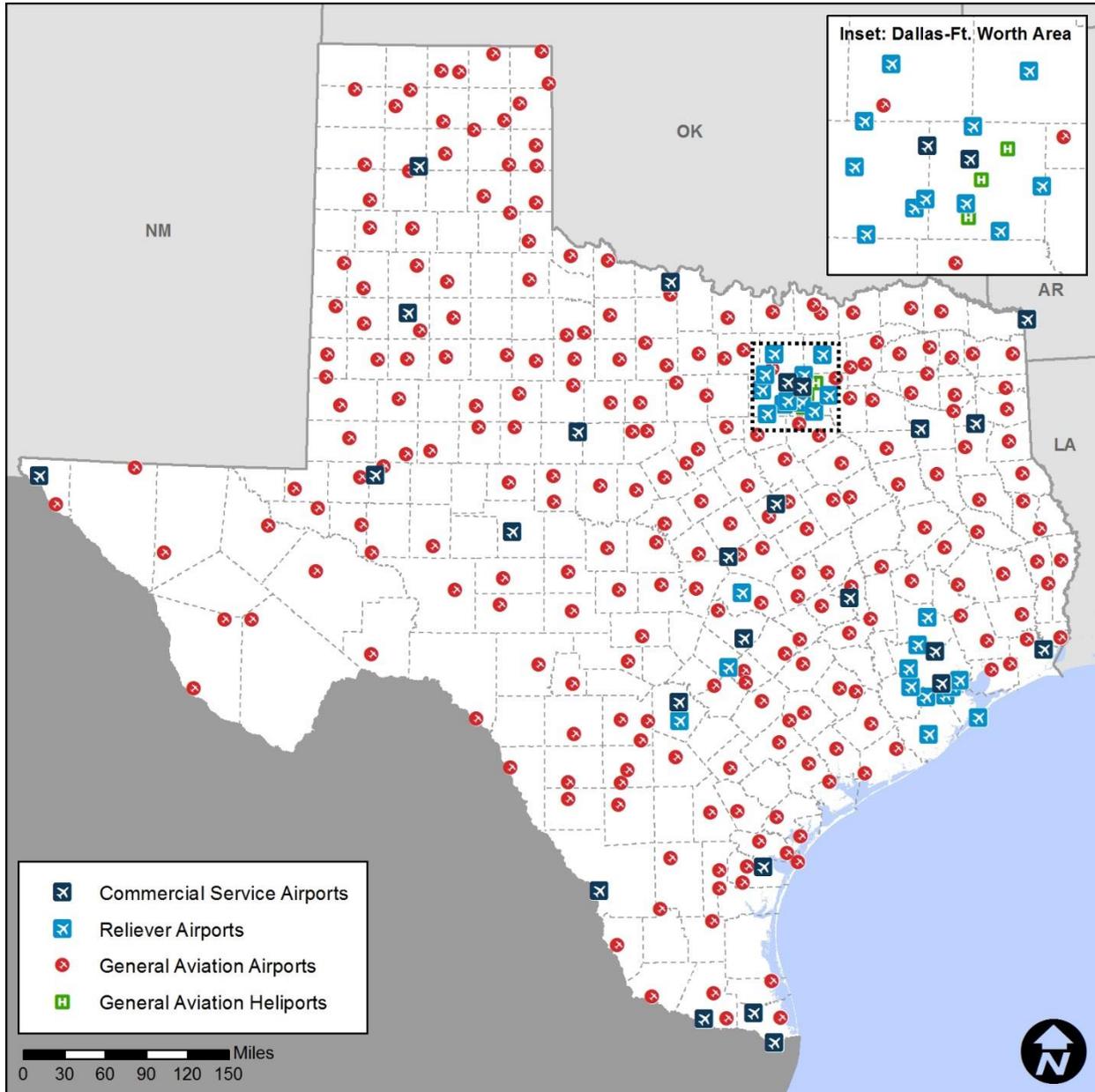
Planes on the apron at Midland Airpark

These industries provide context for the data and results presented throughout this report and illustrate the importance of airports to the Texas economy.

The 25 commercial service and 264 general aviation airports that make up Texas's airport system, as shown in **Figure 1-1** vary in size and function. This study estimates the various economic impacts produced by the assorted aviation-related activities associated with each of these airports. Airports

were contacted, many through on-site visits, by study team members to gather data from airport staff, tenants, and visitors to quantify the activity and investment taking place. This data is then categorized by on-airport activity, capital improvement expenditures, and spending from visitors arriving via commercial service and general aviation aircraft. Analyzing data from these categories leads to measurements of jobs, annual payroll, and annual output stemming from each system airport. For this study, data and multipliers used in the development of the model are for the year 2017.

**Figure 1-1
Texas System Airports**



Source: CDM Smith.

A COMPLETE PICTURE OF THE SYSTEM'S BENEFITS

The Technical Report presents a complete picture of the many benefits stemming from the Texas airport system, outlining 2017 results with background information and connections to unique airports in the system to provide useful insight into the total value these facilities bring to Texas.

- **Chapter 1, *Study Overview***, provides a background on the study, significant findings, and summarized airport results.
- **Chapter 2, *Socioeconomic Overview of Texas***, depicts the trends in Texas population and employment, and discusses key aspects of the Texas economy and its industries.
- **Chapter 3, *The Economic Modeling Process***, outlines the methodology used to collect data, analyze findings, and produce valuable quantitative results.
- **Chapter 4, *Economic Impacts of Texas Airports***, separates results by three measures, employment, payroll, and output, and further breaks down results by on-airport activity, capital improvements, and visitor-related impacts, by both commercial service and general aviation visitors.
- **Chapter 5, *Business Use of Aviation***, identifies the benefits of business operations at airports in the United States and Texas and the significance they hold in general aviation operations.

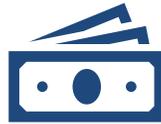
THE CONCLUSION – AIRPORT BENEFITS CONTINUE TO SOAR

Results from the *Texas Aviation Economic Impact Study* indicate the tremendous strength of Texas's overall system.



EMPLOYMENT

778,955



PAYROLL

\$30.1 BILLION



OUTPUT

\$94.3 BILLION

The 264 general aviation airports contribute more than 48,000 jobs with a payroll of nearly \$2.6 billion. As presented above, these numbers represent a significant increase since the system was last evaluated in 2011. The total output attributable to general aviation airports surpasses \$9.3 billion. This report provides a comprehensive analysis of Texas airports and the results of the study, identifying the socioeconomic make-up of the study area, the details of the study approach and impacts by category, and the importance of business aviation. The following findings demonstrate the stature and importance of the Texas aviation system.

- Nearly 17,150 direct jobs (those jobs associated with where the initial point of economic activity occurs) are found on general aviation airports, with an associated payroll of \$1.4 billion and output of \$4.5 billion.
- General aviation visitors support 5,621 direct jobs, nearly \$134.8 million in annual payroll, and \$325.8 million in annual output.



Cessna 182 preparing to park

- Commercial service airports support approximately 112,500 direct on-airport jobs that generate \$7.3 billion in payroll and \$23.9 billion in output.
- Commercial service airport visitors are responsible for 345,508 direct jobs, \$8.3 billion in annual payroll, and nearly \$19.0 billion in annual expenditures.
- On average, Texas system airports and their businesses invest \$1.5 billion annually in capital projects. These projects result in more than 9,600 direct jobs with pay and benefits of \$347.1 million.

In addition to these economic benefits, Texas airports deliver an assortment of qualitative benefits. For example, airports across the state support the oil and gas industry as gateways to remote operations involving oil rigs, pipelines, and processing plants. They provide training grounds for flight crews and aircraft maintainers, necessary for the future of the aviation industry.

The total economic impact of each system airport is presented in **Table 1-1** below.

Table 1-1
Total Economic Impacts of Texas System Airports

Associated City	Airport	Total Employment	Total Payroll	Total Output
<i>Commercial Service Airports</i>				
Abilene	Abilene Regional	2,649	\$112,584,000	\$362,636,000
Amarillo	Rick Husband Amarillo International	11,381	\$419,520,000	\$1,233,171,000
Austin	Austin-Bergstrom International	74,148	\$2,506,178,000	\$7,605,871,000
Beaumont/Port Arthur	Jack Brooks Regional	405	\$14,446,000	\$39,817,000
Brownsville	Brownsville/South Padre Island International	1,800	\$58,545,000	\$178,916,000
College Station	Easterwood Field	1,333	\$42,821,000	\$124,586,000
Corpus Christi	Corpus Christi International	8,693	\$286,829,000	\$782,479,000
Dallas	Dallas Love Field	60,595	\$1,920,556,000	\$6,106,367,000
Dallas-Fort Worth	Dallas/Fort Worth International	243,506	\$9,292,419,000	\$29,916,566,000
El Paso	El Paso International	24,374	\$725,151,000	\$2,234,988,000
Fort Hood (Killeen)	Killeen-Fort Hood Regional	1,557	\$46,833,000	\$134,880,000
Harlingen	Valley International	4,540	\$148,071,000	\$432,745,000
Houston	George Bush Intercontinental/Houston	161,366	\$7,217,245,000	\$22,748,921,000
Houston	William P Hobby	50,808	\$1,931,812,000	\$4,785,816,000
Laredo	Laredo International	1,667	\$56,491,000	\$180,766,000
Longview	East Texas Regional	681	\$29,847,000	\$88,667,000
Lubbock	Lubbock Preston Smith International	6,203	\$193,548,000	\$565,895,000
Mc Allen	Mc Allen Miller International	7,227	\$231,653,000	\$632,911,000
Midland	Midland International Air and Space Port	10,133	\$334,517,000	\$908,119,000
San Angelo	San Angelo Regional/Mathis Field	1,218	\$44,960,000	\$124,302,000
San Antonio	San Antonio International	52,593	\$1,749,050,000	\$5,316,580,000

STUDY OVERVIEW AND RESULTS

Associated City	Airport	Total Employment	Total Payroll	Total Output
Texarkana, AR	Texarkana Regional Airport-Webb Field	495	\$15,711,000	\$39,684,000
Tyler	Tyler Pounds Regional	1,353	\$50,235,000	\$152,377,000
Waco	Waco Regional	1,179	\$40,938,000	\$113,983,000
Wichita Falls	Sheppard AFB/Wichita Falls Municipal	962	\$32,907,000	\$92,510,000
Commercial Service Airports Total		730,866	\$27,502,867,000	\$84,903,553,000
<i>General Aviation Airports</i>				
Albany	Albany Municipal	7	\$147,000	\$524,000
Alice	Alice International	93	\$2,776,000	\$8,890,000
Alpine	Alpine-Casparis Municipal	81	\$4,263,000	\$12,948,000
Amarillo	Tradewind	41	\$1,419,000	\$4,177,000
Anahuac	Chambers County	8	\$168,000	\$1,319,000
Andrews	Andrews County	19	\$529,000	\$1,716,000
Angleton/Lake Jackson	Texas Gulf Coast Regional	220	\$7,686,000	\$24,498,000
Arlington	Arlington Municipal	906	\$52,136,000	\$236,354,000
Athens	Athens Municipal	19	\$570,000	\$2,397,000
Atlanta	Hall-Miller Municipal	8	\$227,000	\$667,000
Ballinger	Bruce Field	2	\$60,000	\$220,000
Bay City	Bay City Regional	45	\$966,000	\$3,056,000
Beaumont	Beaumont Municipal	47	\$1,350,000	\$5,526,000
Beeville	Beeville Municipal	7	\$207,000	\$771,000
Big Lake	Reagan County	3	\$76,000	\$282,000
Big Spring	Big Spring Mc Mahon-Wrinkle	93	\$4,283,000	\$15,606,000
Bonham	Jones Field	21	\$492,000	\$2,084,000
Borger	Hutchinson County	72	\$3,287,000	\$12,280,000
Bowie	Bowie Municipal	8	\$284,000	\$899,000
Brady	Curtis Field	43	\$1,294,000	\$4,034,000
Breckenridge	Stephens County	100	\$3,002,000	\$7,255,000
Brenham	Brenham Municipal	43	\$1,709,000	\$5,832,000
Bridgeport	Bridgeport Municipal	20	\$499,000	\$1,303,000
Brownfield	Terry County	16	\$376,000	\$1,727,000
Brownwood	Brownwood Regional	66	\$2,414,000	\$9,443,000
Bryan	Coulter Field	66	\$3,588,000	\$11,539,000
Burnet	Burnet Municipal Kate Craddock Field	38	\$1,268,000	\$5,654,000
Caddo Mills	Caddo Mills Municipal	52	\$1,282,000	\$3,463,000
Caldwell	Caldwell Municipal	8	\$220,000	\$824,000
Cameron	Cameron Municipal Airpark	1	\$22,000	\$124,000
Canadian	Hemphill County	12	\$323,000	\$939,000
Carrizo Springs	Dimmit County	39	\$1,676,000	\$6,318,000
Carthage	Panola County-Sharpe Field	6	\$189,000	\$646,000
Castroville	Castroville Municipal	51	\$1,042,000	\$3,943,000
Center	Center Municipal	6	\$207,000	\$680,000
Childress	Childress Municipal	28	\$1,163,000	\$4,801,000
Cisco	Cisco Municipal	2	\$31,000	\$110,000

STUDY OVERVIEW AND RESULTS

Associated City	Airport	Total Employment	Total Payroll	Total Output
Clarksville	Clarksville/Red River County- J D Trissell Field	3	\$53,000	\$176,000
Cleburne	Cleburne Regional	96	\$2,702,000	\$8,948,000
Cleveland	Cleveland Municipal	17	\$488,000	\$1,878,000
Clifton	Clifton Municipal/Isenhower Field	19	\$472,000	\$2,050,000
Coleman	Coleman Municipal	4	\$114,000	\$909,000
Colorado City	Colorado City	9	\$191,000	\$936,000
Columbus	Robert R Wells Jr.	5	\$55,000	\$229,000
Comanche	Comanche County-City	5	\$130,000	\$401,000
Commerce	Commerce Municipal	19	\$584,000	\$2,342,000
Corsicana	C David Campbell Field- Corsicana Municipal	22	\$561,000	\$1,979,000
Cotulla	Cotulla-La Salle County	29	\$683,000	\$2,670,000
Crane	Crane County	1	\$34,000	\$136,000
Crockett	Houston County	4	\$126,000	\$397,000
Crosbyton	Crosbyton Municipal	19	\$382,000	\$2,109,000
Dalhart	Dalhart Municipal	42	\$1,081,000	\$4,959,000
Dallas	Addison	3,212	\$147,382,000	\$467,378,000
Dallas	Dallas CBD Vertiport	1	\$25,000	\$668,000
Dallas	Dallas Executive	456	\$15,123,000	\$54,816,000
McKinney	McKinney National	993	\$64,272,000	\$212,717,000
Decatur	Decatur Municipal	65	\$2,641,000	\$8,926,000
Del Rio	Del Rio International	135	\$6,073,000	\$19,027,000
Dell City	Dell City Municipal	4	\$87,000	\$432,000
Denton	Denton Enterprise	1,435	\$45,840,000	\$156,338,000
Denver City	Denver City	2	\$49,000	\$174,000
Desoto	Desoto Heliport	37	\$1,766,000	\$7,090,000
Devine	Devine Municipal	34	\$866,000	\$2,591,000
Dimmitt	Dimmitt Municipal	4	\$92,000	\$507,000
Dryden	Terrell County	5	\$110,000	\$449,000
Dublin	Dublin Municipal	7	\$179,000	\$649,000
Dumas	Moore County	42	\$1,296,000	\$6,688,000
Eagle Lake	Eagle Lake	53	\$1,293,000	\$5,598,000
Eagle Pass	Maverick County Memorial International	7	\$208,000	\$986,000
Eastland	Eastland Municipal	31	\$1,273,000	\$4,555,000
Edinburg	South Texas International at Edinburg	73	\$3,515,000	\$10,041,000
Edna	Jackson County	10	\$308,000	\$745,000
Ennis	Ennis Municipal	18	\$491,000	\$2,175,000
Fabens	Fabens	14	\$352,000	\$1,317,000
Falfurrias	Brooks County	16	\$440,000	\$1,596,000
Floydada	Floydada Municipal	25	\$599,000	\$2,892,000
Fort Stockton	Fort Stockton-Pecos County	14	\$398,000	\$1,722,000
Fort Worth	Fort Worth Alliance	3,410	\$148,928,000	\$519,006,000
Fort Worth	Fort Worth Meacham International	2,162	\$100,933,000	\$326,447,000
Fort Worth	Fort Worth Spinks	388	\$13,444,000	\$39,086,000

STUDY OVERVIEW AND RESULTS

Associated City	Airport	Total Employment	Total Payroll	Total Output
Fredericksburg	Gillespie County	103	\$4,016,000	\$13,727,000
Gainesville	Gainesville Municipal	2,291	\$62,066,000	\$172,770,000
Galveston	Scholes International at Galveston	361	\$15,778,000	\$42,878,000
Garland	Garland/DFW Heloplex	73	\$4,121,000	\$15,047,000
Gatesville	Gatesville Municipal	13	\$387,000	\$1,627,000
George West	Live Oak County	9	\$260,000	\$1,122,000
Georgetown	Georgetown Municipal	546	\$14,757,000	\$52,663,000
Giddings	Giddings-Lee County	9	\$271,000	\$1,153,000
Gilmer	Fox Stephens Field-Gilmer Municipal	19	\$494,000	\$1,457,000
Gladewater	Gladewater Municipal	26	\$545,000	\$1,467,000
Gonzales	Roger M. Dreyer Memorial	2	\$60,000	\$226,000
Graford	Possum Kingdom	2	\$55,000	\$180,000
Graham	Graham Municipal	16	\$745,000	\$1,967,000
Granbury	Granbury Regional	135	\$4,905,000	\$18,473,000
Grand Prairie	Grand Prairie Municipal	2,184	\$104,617,000	\$361,171,000
Greenville	Majors	9,115	\$969,003,000	\$4,083,384,000
Gruver	Gruver Municipal	19	\$395,000	\$2,240,000
Hallettsville	Hallettsville Municipal	2	\$79,000	\$422,000
Hamilton	Hamilton Municipal	6	\$158,000	\$516,000
Haskell	Haskell Municipal	12	\$275,000	\$1,352,000
Hearne	Hearne Municipal	15	\$323,000	\$1,712,000
Hebbronville	Jim Hogg County	3	\$76,000	\$377,000
Henderson	Rusk County	13	\$389,000	\$1,983,000
Hereford	Hereford Municipal	35	\$802,000	\$3,898,000
Hillsboro	Hillsboro Municipal	32	\$917,000	\$3,908,000
Hondo	South Texas Regional at Hondo	162	\$3,894,000	\$11,582,000
Houston	Conroe-North Houston Regional	1,170	\$48,281,000	\$136,330,000
Houston	David Wayne Hooks Memorial	806	\$29,871,000	\$91,725,000
Houston	Ellington Field	2,599	\$130,090,000	\$332,857,000
Houston	Houston-Southwest	189	\$5,413,000	\$14,931,000
Houston	Pearland Regional	154	\$5,669,000	\$18,862,000
Houston	Sugar Land Regional	692	\$32,478,000	\$92,993,000
Houston	West Houston	215	\$7,442,000	\$22,413,000
Huntsville	Huntsville Municipal	44	\$1,228,000	\$3,664,000
Ingleside	McC Campbell-Porter	118	\$4,190,000	\$17,850,000
Jacksboro	Jacksboro Municipal	4	\$100,000	\$338,000
Jacksonville	Cherokee County	97	\$3,875,000	\$10,137,000
Jasper	Jasper County-Bell Field	10	\$297,000	\$1,024,000
Jayton	Kent County	1	\$27,000	\$134,000
Jefferson	Cypress River	2	\$71,000	\$278,000
Junction	Kimble County	20	\$476,000	\$2,097,000
Kenedy	Karnes County	5	\$123,000	\$524,000
Kerrville	Kerrville Municipal/Louis Schreiner Field	680	\$16,814,000	\$38,330,000

STUDY OVERVIEW AND RESULTS

Associated City	Airport	Total Employment	Total Payroll	Total Output
Killeen	Skylark Field	69	\$1,435,000	\$4,302,000
Kingsville	Kleberg County	38	\$1,128,000	\$4,475,000
Kirbyville	Kirbyville	7	\$199,000	\$624,000
Knox City	Harrison Field of Knox City	14	\$284,000	\$1,549,000
Kountze/Silsbee	Hawthorne Field	6	\$178,000	\$771,000
La Grange	Fayette Regional Air Center	26	\$650,000	\$2,237,000
La Porte	La Porte Municipal	71	\$2,340,000	\$9,530,000
Lago Vista	Lago Vista TX-Rusty Allen	34	\$914,000	\$3,509,000
Lamesa	Lamesa Municipal	61	\$1,424,000	\$6,050,000
Lampasas	Lampasas	4	\$124,000	\$592,000
Lancaster	Lancaster Regional	156	\$4,429,000	\$11,911,000
Levelland	Levelland Municipal	35	\$1,279,000	\$4,907,000
Liberty	Liberty Municipal	7	\$192,000	\$578,000
Littlefield	Taylor Brown Municipal	18	\$411,000	\$2,004,000
Livingston	Livingston Municipal	8	\$217,000	\$793,000
Llano	Llano Municipal	19	\$538,000	\$2,334,000
Lockhart	Lockhart Municipal	19	\$491,000	\$1,682,000
Lufkin	Angelina County	153	\$7,558,000	\$25,973,000
Madisonville	Madisonville Municipal	17	\$291,000	\$860,000
Marfa	Marfa Municipal	23	\$663,000	\$1,932,000
Marshall	Harrison County	19	\$509,000	\$1,169,000
Mason	Mason County	2	\$64,000	\$359,000
Mc Camey	Upton County	13	\$435,000	\$2,004,000
Mesquite	Mesquite Metro	281	\$8,559,000	\$22,726,000
Mexia	Mexia-Limestone County	62	\$2,548,000	\$10,562,000
Midland	Midland Airpark	90	\$3,627,000	\$14,596,000
Midlothian/Waxahachie	Mid-Way Regional	202	\$6,000,000	\$22,115,000
Mineola/Quitman	Wood County	13	\$378,000	\$1,356,000
Mineral Wells	Mineral Wells	515	\$23,573,000	\$78,020,000
Monahans	Roy Hurd Memorial	27	\$1,177,000	\$3,611,000
Mount Pleasant	Mount Pleasant Regional	44	\$1,465,000	\$5,203,000
Mount Vernon	Franklin County	3	\$103,000	\$453,000
Muleshoe	Muleshoe Municipal	2	\$60,000	\$226,000
Munday	Munday Municipal	9	\$197,000	\$1,117,000
Nacogdoches	A L Mangham Jr. Regional	18	\$488,000	\$1,391,000
Navasota	Navasota Municipal	11	\$259,000	\$909,000
New Braunfels	New Braunfels Regional	240	\$7,711,000	\$27,331,000
Odessa	Odessa-Schlemeyer Field	202	\$4,665,000	\$15,142,000
Olney	Olney Municipal	786	\$39,402,000	\$145,936,000
Orange	Orange County	19	\$552,000	\$1,823,000
Ozona	Ozona Municipal	8	\$220,000	\$821,000
Paducah	Dan E Richards Municipal	16	\$328,000	\$1,869,000
Palacios	Palacios Municipal	6	\$141,000	\$463,000
Palestine	Palestine Municipal	12	\$352,000	\$1,304,000
Pampa	Perry Lefors Field	14	\$412,000	\$1,475,000
Panhandle	Panhandle-Carson County	16	\$330,000	\$1,912,000
Paris	Cox Field	42	\$1,206,000	\$4,122,000
Pearsall	Mc Kinley Field	6	\$190,000	\$859,000

STUDY OVERVIEW AND RESULTS

Associated City	Airport	Total Employment	Total Payroll	Total Output
Pecos	Pecos Municipal	60	\$1,820,000	\$6,262,000
Perryton	Perryton Ochiltree County	34	\$1,320,000	\$4,810,000
Plains	Yoakum County	24	\$527,000	\$2,036,000
Plainview	Hale County	74	\$3,699,000	\$13,815,000
Pleasanton	Pleasanton Municipal	12	\$288,000	\$811,000
Port Aransas	Mustang Beach	6	\$164,000	\$502,000
Port Isabel	Port Isabel-Cameron County	25	\$696,000	\$3,035,000
Port Lavaca	Calhoun County	33	\$986,000	\$3,517,000
Port Mansfield	Charles R Johnson	1	\$26,000	\$132,000
Presidio	Presidio Lely International	4	\$102,000	\$384,000
Quanah	Quanah Municipal	12	\$269,000	\$1,416,000
Refugio	Rooke Field	6	\$202,000	\$1,087,000
Roanoke	Northwest Regional	291	\$8,009,000	\$32,088,000
Robstown	Nueces County	16	\$492,000	\$1,392,000
Rockdale	H H Coffield Regional	2	\$60,000	\$226,000
Rockport	Aransas County	160	\$5,263,000	\$15,410,000
Rocksprings	Edwards County	1	\$37,000	\$149,000
Rockwall	Ralph M Hall/Rockwall Municipal	25	\$672,000	\$2,342,000
San Antonio	Stinson Municipal	361	\$12,412,000	\$35,617,000
San Marcos	San Marcos Regional	664	\$22,671,000	\$82,109,000
San Saba	San Saba County Municipal	2	\$48,000	\$148,000
Seminole	Gaines County	14	\$415,000	\$1,696,000
Seymour	Seymour Municipal	13	\$176,000	\$856,000
Sherman	Sherman Municipal	11	\$307,000	\$958,000
Sherman/Denison	North Texas Regional/Perrin Field	347	\$7,312,000	\$25,542,000
Sinton	Alfred C 'Bubba' Thomas	28	\$677,000	\$2,141,000
Slaton	Slaton Municipal	22	\$577,000	\$2,242,000
Smithville	Smithville Crawford Municipal	19	\$532,000	\$2,164,000
Snyder	Winston Field	31	\$1,299,000	\$4,500,000
Sonora	Sonora Municipal	2	\$35,000	\$191,000
Spearman	Major Samuel B Cornelius Field	4	\$119,000	\$393,000
Stamford	Arledge Field	10	\$204,000	\$1,003,000
Stephenville	Stephenville Clark Regional	52	\$1,313,000	\$5,239,000
Sulphur Springs	Sulphur Springs Municipal	83	\$3,599,000	\$11,941,000
Sunray	Sunray	30	\$614,000	\$3,337,000
Sweetwater	Avenger Field	13	\$546,000	\$1,968,000
Tahoka	T-Bar	2	\$57,000	\$257,000
Taylor	Taylor Municipal	74	\$1,825,000	\$6,334,000
Temple	Draughton-Miller Central Texas Regional	220	\$11,315,000	\$35,861,000
Terrell	Terrell Municipal	47	\$1,639,000	\$4,806,000
Throckmorton	Throckmorton Municipal	1	\$42,000	\$208,000
Tulia	City of Tulia/Swisher County Municipal	3	\$78,000	\$273,000
Uvalde	Garner Field	386	\$13,653,000	\$43,921,000

STUDY OVERVIEW AND RESULTS

Associated City	Airport	Total Employment	Total Payroll	Total Output
Van Horn	Culberson County	7	\$201,000	\$923,000
Vega	Oldham County	3	\$74,000	\$265,000
Vernon	Wilbarger County	30	\$723,000	\$3,007,000
Victoria	Victoria Regional	272	\$11,699,000	\$42,250,000
McGregor	Mc Gregor Executive	122	\$6,259,000	\$22,776,000
Waco	TSTC Waco	3,358	\$169,178,000	\$552,097,000
Wellington	Marian Airpark	3	\$73,000	\$257,000
Weslaco	Mid Valley	57	\$1,710,000	\$4,738,000
Wharton	Wharton Regional	38	\$1,469,000	\$4,830,000
Wheeler	Wheeler Municipal	1	\$26,000	\$132,000
Wichita Falls	Kickapoo Downtown	71	\$2,846,000	\$8,858,000
Wills Point	Van Zandt County Regional	11	\$176,000	\$706,000
Wink	Winkler County	4	\$123,000	\$571,000
Winnie/Stowell	Chambers County-Winnie Stowell	134	\$2,612,000	\$15,653,000
Winnsboro	Winnsboro Municipal	1	\$33,000	\$164,000
Winters	Winters Municipal	2	\$35,000	\$122,000
Zapata	Zapata County	6	\$136,000	\$487,000
Other Airports		28	\$275,000	\$1,344,000
General Aviation Airports Total		48,089	\$2,576,144,000	\$9,347,159,000
All Airports Total		778,955	\$30,079,011,000	\$94,250,712,000

Source: CDM Smith and IMPLAN



CHAPTER 2: SOCIOECONOMIC OVERVIEW OF TEXAS

Texas is the second most populous state in the nation with more than 27 million residents, and the second largest state by total area. As such, the state's economy is among the most diverse and robust in the United States. Like much of the United States, the economy of Texas was negatively impacted by the recession of 2008 and 2009. However, several indicators reveal that Texas recovered more rapidly than much of the nation. Today, economic indicators show Texas is again at the nation's forefront regarding employment and industry diversification.

The demand for aviation services typically correlates with the economy and its growth. As population and employment grow, so too does demand for airline travel, air cargo shipments, recreational flying, and other aviation-related activities. The following sections provide a brief overview of key population and economic trends in Texas that positively impact aviation demand.

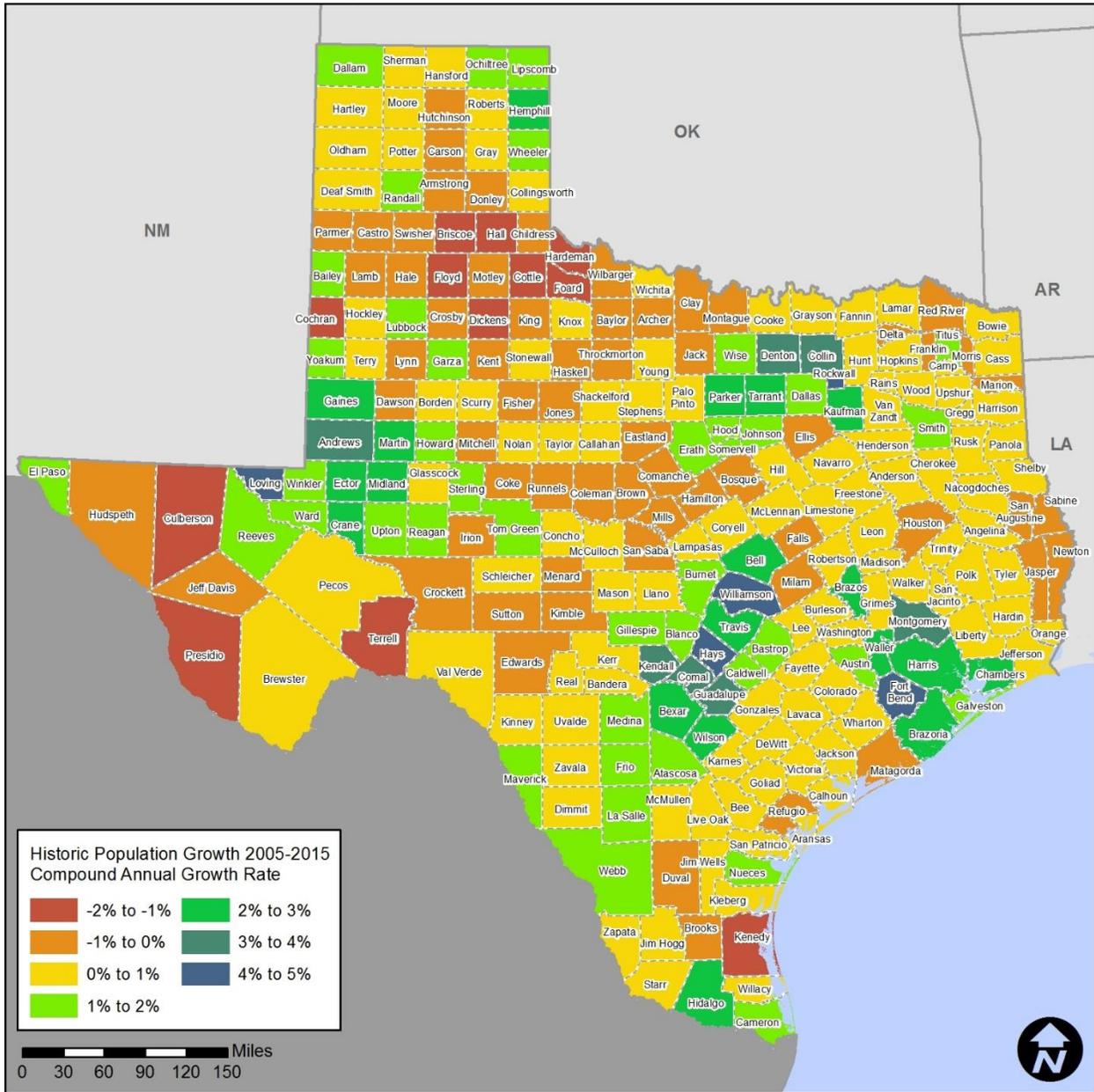
POPULATION TRENDS

Texas' population is spread throughout multiple nodes in its 254 counties, with some counties having fewer than 1,000 total residents and other, largely urban counties having several million residents. The state's most populous county is Harris County, home to Houston. With a population of over 4.5 million residents, Harris County is also the third most populous county in the United States. The next most populous counties in Texas are Dallas County (2.5 million residents), Tarrant County (1.9 million), Bexar County (1.8 million), and Travis County (1.1 million).

From 2005 to 2015, the total population of Texas grew from 22.6 million to 27.3 million, an average annual increase of 1.9 percent, based on Woods & Poole Economics data. This growth rate is significantly higher than the 0.8 percent experienced nationwide over the same period. However, as shown on **Figure 2-1**, Texas did not experience this growth uniformly. As the state's most populous counties, it should be no surprise that Harris, Tarrant, Bexar, Dallas, and Travis counties experienced the most growth by total population increase. However, other very populous counties experienced higher growth rates over this period. Hays, Fort Bend, Williamson, and Rockwall Counties all experienced annual growth rates of over 4 percent from 2005 to 2015. In general, counties that lost population over this period were among the state's least populous counties, showing that Texas is predominantly experiencing population growth in its urban areas. Of the state's 245 counties, 74 experienced a decrease in population from 2005 to 2015.

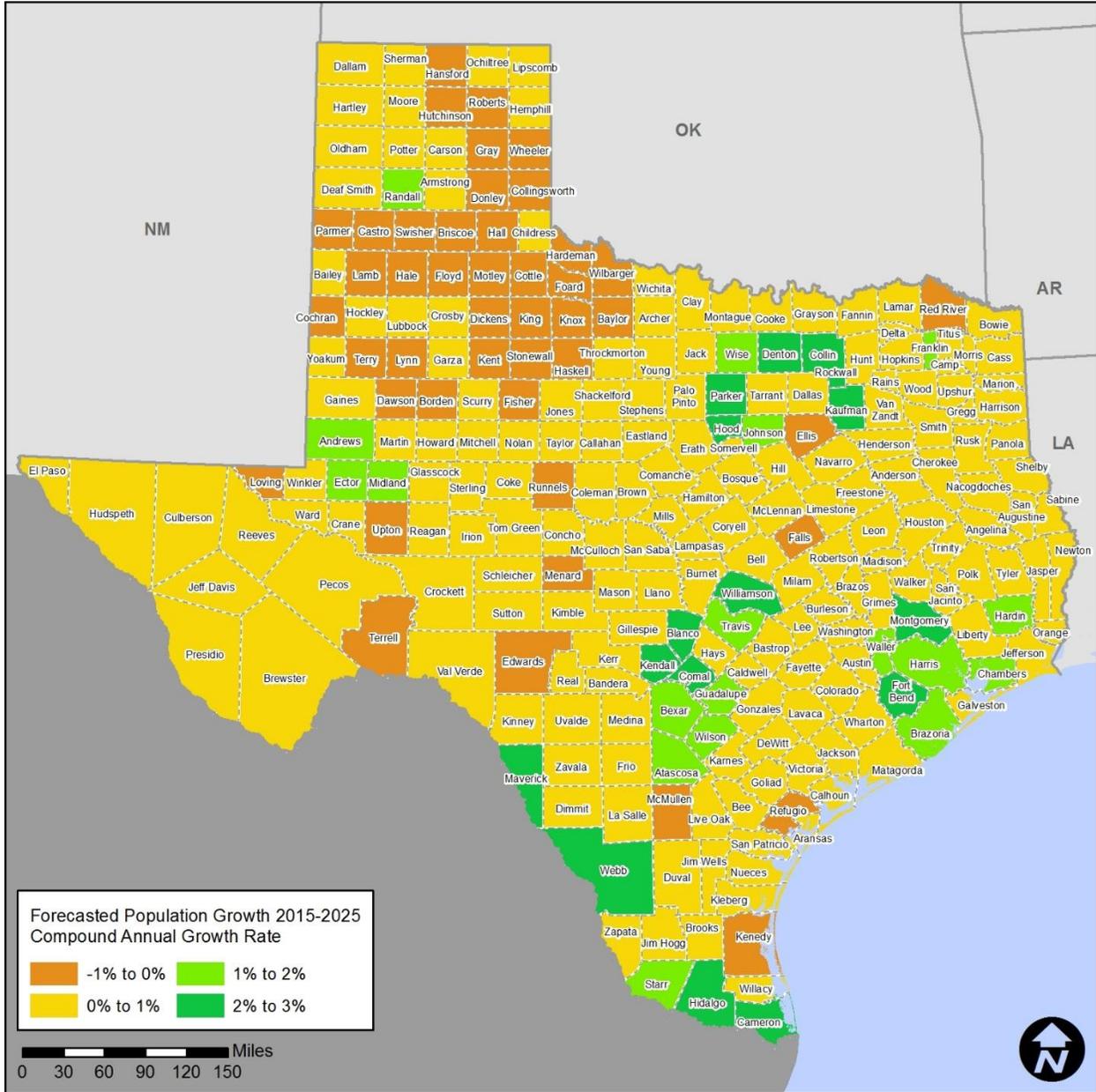
Figure 2-2 displays forecasted population growth rates from 2015 to 2025. The state's largest counties are typically expected to continue growth, with Harris County again showing the largest total increase in forecasted population. However, other counties are forecasted to experience higher growth rates. Notably, several counties on the outskirts of the Dallas-Ft. Worth metroplex anticipate population growth rates of more than 2 percent annually. One of these counties, Collin County, is expected to experience growth of 3 percent annually. Williamson County, part of the Austin metropolitan region, is also expected to experience population growth of approximately 3 percent annually from 2015 to 2025. Fewer counties are forecasted to lose population over the forecast period than they did from 2005 to 2015, with only 45 counties forecasted to experience a decrease in population from 2015 to 2025.

Figure 2-1
Historic Population Growth by Texas County, 2005-2015



Source: CDM Smith, Woods and Poole Economics.

Figure 2-2
Forecasted Population Growth by Texas County, 2015-2025



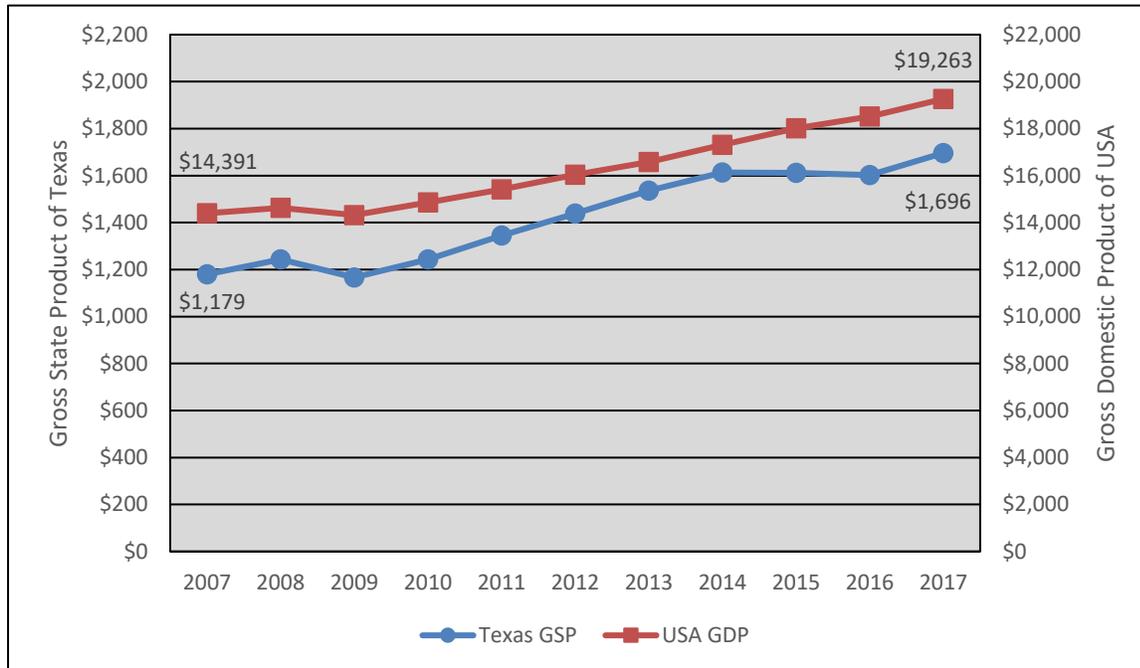
Source: CDM Smith, Woods and Poole Economics.

Gross State Product

In terms of gross state product (GSP), Texas has the second largest statewide economy in the United States, trailing only California. In 2017, the Texas GSP made up 8.8 percent of the national gross domestic product (GDP). As shown in **Figure 2-3**, the Texas economy recovered from the 2009 recession more rapidly than the overall US economy, but then tapered off in 2015 and 2016 due to a weakening oil and gas industry, before resuming its strong growth in 2017. From 2007 to 2017, the Texas GSP has grown from \$1.179 trillion to \$1.696 trillion, a total increase of 44 percent and average annual increase of 3.7 percent. This rate of increase is third to only North Dakota (7.0 percent annually) and Nebraska (4.0 percent annually). However, the GSPs of these states rank 37th (Nebraska) and 47th (North Dakota) out of 51 qualifying areas (including the District of Columbia). The rapidity of the Texas economy’s growth, combined with its place within the national economy, further emphasize the significance of the state as an economic generator.

Figure 2-3

Gross State Product of Texas and Gross Domestic Product of USA (Billions of U.S. Dollars)



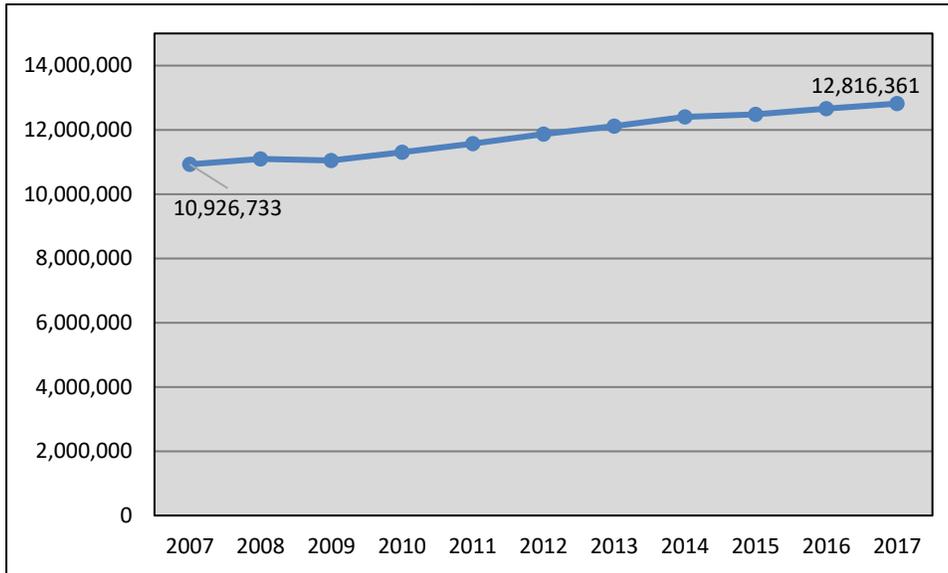
Source: U.S. Bureau of Economic Analysis.

The Texas GSP only experienced a significant decrease from 2008 to 2009, when the state’s GSP lost a total of 6.2 percent in a single year during the recession. While this is a higher loss by percentage of total than the 2.1 percent lost in total U.S. gross domestic product (GDP), Texas recovered much faster. From 2009 to 2016, the Texas GSP experienced a 39 percent total increase, while the national GDP experienced a total increase of only 29 percent.

EMPLOYMENT TRENDS

As of August 2017, over 12.8 million people were employed within Texas, an increase of 1.8 million jobs from the 10.9 million in 2007 (**Figure 2-4**). This represents an average annual increase of 1.6 percent. The only year during which Texas lost jobs over this period was from 2008 to 2009 during the national recession when the state experienced a 0.4 percent loss in total statewide jobs. However, during this same time the nation experienced a nearly 5 percent loss in total jobs.

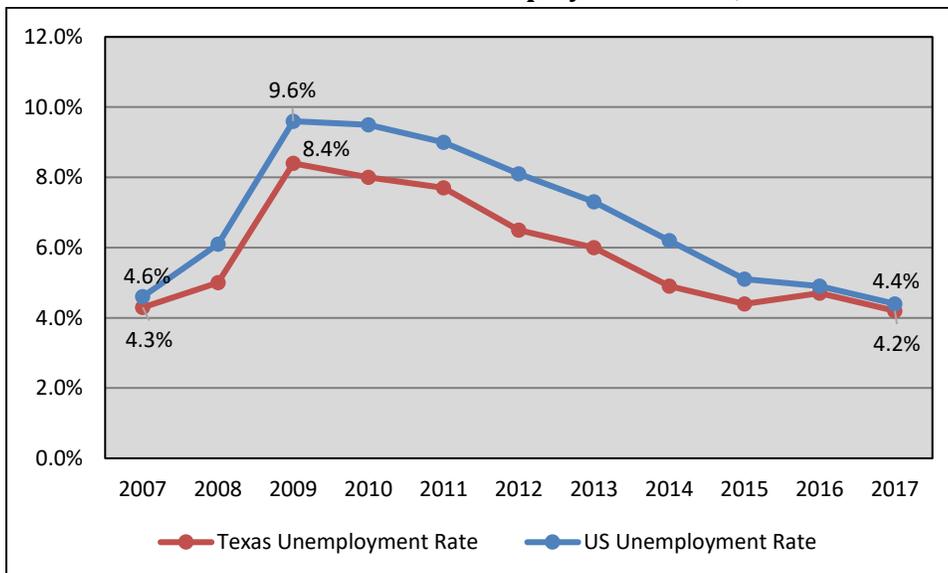
Figure 2-4
Historic Texas Jobs, 2007-2017



Source: U.S. Bureau of Labor Statistics.

Texas has traditionally fared better than has the country as a whole with regard to unemployment (**Figure 2-5**). In 2007, the state’s unemployment rate was 4.3 percent, lower than the national rate of 4.6 percent. During the recession, when the national unemployment rate ballooned to 9.6 percent in 2009, the Texas rate grew to 8.4 percent. In 2017, the national and Texas unemployment rates have long recovered to be lower than they were even before the recession, with Texas’ unemployment rate sitting at 4.2 percent and the national rate slightly higher at 4.4 percent.

Figure 2-5
Historic Texas and National Unemployment Rates, 2007-2017

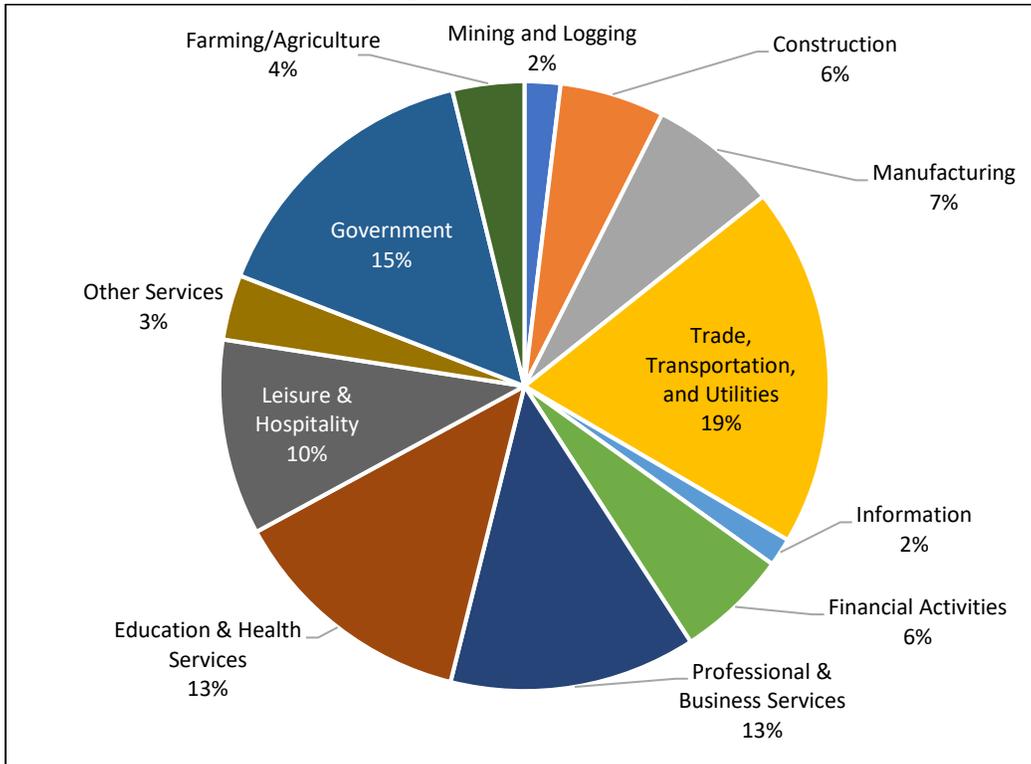


Source: U.S. Bureau of Labor Statistics.

Industry Split

Figure 2-6 summarizes the industry split of the Texas economy based on the number of jobs in each industry as of August 2017. With over 2.4 million persons employed in the trade, transportation, and utilities group, this accounts for 19 percent of all Texas jobs and is the largest sector of the Texas economy by employment. Government agencies employ 15 percent of the jobs in Texas, followed by professional and businesses services and education and health services with 13 percent of the total each. The leisure and hospitality group follows with 10 percent of the total Texas employment.

Figure 2-6
Industry Split of Texas Economy, 2017



Source: U.S. Bureau of Labor Statistics.

SUMMARY

This chapter summarized socioeconomic conditions in Texas. With over 27 million residents in 2015, Texas is the second most populous state in the nation, trailing only California. The most populous counties in Texas are Harris County (4.5 million residents; home to Houston) and Dallas County (2.5 million residents). Texas is experiencing rapid population growth at the rate of 1.9 percent annually from 2005 to 2015, much higher than the national rate of 0.8 percent annually.

Texas has one of the largest economies of any state in the nation. The 2015 GSP of \$1.617 trillion, second only to California’s GSP, was up from \$1.088 trillion in 2005, an average annual increase of 4 percent. Employment in the state has grown steadily in recent years, increasing from 10.9 million employed persons in 2007 to 12.8 million in 2017, an average annual increase of 1.6 percent. At the peak of the recession in 2009, the national unemployment rate was 9.6 percent, while the rate in Texas was only 8.4 percent. By 2017, Texas’ unemployment rate had fallen to 4.2 percent, lower than the national rate of 4.4 percent. The largest industry sectors in Texas are trade, transportation, and utilities (19 percent of the state’s total jobs), government (15 percent), professional and business services (13 percent), and education and health services (13 percent).



CHAPTER 3: THE ECONOMIC MODELING PROCESS

This chapter describes the overall methodology employed to estimate the economic impacts stemming from Texas's 289 system airports. Beginning with a definition of economic terms, the remainder of the chapter describes the economic model used, provides details on the data gathering process and discusses the subsequent data analysis.

STUDY APPROACH

All economic impacts from the 289 airports considered in this analysis were either estimated using data gathered from the system airports or calculated using an input-output model. This input-output model, described in more detail below, provides three **measures** of economic impact, broken down into several **categories** of economic impact, and expressed as three related **types** of economic impact.

Measures of Economic Impact

This economic impact study expresses the results using three measures – employment, payroll, and output.

- Employment – Employment is based on the total of full-time jobs plus part-time jobs. In this analysis, two part-time positions are the equivalent of a single full-time position.
- Payroll – Payroll represents the costs associated with the annual salary, wages, and benefits earned by all employees, or business owners.
- Output – Output is the quantity of goods and services generated annually by an airport, and its associated activities and businesses, expressed in dollars. Output is estimated using an organization's annual sales, or its annual operating costs, which assumes that its output is approximately equivalent to what it expends.

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 measures (employment, payroll, and output) stand alone as part of the quantification of an airport's total economic impact.

Categories of Economic Impact

The three measures described above are used to evaluate a number of categories of economic impact. These categories are based on the source of economic activity and require various forms of inputs that are described below in detail.

- On-Airport Activity – This category includes airport tenants that are businesses with employees, such as airlines, fixed base operators (FBO), flight schools, charter outfits, flight departments, concessionaires, and airport restaurants. Also included are governmental agencies, such as public airport sponsors, air traffic control organizations, other Federal Aviation Administration (FAA) units, as well as other state and federal agencies that serve or use aviation. Output for on-airport activities is typically assumed to be the sum of annual gross sales. While this assumption works well for



Refueling a general aviation aircraft

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 all annual 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.

- Capital Improvement Impacts – Each year, airports undertake capital improvement projects (CIP), such as runway rehabilitation or terminal improvements. In addition, businesses and other agencies undertake capital improvements. These projects employ people in jobs such as construction, architecture, engineering, and consulting. Output related to CIP is equal to the expenditures on those projects. Ratios of employment to capital expense, and per capita income were used to estimate the number of jobs and associated payroll tied to these capital expenditures.



Construction of a new hangar

- Commercial Service Visitors – This group includes estimated non-local passengers (visitors) arriving via commercial airlines. The annual spending by these visitors, which supports the employment of local workers predominately in the hospitality industry, is treated as output. Average visitor spending was estimated from an analysis of available Texas data and existing information from other studies. Jobs associated with this visitor spending were estimated using ratios from the input-output model. Payroll was estimated using average wage information from the Bureau of Labor Statistics.

- General Aviation Visitors – Impacts from general aviation visitors are produced by non-local passengers arriving via private or business aircraft. Similar to commercial service visitors, the annual spending of this category promotes the local economy, particularly the hospitality industry, and is treated as output. General aviation visitors were estimated using survey data from across Texas airports and various in-house databases to convert FAA general aviation operations data into visitor numbers. Survey and in-house data were also used to estimate average spending per visitor. Jobs associated with this visitor spending were estimated using ratios from the input-output model. Payroll was estimated using average wage information from the Bureau of Labor Statistics.



Jet taxiing at Addison Airport

Types of Economic Impact

Data gathered from the categories described above were used as inputs for a linear input-output economic impact model. That model estimates three types of economic impact associated with Texas airports using each of the three economic impact measures described previously.

- Direct Impacts – Direct impacts account for the initial point where the money from aviation-related activity first starts circulating in the economy. This includes impacts that 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 FBOs, flight schools, aircraft repair facilities, and airport management and operations staff. Capital expenditures of these businesses and government organizations are also part of the direct impacts. Visitors contribute to direct impacts through their off-airport spending (any on-airport spending by visitors is included in the on-airport impacts), such as might take place at restaurants or hotels. Direct impacts serve as the inputs for the economic model.

- **Multiplier Impacts** – Multiplier impacts result from the re-circulation 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 Texas. As this money is spent over and over again, some of it leaks beyond the boundaries of Texas, and thus no longer benefits the state’s citizens. The economic model uses parameters specific to Texas to estimate the leakage effect associated with these multiplier impacts, thereby tabulating only those impacts that benefit the people and businesses of Texas. Multiplier impacts are the output of the economic model.
- **Total Impacts** – Total impacts are the sum of all direct and multiplier economic impacts attributable to an airport or the system of airports.

Figure 3-1 shows how the categories of impacts flow through the types of impacts. It can be seen that the direct on-airport impacts are generally measured in terms such as the number of jobs that can be seen on the airport, while the direct visitor impacts are measured in jobs that are found off the airport. Furthermore, all of the direct impacts help drive the multiplier impacts and contribute to the total impacts.

**Figure 3-1:
Illustration of Economic Impacts**



Direct impacts are measured through surveys of businesses, government units, and visitors. Because multiplier impacts are not as easy to measure as direct impacts, they are estimated instead. It is

important to employ a reliable method of estimating multiplier impacts and one 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 currently available 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 Texas' industrial sectors were obtained and used in this analysis.

Proper use of this model involves inputting the best economic data available for the industry analyzed. Therefore, the information gathered during the early part of the study is critical.

DATA COLLECTION METHODS

Data collection for this study was a major undertaking and a critical component to making this a successful study. Each category of economic impact needed significant data inputs from various sources. The method used depended upon the category for which the data was gathered.

On-Airport Activity

A variety of economic data was needed from airport management and each business tenant operating on the airport. This information was obtained through a two-step process. The first step involved surveying the airport sponsor or manager to obtain basic data relating to the operation and management of the airport. This involved a survey that asked the airport to provide:

- Number of full-time and part-time employees working for the airport sponsor
- Estimated total operating expenses in 2017
- Estimated total annual wages and benefits paid to airport employees in 2017
- Estimated total capital improvement expenditures for each year, 2015 through 2017

In addition, the airport sponsor was asked to provide a list of all business tenants located on the airport and an estimate of the number of employees working at each business.

The second step involved contacting each business tenant and requesting that they complete a survey. Contact was attempted either through face-to-face communication for those airports visited by the study team, or by an emailed survey. The survey asked for:

- Type of aviation activity or business conducted by the tenant
- Number of full-time and part-time employees working for the tenant
- Estimated total operating expenses in 2017
- Estimated total annual wages and benefits paid to employees of the tenant in 2017
- Estimated total capital improvement expenditures for each year, 2015 through 2017
- Estimated total gross sales (where applicable) by the tenant on the airport in 2017

A key component of this surveying effort was determining the type of aviation activity each tenant undertook. This served a two-fold purpose. The first was to screen out tenants that were not aviation related and should not be included in the impact totals of the airport. For example, the impacts of an insurance business located on an airport would not be included since an insurance business does not need an airport to operate. If it were determined that the insurance business operated an aircraft that required a pilot or dispatcher at the airport, then it would be treated as an aviation-related business and the impacts of its flight operations included.

The second was to classify the tenant for purposes of evaluating the reasonableness of their data. By comparing per capita payroll and output to other similar businesses, any outliers could be identified and investigated for soundness.

Some companies engaged in more than one line of business, so a determination of their primary focus was made and each tenant assigned to one of the following categories:

- Aerial applicators
- Air ambulance operators
- Air cargo
- Aircraft maintenance for piston powered aircraft
- Aircraft maintenance for turbine powered aircraft
- Airlines – passenger only
- Airport management – commercial service airports
- Airport management – general aviation airports (with four or more full-time employees)
- Airport management – general aviation airports (with less than four full-time employees)
- Airport management – unattended general aviation airports
- Air traffic control – contract
- Air traffic control – FAA
- Charter
- Concessions – commercial service airports
- Concessions – general aviation airports
- Corporate flight departments
- FBOs with six or more full-time employees
- FBOs with less than six full-time employees
- Federal government, not including air traffic control or TSA
- Flight instruction
- Ground transportation
- Hangar rental and development

Large Commercial Service Airports

Because of their large size, the previously described methodologies for estimating direct on-airport and capital improvement impacts were not used at the seven largest commercial service airports, namely:

- Austin-Bergstrom International (AUS)
- Dallas Love Field (DAL)
- Dallas/Fort Worth International (DFW)
- El Paso International (ELP)
- George Bush Intercontinental/Houston (IAH)
- William P Hobby (HOU)
- San Antonio International (SAT)

Instead, alternative methods were used to estimate the direct impacts at these airports, including the use of the most recent economic impact studies at DFW, IAH, HOU, and SAT. For capital improvement expenditures, data was obtained from FAA Form 127 reports. On-airport impacts were estimated using various in-house information sets.



Dallas-Fort Worth International Airport

Additionally, the impacts for the Texarkana Regional Airport were taken from a 2017 draft of the *Economic Impact of Arkansas Airports* report and adjusted for inflation.

- Military
- Nonprofit
- Parking
- Rental car
- State and local government
- TSA

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 similar tenant and business categories who did respond to the survey. For those categories of tenants that did not have sufficient Texas data to provide reliable averages, additional data was used from economic studies conducted by CDM Smith around the country, which is a standard practice for economic impact studies such as this.

This blend of survey data and estimated economic impact data were used to determine the direct on-airport impacts and served as inputs for the IMPLAN model.

Capital Improvement Impacts

As previously explained, capital projects, both by airports and the businesses and organizations operating on the airport, employ people in jobs such as construction, architecture, engineering, and consulting. For this analysis, information was gathered on capital expenditures from airports and their tenants as described above and combined with IMPLAN data to estimate direct construction impacts. This survey data was checked against FAA Airport Improvement Program grant data, and data provided by TxDOT Aviation to ensure that all impacts were captured.

The following steps were used to estimate direct construction impacts:

- The CIP data provided by airports, businesses, and government organizations for the period 2015 to 2017 was averaged to avoid showing peaks or troughs in capital project activity. This average CIP expenditure was used as the CIP direct output for the airport.
- Direct employment related to this construction impact was determined through the use of the IMPLAN model. Based on Texas specific data, the IMPLAN model indicates that every \$1 million CIP-related expenditure supports approximately 5.7 jobs in Texas.
- Data from the U.S. Bureau of Labor Statistics was used to calculate the average annual pay and benefits for these jobs at approximately \$36,000.

The estimated direct jobs, payroll, and CIP expenditures (output) provided inputs for the IMPLAN model.

Commercial Service Visitors

The Texas airport system features 25 airports with scheduled airline service. These airports enplaned 80 million passengers in 2017. A significant portion of these passengers were visitors who



Gates at Rick Husband Amarillo International Airport

spent money in the region during their trip, predominately on hospitality services, such as hotels and restaurants. Taking into account multiplier impacts, numerous other industries benefit from the effects of visitor spending as well.

With such a large number of commercial service airports spread out over a wide geographic area, a method was needed that could be applied to each airport to estimate their commercial service visitor expenditures. Based on data from other economic impact studies of commercial service airports, the study team found a 95 percent correlation between the concession fees paid to airports by rental car companies and the total expenditures from visitors during their trip. Using rental car revenues as reported by airports to the FAA on FAA Form 5100-127, *Operating and Financial Summary*, and the relationship with visitor spending, the study team estimated direct visitor expenditures for each commercial service airport.

Using FAA ticketing data, along with origin and destination data, the study team determined the number of visitors to each commercial service airport. With this information, an average expenditure per visitor per trip was calculated from the estimated visitor expenditures derived previously, and evaluated for reasonableness. The average visitor expenditure ranged from approximately \$350 per trip to \$2,200 per trip.

Two airports – San Angelo Regional and Wichita Falls Municipal – did not file FAA Form 5100-127 reports, so no rental car concession fee data was available. For these two airports, visitor spending was estimated using an average expenditure per trip of \$850, based on the overall average spending per visitor from the other Texas airports.

General Aviation Visitors

It is estimated that more than one million visitors in Texas make use of general aviation aircraft to conduct business and to enjoy the leisure opportunities available throughout the Lone Star State.

There are numerous examples of airports that facilitate business operations. In the Dallas-Fort Worth



“TEXAS AIRPORTS ARE VERY SIGNIFICANT TO OUR COMPANY! SIXTY PERCENT OF OUR FLYING FROM MISSISSIPPI IS TO TEXAS.”

- Visitors to Sugar Land Regional from Hattiesburg, MS

region, airports such as McKinney National and Addison offer services tailored to corporate flights. Around the Houston area, airports like Sugar Land Regional and Conroe-North Houston Regional support business flight operations and accommodate their passengers. Airports like these are found

throughout Texas, not just in major metropolitan areas. Airports such as Draughon-Miller Central Texas Regional, Pecos Municipal, and Albany Municipal host business aircraft on a daily basis, providing company owners, managers, and key staff with access to parts of Texas that are not otherwise easily reached.

General aviation airports also serve as gateways to local attractions for tourists. For example, Alpine-Casparis Municipal serves many visitors annually that come through the airport on their way to Big Bend National Park. Gillespie County typically sees a peak in activity from Thursday through Sunday, as local attractions such as the National Museum of the Pacific War, and visits to weekend homes draw people to the area. General aviation airports are also important in allowing hunters, fishermen, and other outdoor enthusiasts to access the many natural recreation activities available in Texas.

The direct economic activity produced by general aviation visitors in Texas was determined through a combination of survey data and economic model outputs. Surveys were used to gather expenditure data from visiting pilots and passengers and distributed through the help of FBO managers at many of the state's airports. The survey requested the following information:

- The airport where the survey was received
- Where the aircraft is based (verifying the respondent was not based at the airport surveyed)
- The number of travelers in the aircraft
- The general type of aircraft
- 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
- Additional comments regarding the value of the Texas aviation system to pilots, passengers, and their businesses

The study team used this survey data, along with survey data from numerous other statewide airport economic impact studies, to derive an estimate of direct general aviation visitor expenditures. The Texas data was analyzed for patterns in visitor spending based upon the number of itinerant operations at each



“AIRPORTS NOT ONLY SAVE TIME, ALLOWING FOR MORE BUSINESS AND VISITATION TIME THEN TRAVELING BY CAR, BUT ALSO ALLOWS FOR A LESS EXHAUSTED FAMILY.”

- Tourists visiting San Angelo Regional from Ruidoso, NM

Texas airport. Based on this analysis, Texas airports were classified into one of four tiers, with commercial service airports broken out into a fifth tier. The four general aviation tiers consisted of those airports with less than 500 itinerant operations, those with 500 to less than 5,000 itinerant operations, those with 5,000 to less than 10,000 itinerant operations, and those with 10,000 or more itinerant operations. For each tier, the study team estimated the average number of travelers per arriving visiting aircraft, and the average spending of each of those visitors, if the data was available for that group of airports. Texas airports with fewer than 5,000 itinerant operations did not submit a sufficient number of surveys with which to derive statistically significant averages. Therefore, data from numerous other statewide airport economic impact studies was used to derive the estimates for airports with fewer than 5,000 itinerant operations. The values used for each tier were:

- 0 to 499 itinerant operations: 2.8 visitors per arrival; \$10 per visitor
- 500 to 4,999 itinerant operations: 2.8 visitors per arrival; \$130 per visitor
- 5,000 to 9,999 itinerant operations: 2.1 visitors per arrival; \$150 per visitor
- 10,000 or more itinerant operations: 2.7 visitors per arrival; \$190 per visitor
- Commercial service airports: 3.7 visitors per arrival; \$290 per visitor

To estimate general aviation visitor expenditures (the direct output impact) the calculation started with each airport's itinerant general aviation operations. These are general aviation aircraft arrivals and departures that arrive from outside, or depart, the local airport area. Not all itinerant arrivals, as defined by the FAA, carry visitors. A majority of the itinerant arrivals are local aircraft returning from outside the immediate airspace, transient fuel stops, or other activities that are not consistent with the definition of a visitor. Most statewide studies use an accepted industry standard of 33 percent to estimate true transient arrivals. This study continues that best practice by also estimating that 33

percent of itinerant operations carry visitors. **Table A-1** in the appendix shows estimates of general aviation visitors for each system airport.

The following example using Granbury Regional Airport demonstrates the calculations used to estimate general aviation visitor impacts.



Plane taxiing at Granbury Regional Airport

estimate general aviation visitor impacts.

Granbury Regional Airport was estimated to have 8,900 itinerant operations in 2017, or 4,450 itinerant arrivals, since every arrival is assumed to have a corresponding departure. Of those, 33 percent were assumed to be visiting aircraft.

$$4,450 \text{ itinerant arrivals} \times 33 \text{ percent} = 1,469 \text{ visiting aircraft}$$

Granbury Regional’s tier of airports average 2.1 visitors per visiting aircraft and each of those visitors spent, on average, \$150 on goods and services away from the airport during their stay. Any on-airport expenditures are taken into account in the on-airport impacts and are not included in the general aviation visitor impacts. Using this data, an estimated 3,085 visitors passed through Granbury Regional in 2017, and spent approximately \$463,000 during their stay.

$$1,469 \text{ visiting aircraft} \times 2.1 \text{ visitors per aircraft} = 3,085 \text{ visitors}$$

$$3,085 \text{ visitors} \times \$150 \text{ per visitor per trip} = \$463,000$$

This spending supported jobs and businesses in the region around Granbury Regional, predominately in the service and retail industries. The IMPLAN model estimates that every \$1 million spent by general aviation visitors supports approximately 17.2 jobs. For the area around Granbury Regional, this means approximately eight employees are supported by visitor spending attributed to the airport.



“WITHOUT FINE FBOs IN TEXAS, I WOULDN’T HAVE ANY WORK AND WOULD BE OUT OF A JOB.”

- Flight instructor visiting Texas Gulf Coast Regional

$$\$463,000 \times 17.2 \text{ jobs} \div \$1,000,000 \text{ per job} = 8.0 \text{ jobs}$$

Using information from the U.S. Bureau of Labor Statistics, it was estimated that these types of jobs earned an average annual payroll and benefits of \$24,050, which generated a total of approximately \$192,000 in 2017.

$$8.0 \text{ jobs} \times \$24,050 = \$192,000 \text{ annual payroll}$$

These direct impacts from general aviation visitor spending were used as inputs for the IMPLAN input-output model.

Multiplier Impacts

The initial direct economic impacts from financial transactions are not the only effects that take place within an economy. As explained earlier, initial transactions result in a cascade of follow-on impacts. For example, some of the money a flight school takes in for giving flight lessons (its direct output) goes to the local bank to pay off part of the loan on the flight school’s training aircraft, which creates economic output for the bank. The bank then uses some of its revenues to pay for local contracted security services, adding to the output. Eventually, these transactions result in the money leaking beyond the defined boundaries of the study – in this case, Texas. The number of times that a dollar of output, or a dollar of pay, or a job recirculates through the economy before it leaks, is a multiple of the initial input from the airport; hence it is referred to as a “multiplier” impact. Figure 3-1 shows the complex interactions typically occurring in an economy that the IMPLAN model takes into account.

Multiplier impacts are estimated by entering the direct impacts into the IMPLAN input-output model and accounting for the different interactions that various categories of impact have within the area of study. The model determines how many times an impact is multiplied within the boundaries of the study. It should be noted that multipliers can vary somewhat from year to year as industries change suppliers and shipping processes, costs for raw materials and transportation fluctuate, and as new technologies and regulations impact industries.

The multipliers used in this analysis were developed specifically to measure the economic impacts that occur within different sectors of the Texas economy. **Table 3-1** summarizes the multipliers used for modeling the multiplier impacts of on-airport activities, capital improvement, and visitor spending. Note that on-airport activities were classified into one of three areas – aviation, concession, or government – based upon the nature of their operation. This was done to more accurately assess the degree to which each organization recirculated its economic influence within the state.

**Table 3-1
Texas IMPLAN Multipliers by Economy Sector**

Economy Sector	Employment Multiplier	Payroll Multiplier	Output Multiplier
On-Airport: Aviation ¹	2.83	1.91	1.77
On-Airport: Concessions ²	1.38	1.70	1.98
On-Airport: Government ³	4.16	2.45	2.34
Capital Improvement ⁴	1.84	1.70	1.95
Commercial Service Visitor Expenditures ⁵	1.42	1.75	1.97
General Aviation Visitor Expenditures ⁹	1.46	1.79	1.95

Sources: CDM Smith and IMPLAN multipliers

¹ Aviation multipliers are the weighted average of the Air Transportation, Aircraft Manufacturing, Aircraft Engine and Engine Parts Manufacturing, and Other Aircraft Parts and Auxiliary Equipment Manufacturing multipliers.

² Concessions multipliers are the weighted average of the Hotels and Motels, Full-Service Restaurants, Retail – Miscellaneous Store Retailers, and Business Support Services multipliers.

³ Government multipliers are the weighted average of the Other Federal Government Enterprises, and Other State 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 of Nonresidential Structures, and Architectural, Engineering, and Related Services multipliers.

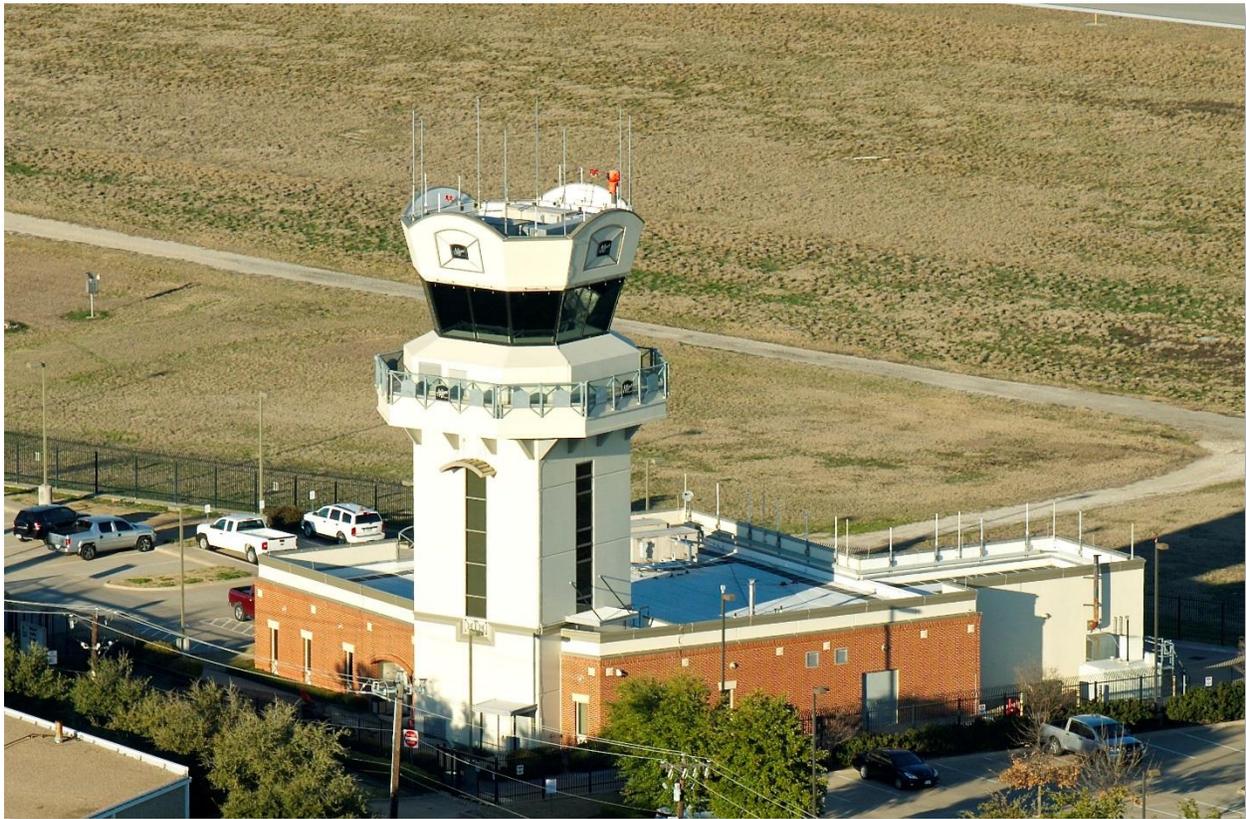
⁵ Visitor expenditures multipliers are the weighted average of the Hotels and Motels, Full-Service Restaurants, Retail – Miscellaneous Store Retailers, and Automotive Equipment Rental and Leasing multipliers. Weightings were different for commercial airline service and general aviation visitor multipliers to reflect the difference in their spending habits.

Aviation multipliers were used for aerial applicators, air ambulance services, airlines (passenger and cargo), aircraft maintenance, charter operators, contract air traffic control towers, FBOs, flight departments, flight schools, and hangar development. Retail, food and beverage, car rental, ground transportation, 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. Impacts stemming from construction projects were broken out from each tenant and a unique set of multipliers applied to these impacts. Different multipliers were used for each of these categories because each of these categories interacts with the Texas economy in different ways.

The multipliers presented in Table 3-1 were used to estimate multiplier impacts in this analysis. For example, \$100 in direct revenues (output) in the aviation sector supports a total output of \$177 (\$100 times the Aviation output multiplier of 1.77). That total output breaks down into \$100 of direct output and \$77 of multiplier impact.

Total Impacts

Total impacts consist of the sum of the direct and multiplier impacts. When referring to each Texas airport's (or the airport system's) economic impacts, this generally means the total employment, total payroll, and total output of the airport (or the airport system).



Air traffic control tower at Addison Airport



CHAPTER 4: ECONOMIC IMPACTS OF TEXAS AIRPORTS

STATEWIDE ECONOMIC IMPACT OF AIRPORTS

Airports serve as an economic driver in Texas' diverse economy. Texas's airports function as gateways for residents and visitors through commercial service and general aviation flights, as well as hubs for on- and off-airport commerce. The economic impact these airports generate translates into jobs, payroll and economic output that can be directly and indirectly attributed to the aviation industry.

Airports in Texas accommodate over 80 million enplanements, resulting in approximately 17.3 million visitors to the state. While hub airports in Texas, such as Dallas/Fort Worth International Airport and Houston Intercontinental Airport, account for most of Texas's visitors traveling by air, there are still significant numbers arriving via private and business aircraft at general aviation airports. It is estimated that 1.5 million visitors arrived via general aviation aircraft at all Texas airports in 2017. These visitors impact more than just the aviation industry - they create jobs and add payroll through their expenditures throughout the state.

The transportation network created by airports in Texas supports a significant number of jobs in well-paying industries. One telling example is that with 52,014 certificated pilots in the state, nearly 50 percent have a pilot certificate that allows them to fly for compensation or hire in fields such as corporate flight, aerial application, charter, and commercial airlines.

Many notable aviation-related businesses call Texas airports home, generating economic impact in their communities and throughout the state. Mooney International in Kerrville and Air Tractor in Olney are aircraft manufacturers that are headquartered at Texas airports and operate full assembly plants. Companies focused on military and aerospace research also have large presences throughout the state, with major contributor L3 Communications operating out of Majors Airport in Greenville, the Texas State Technical College Airport in Waco, and other airports. A significant number of Fortune 500 corporations have headquarters and offices located in Texas, such as AT&T, Toyota, and Texas Instruments, that in turn operate corporate flight departments.

The growth of metropolitan areas throughout the state has directly impacted the demand for commercial and general aviation facilities. Prominent businesses maintain a presence at airports such as Arlington Municipal Airport and Fort Worth Alliance Airport in the Dallas/Fort Worth metroplex, where respectively, Bell Helicopter operates a Flight Training Center and FedEx transports air cargo. At Abilene Regional Airport, Eagle Aviation Services operates a maintenance facility for Envoy Air aircraft that fly under the American Eagle brand. An assortment of flight instruction businesses also call Texas general aviation airports home. These include ATP Flight at Georgetown Municipal Airport and Anson Aviation at Sugar Land Regional Airport.

Besides the aviation-related businesses found at system airports, there are a significant number of major aerospace and technology companies operating in Texas. The aerospace industry in Texas employs more than 135,000 workers at 1,300 companies, according to the 2017 *Texas Aerospace, Aviation and Defense* report. While the economic impact of these off-airport companies is not part of this analysis, it is worth noting that corporations such as Boeing, Airbus, Bell Helicopter, Gulfstream, Lockheed Martin, Honeywell, and Textron, employ thousands and contribute billions of dollars to the state's economy. In fact, 17 of the world's largest aerospace manufacturers operate major facilities in Texas. These firms are a significant component of the Texas aerospace industry and contribute greatly to the overall economy of Texas, the U.S., and the world.

This chapter identifies the economic impacts associated with employment, annual payroll, and total economic output that stems from each of the study airports. The combined impact of all 289 system airports is also presented. Detailed tables showing the impacts of each individual airport can be found in Appendix A.

EMPLOYMENT IMPACTS

Airports are a significant source of employment across the entire state of Texas. Employment impacts are calculated for on-airport activity, capital improvement projects, and visitors arriving via commercial service and general aviation flights. On-airport activity includes private businesses, government agencies, and on-airport military units. Additionally, spending for capital improvement projects (CIP) is converted to an employment equivalent.

On-Airport Employment

Table 4-1 identifies the total number of jobs supported by the day-to-day activities of on-airport, aviation-related tenants and businesses at the 289 Texas system airports. These jobs include aircraft maintenance, flight instruction, pilot services, and fuel sales, to name just a few.

**Table 4-1
On-Airport Employment**

Airports	Direct On-Airport Employment	Multiplier On-Airport Employment	Total On-Airport Employment
Commercial Service Airports	112,491	111,575	224,066
General Aviation Airports	17,146	22,521	39,667
Total On-Airport Employment	129,637	134,096	263,733

Source: CDM Smith and IMPLAN

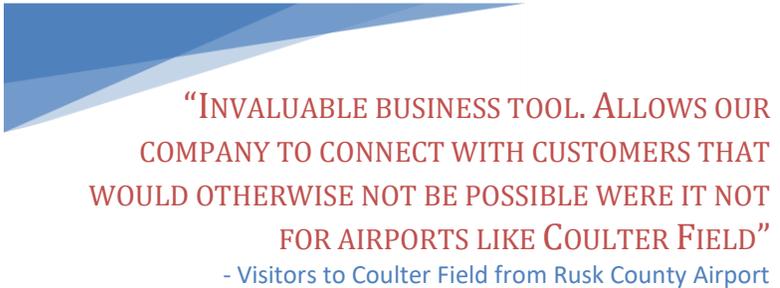
In total, there are 129,637 direct jobs supported by the on-airport activities of Texas' airports, with 112,491 attributed to commercial service airports and 17,146 stemming from general aviation airports. Hubs and operating bases such as American Airlines at Dallas/Fort Worth International, United Airlines at Houston Intercontinental, and Southwest Airlines at Dallas Love Field and Houston Hobby Airport are behind strong employment numbers at commercial service airports in Texas. It is important to note that this employment estimate does not include jobs associated with non-aviation businesses which, for various reasons, are



Maintenance hangar at Mid-Way Regional Airport

located on an airport. In instances where airports include nearby industrial and business parks, the tenants may technically be on airport property but are not involved with-aviation. Employment related to non-aviation businesses is not included in the employment estimate shown in Table 4-1.

Jobs created by multiplier impacts are a result of tenant and business activity at Texas airports. The magnitude of on-airport tenant activity relates to the number of additional multiplier jobs created at each airport. Multiplier impacts from Texas’ airports add 134,096 positions to the economy. Combined, direct and multiplier employment from airport tenants lead to 263,733 additional jobs within the Texas economy. On-airport employment impacts for each airport are listed in **Table A-2** in the appendix.



Construction Employment

Capital projects at Texas airports generate jobs for architects, engineers, consultants, and construction workers. **Table 4-2** identifies the number of employees in Texas whose jobs are supported by an average year of airport-related construction. Many airports throughout Texas receive Airport Improvement Program (AIP) grants provided by the Federal Aviation Administration (FAA), as well as funding from the Texas Department of Transportation (TxDOT), airport sponsors, and other public and private sources to complete capital improvements, ranging from new and extended runways to hangars and fuel farms.

The investment in Texas’s airports through these capital programs produces 9,638 direct jobs, as shown in **Table 4-2**. Texas’ general aviation airports constitute 20 percent of all direct-CIP employment while commercial service airports make up 80 percent. When considering the multiplier effect, another 8,068 jobs are added resulting in a total of 17,706. Construction-related employment impacts for each airport are listed in **Table A-3** in the appendix.

**Table 4-2
Construction Employment**

Airports	Direct CIP Employment	Multiplier CIP Employment	Total CIP Employment
Commercial Service Airports	7,660	6,412	14,072
General Aviation Airports	1,978	1,656	3,634
Total CIP Employment	9,638	8,068	17,706

Source: CDM Smith and IMPLAN

Commercial Service Visitor-Related Employment

Texas’s commercial service airports accommodate millions of visitors to the state, where they spend money on lodging, restaurants, transportation, entertainment, and other activities. This visitor spending supports jobs in a multitude of employment sectors outside aviation. **Table 4-3** identifies the number of employees in Texas whose jobs are supported by the spending of the nearly 17.3 million visitors arriving on airlines via Texas’s 25 commercial service airports. Dallas/Fort Worth International accounts for nearly one third of all employment related to visitor spending stemming from commercial service airports. Austin-Bergstrom International Airport and San Antonio International Airport also make up a significant portion of visitor-related employment, constituting nearly a fifth of all jobs resulting from commercial visitor spending. On a different scale, the community in Tyler, Texas, recognizes the benefit of commercial service providing access to locals and visitors, and actively participates in surveys to help encourage additional commercial service to Tyler Pounds Regional Airport. Air carrier visitor-related employment impacts for each airport are listed in **Table A-4** in the appendix.



American Airlines is headquartered in Fort Worth and maintains a hub at Dallas/Fort Worth International Airport



Southwest Airlines is headquartered in Dallas and maintains a large presence at Dallas Love Field and Houston Hobby Airport

**Table 4-3
Commercial Service Visitor-Related Employment**

Airports	Direct Commercial Service Visitor-Related Employment	Multiplier Commercial Service Visitor-Related Employment	Total Commercial Service Visitor-Related Employment
Total Commercial Service Visitor Employment	345,508	143,816	489,324

Source: CDM Smith and IMPLAN

Texas commercial service airports supported 345,508 direct jobs related to visitor employment with an additional 143,816 attributed to multiplier impacts. When combined, commercial visitor-related employment totals 489,324.

General Aviation Visitor-Related Employment

Visitors using general aviation travel also make purchases in the local economy, leading to jobs in different industries throughout Texas. **Table 4-4** shows the number of jobs in Texas supported by spending from visitors using general aviation aircraft to travel to and within the state. Texas is home to 264 general aviation airports with additional general aviation activity taking place at each of the 25 commercial service airports. In total, nearly 1.5 million visitors travel to and around the state via general aviation aircraft.

**Table 4-4
General Aviation Visitor-Related Employment**

Airports	Direct GA Visitor-Related Employment	Multiplier GA Visitor-Related Employment	Total GA Visitor-Related Employment
Commercial Service Airports	2,334	1,070	3,404
General Aviation Airports	3,287	1,501	4,788
Total General Aviation Visitor Employment	5,621	2,571	8,192

Source: CDM Smith and IMPLAN

General aviation visitor expenditures occur off-airport property and directly support jobs at businesses operating in the cities and towns close to airports. Visitors to general aviation airports in Texas come for a variety of reasons, all of which in some way generate employment in varying industries and locations. Airports across Texas see frequent use by businesses in the energy industry. Aransas County Airport serves as a preparation location for workers stationed at oil rigs in the Gulf of Mexico while Odessa-Schlemeyer Field welcomes business-persons to oil-rich west Texas. In the Dallas/Fort Worth metro as well as near Houston, airports like Arlington Municipal, Grand Prairie Municipal, and Pearland Regional host visitors to AT&T Stadium and NRG Stadium which in past years have hosted Super Bowls and events that draw in visitors from around the country. Survey results indicated hunting as a popular attraction throughout the state that draws a large number of visitors arriving via general aviation aircraft, spending money in smaller, more rural communities. Overall, spending by general aviation visitors in Texas supported 5,621 direct jobs.

As the money general aviation visitors spend at businesses continues to change hands in the local and state economy, a multiplier effect occurs creating additional jobs. In this case, multiplier impacts resulted in 2,571 additional jobs. When combined, direct and multiplier general aviation visitor-related impacts result in 8,192 jobs supported by visitors using general aviation aircraft. General aviation visitor-related employment impacts for each airport are listed in **Table A-5** in the appendix.

Total Employment

Texas’s diverse system of airports helps augment employment statewide through a variety of jobs, both on Texas airports, as well as in nearby cities and towns. **Table 4-5** displays the total employment that is a result of all activity at airports in the Texas system. On-airport activities, CIP expenditures, and spending by visitors at the study airports results in 490,404 direct jobs with the multiplier effect adding 288,551 additional jobs. Combined, 778,955 jobs are supported in Texas by aviation-related operations, businesses, and visitors to the study airports. Total employment impacts for each airport are listed in **Table A-6** in the appendix.

**Table 4-5
Total Employment**

Airports	Direct Employment	Multiplier Employment	Total Employment
Commercial Service Airports	467,993	262,873	730,866
General Aviation Airports	22,411	25,678	48,089
Total Employment	490,404	288,551	778,955

Source: CDM Smith and IMPLAN

PAYROLL IMPACTS

The salaries, wages, and benefits paid to the employees described in the previous section enter the Texas economy and are analyzed as payroll impacts. Estimates of these payroll impacts associated with on-airport businesses and their activities, construction, commercial service and general aviation visitors are detailed below.

On-Airport Payroll

Table 4-6 shows the annual payroll impacts associated with on-airport activity at the study airports.

Table 4-6
On-Airport Payroll

Airports	Direct On-Airport Payroll	Multiplier On-Airport Payroll	Total On-Airport Payroll
Commercial Service Airports	\$7,339,811,000	\$5,023,417,000	\$12,363,228,000
General Aviation Airports	\$1,380,980,000	\$932,794,000	\$2,313,774,000
Total On-Airport Payroll	\$8,720,791,000	\$5,956,211,000	\$14,677,002,000

Source: CDM Smith and IMPLAN

Texas airports contributed \$8.7 billion in direct on-airport payroll impacts. Commercial service airports make up more than 80 percent of payroll in the group of study airports. Dallas/Fort Worth International and Houston Intercontinental are the major contributors to the system, with each airport contributing over \$2.5 billion in payroll to the economy.



Air Tractor at Olney Municipal Airport

General aviation airports in Texas combine to contribute just under \$1.4 billion in direct annual payroll impacts, distributed across a wide range of airports differing in size and function. Air Tractor at Olney Municipal Airport serves as an example of an airport tenant that generates nearly all of an airport’s direct payroll while other airports may rely on a diverse tenant base working in aircraft maintenance, medical evacuation, flight training, or other areas.

As payroll is spent in industries outside aviation but within the Texas economy, multiplier impacts are created. These multiplier impacts are estimated through the IMPLAN model. The multiplier impact stemming from the payroll of on-airport tenants and businesses is approximately \$6.0 billion. Total payroll impacts produced by on-airport activity, which includes direct and multiplier payroll, are just under \$14.7 billion annually. On-airport payroll impacts for each airport are listed in **Table A-7** in the appendix.

Construction Payroll

Capital improvements and related construction work at Texas airports add aviation-related payroll to the state economy. Estimates of annual payroll tied to capital investment are shown in **Table 4-7**.

**Table 4-7
Construction Payroll**

Airports	Direct CIP Payroll	Multiplier CIP Payroll	Total CIP Payroll
Commercial Service Airports	\$275,678,000	\$193,817,000	\$469,495,000
General Aviation Airports	\$71,393,000	\$50,176,000	\$121,569,000
Total CIP Payroll	\$347,071,000	\$243,993,000	\$591,064,000

Source: CDM Smith and IMPLAN



Construction improvements at Bridgeport Municipal Airport

Commercial service airports make up more than three-quarters of all construction payroll. Notable capital projects at commercial service airports include a \$52 million runway reconstruction project at Dallas/Fort Worth International that will upgrade Runway 17C/35C in the summer of 2018. At Austin Bergstrom International, a major terminal and apron expansion project will increase the number of gates from 24 to

33 and is expected to be completed in 2019 at a total cost of \$350 million. Brownsville South Padre Island International Airport is constructing an entirely new terminal to modernize and accommodate future growth, receiving \$12.7 million in FAA AIP grant funding to help make the project possible.

On the general aviation side, Ellington Field outside Houston is constructing a new control tower at a cost of \$11 million that is projected to open by the end of 2018. TSTC Waco invested in renovating hangar space to draw in Siemens as a new tenant, where they research and test their eAircraft development. General aviation contributes 20 percent of all construction payroll impacts. Multiplier impacts add almost \$244 million in construction payroll, providing a total annual payroll impact of \$591.1 million. Construction payroll impacts for each airport are listed in **Table A-8** in the appendix.

Commercial Service Visitor-Related Payroll

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

**Table 4-8
Commercial Service Visitor-Related Payroll**

Airports	Direct Commercial Service Visitor-Related Payroll	Multiplier Commercial Service Visitor-Related Payroll	Total Commercial Service Visitor Payroll
Total Commercial Service Visitor Payroll	\$8,309,200,000	\$6,260,583,000	\$14,569,783,000

Source: CDM Smith and IMPLAN

Direct payroll impacts related to commercial service visitors adds the salary, wages, and benefits of workers in industries such as hospitality, entertainment, and recreation, that are most frequented by such visitors. Direct annual payroll attributable to spending by commercial service visitors is estimated at over \$8.3 billion, with nearly \$4.3 billion contributed by Dallas/Fort Worth International and Houston Intercontinental. Commercial service airports that frequently serve tourists also generate significant visitor-related payroll such as Brownsville South Padre Island International that

maintains a successful partnership with the Brownsville Convention & Visitors Bureau to direct tourists to local businesses during their stay.

As direct payroll impacts from commercial service visitors circulate in the Texas economy, multiplier impacts are produced. This circulation of money generates employment and additional payroll in other industries outside of aviation that can be attributed to the initial spending by visitors arriving through commercial service airports. Payroll associated with multiplier impacts is estimated at \$6.3 billion. Nearly \$14.6 billion in total annual payroll impact from commercial service visitors is produced when combining direct and multiplier impacts. Air carrier visitor-related payroll impacts for each airport are listed in **Table A-9** in the appendix.

General Aviation Visitor-Related Payroll

Table 4-9 identifies the payroll impacts generated by visitors when traveling to Texas airports using general aviation.

**Table 4-9
General Aviation Visitor-Related Payroll**

Airports	Direct GA Visitor-Related Payroll	Multiplier GA Visitor-Related Payroll	Total GA Visitor-Related Payroll
Commercial Service Airports	\$56,130,000	\$44,231,000	\$100,361,000
General Aviation Airports	\$78,667,000	\$62,134,000	\$140,801,000
Total General Aviation Visitor Payroll	\$134,797,000	\$106,365,000	\$241,162,000

Source: CDM Smith and IMPLAN



Jets occupy the new apron at Cotulla-La Salle County Airport

Payroll produced from general aviation visitors relates to the salaries, wages, and benefits at jobs directly used by those passengers traveling by general aviation aircraft, no matter if the airport hosts commercial service. Near the Cotulla-La Salle County Airport, construction and service industry jobs have seen significant growth as hotels experience near-capacity occupancy and new development is slated as a highway is being planned near the airport; this activity in turn helps accommodate general aviation visitors coming for business

involving the oil industry or hunting at nearby ranches. General aviation visitors generate \$134.8 million in direct annual payroll. General aviation airports constitute nearly \$78.7 million in payroll.

As employees in the visitor-related industries spend their payroll, this spending continues to circulate, generating additional employment and subsequent payroll. With these multiplier impacts, another \$106.4 million is added in payroll impact due to the spending of general aviation visitor dollars. General aviation visitor impacts combine to produce \$241.2 million in annual payroll impact. General aviation visitor-related payroll impacts for each airport are listed in **Table A-10** in the appendix.

Total Payroll

Continued investment in Texas airports, whether in metropolitan, rural, or destination locations, adds payroll benefits in important sectors such as construction and tourism across the state. The combined impacts of airport businesses and tenants, CIP, commercial service visitor, and general

aviation visitor-related payroll in Texas are identified in **Table 4-10**. Commercial service and general aviation direct annual payroll impacts equate to over \$17.5 billion. When considering multiplier impacts, another \$12.6 billion in annual payroll impacts are added to produce a total payroll impact of just over \$30.0 billion. Total payroll impacts for each airport are listed in **Table A-11** in the appendix.

**Table 4-10
Total Payroll**

Airports	Direct Payroll	Multiplier Payroll	Total Payroll
Commercial Service Airports	\$15,980,819,000	\$11,522,048,000	\$27,502,867,000
General Aviation Airports	\$1,531,040,000	\$1,045,104,000	\$2,576,144,000
Total Payroll	\$17,511,859,000	\$12,567,152,000	\$30,079,011,000

Source: CDM Smith and IMPLAN

OUTPUT IMPACTS

Economic output generated by aviation-related businesses, government agencies, and visitors relates to the money spent and circulated originating at Texas airports. For this study, on-airport output is defined as annual gross sales for on-airport businesses and activities. In instances where businesses or organizations do not generate revenue, annual operating expenses are used as a gage of output. Examples of these instances would be government agencies like TSA and federally-operated control towers, corporate flight departments, and airlines which generate revenue from ticket sales, but are difficult to assign to specific airports. When looking at CIP, output is equivalent to the amount spent to complete the projects. Commercial service and general aviation visitor output is defined as the money spent on their visits outside the airport and airport-related activities. Annual economic output generated annually from Texas’ airports benefiting the state’s economy is discussed in this section.

On-Airport Output

Table 4-11 identifies annual output for all on-airport activities. Texas airports produce over \$28.4 billion in direct economic output, with over 80 percent stemming from activity at the 25 commercial service airports throughout the state. Commercial service airports are responsible for more than \$23.9 billion in direct on-airport output, while general aviation airports contribute \$4.5 billion to the Texas economy. At the Gillespie County Airport near Fredericksburg, the Hangar Hotel and Airport Diner offer a unique experience for general aviation visitors, providing on-airport hospitality that helps increase the airport’s output in a form usually seen only at commercial service airports. One-of-a-kind tenants help keep general aviation airports thriving in Texas and encourage spending and investment by the community and other airport users.



Hangar Hotel at the Gillespie County Airport

**Table 4-11
On-Airport Output**

Airports	Direct On-Airport Output	Multiplier On-Airport Output	Total On-Airport Output
Commercial Service Airports	\$23,942,393,000	\$21,162,332,000	\$45,104,725,000
General Aviation Airports	\$4,498,137,000	\$3,823,511,000	\$8,321,648,000
Total On-Airport Output	\$28,440,530,000	\$24,985,843,000	\$53,426,373,000

Source: CDM Smith and IMPLAN

As aviation-related tenants located on each study airport spend money keeping their businesses operating, these expenditures enter the Texas economy and spread to different sectors and industries, leading to additional output impacts that can be derived from aviation-related spending. Multiplier output impacts are estimated using the IMPLAN model, with an estimate of nearly \$25.0 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 exceeds \$53.4 billion. On-airport output impacts for each airport are listed in **Table A-12** in the appendix.

Construction Output

The Texas economy receives \$1.5 billion in direct output from capital-related spending, as shown in **Table 4-12**. The estimated annual capital expenditures are based on the average of the three previous years of expenditures for each airport. Output related to commercial service airports makes up over 75 percent of the direct economic output related to CIP.

Airports require frequent maintenance and long-range planning to acquire funding for major improvements. For example, the Dallas Executive Airport is undertaking a \$23.4 million project to reconstruct portions of Runway 13/31 and shift it to meet runway safety standards. This effort began in 2014 and is expected to conclude in 2018.

Multiplier impacts add \$1.4 billion in additional output, resulting in total construction impacts of \$2.9 billion. Construction-related output impacts for each airport are listed in **Table A-13** in the appendix.

**Table 4-12
Construction Output**

Airports	Direct CIP Output	Multiplier CIP Output	Total CIP Output
Commercial Service Airports	\$1,130,776,000	\$1,068,737,000	\$2,199,513,000
General Aviation Airports	\$336,181,000	\$317,969,000	\$654,150,000
Total CIP Output	\$1,466,957,000	\$1,386,706,000	\$2,853,663,000

Source: CDM Smith and IMPLAN

Commercial Service Visitor-Related Output

Table 4-13 identifies the output attributed to commercial visitor spending. Airports from the largest metropolitan areas in Texas - Dallas/Fort Worth, Houston, Austin, and San Antonio - contribute 88 percent of direct output from commercial service visitor spending. Dallas Love and Houston Hobby provide alternatives to Dallas Fort Worth International and Houston Intercontinental that feature low cost carrier Southwest Airlines, popular among visitors for their fares and assists in adding more visitor output based on the nature of their business model. The recirculation of all direct spending from commercial visitors creates another \$18 billion in multiplier impacts. In total, the combined annual output from commercial service visitor spending is over \$37 billion. Air carrier visitor output impacts for each airport are listed in **Table A-14** in the appendix.

Table 4-13
Commercial Service Visitor-Related Output

Airports	Direct Commercial Service Visitor-Related Output	Multiplier Commercial Service Visitor-Related Output	Total Commercial Service Visitor-Related Output
Total Commercial Service Visitor Output	\$18,984,157,000	\$18,350,807,000	\$37,334,964,000

Source: CDM Smith and IMPLAN

General Aviation Visitor-Related Output

Table 4-14 displays the output generated by all general aviation visitors in Texas. Direct annual output is estimated at \$325.8 million. General aviation airports in Texas support more than half of all direct general aviation visitor-related output. In rural west Texas, Marfa Municipal Airport and the City of Marfa have worked together to take advantage of the city’s growing arts and culture community. The City of Marfa contributes hotel occupancy taxes toward the costs of airport facilities in recognition of the visitors that they airport brings to the region.



“AIRPORTS AND RECENT IMPROVEMENTS REFLECT WELL ON THE STATE AS AN ECONOMIC GENERATOR FOR BUSINESS.”

- Visitors to Sugar Land Regional from Tradewind

When adding in the multiplier effect, as the money makes its way through the economy, over \$309.9 million is created in additional output. When direct and multiplier impacts are combined, general aviation visitor output is \$635.7 million. General aviation visitor-related output impacts for each airport are listed in **Table A-15** in the appendix.

Table 4-14
General Aviation Visitor-Related Output

Airports	Direct GA Visitor-Related Output	Multiplier GA Visitor-Related Output	Total GA Visitor-Related Output
Commercial Service Airports	\$135,542,000	\$128,809,000	\$264,351,000
General Aviation Airports	\$190,222,000	\$181,139,000	\$371,361,000
Total General Aviation Visitor Output	\$325,764,000	\$309,948,000	\$635,712,000

Source: CDM Smith and IMPLAN

Total 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 more than \$49.2 billion while multiplier output impacts are estimated at more than \$45.0 billion annually. Combined direct and multiplier output from on-airport activities, construction and all aviation visitors produce a total annual output of \$94.3 billion for Texas’ economy. Output impacts for each airport are listed in **Table A-16** in the appendix. While commercial service airports produce the majority of total output, general aviation airports continue to provide great benefit to the communities they serve as evidenced by investment from the community and tenants at Gillespie County, Granbury Regional, and others.

**Table 4-15
Total Output**

Airports	Direct Output	Multiplier Output	Total Output
Commercial Service Airports	\$44,192,868,000	\$40,710,685,000	\$84,903,553,000
General Aviation Airports	\$5,024,540,000	\$4,322,619,000	\$9,347,159,000
Total Output	\$49,217,408,000	\$45,033,304,000	\$94,250,712,000

Source: CDM Smith and IMPLAN

COMPARISON TO PREVIOUS STUDY

The growth of the Texas airport system can be measured by comparison of current economic impacts to past studies. When making such a comparison, it is important to compare results that were obtained using similar methodologies. The previous study, *The Economic Impact of General Aviation in Texas*, used 2011 as the base year. Like this study, it focused on the general aviation airports in the system, but also included economic impact estimates for the 25 commercial service airports. It made use of an IMPLAN economic model, so it can be safely assumed that a methodology similar to the current study was used to develop the 2011 economic impact estimates. However, the technical report for the study did not provide details by airport beyond the total impact level, so the only valid comparisons that can be made are at the total impact level. The total impacts include both direct and multiplier impacts.

As shown in **Table 4-16**, the Texas airport system has exhibited growth across each economic measure. Total employment attributed to general aviation airports rose to more than 48,000 since 2011 – an increase of 54 percent. Payroll for those jobs grew even more over this period, rising nearly 65 percent to \$2.6 billion. Total output from general aviation airports soared to \$9.3 billion, an increase of nearly 47 percent from 2011.

**Table 4-16
Comparison of Total Economic Impacts**

Airports	2011 Study	2017 Study	Percent Change
General Aviation Airports			
Total Employment	31,192	48,089	54.2%
Total Payroll	\$1,563,355,202	\$2,576,144,000	64.8%
Total Output	\$6,368,561,698	\$9,347,159,000	46.8%
Commercial Service Airports			
Total Employment	698,432	730,866	4.6%
Total Payroll	\$19,956,019,828	\$27,502,867,000	37.8%
Total Output	\$45,357,769,462	\$84,903,553,000	87.2%

Source: CDM Smith and *The Economic Impact of General Aviation in Texas*, 2011.

The 25 commercial service airports showed gains as well. The number of jobs attributed to activities at commercial service airports grew modestly from 2011, increasing by nearly 5 percent to more than 730,000 workers. The total payroll for those jobs experienced much greater growth of approximately 38 percent, indicating gains in salary and wages for commercial service airport workers. Total output at the commercial service airports exhibited the greatest growth, jumping 87 percent over 2011 output to \$84.9 billion.

SUMMARY

Texas airports are significant contributors to the Texas economy. The aviation-related activity at Texas airports supports 778,955 jobs with an associated payroll of \$30.1 billion. This economic impact is the result of on-airport businesses and government organizations carrying out their duties and services as part of the aviation industry. It also includes impacts from airport-related capital projects, as well as the effects from expenditures by visitors arriving via airline and private aircraft. Using an economic input-output model, the follow-on effects of multiplier impacts were estimated. Together, all of this activity results in \$94.3 billion of economic output for Texas.

These impacts are significantly higher than when they were last measured in 2011. The general aviation airports exhibited strong growth across all measures, with employment rising 54 percent, payroll up 65 percent, and output increasing 47 percent since the previous study.

The impacts at commercial service airports also showed growth. Employment grew by 5 percent, while payroll and output jumped 38 percent and 87 percent, respectively.



CHAPTER 5: BUSINESS USE OF AVIATION

BUSINESS AVIATION

General aviation is all civil aviation activity not flown on scheduled commercial airlines, and business aviation is general aviation flown for business purposes. Business general aviation aircraft include piston aircraft, helicopters, turboprops, and jets. Several studies provide an overview of the benefits and scope of business aviation, as well as its impact on the national economy. These documents include the following:

- *NBAA Business Aviation Fact Book* – The National Business Aviation Association (NBAA) is the premiere organization for companies that rely on general aviation for business travel. NBAA represents over 11,000 companies, providing products, services, and market research. The mission statement of NBAA is to “foster an environment that allows business aviation to thrive in the United States and around the world.” NBAA publishes the *NBAA Business Aviation Fact Book* to illustrate the economic impacts, benefits to companies, and need for business-specific general aviation services. The *Fact Book* makes specific note of how business aviation can benefit companies over commercial aviation.
- *Business Aviation and Top Performing Companies 2017* – Written by NEXA Advisors, this document is their latest research effort to support the finding that business aviation contributes to a company’s enterprise value and productivity. NEXA separates businesses into two categories – users of business aviation and non-users – and states where users place in rankings by such publications as Forbes and Fortune.
- *Business Aviation: Maintaining Shareholder Value Through Turbulent Times, Part IV Fall 2012* – Also written by NEXA Advisors, *Business Aviation* analyzes the value of business aviation to shareholders for Standard and Poor’s S&P 500 (large cap) and S&P 600 (small cap) companies. The study focused on the period from 2003 to 2010, paying particular attention to how companies recovered from the Great Recession, and if companies that regularly use business aviation fared better.
- *The Real World of Business Aviation: A Survey of Companies Using General Aviation Aircraft* – Prepared by Harris Interactive for both NBAA and The General Aviation Manufacturers Association, many of the results of this document were included as key parts of NBAA’s *Fact Book*. The survey was distributed to NBAA member businesses, with results further emphasizing the ways in which companies use general aviation and the various benefits they experience.

The following sections provide an overview of business aviation, its benefits to companies, and how it impacts the national and global economy.

Overview of Business Aviation

According to NBAA, the vast majority of business aircraft seat six passengers and fly trips that average less than 1,000 miles. Business aircraft are often equipped with phones and internet access so that employees can maintain productivity while in the air. Business aviation is a massive economic activity for the United States, generating approximately \$150 billion in annual economic output and employing more than 1.2 million people. These jobs are not just limited to pilots and flight attendants, but include professionals in aircraft maintenance, aircraft sales and service, ground handling and support, aviation education, flight scheduling and dispatch, and more. The global business aviation industry is an expanding sector. In 2004, the worldwide fleet of business aviation aircraft was

growing at approximately 1 percent annually. By 2012, growth had increased to nearly 2 percent annually. In addition, the majority of these worldwide business aircraft are built, serviced, and maintained in the U.S.

Small companies operate the majority of business aircraft, with 59 percent of all companies using business general aviation having fewer than 500 employees, and 70 percent have fewer than 1,000 employees. Most business flights are conducted on-demand, but some companies also maintain scheduled operations, known as general aviation shuttles.



King Air at Abilene Regional Airport

Harris Interactive's survey effort focused on many facets of business aviation, including how companies use aviation differently. Companies were asked to report the job title or position of the employees typically using aviation. Nearly three quarters were found to be in management positions, with over 20 percent being described as top management. Another 20 percent of business aviation passengers were reported as being in technical, sales, or service positions. Harris Interactive also asked businesses to report the number of aircraft they used. The vast majority – 75 percent of responding businesses – stated that they only operate one aircraft. An additional 12 percent indicated the use of two aircraft, while the remaining 13 percent reported using three or more aircraft.

Benefits of Business Aviation

The *Fact Book* details a multitude of benefits companies reap from the use of business general aviation. These benefits range from accessibility and scheduling to increased productivity and profits. The following sections summarize the various benefits of business aviation.

Accessibility

Business aviation provides access to a far greater number of airports than does commercial aviation. NBAA estimates that business general aviation flies to 10 times the number of airports flown to by commercial airlines; approximately 5,000 airports compared to 500. Many of these airports offer less congested airfields located closer to a traveler's destination. Harris Interactive's survey effort asked companies to report the percentage of their flights flown into communities that have never had a commercial service airport. On average, companies reported that 40 percent of business aviation flights were into communities that have never had commercial service.



Addison Airport

Business general aviation also allows companies to reach multiple destinations much faster than does commercial aviation or ground transportation. In their survey effort, Harris Interactive found that the most common destinations are customer offices, followed by locations of new business opportunities and company-owned offices or facilities.

On-Demand Aviation

Business aviation supports on-demand travel for companies. The Harris Interactive survey effort found that over 60 percent of businesses reported that scheduling was a primary benefit. Because of the on-demand nature of business flights, much less time is spent in airport terminals and security lines. Passengers on business aviation can typically go from the airport terminal into their aircraft very rapidly. This helps employees minimize their non-working hours away from home. The on-demand nature of business aviation also allows for timely shipment of supplies, cargo, office and industrial equipment, and sensitive documents.

Employee Productivity

Harris Interactive and NBAA found that employees are far more productive while on business aviation flights than on commercial flights. Results of the survey effort showed that individual employee productivity is nearly the same on commercial airlines as it is on business flights. However, survey respondents reported overwhelmingly that productivity between company employees is far higher on business general aviation flights than on commercial flights. In addition, some companies reported productivity between employees and clients on general aviation business flights. No companies reported this activity on commercial flights. Much of this productivity is created by the nature of a business aircraft itself. Operating essentially as a mobile office, a business aircraft provides companies and clients with a level of privacy to do business that they could never experience in a commercial aircraft.

Company Performance, Profits and Return to Shareholders



Aransas County Airport

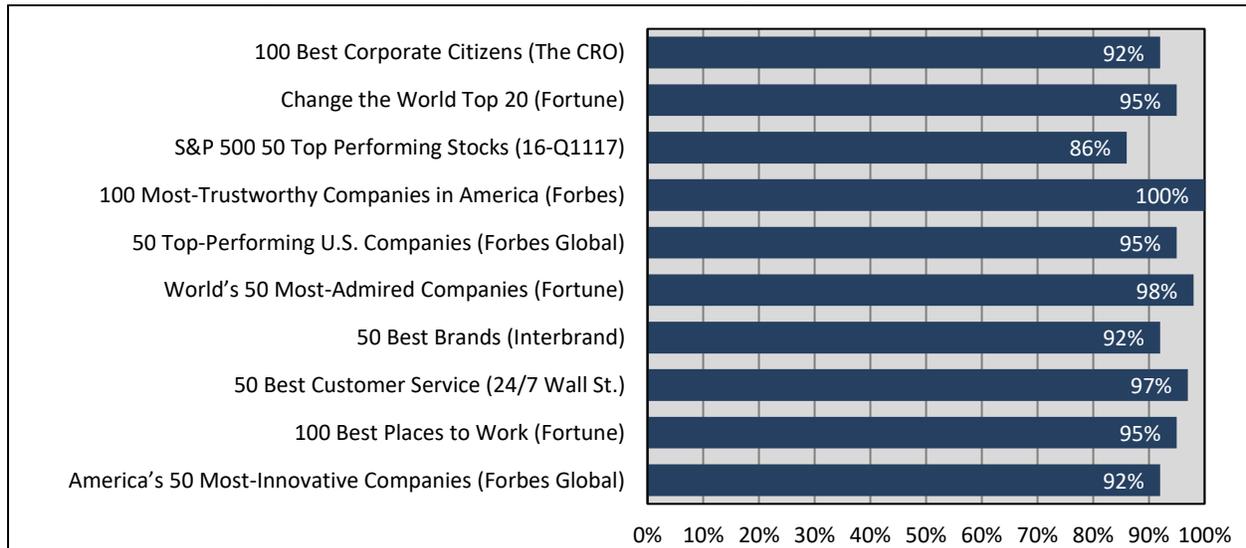
The increase in productivity and time savings are naturally reflected in companies’ bottom lines. NEXA Advisors found that business aviation is highly correlated to increased profits for companies both large and small. NEXA split 2017 S&P 500 businesses into two groups: business aviation users – those that regularly use aircraft that is owned, fractionally owned, leased, or chartered for business purposes – and non-users. Specifically, small and

medium enterprises (SMEs) that use business aviation provided a total return on investment 245 percent higher than that of businesses that do not use business aviation. NEXA also found that from 2012 to 2017 users of business aviation experienced an enterprise value change of 170 percent compared to 100 percent for non-users, and that the difference between the two has increased each year during this period.

NEXA found that business aviation is also highly correlated with a company’s resiliency during turbulent financial times. From 2007 through 2011, during the Great Recession, aviation business users experiences on average far less revenue setbacks than non-users, and recovered to pre-recession levels rapidly. User companies were also quicker in hiring back employees after the recession than were non-user companies.

NEXA made many measurements of the performance of business aviation users versus non-users in their analyses, but perhaps most telling is where user companies rank in several industry “best of” lists. NEXA found that business aviation user companies made up a very high percentage of each of the following lists, as shown in **Figure 5-1**.

Figure 5-1
Percentage of Industry “Best Of” Lists Made Up of Business Aviation Users



Source: NEXA Advisors.

Safety and Security

The business aviation community has established several standards for aviation safety, and aircraft operators have several places to turn for best practices. NBAA's Safety Committee has established 10 Safety Focus Areas, and presents Flying Safety Awards to companies that excel in aviation safety. Safety management systems help aviation professionals identify potential hazards and mitigate risks. NBAA is a founding member of the International Business Aviation Council, which developed the International Standard for Business Aircraft Operations, a code of best practices for business aviation. In addition, many companies participate in voluntary safety programs. The cumulative result of these efforts is that the number of general aviation accidents has steadily decreased in the U.S. since 1990.

General aviation maintains a level of security comparable to that of commercial aviation. Security is maintained through many policies, starting with the screening of non-U.S. citizens seeking flight training, the reporting of any suspicious activity in the purchase or sale of aircraft, and the issuance of tamper-proof licenses for aviation personnel. Law enforcement agencies check registries of pilots and aircraft against terrorist and criminal databases. Security at small airports is provided by pilots reporting suspicious activity to a Transportation Security Administration (TSA) hotline, while charter aircraft over 12,500 pounds must comply with many of the same TSA standards as commercial aircraft.



Jets at Cotulla-La Salle County Airport

Humanitarian Efforts

Finally, business aviation makes it easier for companies to take part in humanitarian efforts. In times of natural disasters, business aircraft can be used to transport relief and medical supplies to disaster areas. Medical helicopters and business aircraft are used throughout the world by organizations such as the Red Cross, Angel Flight, Air Care Alliance, and more.

Business helicopter-operators aided in relief from Superstorm Sandy in 2012, delivering over 12 tons of supplies to the areas in most need. After the 2010 earthquake in Haiti, business aircraft flew more than 700 flights to the island nation, transporting passengers and delivering more than 700 tons of relief supplies. In the aftermath of this disaster, NBAA developed the Humanitarian Emergency Response Operator (HERO) database so that relief organizations can better communicate with pilots and aircraft owners.

In 2017, a series of hurricanes ravaged the Caribbean islands and Gulf Coast. In Houston, where Hurricane Harvey caused an estimated \$125 billion in damages, business aviation was crucial to an efficient and rapid recovery effort. In a public letter, Texas State Representative Dade Phelan praised the efforts and contributions of the general aviation community. He specifically pointed to the aid provided by the Patient Airlift Services (PALS) Sky Hope Disaster Relief Program, which organizes volunteer pilots during times of crisis. Sky Hope made over 150 flights to the Texas Gulf Coast in the

days following the hurricane, carrying over 200,000 lbs. of relief supplies. Representative Phelan praised Sky Hope for its ability to coordinate relief efforts with the military and various volunteer groups.¹

In South Florida, the business aviation community provided relief to the Florida Keys as well as Caribbean islands following Hurricanes Maria and Irma. A hurricane relief fund was set up by three South Florida business aviation organizations: the South Florida Business Aviation Association (SFBA), Tampa Bay Aviation Association (TBAA), and the Florida Aviation Business Association (FABA). In addition to organizing relief funds, these organizations coordinated volunteer pilots and flights. Aerobridge, another non-profit organization that coordinates relief efforts, flew over 80 tons of relief supplies to the Florida Keys and other areas following Hurricane Irma. In Fort Lauderdale, fixed-base operator Banyan Air Service became a base of operations for relief efforts. The company stated that during relief efforts, over 150 aircraft from throughout the country arrived at Fort Lauderdale, and Banyan provided further help by discounting fuel prices and suspending ramp fees.²



“THE SKY HOPE AIRLIFT TO ORANGE AND JEFFERSON COUNTIES PROVIDES AN EXCELLENT EXAMPLE OF HOW CRITICAL GENERAL AVIATION AIRPORTS AND AIRSPACE ARE IN SERVING COMMUNITIES. THIS WAS A MAJOR HUMANITARIAN RELIEF EFFORT AND SHOULD SERVE AS A TEMPLATE FOR OTHER RESCUE AND RECOVERY EFFORTS GOING FORWARD.”

- Texas State Representative Dade Phelan

Service became a base of operations for relief efforts. The company stated that during relief efforts, over 150 aircraft from throughout the country arrived at Fort Lauderdale, and Banyan provided further help by discounting fuel prices and suspending ramp fees.²

Texas Flight Department Activity

Based on information gathered for this study, there are at more than 122 corporate flight departments operating at Texas system airports.³ These businesses employ nearly 570 workers at 38 airports. Many of these flight departments consist of four or fewer personnel, with many making use of part-time employees to fill their staffing needs. At the other end of the spectrum, the most robust flight operation departments employ as many as 50 people and operate multiple aircraft.

Flight departments typically provide well-paying jobs in the community. Collectively, identified flight departments support \$90 million in salary and benefits. Output from these on-airport departments create more than \$300 million in economic impacts. Additionally, a network of avionics, airframe and powerplant maintenance, and other professions exist to support the operations of these companies.

¹ Office of Dade Phelan, Texas State Representative, District 21 (2017).

² NBAA (2017).

³ Since detailed studies were not done for AUS, DAL, DFW, ELP, HOU, IAH, and SAT, the corporate flight departments at these airports are not included in the count.

SUMMARY

This chapter summarized the findings of several studies on business aviation, including studies performed by NBAA, NEXA Advisors, Harris Interactive, and other organizations. Business aviation is a \$150 billion industry and employs over 1.2 million people nationwide. Most employees using business aviation are in management positions, with over 20 percent being upper management, while 75 percent of companies that use business aviation only own one aircraft.

There are numerous benefits of using business aviation over commercial passenger service. Business aircraft can access approximately 5,000 airports to commercial service's 500, while business aviation allows for on-demand travel, not scheduled passenger service. A survey effort by Harris Interactive found that business aviation yielded far higher employee productivity than commercial service, particularly productivity between employees. Another benefit of business aviation is resiliency, as NEXA Advisors found that companies using business aviation have higher stability during turbulent financial times. NEXA also found that industry "best of" lists are typically populated largely by companies that use business aviation. In addition, business aviation carries with it a security standard comparable to that of commercial service. In Texas, this study identified more than 100 corporate flight departments, both large and small, which employ hundreds of well-paid, highly-skilled workers.

Business aviation is also important to humanitarian efforts. During the aftermath of such natural disasters as Superstorm Sandy, the 2010 earthquake in Haiti, and the hurricane season of 2017, the business aviation community was key in organizing the shipment of supplies and crucial personnel to the devastated areas.



APPENDIX A: ECONOMIC IMPACT TABLES

This Appendix contains tables detailing the economic impacts from the 289 Texas system airports. The row labeled “Other Airports” combines the impacts of the following airports:

- Bishop Municipal (07R)
- Cochran County (F85)
- Crystal City Municipal (20R)
- Cuero Municipal (T71)
- Dilley Airpark (24R)
- Duval-Freer (T19)
- Eldorado (27R)
- Fisher County (56F)
- Follett/Lipscomb County (T93)
- Goldthwaite Municipal (T37)
- Greater Morris County (8F5)
- Groveton-Trinity County (33R)
- Higgins-Lipscomb County (1X1)
- Marlin (T15)
- Mc Lean/Gray County (2E7)
- Memphis Municipal (F21)
- Menard County (T50)
- Miami-Roberts County (3E0)
- Newton Municipal (61R)
- Pineland Municipal (T24)
- Post-Garza County Municipal (5F1)
- Real County (49R)
- Rio Grande City Municipal (67R)
- Robert Lee (54F)
- San Augustine County (78R)
- Shamrock Municipal (2F1)
- Smiley Johnson Municipal/Bass Field (E34)
- Stanton Municipal (63F)
- Stonewall County (T60)
- Teague Municipal (68F)
- The Carter Memorial (T91)
- Tyler County (09R)
- Yoakum Municipal (T85)

Table A-1: Estimates of General Aviation Visitors to Texas Airports

Associated City	Airport	GA Operations	Percentage True Transients	GA True Transient Arrivals	Visitors per Arrival	Estimated GA Visitors
<i>Commercial Service Airports</i>						
Abilene	Abilene Regional	45,489	9%	4,177	3.7	15,455
Amarillo	Rick Husband Amarillo International	46,815	10%	4,528	3.7	16,754
Austin	Austin-Bergstrom International	62,283	16%	9,660	3.7	35,742
Beaumont/Port Arthur	Jack Brooks Regional	12,959	12%	1,593	3.7	5,894
Brownsville	Brownsville/South Padre Island International	23,065	11%	2,507	3.7	9,276
College Station	Easterwood Field	40,760	12%	4,779	3.7	17,682
Corpus Christi	Corpus Christi International	50,406	11%	5,386	3.7	19,928
Dallas	Dallas Love Field	60,481	16%	9,979	3.7	36,922
Dallas-Fort Worth	Dallas/Fort Worth International	7,043	16%	1,162	3.7	4,299
El Paso	El Paso International	47,465	12%	5,687	3.7	21,042
Fort Hood (Killeen)	Killeen-Fort Hood Regional	7,193	17%	1,187	3.7	4,392
Harlingen	Valley International	25,006	4%	1,060	3.7	3,922
Houston	George Bush Intercontinental/Houston	11,236	17%	1,854	3.7	6,860
Houston	William P Hobby	57,811	17%	9,539	3.7	35,294
Laredo	Laredo International	87,840	4%	3,740	3.7	13,838
Longview	East Texas Regional	49,835	7%	3,307	3.7	12,236
Lubbock	Lubbock Preston Smith International	39,152	11%	4,482	3.7	16,583
Mc Allen	Mc Allen Miller International	45,439	14%	6,196	3.7	22,925
Midland	Midland International Air and Space Port	48,668	11%	5,569	3.7	20,605
San Angelo	San Angelo Regional/Mathis Field	82,289	8%	6,227	3.7	23,040
San Antonio	San Antonio International	55,281	16%	9,121	3.7	33,748
Texarkana, AR	Texarkana Regional Airport-Webb Field	18,110	10%	1,740	3.7	6,438
Tyler	Tyler Pounds Regional	31,422	11%	3,565	3.7	13,191
Waco	Waco Regional	27,800	13%	3,616	3.7	13,379
Wichita Falls	Sheppard AFB/Wichita Falls Municipal	103,051	16%	16,465	3.7	60,921
Commercial Service Airports Total		1,086,899	12%	127,126	3.7	470,366
<i>General Aviation Airports</i>						
Albany	Albany Municipal	2,800	4%	116	2.8	325
Alice	Alice International	26,600	14%	3,663	3.7	13,553
Alpine	Alpine-Casparis Municipal	10,450	4%	437	2.8	1,224
Amarillo	Tradewind	44,030	4%	1,817	3.7	6,723
Anahuac	Chambers County	2,400	6%	132	2.8	370
Andrews	Andrews County	10,400	4%	429	2.8	1,201
Angleton/Lake Jackson	Texas Gulf Coast Regional	77,981	11%	8,290	3.7	30,673
Arlington	Arlington Municipal	85,137	9%	7,620	3.7	28,194

Table A-1: Estimates of General Aviation Visitors to Texas Airports (cont.)

Associated City	Airport	GA Operations	Percentage True Transients	GA True Transient Arrivals	Visitors per Arrival	Estimated GA Visitors
Athens	Athens Municipal	6,125	6%	351	2.8	983
Atlanta	Hall-Miller Municipal	15,600	6%	858	2.1	1,802
Ballinger	Bruce Field	2,850	4%	124	2.8	347
Bay City	Bay City Regional	8,750	6%	496	2.8	1,389
Beaumont	Beaumont Municipal	15,500	6%	908	2.1	1,907
Beeville	Beeville Municipal	8,000	4%	330	2.8	924
Big Lake	Reagan County	4,000	4%	165	2.8	462
Big Spring	Big Spring Mc Mahon-Wrinkle	23,520	5%	1,109	2.1	2,329
Bonham	Jones Field	5,700	6%	314	2.8	879
Borger	Hutchinson County	10,010	4%	414	2.8	1,159
Bowie	Bowie Municipal	13,700	4%	578	2.8	1,618
Brady	Curtis Field	26,400	7%	1,832	3.7	6,778
Breckenridge	Stephens County	15,200	4%	627	2.8	1,756
Brenham	Brenham Municipal	15,050	6%	833	2.1	1,749
Bridgeport	Bridgeport Municipal	15,900	6%	875	2.1	1,838
Brownfield	Terry County	6,800	4%	281	2.8	787
Brownwood	Brownwood Regional	25,000	5%	1,155	2.1	2,426
Bryan	Coulter Field	16,200	6%	891	2.1	1,871
Burnet	Burnet Municipal Kate Craddock Field	16,200	6%	957	2.1	2,010
Caddo Mills	Caddo Mills Municipal	14,000	13%	1,815	3.7	6,716
Caldwell	Caldwell Municipal	7,100	5%	347	2.8	972
Cameron	Cameron Municipal Airpark	1,500	6%	83	2.8	232
Canadian	Hemphill County	6,400	4%	264	2.8	739
Carrizo Springs	Dimmit County	1,800	6%	99	2.8	277
Carthage	Panola County-Sharpe Field	11,050	4%	487	2.8	1,364
Castroville	Castroville Municipal	16,420	5%	861	2.1	1,808
Center	Center Municipal	7,630	6%	434	2.8	1,215
Childress	Childress Municipal	4,840	4%	201	2.8	563
Cisco	Cisco Municipal	2,800	4%	116	2.8	325
Clarksville	Clarksville/Red River County-J D Trissell Field	1,300	3%	43	2.8	120
Cleburne	Cleburne Regional	33,124	4%	1,406	2.1	2,953
Cleveland	Cleveland Municipal	14,200	6%	825	2.1	1,733
Clifton	Clifton Municipal/Isenhower Field	5,700	6%	314	2.8	879
Coleman	Coleman Municipal	7,500	6%	413	2.8	1,156
Colorado City	Colorado City	2,000	4%	83	2.8	232
Columbus	Robert R Wells Jr.	4,000	4%	165	2.8	462
Comanche	Comanche County-City	9,200	4%	380	2.8	1,064
Commerce	Commerce Municipal	5,000	13%	660	2.8	1,848
Corsicana	C David Campbell Field-Corsicana Municipal	25,200	4%	1,040	2.1	2,184
Cotulla	Cotulla-La Salle County	13,450	12%	1,559	2.1	3,274
Crane	Crane County	1,200	8%	99	2.8	277
Crockett	Houston County	6,600	6%	363	2.8	1,016
Crosbyton	Crosbyton Municipal	2,000	4%	83	2.8	232

Table A-1: Estimates of General Aviation Visitors to Texas Airports (cont.)

Associated City	Airport	GA Operations	Percentage True Transients	GA True Transient Arrivals	Visitors per Arrival	Estimated GA Visitors
Dalhart	Dalhart Municipal	11,350	4%	487	2.8	1,364
Dallas	Addison	95,324	16%	15,105	3.7	55,889
Dallas	Dallas CBD Vertiport	600	17%	99	2.8	277
Dallas	Dallas Executive	47,229	0%	4,440	3.7	16,428
McKinney	McKinney National	107,139	6%	6,036	3.7	22,333
Decatur	Decatur Municipal	13,200	6%	726	2.8	2,033
Del Rio	Del Rio International	15,259	4%	538	2.8	1,506
Dell City	Dell City Municipal	2,500	3%	83	2.8	232
Denton	Denton Enterprise	166,815	7%	12,267	3.7	45,388
Denver City	Denver City	4,400	4%	182	2.8	510
Desoto	Desoto Heliport	1,915	4%	79	2.8	221
Devine	Devine Municipal	5,400	6%	297	2.8	832
Dimmitt	Dimmitt Municipal	2,600	1%	33	2.8	92
Dryden	Terrell County	300	17%	50	2.8	140
Dublin	Dublin Municipal	4,400	4%	182	2.8	510
Dumas	Moore County	10,830	4%	450	2.8	1,260
Eagle Lake	Eagle Lake	8,700	6%	479	2.8	1,341
Eagle Pass	Maverick County Memorial International	600	6%	33	2.8	92
Eastland	Eastland Municipal	8,000	4%	330	2.8	924
Edinburg	South Texas International at Edinburg	4,140	4%	155	2.8	434
Edna	Jackson County	7,600	6%	429	2.8	1,201
Ennis	Ennis Municipal	3,720	5%	168	2.8	470
Fabens	Fabens	10,500	6%	677	2.8	1,896
Falfurrias	Brooks County	5,400	14%	743	2.8	2,080
Floydada	Floydada Municipal	6,300	6%	347	2.8	972
Fort Stockton	Fort Stockton-Pecos County	8,250	4%	371	2.8	1,039
Fort Worth	Fort Worth Alliance	116,438	9%	10,482	3.7	38,783
Fort Worth	Fort Worth Meacham International	117,060	9%	10,874	3.7	40,234
Fort Worth	Fort Worth Spinks	66,515	7%	4,324	3.7	15,999
Fredericksburg	Gillespie County	14,808	8%	1,239	2.1	2,602
Gainesville	Gainesville Municipal	17,800	6%	990	2.1	2,079
Galveston	Scholes International at Galveston	31,050	13%	4,153	3.7	15,366
Garland	Garland/DFW Heloplex	36,500	1%	248	2.8	694
Gatesville	Gatesville Municipal	4,500	6%	281	2.8	787
George West	Live Oak County	1,508	12%	182	2.8	510
Georgetown	Georgetown Municipal	74,939	8%	5,965	3.7	22,071
Giddings	Giddings-Lee County	5,800	7%	380	2.8	1,064
Gilmer	Fox Stephens Field-Gilmer Municipal	9,100	3%	231	2.8	647
Gladewater	Gladewater Municipal	17,600	4%	776	2.8	2,173
Gonzales	Roger M. Dreyer Memorial	3,200	4%	132	2.8	370
Graford	Possum Kingdom	5,200	4%	215	2.8	602
Graham	Graham Municipal	13,510	1%	200	2.8	560
Granbury	Granbury Regional	26,700	6%	1,469	2.1	3,085

Table A-1: Estimates of General Aviation Visitors to Texas Airports (cont.)

Associated City	Airport	GA Operations	Percentage True Transients	GA True Transient Arrivals	Visitors per Arrival	Estimated GA Visitors
Grand Prairie	Grand Prairie Municipal	66,748	6%	3,847	3.7	14,234
Greenville	Majors	19,135	5%	1,052	2.1	2,209
Gruver	Gruver Municipal	3,100	1%	17	2.8	48
Hallettsville	Hallettsville Municipal	2,100	6%	116	2.8	325
Hamilton	Hamilton Municipal	6,900	4%	297	2.8	832
Haskell	Haskell Municipal	2,400	6%	132	2.8	370
Hearne	Hearne Municipal	3,200	4%	132	2.8	370
Hebbronville	Jim Hogg County	470	12%	58	2.8	162
Henderson	Rusk County	12,400	5%	561	2.8	1,571
Hereford	Hereford Municipal	13,435	3%	455	2.8	1,274
Hillsboro	Hillsboro Municipal	6,000	6%	330	2.8	924
Hondo	South Texas Regional at Hondo	25,000	3%	825	2.1	1,733
Houston	Conroe-North Houston Regional	63,269	10%	6,519	3.7	24,120
Houston	David Wayne Hooks Memorial	113,586	9%	10,592	3.7	39,190
Houston	Ellington Field	102,269	12%	11,943	3.7	44,189
Houston	Houston-Southwest	42,624	6%	2,677	3.7	9,905
Houston	Pearland Regional	60,000	6%	3,300	3.7	12,210
Houston	Sugar Land Regional	73,577	10%	7,715	3.7	28,546
Houston	West Houston	103,000	5%	5,445	3.7	20,147
Huntsville	Huntsville Municipal	29,613	6%	1,768	3.7	6,542
Ingleside	McC Campbell-Porter	20,000	4%	825	2.1	1,733
Jacksboro	Jacksboro Municipal	2,500	3%	66	2.8	185
Jacksonville	Cherokee County	12,350	6%	698	2.8	1,954
Jasper	Jasper County-Bell Field	16,000	4%	660	2.8	1,848
Jayton	Kent County	100	8%	8	2.8	22
Jefferson	Cypress River	3,200	4%	132	2.8	370
Junction	Kimble County	7,700	4%	330	2.8	924
Kenedy	Karnes County	3,000	6%	165	2.8	462
Kerrville	Kerrville Municipal/Louis Schreiner Field	59,800	13%	7,865	3.7	29,101
Killeen	Skylark Field	28,365	4%	1,215	2.1	2,552
Kingsville	Kleberg County	560	15%	84	2.8	235
Kirbyville	Kirbyville	10,000	4%	413	2.8	1,156
Knox City	Harrison Field of Knox City	2,500	3%	83	2.8	232
Kountze/Silsbee	Hawthorne Field	4,200	4%	182	2.8	510
La Grange	Fayette Regional Air Center	9,300	6%	512	2.8	1,434
La Porte	La Porte Municipal	29,050	6%	1,598	2.1	3,356
Lago Vista	Lago Vista TX-Rusty Allen	5,100	6%	281	2.8	787
Lamesa	Lamesa Municipal	13,600	4%	561	2.8	1,571
Lampasas	Lampasas	10,800	4%	446	2.8	1,249
Lancaster	Lancaster Regional	67,100	7%	4,632	3.7	17,138
Levelland	Levelland Municipal	14,025	4%	582	2.8	1,630
Liberty	Liberty Municipal	6,243	10%	609	2.8	1,705
Littlefield	Taylor Brown Municipal	7,025	4%	252	2.8	706
Livingston	Livingston Municipal	9,200	4%	380	2.8	1,064
Llano	Llano Municipal	10,024	8%	829	2.1	1,741
Lockhart	Lockhart Municipal	17,700	6%	974	2.1	2,045

Table A-1: Estimates of General Aviation Visitors to Texas Airports (cont.)

Associated City	Airport	GA Operations	Percentage True Transients	GA True Transient Arrivals	Visitors per Arrival	Estimated GA Visitors
Lufkin	Angelina County	23,000	11%	2,591	3.7	9,587
Madisonville	Madisonville Municipal	400	4%	17	2.8	48
Marfa	Marfa Municipal	16,000	4%	660	2.8	1,848
Marshall	Harrison County	16,000	4%	660	2.8	1,848
Mason	Mason County	2,000	10%	198	2.8	554
Mc Camey	Upton County	800	4%	33	2.8	92
Mesquite	Mesquite Metro	69,366	7%	4,999	3.7	18,496
Mexia	Mexia-Limestone County	6,900	6%	380	2.8	1,064
Midland	Midland Airpark	27,210	5%	1,371	2.1	2,879
Midlothian/Waxahachie	Mid-Way Regional	37,400	5%	2,046	3.7	7,570
Mineola/Quitman	Wood County	20,000	4%	825	2.1	1,733
Mineral Wells	Mineral Wells	22,750	6%	1,279	2.1	2,686
Monahans	Roy Hurd Memorial	13,200	4%	545	2.8	1,526
Mount Pleasant	Mount Pleasant Regional	13,200	6%	726	2.8	2,033
Mount Vernon	Franklin County	4,300	2%	83	2.8	232
Muleshoe	Muleshoe Municipal	2,400	6%	132	2.8	370
Munday	Munday Municipal	1,200	4%	50	2.8	140
Nacogdoches	A L Mangham Jr. Regional	22,800	6%	1,287	2.1	2,703
Navasota	Navasota Municipal	12,800	4%	528	2.8	1,478
New Braunfels	New Braunfels Regional	52,541	8%	4,230	3.7	15,651
Odessa	Odessa-Schlemeyer Field	50,750	9%	4,414	3.7	16,332
Olney	Olney Municipal	4,300	4%	182	2.8	510
Orange	Orange County	12,470	5%	639	2.8	1,789
Ozona	Ozona Municipal	8,075	4%	342	2.8	958
Paducah	Dan E Richards Municipal	1,600	4%	66	2.8	185
Palacios	Palacios Municipal	7,060	7%	472	2.8	1,322
Palestine	Palestine Municipal	10,850	6%	614	2.8	1,719
Pampa	Perry Lefors Field	22,000	4%	908	2.1	1,907
Panhandle	Panhandle-Carson County	3,300	1%	17	2.8	48
Paris	Cox Field	10,830	6%	611	2.8	1,711
Pearsall	Mc Kinley Field	3,870	3%	99	2.8	277
Pecos	Pecos Municipal	23,600	11%	2,492	3.7	9,220
Perryton	Perryton Ochiltree County	19,200	4%	792	2.8	2,218
Plains	Yoakum County	7,600	4%	314	2.8	879
Plainview	Hale County	23,650	4%	982	2.1	2,062
Pleasanton	Pleasanton Municipal	9,280	6%	541	2.8	1,515
Port Aransas	Mustang Beach	3,324	15%	495	2.8	1,386
Port Isabel	Port Isabel-Cameron County	4,250	7%	305	2.8	854
Port Lavaca	Calhoun County	8,700	6%	545	2.8	1,526
Port Mansfield	Charles R Johnson	100	17%	17	2.8	48
Presidio	Presidio Lely International	900	6%	50	2.8	140
Quanah	Quanah Municipal	4,400	4%	182	2.8	510
Refugio	Rooke Field	3,900	4%	149	2.8	417
Roanoke	Northwest Regional	166,000	6%	9,240	3.7	34,188
Robstown	Nueces County	6,000	6%	330	2.8	924
Rockdale	H H Coffield Regional	3,200	4%	132	2.8	370
Rockport	Aransas County	56,720	11%	6,389	3.7	23,639

Table A-1: Estimates of General Aviation Visitors to Texas Airports (cont.)

Associated City	Airport	GA Operations	Percentage True Transients	GA True Transient Arrivals	Visitors per Arrival	Estimated GA Visitors
Rocksprings	Edwards County	820	10%	84	2.8	235
Rockwall	Ralph M Hall/Rockwall Municipal	38,020	3%	1,323	2.1	2,778
San Antonio	Stinson Municipal	93,157	6%	5,210	3.7	19,277
San Marcos	San Marcos Regional	45,000	9%	4,052	3.7	14,992
San Saba	San Saba County Municipal	2,800	7%	182	2.8	510
Seminole	Gaines County	10,550	4%	454	2.8	1,271
Seymour	Seymour Municipal	3,200	4%	132	2.8	370
Sherman	Sherman Municipal	8,250	2%	124	2.8	347
Sherman/Denison	North Texas Regional/Perrin Field	47,464	10%	4,632	3.7	17,138
Sinton	Alfred C 'Bubba' Thomas	3,000	11%	330	2.8	924
Slaton	Slaton Municipal	12,200	4%	528	2.8	1,478
Smithville	Smithville Crawford Municipal	11,600	4%	479	2.8	1,341
Snyder	Winston Field	11,200	4%	462	2.8	1,294
Sonora	Sonora Municipal	2,400	4%	99	2.8	277
Spearman	Major Samuel B Cornelius Field	7,200	4%	297	2.8	832
Stamford	Arledge Field	4,400	4%	182	2.8	510
Stephenville	Stephenville Clark Regional	20,870	4%	870	2.1	1,827
Sulphur Springs	Sulphur Springs Municipal	17,910	6%	1,041	2.1	2,186
Sunray	Sunray	5,200	4%	215	2.8	602
Sweetwater	Avenger Field	10,000	4%	413	2.8	1,156
Tahoka	T-Bar	2,600	4%	99	2.8	277
Taylor	Taylor Municipal	12,000	6%	660	2.8	1,848
Temple	Draughon-Miller Central Texas Regional	41,124	6%	2,352	3.7	8,702
Terrell	Terrell Municipal	25,550	6%	1,411	2.1	2,963
Throckmorton	Throckmorton Municipal	65	17%	11	2.8	31
Tulia	City of Tulia/Swisher County Municipal	4,800	4%	198	2.8	554
Uvalde	Garner Field	12,565	6%	753	2.8	2,108
Van Horn	Culberson County	600	8%	50	2.8	140
Vega	Oldham County	4,400	4%	182	2.8	510
Vernon	Wilbarger County	16,500	4%	693	2.8	1,940
Victoria	Victoria Regional	54,741	6%	3,321	3.7	12,288
McGregor	Mc Gregor Executive	25,200	6%	1,452	2.1	3,049
Waco	TSTC Waco	90,000	7%	6,229	3.7	23,047
Wellington	Marian Airpark	4,060	4%	175	2.8	490
Weslaco	Mid Valley	44,800	4%	1,947	3.7	7,204
Wharton	Wharton Regional	11,800	6%	660	2.8	1,848
Wheeler	Wheeler Municipal	400	4%	17	2.8	48
Wichita Falls	Kickapoo Downtown	33,950	4%	1,444	2.1	3,032
Wills Point	Van Zandt County Regional	4,800	4%	198	2.8	554
Wink	Winkler County	1,300	5%	66	2.8	185
Winnie/Stowell	Chambers County-Winnie Stowell	3,600	6%	198	2.8	554
Winnsboro	Winnsboro Municipal	2,900	4%	116	2.8	325
Winters	Winters Municipal	3,200	4%	132	2.8	370

Table A-1: Estimates of General Aviation Visitors to Texas Airports (cont.)

Associated City	Airport	GA Operations	Percentage True Transients	GA True Transient Arrivals	Visitors per Arrival	Estimated GA Visitors
Zapata	Zapata County	3,000	6%	165	2.8	462
Other Airports		35,375	4%	1,554	2.8	4,349
General Aviation Airports Total		4,582,051	7%	315,983	3.4	1,064,034
All Airports Total		5,668,950	8%	443,109	3.5	1,534,400

Source: CDM Smith.

Table A-2: On-Airport Employment from Texas Airports

Associated City	Airport Name	Direct On-Airport Employment	Multiplier On-Airport Employment	Total On-Airport Employment
<i>Commercial Service Airports</i>				
Abilene	Abilene Regional	613	1,001	1,614
Amarillo	Rick Husband Amarillo International	1,568	2,547	4,115
Austin	Austin-Bergstrom International	7,458	7,220	14,678
Beaumont/Port Arthur	Jack Brooks Regional	74	64	138
Brownsville	Brownsville/South Padre Island International	320	457	777
College Station	Easterwood Field	118	157	275
Corpus Christi	Corpus Christi International	747	706	1,453
Dallas	Dallas Love Field	8,303	8,040	16,343
Dallas-Fort Worth	Dallas/Fort Worth International	39,564	38,305	77,869
El Paso	El Paso International	3,618	3,379	6,997
Fort Hood (Killeen)	Killeen-Fort Hood Regional	140	119	259
Harlingen	Valley International	518	753	1,271
Houston	George Bush Intercontinental/Houston	33,976	32,894	66,870
Houston	William P Hobby	6,993	6,770	13,763
Laredo	Laredo International	285	337	622
Longview	East Texas Regional	173	249	422
Lubbock	Lubbock Preston Smith International	552	679	1,231
Mc Allen	Mc Allen Miller International	376	378	754
Midland	Midland International Air and Space Port	766	1,085	1,851
San Angelo	San Angelo Regional/Mathis Field	219	237	456
San Antonio	San Antonio International	5,441	5,268	10,709
Texarkana, AR	Texarkana Regional Airport-Webb Field	97	126	223
Tyler	Tyler Pounds Regional	240	340	580
Waco	Waco Regional	253	381	634
Wichita Falls	Sheppard AFB/Wichita Falls Municipal	79	83	162
Commercial Service Airports Total		112,491	111,575	224,066
<i>General Aviation Airports</i>				
Albany	Albany Municipal	2	3	5
Alice	Alice International	5	8	13
Alpine	Alpine-Casparis Municipal	32	31	63
Amarillo	Tradewind	5	4	9
Anahuac	Chambers County	3	2	5
Andrews	Andrews County	6	8	14
Angleton/Lake Jackson	Texas Gulf Coast Regional	34	38	72

Table A-2: On-Airport Employment from Texas Airports (cont.)

Associated City	Airport Name	Direct On-Airport Employment	Multiplier On-Airport Employment	Total On-Airport Employment
Arlington	Arlington Municipal	339	376	715
Athens	Athens Municipal	6	9	15
Atlanta	Hall-Miller Municipal	1	0	1
Ballinger	Bruce Field	1	0	1
Bay City	Bay City Regional	14	23	37
Beaumont	Beaumont Municipal	8	11	19
Beeville	Beeville Municipal	2	2	4
Big Lake	Reagan County	1	0	1
Big Spring	Big Spring Mc Mahon-Wrinkle	30	45	75
Bonham	Jones Field	6	9	15
Borger	Hutchinson County	26	41	67
Bowie	Bowie Municipal	2	1	3
Brady	Curtis Field	5	5	10
Breckenridge	Stephens County	33	59	92
Brenham	Brenham Municipal	12	21	33
Bridgeport	Bridgeport Municipal	5	7	12
Brownfield	Terry County	4	7	11
Brownwood	Brownwood Regional	21	33	54
Bryan	Coulter Field	18	29	47
Burnet	Burnet Municipal Kate Craddock Field	10	17	27
Caddo Mills	Caddo Mills Municipal	7	12	19
Caldwell	Caldwell Municipal	2	2	4
Cameron	Cameron Municipal Airpark	0	0	0
Canadian	Hemphill County	4	5	9
Carrizo Springs	Dimmit County	14	23	37
Carthage	Panola County-Sharpe Field	1	1	2
Castroville	Castroville Municipal	16	25	41
Center	Center Municipal	1	0	1
Childress	Childress Municipal	9	15	24
Cisco	Cisco Municipal	1	0	1
Clarksville	Clarksville/Red River County-J D Trissell Field	1	2	3
Cleburne	Cleburne Regional	30	48	78
Cleveland	Cleveland Municipal	2	3	5
Clifton	Clifton Municipal/Isenhower Field	5	9	14
Coleman	Coleman Municipal	0	0	0
Colorado City	Colorado City	3	4	7
Columbus	Robert R Wells Jr.	2	1	3
Comanche	Comanche County-City	1	0	1
Commerce	Commerce Municipal	2	2	4
Corsicana	C David Campbell Field-Corsicana Municipal	5	8	13
Cotulla	Cotulla-La Salle County	6	10	16
Crane	Crane County	0	0	0
Crockett	Houston County	1	0	1

Table A-2: On-Airport Employment from Texas Airports (cont.)

Associated City	Airport Name	Direct On-Airport Employment	Multiplier On-Airport Employment	Total On-Airport Employment
Crosbyton	Crosbyton Municipal	6	10	16
Dalhart	Dalhart Municipal	15	20	35
Dallas	Addison	1,079	1,740	2,819
Dallas	Dallas CBD Vertiport	0	0	0
Dallas	Dallas Executive	117	148	265
McKinney	McKinney National	284	483	767
Decatur	Decatur Municipal	20	36	56
Del Rio	Del Rio International	50	61	111
Dell City	Dell City Municipal	1	2	3
Denton	Denton Enterprise	400	722	1,122
Denver City	Denver City	0	0	0
Desoto	Desoto Heliport	13	23	36
Devine	Devine Municipal	11	19	30
Dimmitt	Dimmitt Municipal	2	2	4
Dryden	Terrell County	2	3	5
Dublin	Dublin Municipal	2	2	4
Dumas	Moore County	14	13	27
Eagle Lake	Eagle Lake	16	29	45
Eagle Pass	Maverick County Memorial International	3	4	7
Eastland	Eastland Municipal	6	11	17
Edinburg	South Texas International at Edinburg	22	16	38
Edna	Jackson County	3	3	6
Ennis	Ennis Municipal	5	9	14
Fabens	Fabens	3	4	7
Falfurrias	Brooks County	2	1	3
Floydada	Floydada Municipal	7	13	20
Fort Stockton	Fort Stockton-Pecos County	4	6	10
Fort Worth	Fort Worth Alliance	1,073	1,890	2,963
Fort Worth	Fort Worth Meacham International	635	1,104	1,739
Fort Worth	Fort Worth Spinks	105	187	292
Fredericksburg	Gillespie County	42	38	80
Gainesville	Gainesville Municipal	788	1,441	2,229
Galveston	Scholes International at Galveston	111	165	276
Garland	Garland/DFW Heloplex	23	40	63
Gatesville	Gatesville Municipal	3	5	8
George West	Live Oak County	1	0	1
Georgetown	Georgetown Municipal	139	246	385
Giddings	Giddings-Lee County	2	2	4
Gilmer	Fox Stephens Field-Gilmer Municipal	6	10	16
Gladewater	Gladewater Municipal	7	11	18
Gonzales	Roger M. Dreyer Memorial	1	0	1
Graford	Possum Kingdom	0	0	0

Table A-2: On-Airport Employment from Texas Airports (cont.)

Associated City	Airport Name	Direct On-Airport Employment	Multiplier On-Airport Employment	Total On-Airport Employment
Graham	Graham Municipal	5	8	13
Granbury	Granbury Regional	44	76	120
Grand Prairie	Grand Prairie Municipal	739	1,343	2,082
Greenville	Majors	4,913	3,563	8,476
Gruver	Gruver Municipal	6	11	17
Hallettsville	Hallettsville Municipal	1	0	1
Hamilton	Hamilton Municipal	1	1	2
Haskell	Haskell Municipal	4	6	10
Hearne	Hearne Municipal	5	7	12
Hebbronville	Jim Hogg County	1	1	2
Henderson	Rusk County	3	3	6
Hereford	Hereford Municipal	11	17	28
Hillsboro	Hillsboro Municipal	10	15	25
Hondo	South Texas Regional at Hondo	54	94	148
Houston	Conroe-North Houston Regional	449	487	936
Houston	David Wayne Hooks Memorial	227	355	582
Houston	Ellington Field	1,148	864	2,012
Houston	Houston-Southwest	48	75	123
Houston	Pearland Regional	35	57	92
Houston	Sugar Land Regional	190	297	487
Houston	West Houston	54	63	117
Huntsville	Huntsville Municipal	5	7	12
Ingleside	McC Campbell-Porter	13	21	34
Jacksboro	Jacksboro Municipal	2	2	4
Jacksonville	Cherokee County	32	54	86
Jasper	Jasper County-Bell Field	2	2	4
Jayton	Kent County	0	0	0
Jefferson	Cypress River	1	0	1
Junction	Kimble County	4	4	8
Kenedy	Karnes County	2	1	3
Kerrville	Kerrville Municipal/Louis Schreiner Field	186	337	523
Killeen	Skylark Field	21	34	55
Kingsville	Kleberg County	5	9	14
Kirbyville	Kirbyville	1	1	2
Knox City	Harrison Field of Knox City	4	7	11
Kountze/Silsbee	Hawthorne Field	2	2	4
La Grange	Fayette Regional Air Center	8	11	19
La Porte	La Porte Municipal	20	33	53
Lago Vista	Lago Vista TX-Rusty Allen	11	17	28
Lamesa	Lamesa Municipal	16	29	45
Lampasas	Lampasas	0	0	0
Lancaster	Lancaster Regional	26	39	65
Levelland	Levelland Municipal	12	17	29
Liberty	Liberty Municipal	1	0	1

Table A-2: On-Airport Employment from Texas Airports (cont.)

Associated City	Airport Name	Direct On-Airport Employment	Multiplier On-Airport Employment	Total On-Airport Employment
Littlefield	Taylor Brown Municipal	5	9	14
Livingston	Livingston Municipal	2	2	4
Llano	Llano Municipal	3	4	7
Lockhart	Lockhart Municipal	5	6	11
Lufkin	Angelina County	39	51	90
Madisonville	Madisonville Municipal	6	10	16
Marfa	Marfa Municipal	6	7	13
Marshall	Harrison County	5	7	12
Mason	Mason County	0	0	0
Mc Camey	Upton County	1	0	1
Mesquite	Mesquite Metro	65	100	165
Mexia	Mexia-Limestone County	19	33	52
Midland	Midland Airpark	25	46	71
Midlothian/Waxahachie	Mid-Way Regional	55	89	144
Mineola/Quitman	Wood County	2	3	5
Mineral Wells	Mineral Wells	177	319	496
Monahans	Roy Hurd Memorial	7	13	20
Mount Pleasant	Mount Pleasant Regional	16	18	34
Mount Vernon	Franklin County	0	0	0
Muleshoe	Muleshoe Municipal	1	0	1
Munday	Munday Municipal	3	5	8
Nacogdoches	A L Mangham Jr. Regional	3	4	7
Navasota	Navasota Municipal	2	3	5
New Braunfels	New Braunfels Regional	59	100	159
Odessa	Odessa-Schlemeyer Field	39	67	106
Olney	Olney Municipal	272	497	769
Orange	Orange County	5	7	12
Ozona	Ozona Municipal	2	2	4
Paducah	Dan E Richards Municipal	5	9	14
Palacios	Palacios Municipal	1	1	2
Palestine	Palestine Municipal	2	2	4
Pampa	Perry Lefors Field	3	4	7
Panhandle	Panhandle-Carson County	5	9	14
Paris	Cox Field	14	21	35
Pearsall	Mc Kinley Field	3	2	5
Pecos	Pecos Municipal	5	5	10
Perryton	Perryton Ochiltree County	9	15	24
Plains	Yoakum County	7	12	19
Plainview	Hale County	20	37	57
Pleasanton	Pleasanton Municipal	3	4	7
Port Aransas	Mustang Beach	1	0	1
Port Isabel	Port Isabel-Cameron County	6	9	15
Port Lavaca	Calhoun County	11	15	26
Port Mansfield	Charles R Johnson	1	0	1
Presidio	Presidio Lely International	1	1	2
Quanah	Quanah Municipal	4	5	9
Refugio	Rooke Field	1	2	3

Table A-2: On-Airport Employment from Texas Airports (cont.)

Associated City	Airport Name	Direct On-Airport Employment	Multiplier On-Airport Employment	Total On-Airport Employment
Roanoke	Northwest Regional	44	78	122
Robstown	Nueces County	4	6	10
Rockdale	H H Coffield Regional	1	0	1
Rockport	Aransas County	17	26	43
Rocksprings	Edwards County	0	0	0
Rockwall	Ralph M Hall/Rockwall Municipal	5	8	13
San Antonio	Stinson Municipal	84	114	198
San Marcos	San Marcos Regional	194	348	542
San Saba	San Saba County Municipal	0	0	0
Seminole	Gaines County	2	3	5
Seymour	Seymour Municipal	5	6	11
Sherman	Sherman Municipal	4	6	10
Sherman/Denison	North Texas Regional/Perrin Field	91	156	247
Sinton	Alfred C 'Bubba' Thomas	9	14	23
Slaton	Slaton Municipal	6	10	16
Smithville	Smithville Crawford Municipal	5	9	14
Snyder	Winston Field	11	15	26
Sonora	Sonora Municipal	1	0	1
Spearman	Major Samuel B Cornelius Field	1	0	1
Stamford	Arledge Field	3	4	7
Stephenville	Stephenville Clark Regional	11	18	29
Sulphur Springs	Sulphur Springs Municipal	25	41	66
Sunray	Sunray	9	16	25
Sweetwater	Avenger Field	4	3	7
Tahoka	T-Bar	1	0	1
Taylor	Taylor Municipal	20	35	55
Temple	Draughon-Miller Central Texas Regional	55	86	141
Terrell	Terrell Municipal	12	14	26
Throckmorton	Throckmorton Municipal	0	0	0
Tulia	City of Tulia/Swisher County Municipal	1	0	1
Uvalde	Garner Field	137	213	350
Van Horn	Culberson County	3	4	7
Vega	Oldham County	1	0	1
Vernon	Wilbarger County	9	13	22
Victoria	Victoria Regional	83	117	200
McGregor	Mc Gregor Executive	32	56	88
Waco	TSTC Waco	1,134	1,961	3,095
Wellington	Marian Airpark	1	0	1
Weslaco	Mid Valley	9	12	21
Wharton	Wharton Regional	9	15	24
Wheeler	Wheeler Municipal	1	0	1
Wichita Falls	Kickapoo Downtown	19	28	47

Table A-2: On-Airport Employment from Texas Airports (cont.)

Associated City	Airport Name	Direct On-Airport Employment	Multiplier On-Airport Employment	Total On-Airport Employment
Wills Point	Van Zandt County Regional	3	3	6
Wink	Winkler County	2	2	4
Winnie/Stowell	Chambers County-Winnie Stowell	42	74	116
Winnsboro	Winnsboro Municipal	0	0	0
Winters	Winters Municipal	1	0	1
Zapata	Zapata County	2	1	3
Other Airports		18	3	21
General Aviation Airports Total		17,146	22,521	39,667
All Airports Total		129,637	134,096	263,733

Source: CDM Smith and IMPLAN.

Table A-3: Construction Employment from Texas Airports

Associated City	Airport Name	Direct Construction Employment	Multiplier Construction Employment	Total Construction Employment
<i>Commercial Service Airports</i>				
Abilene	Abilene Regional	117	98	215
Amarillo	Rick Husband Amarillo International	93	77	170
Austin	Austin-Bergstrom International	420	351	771
Beaumont/Port Arthur	Jack Brooks Regional	24	20	44
Brownsville	Brownsville/South Padre Island International	94	78	172
College Station	Easterwood Field	40	34	74
Corpus Christi	Corpus Christi International	395	330	725
Dallas	Dallas Love Field	183	152	335
Dallas-Fort Worth	Dallas/Fort Worth International	3,537	2,957	6,494
El Paso	El Paso International	249	208	457
Fort Hood (Killeen)	Killeen-Fort Hood Regional	23	19	42
Harlingen	Valley International	65	55	120
Houston	George Bush Intercontinental/Houston	701	587	1,288
Houston	William P Hobby	585	490	1,075
Laredo	Laredo International	103	86	189
Longview	East Texas Regional	54	44	98
Lubbock	Lubbock Preston Smith International	125	105	230
Mc Allen	Mc Allen Miller International	91	77	168
Midland	Midland International Air and Space Port	114	96	210
San Angelo	San Angelo Regional/Mathis Field	52	43	95
San Antonio	San Antonio International	424	355	779
Texarkana, AR	Texarkana Regional Airport-Webb Field	17	21	38
Tyler	Tyler Pounds Regional	79	67	146
Waco	Waco Regional	48	40	88
Wichita Falls	Sheppard AFB/Wichita Falls Municipal	27	22	49
Commercial Service Airports Total		7,660	6,412	14,072
<i>General Aviation Airports</i>				
Albany	Albany Municipal	0	1	1
Alice	Alice International	8	7	15
Alpine	Alpine-Casparis Municipal	8	6	14
Amarillo	Tradewind	0	0	0
Anahuac	Chambers County	1	1	2
Andrews	Andrews County	1	0	1
Angleton/Lake Jackson	Texas Gulf Coast Regional	1	1	2

Table A-3: Construction Employment from Texas Airports (cont.)

Associated City	Airport Name	Direct Construction Employment	Multiplier Construction Employment	Total Construction Employment
Arlington	Arlington Municipal	31	26	57
Athens	Athens Municipal	1	0	1
Atlanta	Hall-Miller Municipal	0	0	0
Ballinger	Bruce Field	0	0	0
Bay City	Bay City Regional	2	1	3
Beaumont	Beaumont Municipal	12	9	21
Beeville	Beeville Municipal	0	0	0
Big Lake	Reagan County	0	0	0
Big Spring	Big Spring Mc Mahon-Wrinkle	5	4	9
Bonham	Jones Field	2	1	3
Borger	Hutchinson County	1	0	1
Bowie	Bowie Municipal	0	0	0
Brady	Curtis Field	0	1	1
Breckenridge	Stephens County	1	1	2
Brenham	Brenham Municipal	2	1	3
Bridgeport	Bridgeport Municipal	0	1	1
Brownfield	Terry County	1	1	2
Brownwood	Brownwood Regional	2	1	3
Bryan	Coulter Field	7	5	12
Burnet	Burnet Municipal Kate Craddock Field	2	1	3
Caddo Mills	Caddo Mills Municipal	0	1	1
Caldwell	Caldwell Municipal	0	1	1
Cameron	Cameron Municipal Airpark	0	0	0
Canadian	Hemphill County	0	0	0
Carrizo Springs	Dimmit County	1	0	1
Carthage	Panola County-Sharpe Field	0	0	0
Castroville	Castroville Municipal	2	1	3
Center	Center Municipal	1	0	1
Childress	Childress Municipal	1	1	2
Cisco	Cisco Municipal	0	0	0
Clarksville	Clarksville/Red River County-J D Trissell Field	0	0	0
Cleburne	Cleburne Regional	4	3	7
Cleveland	Cleveland Municipal	3	2	5
Clifton	Clifton Municipal/Isenhower Field	1	1	2
Coleman	Coleman Municipal	0	0	0
Colorado City	Colorado City	1	0	1
Columbus	Robert R Wells Jr.	0	0	0
Comanche	Comanche County-City	0	0	0
Commerce	Commerce Municipal	5	4	9
Corsicana	C David Campbell Field-Corsicana Municipal	1	0	1
Cotulla	Cotulla-La Salle County	0	1	1
Crane	Crane County	0	0	0
Crockett	Houston County	0	0	0

Table A-3: Construction Employment from Texas Airports (cont.)

Associated City	Airport Name	Direct Construction Employment	Multiplier Construction Employment	Total Construction Employment
Crosbyton	Crosbyton Municipal	1	1	2
Dalhart	Dalhart Municipal	2	1	3
Dallas	Addison	69	58	127
Dallas	Dallas CBD Vertiport	0	0	0
Dallas	Dallas Executive	62	51	113
McKinney	McKinney National	66	54	120
Decatur	Decatur Municipal	1	1	2
Del Rio	Del Rio International	10	9	19
Dell City	Dell City Municipal	0	0	0
Denton	Denton Enterprise	53	44	97
Denver City	Denver City	0	0	0
Desoto	Desoto Heliport	0	1	1
Devine	Devine Municipal	1	0	1
Dimmitt	Dimmitt Municipal	0	0	0
Dryden	Terrell County	0	0	0
Dublin	Dublin Municipal	0	1	1
Dumas	Moore County	6	5	11
Eagle Lake	Eagle Lake	2	2	4
Eagle Pass	Maverick County Memorial International	0	0	0
Eastland	Eastland Municipal	6	5	11
Edinburg	South Texas International at Edinburg	18	15	33
Edna	Jackson County	0	0	0
Ennis	Ennis Municipal	1	1	2
Fabens	Fabens	1	0	1
Falfurrias	Brooks County	3	3	6
Floydada	Floydada Municipal	1	1	2
Fort Stockton	Fort Stockton-Pecos County	1	0	1
Fort Worth	Fort Worth Alliance	142	120	262
Fort Worth	Fort Worth Meacham International	126	105	231
Fort Worth	Fort Worth Spinks	11	9	20
Fredericksburg	Gillespie County	7	6	13
Gainesville	Gainesville Municipal	29	25	54
Galveston	Scholes International at Galveston	6	6	12
Garland	Garland/DFW Heloplex	4	4	8
Gatesville	Gatesville Municipal	1	1	2
George West	Live Oak County	3	3	6
Georgetown	Georgetown Municipal	31	25	56
Giddings	Giddings-Lee County	0	1	1
Gilmer	Fox Stephens Field-Gilmer Municipal	1	0	1
Gladewater	Gladewater Municipal	0	1	1
Gonzales	Roger M. Dreyer Memorial	0	0	0
Graford	Possum Kingdom	0	0	0

Table A-3: Construction Employment from Texas Airports (cont.)

Associated City	Airport Name	Direct Construction Employment	Multiplier Construction Employment	Total Construction Employment
Graham	Graham Municipal	1	0	1
Granbury	Granbury Regional	2	1	3
Grand Prairie	Grand Prairie Municipal	18	16	34
Greenville	Majors	344	287	631
Gruver	Gruver Municipal	1	1	2
Hallettsville	Hallettsville Municipal	0	0	0
Hamilton	Hamilton Municipal	0	1	1
Haskell	Haskell Municipal	1	0	1
Hearne	Hearne Municipal	1	1	2
Hebbronville	Jim Hogg County	0	1	1
Henderson	Rusk County	1	1	2
Hereford	Hereford Municipal	2	1	3
Hillsboro	Hillsboro Municipal	2	2	4
Hondo	South Texas Regional at Hondo	4	3	7
Houston	Conroe-North Houston Regional	65	54	119
Houston	David Wayne Hooks Memorial	20	17	37
Houston	Ellington Field	205	171	376
Houston	Houston-Southwest	10	9	19
Houston	Pearland Regional	2	2	4
Houston	Sugar Land Regional	37	32	69
Houston	West Houston	1	1	2
Huntsville	Huntsville Municipal	0	1	1
Ingleside	McC Campbell-Porter	42	35	77
Jacksboro	Jacksboro Municipal	0	0	0
Jacksonville	Cherokee County	3	2	5
Jasper	Jasper County-Bell Field	0	0	0
Jayton	Kent County	0	1	1
Jefferson	Cypress River	0	0	0
Junction	Kimble County	5	4	9
Kenedy	Karnes County	0	0	0
Kerrville	Kerrville Municipal/Louis Schreiner Field	10	8	18
Killeen	Skylark Field	2	2	4
Kingsville	Kleberg County	12	11	23
Kirbyville	Kirbyville	0	1	1
Knox City	Harrison Field of Knox City	1	1	2
Kountze/Silsbee	Hawthorne Field	0	0	0
La Grange	Fayette Regional Air Center	1	1	2
La Porte	La Porte Municipal	2	3	5
Lago Vista	Lago Vista TX-Rusty Allen	2	1	3
Lamesa	Lamesa Municipal	6	5	11
Lampasas	Lampasas	0	0	0
Lancaster	Lancaster Regional	5	4	9
Levelland	Levelland Municipal	1	0	1
Liberty	Liberty Municipal	0	0	0

Table A-3: Construction Employment from Texas Airports (cont.)

Associated City	Airport Name	Direct Construction Employment	Multiplier Construction Employment	Total Construction Employment
Littlefield	Taylor Brown Municipal	1	1	2
Livingston	Livingston Municipal	0	0	0
Llano	Llano Municipal	3	2	5
Lockhart	Lockhart Municipal	0	0	0
Lufkin	Angelina County	9	8	17
Madisonville	Madisonville Municipal	1	0	1
Marfa	Marfa Municipal	2	2	4
Marshall	Harrison County	0	1	1
Mason	Mason County	0	0	0
Mc Camey	Upton County	7	5	12
Mesquite	Mesquite Metro	15	13	28
Mexia	Mexia-Limestone County	3	3	6
Midland	Midland Airpark	4	4	8
Midlothian/Waxahachie	Mid-Way Regional	12	10	22
Mineola/Quitman	Wood County	1	0	1
Mineral Wells	Mineral Wells	5	4	9
Monahans	Roy Hurd Memorial	1	1	2
Mount Pleasant	Mount Pleasant Regional	2	1	3
Mount Vernon	Franklin County	1	1	2
Muleshoe	Muleshoe Municipal	0	0	0
Munday	Munday Municipal	1	0	1
Nacogdoches	A L Mangham Jr. Regional	0	1	1
Navasota	Navasota Municipal	0	1	1
New Braunfels	New Braunfels Regional	3	3	6
Odessa	Odessa-Schlemeyer Field	10	8	18
Olney	Olney Municipal	8	7	15
Orange	Orange County	1	0	1
Ozona	Ozona Municipal	0	1	1
Paducah	Dan E Richards Municipal	1	1	2
Palacios	Palacios Municipal	0	0	0
Palestine	Palestine Municipal	1	1	2
Pampa	Perry Lefors Field	0	0	0
Panhandle	Panhandle-Carson County	1	1	2
Paris	Cox Field	1	0	1
Pearsall	Mc Kinley Field	0	0	0
Pecos	Pecos Municipal	3	3	6
Perryton	Perryton Ochiltree County	2	1	3
Plains	Yoakum County	1	1	2
Plainview	Hale County	5	4	9
Pleasanton	Pleasanton Municipal	0	0	0
Port Aransas	Mustang Beach	0	0	0
Port Isabel	Port Isabel-Cameron County	4	3	7
Port Lavaca	Calhoun County	1	1	2
Port Mansfield	Charles R Johnson	0	0	0
Presidio	Presidio Lely International	1	1	2
Quanah	Quanah Municipal	1	0	1
Refugio	Rooke Field	1	1	2

Table A-3: Construction Employment from Texas Airports (cont.)

Associated City	Airport Name	Direct Construction Employment	Multiplier Construction Employment	Total Construction Employment
Roanoke	Northwest Regional	3	3	6
Robstown	Nueces County	2	1	3
Rockdale	H H Coffield Regional	0	0	0
Rockport	Aransas County	2	2	4
Rocksprings	Edwards County	0	0	0
Rockwall	Ralph M Hall/Rockwall Municipal	1	0	1
San Antonio	Stinson Municipal	39	32	71
San Marcos	San Marcos Regional	28	23	51
San Saba	San Saba County Municipal	0	0	0
Seminole	Gaines County	3	2	5
Seymour	Seymour Municipal	0	1	1
Sherman	Sherman Municipal	0	0	0
Sherman/Denison	North Texas Regional/Perrin Field	10	8	18
Sinton	Alfred C 'Bubba' Thomas	1	1	2
Slaton	Slaton Municipal	1	0	1
Smithville	Smithville Crawford Municipal	1	0	1
Snyder	Winston Field	0	1	1
Sonora	Sonora Municipal	0	0	0
Spearman	Major Samuel B Cornelius Field	0	0	0
Stamford	Arledge Field	0	1	1
Stephenville	Stephenville Clark Regional	9	7	16
Sulphur Springs	Sulphur Springs Municipal	5	4	9
Sunray	Sunray	2	1	3
Sweetwater	Avenger Field	1	1	2
Tahoka	T-Bar	0	0	0
Taylor	Taylor Municipal	7	6	13
Temple	Draughon-Miller Central Texas Regional	21	17	38
Terrell	Terrell Municipal	5	5	10
Throckmorton	Throckmorton Municipal	1	0	1
Tulia	City of Tulia/Swisher County Municipal	0	0	0
Uvalde	Garner Field	16	13	29
Van Horn	Culberson County	0	0	0
Vega	Oldham County	0	0	0
Vernon	Wilbarger County	1	1	2
Victoria	Victoria Regional	7	6	13
McGregor	Mc Gregor Executive	12	10	22
Waco	TSTC Waco	83	70	153
Wellington	Marian Airpark	0	0	0
Weslaco	Mid Valley	1	1	2
Wharton	Wharton Regional	4	4	8
Wheeler	Wheeler Municipal	0	0	0
Wichita Falls	Kickapoo Downtown	7	6	13

Table A-3: Construction Employment from Texas Airports (cont.)

Associated City	Airport Name	Direct Construction Employment	Multiplier Construction Employment	Total Construction Employment
Wills Point	Van Zandt County Regional	1	2	3
Wink	Winkler County	0	0	0
Winnie/Stowell	Chambers County-Winnie Stowell	9	7	16
Winnsboro	Winnsboro Municipal	0	0	0
Winters	Winters Municipal	0	0	0
Zapata	Zapata County	0	1	1
Other Airports		0	0	0
General Aviation Airports Total		1,978	1,656	3,634
All Airports Total		9,638	8,068	17,706

Source: CDM Smith and IMPLAN.

Table A-4: Commercial Service Visitor-Related Employment from Texas Airports

Associated City	Airport Name	Direct CS Visitor-Related Employment	Multiplier CS Visitor-Related Employment	Total CS Visitor-Related Employment
<i>Commercial Service Airports</i>				
Abilene	Abilene Regional	500	208	708
Amarillo	Rick Husband Amarillo International	4,924	2,050	6,974
Austin	Austin-Bergstrom International	41,263	17,176	58,439
Beaumont/Port Arthur	Jack Brooks Regional	127	53	180
Brownsville	Brownsville/South Padre Island International	553	230	783
College Station	Easterwood Field	603	252	855
Corpus Christi	Corpus Christi International	4,498	1,872	6,370
Dallas	Dallas Love Field	30,820	12,829	43,649
Dallas-Fort Worth	Dallas/Fort Worth International	112,346	46,766	159,112
El Paso	El Paso International	11,839	4,928	16,767
Fort Hood (Killeen)	Killeen-Fort Hood Regional	864	360	1,224
Harlingen	Valley International	2,203	917	3,120
Houston	George Bush Intercontinental/Houston	65,777	27,381	93,158
Houston	William P Hobby	25,217	10,496	35,713
Laredo	Laredo International	533	222	755
Longview	East Texas Regional	51	21	72
Lubbock	Lubbock Preston Smith International	3,263	1,358	4,621
Mc Allen	Mc Allen Miller International	4,334	1,804	6,138
Midland	Midland International Air and Space Port	5,594	2,328	7,922
San Angelo	San Angelo Regional/Mathis Field	353	146	499
San Antonio	San Antonio International	28,851	12,009	40,860
Texarkana, AR	Texarkana Regional Airport-Webb Field	149	57	206
Tyler	Tyler Pounds Regional	375	156	531
Waco	Waco Regional	254	106	360
Wichita Falls	Sheppard AFB/Wichita Falls Municipal	217	91	308
Commercial Service Airports Total		345,508	143,816	489,324

Source: CDM Smith and IMPLAN.

Table A-5: General Aviation Visitor-Related Employment from Texas Airports

Associated City	Airport Name	Direct GA Visitor-Related Employment	Multiplier GA Visitor-Related Employment	Total GA Visitor-Related Employment
<i>Commercial Service Airports</i>				
Abilene	Abilene Regional	77	35	112
Amarillo	Rick Husband Amarillo International	84	38	122
Austin	Austin-Bergstrom International	178	82	260
Beaumont/Port Arthur	Jack Brooks Regional	29	14	43
Brownsville	Brownsville/South Padre Island International	46	22	68
College Station	Easterwood Field	88	41	129
Corpus Christi	Corpus Christi International	99	46	145
Dallas	Dallas Love Field	184	84	268
Dallas-Fort Worth	Dallas/Fort Worth International	22	9	31
El Paso	El Paso International	105	48	153
Fort Hood (Killeen)	Killeen-Fort Hood Regional	22	10	32
Harlingen	Valley International	20	9	29
Houston	George Bush Intercontinental/Houston	34	16	50
Houston	William P Hobby	176	81	257
Laredo	Laredo International	69	32	101
Longview	East Texas Regional	61	28	89
Lubbock	Lubbock Preston Smith International	83	38	121
Mc Allen	Mc Allen Miller International	114	53	167
Midland	Midland International Air and Space Port	103	47	150
San Angelo	San Angelo Regional/Mathis Field	115	53	168
San Antonio	San Antonio International	168	77	245
Texarkana, AR	Texarkana Regional Airport-Webb Field	20	8	28
Tyler	Tyler Pounds Regional	66	30	96
Waco	Waco Regional	67	30	97
Wichita Falls	Sheppard AFB/Wichita Falls Municipal	304	139	443
Commercial Service Airports Total		2,334	1,070	3,404
<i>General Aviation Airports</i>				
Albany	Albany Municipal	1	0	1
Alice	Alice International	44	21	65
Alpine	Alpine-Casparis Municipal	3	1	4
Amarillo	Tradewind	22	10	32

Table A-5: General Aviation Visitor-Related Employment from Texas Airports (cont.)

Associated City	Airport Name	Direct GA Visitor-Related Employment	Multiplier GA Visitor-Related Employment	Total GA Visitor-Related Employment
Anahuac	Chambers County	1	0	1
Andrews	Andrews County	3	1	4
Angleton/Lake Jackson	Texas Gulf Coast Regional	100	46	146
Arlington	Arlington Municipal	92	42	134
Athens	Athens Municipal	2	1	3
Atlanta	Hall-Miller Municipal	5	2	7
Ballinger	Bruce Field	1	0	1
Bay City	Bay City Regional	3	2	5
Beaumont	Beaumont Municipal	5	2	7
Beeville	Beeville Municipal	2	1	3
Big Lake	Reagan County	1	1	2
Big Spring	Big Spring Mc Mahon-Wrinkle	6	3	9
Bonham	Jones Field	2	1	3
Borger	Hutchinson County	3	1	4
Bowie	Bowie Municipal	4	1	5
Brady	Curtis Field	22	10	32
Breckenridge	Stephens County	4	2	6
Brenham	Brenham Municipal	5	2	7
Bridgeport	Bridgeport Municipal	5	2	7
Brownfield	Terry County	2	1	3
Brownwood	Brownwood Regional	6	3	9
Bryan	Coulter Field	5	2	7
Burnet	Burnet Municipal Kate Craddock Field	5	3	8
Caddo Mills	Caddo Mills Municipal	22	10	32
Caldwell	Caldwell Municipal	2	1	3
Cameron	Cameron Municipal Airpark	1	0	1
Canadian	Hemphill County	2	1	3
Carrizo Springs	Dimmit County	1	0	1
Carthage	Panola County-Sharpe Field	3	1	4
Castroville	Castroville Municipal	5	2	7
Center	Center Municipal	3	1	4
Childress	Childress Municipal	1	1	2
Cisco	Cisco Municipal	1	0	1
Clarksville	Clarksville/Red River County-J D Trissell Field	0	0	0
Cleburne	Cleburne Regional	8	3	11
Cleveland	Cleveland Municipal	5	2	7
Clifton	Clifton Municipal/Isenhower Field	2	1	3
Coleman	Coleman Municipal	3	1	4
Colorado City	Colorado City	1	0	1
Columbus	Robert R Wells Jr.	1	1	2

Table A-5: General Aviation Visitor-Related Employment from Texas Airports (cont.)

Associated City	Airport Name	Direct GA Visitor-Related Employment	Multiplier GA Visitor-Related Employment	Total GA Visitor-Related Employment
Comanche	Comanche County-City	2	2	4
Commerce	Commerce Municipal	4	2	6
Corsicana	C David Campbell Field-Corsicana Municipal	6	2	8
Cotulla	Cotulla-La Salle County	8	4	12
Crane	Crane County	1	0	1
Crockett	Houston County	2	1	3
Crosbyton	Crosbyton Municipal	1	0	1
Dalhart	Dalhart Municipal	3	1	4
Dallas	Addison	183	83	266
Dallas	Dallas CBD Vertiport	1	0	1
Dallas	Dallas Executive	54	24	78
McKinney	McKinney National	73	33	106
Decatur	Decatur Municipal	5	2	7
Del Rio	Del Rio International	3	2	5
Dell City	Dell City Municipal	1	0	1
Denton	Denton Enterprise	148	68	216
Denver City	Denver City	1	1	2
Desoto	Desoto Heliport	0	0	0
Devine	Devine Municipal	2	1	3
Dimmitt	Dimmitt Municipal	0	0	0
Dryden	Terrell County	0	0	0
Dublin	Dublin Municipal	1	1	2
Dumas	Moore County	3	1	4
Eagle Lake	Eagle Lake	3	1	4
Eagle Pass	Maverick County Memorial International	0	0	0
Eastland	Eastland Municipal	2	1	3
Edinburg	South Texas International at Edinburg	1	1	2
Edna	Jackson County	3	1	4
Ennis	Ennis Municipal	1	1	2
Fabens	Fabens	4	2	6
Falfurrias	Brooks County	5	2	7
Floydada	Floydada Municipal	2	1	3
Fort Stockton	Fort Stockton-Pecos County	2	1	3
Fort Worth	Fort Worth Alliance	127	58	185
Fort Worth	Fort Worth Meacham International	132	60	192
Fort Worth	Fort Worth Spinks	52	24	76
Fredericksburg	Gillespie County	7	3	10
Gainesville	Gainesville Municipal	5	3	8
Galveston	Scholes International at Galveston	50	23	73
Garland	Garland/DFW Heloplex	2	0	2
Gatesville	Gatesville Municipal	2	1	3

Table A-5: General Aviation Visitor-Related Employment from Texas Airports (cont.)

Associated City	Airport Name	Direct GA Visitor-Related Employment	Multiplier GA Visitor-Related Employment	Total GA Visitor-Related Employment
George West	Live Oak County	1	1	2
Georgetown	Georgetown Municipal	72	33	105
Giddings	Giddings-Lee County	2	2	4
Gilmer	Fox Stephens Field-Gilmer Municipal	1	1	2
Gladewater	Gladewater Municipal	5	2	7
Gonzales	Roger M. Dreyer Memorial	1	0	1
Graford	Possum Kingdom	1	1	2
Graham	Graham Municipal	1	1	2
Granbury	Granbury Regional	8	4	12
Grand Prairie	Grand Prairie Municipal	47	21	68
Greenville	Majors	6	2	8
Gruver	Gruver Municipal	0	0	0
Hallettsville	Hallettsville Municipal	1	0	1
Hamilton	Hamilton Municipal	2	1	3
Haskell	Haskell Municipal	1	0	1
Hearne	Hearne Municipal	1	0	1
Hebbronville	Jim Hogg County	0	0	0
Henderson	Rusk County	4	1	5
Hereford	Hereford Municipal	3	1	4
Hillsboro	Hillsboro Municipal	2	1	3
Hondo	South Texas Regional at Hondo	5	2	7
Houston	Conroe-North Houston Regional	79	36	115
Houston	David Wayne Hooks Memorial	128	59	187
Houston	Ellington Field	145	66	211
Houston	Houston-Southwest	32	15	47
Houston	Pearland Regional	40	18	58
Houston	Sugar Land Regional	93	43	136
Houston	West Houston	66	30	96
Huntsville	Huntsville Municipal	21	10	31
Ingleside	McC Campbell-Porter	5	2	7
Jacksboro	Jacksboro Municipal	0	0	0
Jacksonville	Cherokee County	4	2	6
Jasper	Jasper County-Bell Field	4	2	6
Jayton	Kent County	0	0	0
Jefferson	Cypress River	1	0	1
Junction	Kimble County	2	1	3
Kenedy	Karnes County	1	1	2
Kerrville	Kerrville Municipal/Louis Schreiner Field	95	44	139
Killeen	Skylark Field	7	3	10
Kingsville	Kleberg County	1	0	1
Kirbyville	Kirbyville	3	1	4

Table A-5: General Aviation Visitor-Related Employment from Texas Airports (cont.)

Associated City	Airport Name	Direct GA Visitor-Related Employment	Multiplier GA Visitor-Related Employment	Total GA Visitor-Related Employment
Knox City	Harrison Field of Knox City	1	0	1
Kountze/Silsbee	Hawthorne Field	1	1	2
La Grange	Fayette Regional Air Center	3	2	5
La Porte	La Porte Municipal	9	4	13
Lago Vista	Lago Vista TX-Rusty Allen	2	1	3
Lamesa	Lamesa Municipal	4	1	5
Lampasas	Lampasas	3	1	4
Lancaster	Lancaster Regional	56	26	82
Levelland	Levelland Municipal	4	1	5
Liberty	Liberty Municipal	4	2	6
Littlefield	Taylor Brown Municipal	2	0	2
Livingston	Livingston Municipal	2	2	4
Llano	Llano Municipal	5	2	7
Lockhart	Lockhart Municipal	5	3	8
Lufkin	Angelina County	31	15	46
Madisonville	Madisonville Municipal	0	0	0
Marfa	Marfa Municipal	4	2	6
Marshall	Harrison County	4	2	6
Mason	Mason County	1	1	2
Mc Camey	Upton County	0	0	0
Mesquite	Mesquite Metro	61	27	88
Mexia	Mexia-Limestone County	2	2	4
Midland	Midland Airpark	7	4	11
Midlothian/Waxahachie	Mid-Way Regional	25	11	36
Mineola/Quitman	Wood County	5	2	7
Mineral Wells	Mineral Wells	7	3	10
Monahans	Roy Hurd Memorial	3	2	5
Mount Pleasant	Mount Pleasant Regional	5	2	7
Mount Vernon	Franklin County	1	0	1
Muleshoe	Muleshoe Municipal	1	0	1
Munday	Munday Municipal	0	0	0
Nacogdoches	A L Mangham Jr. Regional	7	3	10
Navasota	Navasota Municipal	3	2	5
New Braunfels	New Braunfels Regional	51	24	75
Odessa	Odessa-Schlemeyer Field	53	25	78
Olney	Olney Municipal	1	1	2
Orange	Orange County	4	2	6
Ozona	Ozona Municipal	2	1	3
Paducah	Dan E Richards Municipal	0	0	0
Palacios	Palacios Municipal	3	1	4
Palestine	Palestine Municipal	4	2	6
Pampa	Perry Lefors Field	5	2	7
Panhandle	Panhandle-Carson County	0	0	0
Paris	Cox Field	4	2	6
Pearsall	Mc Kinley Field	1	0	1
Pecos	Pecos Municipal	30	14	44

Table A-5: General Aviation Visitor-Related Employment from Texas Airports (cont.)

Associated City	Airport Name	Direct GA Visitor-Related Employment	Multiplier GA Visitor-Related Employment	Total GA Visitor-Related Employment
Perryton	Perryton Ochiltree County	5	2	7
Plains	Yoakum County	2	1	3
Plainview	Hale County	5	3	8
Pleasanton	Pleasanton Municipal	3	2	5
Port Aransas	Mustang Beach	3	2	5
Port Isabel	Port Isabel-Cameron County	2	1	3
Port Lavaca	Calhoun County	3	2	5
Port Mansfield	Charles R Johnson	0	0	0
Presidio	Presidio Lely International	0	0	0
Quanah	Quanah Municipal	1	1	2
Refugio	Rooke Field	1	0	1
Roanoke	Northwest Regional	112	51	163
Robstown	Nueces County	2	1	3
Rockdale	H H Coffield Regional	1	0	1
Rockport	Aransas County	77	36	113
Rocksprings	Edwards County	1	0	1
Rockwall	Ralph M Hall/Rockwall Municipal	7	4	11
San Antonio	Stinson Municipal	63	29	92
San Marcos	San Marcos Regional	49	22	71
San Saba	San Saba County Municipal	1	1	2
Seminole	Gaines County	3	1	4
Seymour	Seymour Municipal	1	0	1
Sherman	Sherman Municipal	1	0	1
Sherman/Denison	North Texas Regional/Perrin Field	56	26	82
Sinton	Alfred C 'Bubba' Thomas	2	1	3
Slaton	Slaton Municipal	3	2	5
Smithville	Smithville Crawford Municipal	3	1	4
Snyder	Winston Field	3	1	4
Sonora	Sonora Municipal	1	0	1
Spearman	Major Samuel B Cornelius Field	2	1	3
Stamford	Arledge Field	1	1	2
Stephenville	Stephenville Clark Regional	5	2	7
Sulphur Springs	Sulphur Springs Municipal	6	2	8
Sunray	Sunray	1	1	2
Sweetwater	Avenger Field	3	1	4
Tahoka	T-Bar	1	0	1
Taylor	Taylor Municipal	4	2	6
Temple	Draughon-Miller Central Texas Regional	28	13	41
Terrell	Terrell Municipal	8	3	11

Table A-5: General Aviation Visitor-Related Employment from Texas Airports (cont.)

Associated City	Airport Name	Direct GA Visitor-Related Employment	Multiplier GA Visitor-Related Employment	Total GA Visitor-Related Employment
Throckmorton	Throckmorton Municipal	0	0	0
Tulia	City of Tulia/Swisher County Municipal	1	1	2
Uvalde	Garner Field	5	2	7
Van Horn	Culberson County	0	0	0
Vega	Oldham County	1	1	2
Vernon	Wilbarger County	4	2	6
Victoria	Victoria Regional	40	19	59
McGregor	Mc Gregor Executive	8	4	12
Waco	TSTC Waco	75	35	110
Wellington	Marian Airpark	1	1	2
Weslaco	Mid Valley	24	10	34
Wharton	Wharton Regional	4	2	6
Wheeler	Wheeler Municipal	0	0	0
Wichita Falls	Kickapoo Downtown	8	3	11
Wills Point	Van Zandt County Regional	1	1	2
Wink	Winkler County	0	0	0
Winnie/Stowell	Chambers County-Winnie Stowell	1	1	2
Winnsboro	Winnsboro Municipal	1	0	1
Winters	Winters Municipal	1	0	1
Zapata	Zapata County	1	1	2
Other Airports		7	0	7
General Aviation Airports Total		3,287	1,501	4,788
All Airports Total		5,621	2,571	8,192

Source: CDM Smith and IMPLAN.

Table A-6: Total Employment from Texas Airports

Associated City	Airport Name	Direct Employment	Multiplier Employment	Total Employment
<i>Commercial Service Airports</i>				
Abilene	Abilene Regional	1,307	1,342	2,649
Amarillo	Rick Husband Amarillo International	6,669	4,712	11,381
Austin	Austin-Bergstrom International	49,319	24,829	74,148
Beaumont/Port Arthur	Jack Brooks Regional	254	151	405
Brownsville	Brownsville/South Padre Island International	1,013	787	1,800
College Station	Easterwood Field	849	484	1,333
Corpus Christi	Corpus Christi International	5,739	2,954	8,693
Dallas	Dallas Love Field	39,490	21,105	60,595
Dallas-Fort Worth	Dallas/Fort Worth International	155,469	88,037	243,506
El Paso	El Paso International	15,811	8,563	24,374
Fort Hood (Killeen)	Killeen-Fort Hood Regional	1,049	508	1,557
Harlingen	Valley International	2,806	1,734	4,540
Houston	George Bush Intercontinental/Houston	100,488	60,878	161,366
Houston	William P Hobby	32,971	17,837	50,808
Laredo	Laredo International	990	677	1,667
Longview	East Texas Regional	339	342	681
Lubbock	Lubbock Preston Smith International	4,023	2,180	6,203
Mc Allen	Mc Allen Miller International	4,915	2,312	7,227
Midland	Midland International Air and Space Port	6,577	3,556	10,133
San Angelo	San Angelo Regional/Mathis Field	739	479	1,218
San Antonio	San Antonio International	34,884	17,709	52,593
Texarkana, AR	Texarkana Regional Airport-Webb Field	283	212	495
Tyler	Tyler Pounds Regional	760	593	1,353
Waco	Waco Regional	622	557	1,179
Wichita Falls	Sheppard AFB/Wichita Falls Municipal	627	335	962
Commercial Service Airports Total		467,993	262,873	730,866
<i>General Aviation Airports</i>				
Albany	Albany Municipal	3	4	7
Alice	Alice International	57	36	93
Alpine	Alpine-Casparis Municipal	43	38	81
Amarillo	Tradewind	27	14	41
Anahuac	Chambers County	5	3	8
Andrews	Andrews County	10	9	19

Table A-6: Total Employment from Texas Airports (cont.)

Associated City	Airport Name	Direct Employment	Multiplier Employment	Total Employment
Angleton/Lake Jackson	Texas Gulf Coast Regional	135	85	220
Arlington	Arlington Municipal	462	444	906
Athens	Athens Municipal	9	10	19
Atlanta	Hall-Miller Municipal	6	2	8
Ballinger	Bruce Field	2	0	2
Bay City	Bay City Regional	19	26	45
Beaumont	Beaumont Municipal	25	22	47
Beeville	Beeville Municipal	4	3	7
Big Lake	Reagan County	2	1	3
Big Spring	Big Spring Mc Mahon-Wrinkle	41	52	93
Bonham	Jones Field	10	11	21
Borger	Hutchinson County	30	42	72
Bowie	Bowie Municipal	6	2	8
Brady	Curtis Field	27	16	43
Breckenridge	Stephens County	38	62	100
Brenham	Brenham Municipal	19	24	43
Bridgeport	Bridgeport Municipal	10	10	20
Brownfield	Terry County	7	9	16
Brownwood	Brownwood Regional	29	37	66
Bryan	Coulter Field	30	36	66
Burnet	Burnet Municipal Kate Craddock Field	17	21	38
Caddo Mills	Caddo Mills Municipal	29	23	52
Caldwell	Caldwell Municipal	4	4	8
Cameron	Cameron Municipal Airpark	1	0	1
Canadian	Hemphill County	6	6	12
Carrizo Springs	Dimmit County	16	23	39
Carthage	Panola County-Sharpe Field	4	2	6
Castroville	Castroville Municipal	23	28	51
Center	Center Municipal	5	1	6
Childress	Childress Municipal	11	17	28
Cisco	Cisco Municipal	2	0	2
Clarksville	Clarksville/Red River County-J D Trissell Field	1	2	3
Cleburne	Cleburne Regional	42	54	96
Cleveland	Cleveland Municipal	10	7	17
Clifton	Clifton Municipal/Isenhower Field	8	11	19
Coleman	Coleman Municipal	3	1	4
Colorado City	Colorado City	5	4	9
Columbus	Robert R Wells Jr.	3	2	5
Comanche	Comanche County-City	3	2	5
Commerce	Commerce Municipal	11	8	19
Corsicana	C David Campbell Field-Corsicana Municipal	12	10	22

Table A-6: Total Employment from Texas Airports (cont.)

Associated City	Airport Name	Direct Employment	Multiplier Employment	Total Employment
Cotulla	Cotulla-La Salle County	14	15	29
Crane	Crane County	1	0	1
Crockett	Houston County	3	1	4
Crosbyton	Crosbyton Municipal	8	11	19
Dalhart	Dalhart Municipal	20	22	42
Dallas	Addison	1,331	1,881	3,212
Dallas	Dallas CBD Vertiport	1	0	1
Dallas	Dallas Executive	233	223	456
McKinney	McKinney National	423	570	993
Decatur	Decatur Municipal	26	39	65
Del Rio	Del Rio International	63	72	135
Dell City	Dell City Municipal	2	2	4
Denton	Denton Enterprise	601	834	1,435
Denver City	Denver City	1	1	2
Desoto	Desoto Heliport	13	24	37
Devine	Devine Municipal	14	20	34
Dimmitt	Dimmitt Municipal	2	2	4
Dryden	Terrell County	2	3	5
Dublin	Dublin Municipal	3	4	7
Dumas	Moore County	23	19	42
Eagle Lake	Eagle Lake	21	32	53
Eagle Pass	Maverick County Memorial International	3	4	7
Eastland	Eastland Municipal	14	17	31
Edinburg	South Texas International at Edinburg	41	32	73
Edna	Jackson County	6	4	10
Ennis	Ennis Municipal	7	11	18
Fabens	Fabens	8	6	14
Falfurrias	Brooks County	10	6	16
Floydada	Floydada Municipal	10	15	25
Fort Stockton	Fort Stockton-Pecos County	7	7	14
Fort Worth	Fort Worth Alliance	1,342	2,068	3,410
Fort Worth	Fort Worth Meacham International	893	1,269	2,162
Fort Worth	Fort Worth Spinks	168	220	388
Fredericksburg	Gillespie County	56	47	103
Gainesville	Gainesville Municipal	822	1,469	2,291
Galveston	Scholes International at Galveston	167	194	361
Garland	Garland/DFW Heloplex	29	44	73
Gatesville	Gatesville Municipal	6	7	13
George West	Live Oak County	5	4	9
Georgetown	Georgetown Municipal	242	304	546
Giddings	Giddings-Lee County	4	5	9
Gilmer	Fox Stephens Field-Gilmer Municipal	8	11	19

Table A-6: Total Employment from Texas Airports (cont.)

Associated City	Airport Name	Direct Employment	Multiplier Employment	Total Employment
Gladewater	Gladewater Municipal	12	14	26
Gonzales	Roger M. Dreyer Memorial	2	0	2
Graford	Possum Kingdom	1	1	2
Graham	Graham Municipal	7	9	16
Granbury	Granbury Regional	54	81	135
Grand Prairie	Grand Prairie Municipal	804	1,380	2,184
Greenville	Majors	5,263	3,852	9,115
Gruver	Gruver Municipal	7	12	19
Hallettsville	Hallettsville Municipal	2	0	2
Hamilton	Hamilton Municipal	3	3	6
Haskell	Haskell Municipal	6	6	12
Hearne	Hearne Municipal	7	8	15
Hebbronville	Jim Hogg County	1	2	3
Henderson	Rusk County	8	5	13
Hereford	Hereford Municipal	16	19	35
Hillsboro	Hillsboro Municipal	14	18	32
Hondo	South Texas Regional at Hondo	63	99	162
Houston	Conroe-North Houston Regional	593	577	1,170
Houston	David Wayne Hooks Memorial	375	431	806
Houston	Ellington Field	1,498	1,101	2,599
Houston	Houston-Southwest	90	99	189
Houston	Pearland Regional	77	77	154
Houston	Sugar Land Regional	320	372	692
Houston	West Houston	121	94	215
Huntsville	Huntsville Municipal	26	18	44
Ingleside	McCampbell-Porter	60	58	118
Jacksboro	Jacksboro Municipal	2	2	4
Jacksonville	Cherokee County	39	58	97
Jasper	Jasper County-Bell Field	6	4	10
Jayton	Kent County	0	1	1
Jefferson	Cypress River	2	0	2
Junction	Kimble County	11	9	20
Kenedy	Karnes County	3	2	5
Kerrville	Kerrville Municipal/Louis Schreiner Field	291	389	680
Killeen	Skylark Field	30	39	69
Kingsville	Kleberg County	18	20	38
Kirbyville	Kirbyville	4	3	7
Knox City	Harrison Field of Knox City	6	8	14
Kountze/Silsbee	Hawthorne Field	3	3	6
La Grange	Fayette Regional Air Center	12	14	26
La Porte	La Porte Municipal	31	40	71
Lago Vista	Lago Vista TX-Rusty Allen	15	19	34
Lamesa	Lamesa Municipal	26	35	61

Table A-6: Total Employment from Texas Airports (cont.)

Associated City	Airport Name	Direct Employment	Multiplier Employment	Total Employment
Lampasas	Lampasas	3	1	4
Lancaster	Lancaster Regional	87	69	156
Levelland	Levelland Municipal	17	18	35
Liberty	Liberty Municipal	5	2	7
Littlefield	Taylor Brown Municipal	8	10	18
Livingston	Livingston Municipal	4	4	8
Llano	Llano Municipal	11	8	19
Lockhart	Lockhart Municipal	10	9	19
Lufkin	Angelina County	79	74	153
Madisonville	Madisonville Municipal	7	10	17
Marfa	Marfa Municipal	12	11	23
Marshall	Harrison County	9	10	19
Mason	Mason County	1	1	2
Mc Camey	Upton County	8	5	13
Mesquite	Mesquite Metro	141	140	281
Mexia	Mexia-Limestone County	24	38	62
Midland	Midland Airpark	36	54	90
Midlothian/Waxahachie	Mid-Way Regional	92	110	202
Mineola/Quitman	Wood County	8	5	13
Mineral Wells	Mineral Wells	189	326	515
Monahans	Roy Hurd Memorial	11	16	27
Mount Pleasant	Mount Pleasant Regional	23	21	44
Mount Vernon	Franklin County	2	1	3
Muleshoe	Muleshoe Municipal	2	0	2
Munday	Munday Municipal	4	5	9
Nacogdoches	A L Mangham Jr. Regional	10	8	18
Navasota	Navasota Municipal	5	6	11
New Braunfels	New Braunfels Regional	113	127	240
Odessa	Odessa-Schlemeyer Field	102	100	202
Olney	Olney Municipal	281	505	786
Orange	Orange County	10	9	19
Ozona	Ozona Municipal	4	4	8
Paducah	Dan E Richards Municipal	6	10	16
Palacios	Palacios Municipal	4	2	6
Palestine	Palestine Municipal	7	5	12
Pampa	Perry Lefors Field	8	6	14
Panhandle	Panhandle-Carson County	6	10	16
Paris	Cox Field	19	23	42
Pearsall	Mc Kinley Field	4	2	6
Pecos	Pecos Municipal	38	22	60
Perryton	Perryton Ochiltree County	16	18	34
Plains	Yoakum County	10	14	24
Plainview	Hale County	30	44	74
Pleasanton	Pleasanton Municipal	6	6	12
Port Aransas	Mustang Beach	4	2	6
Port Isabel	Port Isabel-Cameron County	12	13	25
Port Lavaca	Calhoun County	15	18	33

Table A-6: Total Employment from Texas Airports (cont.)

Associated City	Airport Name	Direct Employment	Multiplier Employment	Total Employment
Port Mansfield	Charles R Johnson	1	0	1
Presidio	Presidio Lely International	2	2	4
Quanah	Quanah Municipal	6	6	12
Refugio	Rooke Field	3	3	6
Roanoke	Northwest Regional	159	132	291
Robstown	Nueces County	8	8	16
Rockdale	H H Coffield Regional	2	0	2
Rockport	Aransas County	96	64	160
Rocksprings	Edwards County	1	0	1
Rockwall	Ralph M Hall/Rockwall Municipal	13	12	25
San Antonio	Stinson Municipal	186	175	361
San Marcos	San Marcos Regional	271	393	664
San Saba	San Saba County Municipal	1	1	2
Seminole	Gaines County	8	6	14
Seymour	Seymour Municipal	6	7	13
Sherman	Sherman Municipal	5	6	11
Sherman/Denison	North Texas Regional/Perrin Field	157	190	347
Sinton	Alfred C 'Bubba' Thomas	12	16	28
Slaton	Slaton Municipal	10	12	22
Smithville	Smithville Crawford Municipal	9	10	19
Snyder	Winston Field	14	17	31
Sonora	Sonora Municipal	2	0	2
Spearman	Major Samuel B Cornelius Field	3	1	4
Stamford	Arledge Field	4	6	10
Stephenville	Stephenville Clark Regional	25	27	52
Sulphur Springs	Sulphur Springs Municipal	36	47	83
Sunray	Sunray	12	18	30
Sweetwater	Avenger Field	8	5	13
Tahoka	T-Bar	2	0	2
Taylor	Taylor Municipal	31	43	74
Temple	Draughon-Miller Central Texas Regional	104	116	220
Terrell	Terrell Municipal	25	22	47
Throckmorton	Throckmorton Municipal	1	0	1
Tulia	City of Tulia/Swisher County Municipal	2	1	3
Uvalde	Garner Field	158	228	386
Van Horn	Culberson County	3	4	7
Vega	Oldham County	2	1	3
Vernon	Wilbarger County	14	16	30
Victoria	Victoria Regional	130	142	272
McGregor	Mc Gregor Executive	52	70	122
Waco	TSTC Waco	1,292	2,066	3,358
Wellington	Marian Airpark	2	1	3

Table A-6: Total Employment from Texas Airports (cont.)

Associated City	Airport Name	Direct Employment	Multiplier Employment	Total Employment
Weslaco	Mid Valley	34	23	57
Wharton	Wharton Regional	17	21	38
Wheeler	Wheeler Municipal	1	0	1
Wichita Falls	Kickapoo Downtown	34	37	71
Wills Point	Van Zandt County Regional	5	6	11
Wink	Winkler County	2	2	4
Winnie/Stowell	Chambers County-Winnie Stowell	52	82	134
Winnsboro	Winnsboro Municipal	1	0	1
Winters	Winters Municipal	2	0	2
Zapata	Zapata County	3	3	6
Other Airports		25	3	28
General Aviation Airports Total		22,411	25,678	48,089
All Airports Total		490,404	288,551	778,955

Source: CDM Smith and IMPLAN.

Table A-7: On-Airport Payroll from Texas Airports

Associated City	Airport Name	Direct On-Airport Payroll	Multiplier On-Airport Payroll	Total On-Airport Payroll
<i>Commercial Service Airports</i>				
Abilene	Abilene Regional	\$43,938,000	\$37,069,000	\$81,007,000
Amarillo	Rick Husband Amarillo International	\$108,929,000	\$93,649,000	\$202,578,000
Austin	Austin-Bergstrom International	\$436,451,000	\$296,180,000	\$732,631,000
Beaumont/Port Arthur	Jack Brooks Regional	\$4,047,000	\$2,304,000	\$6,351,000
Brownsville	Brownsville/South Padre Island International	\$15,620,000	\$11,878,000	\$27,498,000
College Station	Easterwood Field	\$6,212,000	\$4,885,000	\$11,097,000
Corpus Christi	Corpus Christi International	\$42,743,000	\$25,929,000	\$68,672,000
Dallas	Dallas Love Field	\$358,460,000	\$243,255,000	\$601,715,000
Dallas-Fort Worth	Dallas/Fort Worth International	\$2,583,586,000	\$1,753,249,000	\$4,336,835,000
El Paso	El Paso International	\$121,387,000	\$84,713,000	\$206,100,000
Fort Hood (Killeen)	Killeen-Fort Hood Regional	\$4,860,000	\$3,197,000	\$8,057,000
Harlingen	Valley International	\$27,620,000	\$22,699,000	\$50,319,000
Houston	George Bush Intercontinental/Houston	\$2,620,521,000	\$1,778,313,000	\$4,398,834,000
Houston	William P Hobby	\$491,434,000	\$333,492,000	\$824,926,000
Laredo	Laredo International	\$14,399,000	\$10,342,000	\$24,741,000
Longview	East Texas Regional	\$12,586,000	\$9,213,000	\$21,799,000
Lubbock	Lubbock Preston Smith International	\$25,583,000	\$19,125,000	\$44,708,000
Mc Allen	Mc Allen Miller International	\$22,712,000	\$15,648,000	\$38,360,000
Midland	Midland International Air and Space Port	\$48,600,000	\$38,568,000	\$87,168,000
San Angelo	San Angelo Regional/Mathis Field	\$13,403,000	\$8,573,000	\$21,976,000
San Antonio	San Antonio International	\$297,334,000	\$201,774,000	\$499,108,000
Texarkana, AR	Texarkana Regional Airport-Webb Field	\$4,820,000	\$3,773,000	\$8,593,000
Tyler	Tyler Pounds Regional	\$14,973,000	\$11,755,000	\$26,728,000
Waco	Waco Regional	\$14,047,000	\$10,370,000	\$24,417,000
Wichita Falls	Sheppard AFB/Wichita Falls Municipal	\$5,546,000	\$3,464,000	\$9,010,000
Commercial Service Airports Total		\$7,339,811,000	\$5,023,417,000	\$12,363,228,000
<i>General Aviation Airports</i>				
Albany	Albany Municipal	\$54,000	\$36,000	\$90,000
Alice	Alice International	\$204,000	\$173,000	\$377,000
Alpine	Alpine-Casparis Municipal	\$2,344,000	\$1,342,000	\$3,686,000
Amarillo	Tradewind	\$313,000	\$159,000	\$472,000

Table A-7: On-Airport Payroll from Texas Airports (cont.)

Associated City	Airport Name	Direct On-Airport Payroll	Multiplier On-Airport Payroll	Total On-Airport Payroll
Anahuac	Chambers County	\$41,000	\$31,000	\$72,000
Andrews	Andrews County	\$217,000	\$159,000	\$376,000
Angleton/Lake Jackson	Texas Gulf Coast Regional	\$1,951,000	\$1,354,000	\$3,305,000
Arlington	Arlington Municipal	\$28,632,000	\$17,634,000	\$46,266,000
Athens	Athens Municipal	\$230,000	\$202,000	\$432,000
Atlanta	Hall-Miller Municipal	Undisclosed	Undisclosed	Undisclosed
Ballinger	Bruce Field	Undisclosed	Undisclosed	Undisclosed
Bay City	Bay City Regional	\$408,000	\$321,000	\$729,000
Beaumont	Beaumont Municipal	\$235,000	\$190,000	\$425,000
Beeville	Beeville Municipal	\$60,000	\$47,000	\$107,000
Big Lake	Reagan County	Undisclosed	Undisclosed	Undisclosed
Big Spring	Big Spring Mc Mahon-Wrinkle	\$2,050,000	\$1,663,000	\$3,713,000
Bonham	Jones Field	\$159,000	\$144,000	\$303,000
Borger	Hutchinson County	\$1,683,000	\$1,449,000	\$3,132,000
Bowie	Bowie Municipal	\$79,000	\$40,000	\$119,000
Brady	Curtis Field	\$187,000	\$125,000	\$312,000
Breckenridge	Stephens County	\$1,452,000	\$1,310,000	\$2,762,000
Brenham	Brenham Municipal	\$745,000	\$666,000	\$1,411,000
Bridgeport	Bridgeport Municipal	\$149,000	\$128,000	\$277,000
Brownfield	Terry County	\$119,000	\$103,000	\$222,000
Brownwood	Brownwood Regional	\$1,135,000	\$911,000	\$2,046,000
Bryan	Coulter Field	\$1,591,000	\$1,391,000	\$2,982,000
Burnet	Burnet Municipal Kate Craddock Field	\$510,000	\$442,000	\$952,000
Caddo Mills	Caddo Mills Municipal	\$167,000	\$142,000	\$309,000
Caldwell	Caldwell Municipal	\$60,000	\$47,000	\$107,000
Cameron	Cameron Municipal Airpark	\$0	\$0	\$0
Canadian	Hemphill County	\$130,000	\$111,000	\$241,000
Carrizo Springs	Dimmit County	\$853,000	\$765,000	\$1,618,000
Carthage	Panola County-Sharpe Field	Undisclosed	Undisclosed	Undisclosed
Castroville	Castroville Municipal	\$407,000	\$337,000	\$744,000
Center	Center Municipal	Undisclosed	Undisclosed	Undisclosed
Childress	Childress Municipal	\$544,000	\$482,000	\$1,026,000
Cisco	Cisco Municipal	Undisclosed	Undisclosed	Undisclosed
Clarksville	Clarksville/Red River County-J D Trissell Field	Undisclosed	Undisclosed	Undisclosed
Cleburne	Cleburne Regional	\$1,161,000	\$973,000	\$2,134,000
Cleveland	Cleveland Municipal	\$77,000	\$56,000	\$133,000
Clifton	Clifton Municipal/Isenhower Field	\$171,000	\$150,000	\$321,000
Coleman	Coleman Municipal	\$0	\$0	\$0
Colorado City	Colorado City	\$67,000	\$62,000	\$129,000
Columbus	Robert R Wells Jr.	\$6,000	\$3,000	\$9,000

Table A-7: On-Airport Payroll from Texas Airports (cont.)

Associated City	Airport Name	Direct On-Airport Payroll	Multiplier On-Airport Payroll	Total On-Airport Payroll
Comanche	Comanche County-City	Undisclosed	Undisclosed	Undisclosed
Commerce	Commerce Municipal	\$60,000	\$47,000	\$107,000
Corsicana	C David Campbell Field-Corsicana Municipal	\$149,000	\$135,000	\$284,000
Cotulla	Cotulla-La Salle County	\$160,000	\$138,000	\$298,000
Crane	Crane County	\$0	\$0	\$0
Crockett	Houston County	Undisclosed	Undisclosed	Undisclosed
Crosbyton	Crosbyton Municipal	\$152,000	\$139,000	\$291,000
Dalhart	Dalhart Municipal	\$457,000	\$381,000	\$838,000
Dallas	Addison	\$74,023,000	\$61,259,000	\$135,282,000
Dallas	Dallas CBD Vertiport	\$0	\$0	\$0
Dallas	Dallas Executive	\$5,214,000	\$3,812,000	\$9,026,000
McKinney	McKinney National	\$30,319,000	\$26,788,000	\$57,107,000
Decatur	Decatur Municipal	\$1,254,000	\$1,132,000	\$2,386,000
Del Rio	Del Rio International	\$3,178,000	\$2,109,000	\$5,287,000
Dell City	Dell City Municipal	Undisclosed	Undisclosed	Undisclosed
Denton	Denton Enterprise	\$19,074,000	\$17,143,000	\$36,217,000
Denver City	Denver City	\$0	\$0	\$0
Desoto	Desoto Heliport	\$924,000	\$825,000	\$1,749,000
Devine	Devine Municipal	\$395,000	\$356,000	\$751,000
Dimmitt	Dimmitt Municipal	\$45,000	\$34,000	\$79,000
Dryden	Terrell County	\$57,000	\$45,000	\$102,000
Dublin	Dublin Municipal	\$60,000	\$47,000	\$107,000
Dumas	Moore County	\$466,000	\$330,000	\$796,000
Eagle Lake	Eagle Lake	\$552,000	\$478,000	\$1,030,000
Eagle Pass	Maverick County Memorial International	\$115,000	\$84,000	\$199,000
Eastland	Eastland Municipal	\$429,000	\$391,000	\$820,000
Edinburg	South Texas International at Edinburg	\$1,560,000	\$796,000	\$2,356,000
Edna	Jackson County	\$111,000	\$73,000	\$184,000
Ennis	Ennis Municipal	\$203,000	\$179,000	\$382,000
Fabens	Fabens	\$77,000	\$61,000	\$138,000
Falfurrias	Brooks County	\$19,000	\$10,000	\$29,000
Floydada	Floydada Municipal	\$224,000	\$203,000	\$427,000
Fort Stockton	Fort Stockton-Pecos County	\$134,000	\$122,000	\$256,000
Fort Worth	Fort Worth Alliance	\$71,553,000	\$63,182,000	\$134,735,000
Fort Worth	Fort Worth Meacham International	\$46,388,000	\$41,159,000	\$87,547,000
Fort Worth	Fort Worth Spinks	\$5,585,000	\$4,952,000	\$10,537,000
Fredericksburg	Gillespie County	\$1,815,000	\$1,492,000	\$3,307,000
Gainesville	Gainesville Municipal	\$31,433,000	\$28,594,000	\$60,027,000
Galveston	Scholes International at Galveston	\$7,441,000	\$5,790,000	\$13,231,000
Garland	Garland/DFW Heloplex	\$2,002,000	\$1,785,000	\$3,787,000
Gatesville	Gatesville Municipal	\$128,000	\$116,000	\$244,000

Table A-7: On-Airport Payroll from Texas Airports (cont.)

Associated City	Airport Name	Direct On-Airport Payroll	Multiplier On-Airport Payroll	Total On-Airport Payroll
George West	Live Oak County	Undisclosed	Undisclosed	Undisclosed
Georgetown	Georgetown Municipal	\$5,180,000	\$4,592,000	\$9,772,000
Giddings	Giddings-Lee County	\$76,000	\$69,000	\$145,000
Gilmer	Fox Stephens Field-Gilmer Municipal	\$206,000	\$189,000	\$395,000
Gladewater	Gladewater Municipal	\$177,000	\$134,000	\$311,000
Gonzales	Roger M. Dreyer Memorial	Undisclosed	Undisclosed	Undisclosed
Graford	Possum Kingdom	\$0	\$0	\$0
Graham	Graham Municipal	\$358,000	\$297,000	\$655,000
Granbury	Granbury Regional	\$2,380,000	\$2,083,000	\$4,463,000
Grand Prairie	Grand Prairie Municipal	\$53,200,000	\$48,290,000	\$101,490,000
Greenville	Majors	\$627,087,000	\$320,597,000	\$947,684,000
Gruver	Gruver Municipal	\$166,000	\$152,000	\$318,000
Hallettsville	Hallettsville Municipal	Undisclosed	Undisclosed	Undisclosed
Hamilton	Hamilton Municipal	Undisclosed	Undisclosed	Undisclosed
Haskell	Haskell Municipal	\$105,000	\$87,000	\$192,000
Hearne	Hearne Municipal	\$128,000	\$110,000	\$238,000
Hebbronville	Jim Hogg County	Undisclosed	Undisclosed	Undisclosed
Henderson	Rusk County	\$102,000	\$56,000	\$158,000
Hereford	Hereford Municipal	\$310,000	\$263,000	\$573,000
Hillsboro	Hillsboro Municipal	\$370,000	\$309,000	\$679,000
Hondo	South Texas Regional at Hondo	\$1,872,000	\$1,612,000	\$3,484,000
Houston	Conroe-North Houston Regional	\$24,853,000	\$16,062,000	\$40,915,000
Houston	David Wayne Hooks Memorial	\$12,987,000	\$10,147,000	\$23,134,000
Houston	Ellington Field	\$73,391,000	\$37,931,000	\$111,322,000
Houston	Houston-Southwest	\$1,863,000	\$1,520,000	\$3,383,000
Houston	Pearland Regional	\$2,035,000	\$1,774,000	\$3,809,000
Houston	Sugar Land Regional	\$14,250,000	\$11,921,000	\$26,171,000
Houston	West Houston	\$2,800,000	\$1,749,000	\$4,549,000
Huntsville	Huntsville Municipal	\$149,000	\$130,000	\$279,000
Ingleside	McCampbell-Porter	\$768,000	\$657,000	\$1,425,000
Jacksboro	Jacksboro Municipal	\$55,000	\$43,000	\$98,000
Jacksonville	Cherokee County	\$1,861,000	\$1,664,000	\$3,525,000
Jasper	Jasper County-Bell Field	\$60,000	\$47,000	\$107,000
Jayton	Kent County	\$0	\$0	\$0
Jefferson	Cypress River	Undisclosed	Undisclosed	Undisclosed
Junction	Kimble County	\$53,000	\$42,000	\$95,000
Kenedy	Karnes County	\$51,000	\$26,000	\$77,000
Kerrville	Kerrville Municipal/Louis Schreiner Field	\$6,367,000	\$5,742,000	\$12,109,000
Killeen	Skylark Field	\$575,000	\$454,000	\$1,029,000
Kingsville	Kleberg County	\$184,000	\$161,000	\$345,000
Kirbyville	Kirbyville	Undisclosed	Undisclosed	Undisclosed

Table A-7: On-Airport Payroll from Texas Airports (cont.)

Associated City	Airport Name	Direct On-Airport Payroll	Multiplier On-Airport Payroll	Total On-Airport Payroll
Knox City	Harrison Field of Knox City	\$111,000	\$101,000	\$212,000
Kountze/Silsbee	Hawthorne Field	\$64,000	\$58,000	\$122,000
La Grange	Fayette Regional Air Center	\$241,000	\$200,000	\$441,000
La Porte	La Porte Municipal	\$954,000	\$861,000	\$1,815,000
Lago Vista	Lago Vista TX-Rusty Allen	\$389,000	\$334,000	\$723,000
Lamesa	Lamesa Municipal	\$468,000	\$426,000	\$894,000
Lampasas	Lampasas	\$0	\$0	\$0
Lancaster	Lancaster Regional	\$957,000	\$758,000	\$1,715,000
Levelland	Levelland Municipal	\$594,000	\$492,000	\$1,086,000
Liberty	Liberty Municipal	Undisclosed	Undisclosed	Undisclosed
Littlefield	Taylor Brown Municipal	\$157,000	\$135,000	\$292,000
Livingston	Livingston Municipal	\$60,000	\$47,000	\$107,000
Llano	Llano Municipal	\$101,000	\$73,000	\$174,000
Lockhart	Lockhart Municipal	\$141,000	\$108,000	\$249,000
Lufkin	Angelina County	\$3,095,000	\$2,554,000	\$5,649,000
Madisonville	Madisonville Municipal	\$136,000	\$117,000	\$253,000
Marfa	Marfa Municipal	\$198,000	\$140,000	\$338,000
Marshall	Harrison County	\$162,000	\$147,000	\$309,000
Mason	Mason County	\$0	\$0	\$0
Mc Camey	Upton County	Undisclosed	Undisclosed	Undisclosed
Mesquite	Mesquite Metro	\$2,878,000	\$2,156,000	\$5,034,000
Mexia	Mexia-Limestone County	\$1,179,000	\$1,075,000	\$2,254,000
Midland	Midland Airpark	\$1,594,000	\$1,452,000	\$3,046,000
Midlothian/Waxahachie	Mid-Way Regional	\$2,258,000	\$1,943,000	\$4,201,000
Mineola/Quitman	Wood County	\$81,000	\$67,000	\$148,000
Mineral Wells	Mineral Wells	\$12,065,000	\$10,898,000	\$22,963,000
Monahans	Roy Hurd Memorial	\$498,000	\$455,000	\$953,000
Mount Pleasant	Mount Pleasant Regional	\$691,000	\$487,000	\$1,178,000
Mount Vernon	Franklin County	\$0	\$0	\$0
Muleshoe	Muleshoe Municipal	Undisclosed	Undisclosed	Undisclosed
Munday	Munday Municipal	\$83,000	\$76,000	\$159,000
Nacogdoches	A L Mangham Jr. Regional	\$92,000	\$77,000	\$169,000
Navasota	Navasota Municipal	\$56,000	\$45,000	\$101,000
New Braunfels	New Braunfels Regional	\$2,777,000	\$2,531,000	\$5,308,000
Odessa	Odessa-Schlemeyer Field	\$957,000	\$824,000	\$1,781,000
Olney	Olney Municipal	\$20,342,000	\$18,524,000	\$38,866,000
Orange	Orange County	\$191,000	\$153,000	\$344,000
Ozona	Ozona Municipal	\$60,000	\$47,000	\$107,000
Paducah	Dan E Richards Municipal	\$139,000	\$126,000	\$265,000
Palacios	Palacios Municipal	Undisclosed	Undisclosed	Undisclosed
Palestine	Palestine Municipal	\$60,000	\$47,000	\$107,000
Pampa	Perry Lefors Field	\$102,000	\$86,000	\$188,000
Panhandle	Panhandle-Carson County	\$139,000	\$126,000	\$265,000
Paris	Cox Field	\$528,000	\$472,000	\$1,000,000
Pearsall	Mc Kinley Field	\$94,000	\$65,000	\$159,000
Pecos	Pecos Municipal	\$185,000	\$128,000	\$313,000

Table A-7: On-Airport Payroll from Texas Airports (cont.)

Associated City	Airport Name	Direct On-Airport Payroll	Multiplier On-Airport Payroll	Total On-Airport Payroll
Perryton	Perryton Ochiltree County	\$524,000	\$470,000	\$994,000
Plains	Yoakum County	\$206,000	\$183,000	\$389,000
Plainview	Hale County	\$1,651,000	\$1,504,000	\$3,155,000
Pleasanton	Pleasanton Municipal	\$72,000	\$56,000	\$128,000
Port Aransas	Mustang Beach	Undisclosed	Undisclosed	Undisclosed
Port Isabel	Port Isabel-Cameron County	\$197,000	\$177,000	\$374,000
Port Lavaca	Calhoun County	\$429,000	\$343,000	\$772,000
Port Mansfield	Charles R Johnson	Undisclosed	Undisclosed	Undisclosed
Presidio	Presidio Lely International	Undisclosed	Undisclosed	Undisclosed
Quanah	Quanah Municipal	\$93,000	\$81,000	\$174,000
Refugio	Rooke Field	Undisclosed	Undisclosed	Undisclosed
Roanoke	Northwest Regional	\$1,573,000	\$1,413,000	\$2,986,000
Robstown	Nueces County	\$170,000	\$132,000	\$302,000
Rockdale	H H Coffield Regional	Undisclosed	Undisclosed	Undisclosed
Rockport	Aransas County	\$996,000	\$800,000	\$1,796,000
Rocksprings	Edwards County	\$0	\$0	\$0
Rockwall	Ralph M Hall/Rockwall Municipal	\$170,000	\$155,000	\$325,000
San Antonio	Stinson Municipal	\$4,339,000	\$2,994,000	\$7,333,000
San Marcos	San Marcos Regional	\$9,916,000	\$8,936,000	\$18,852,000
San Saba	San Saba County Municipal	\$0	\$0	\$0
Seminole	Gaines County	\$77,000	\$56,000	\$133,000
Seymour	Seymour Municipal	\$63,000	\$54,000	\$117,000
Sherman	Sherman Municipal	\$147,000	\$120,000	\$267,000
Sherman/Denison	North Texas Regional/Perrin Field	\$2,329,000	\$1,968,000	\$4,297,000
Sinton	Alfred C 'Bubba' Thomas	\$296,000	\$235,000	\$531,000
Slaton	Slaton Municipal	\$211,000	\$186,000	\$397,000
Smithville	Smithville Crawford Municipal	\$194,000	\$176,000	\$370,000
Snyder	Winston Field	\$648,000	\$504,000	\$1,152,000
Sonora	Sonora Municipal	Undisclosed	Undisclosed	Undisclosed
Spearman	Major Samuel B Cornelius Field	Undisclosed	Undisclosed	Undisclosed
Stamford	Arledge Field	\$73,000	\$59,000	\$132,000
Stephenville	Stephenville Clark Regional	\$303,000	\$271,000	\$574,000
Sulphur Springs	Sulphur Springs Municipal	\$1,620,000	\$1,440,000	\$3,060,000
Sunray	Sunray	\$236,000	\$215,000	\$451,000
Sweetwater	Avenger Field	\$238,000	\$139,000	\$377,000
Tahoka	T-Bar	Undisclosed	Undisclosed	Undisclosed
Taylor	Taylor Municipal	\$645,000	\$568,000	\$1,213,000
Temple	Draughon-Miller Central Texas Regional	\$4,780,000	\$4,030,000	\$8,810,000
Terrell	Terrell Municipal	\$602,000	\$381,000	\$983,000

Table A-7: On-Airport Payroll from Texas Airports (cont.)

Associated City	Airport Name	Direct On-Airport Payroll	Multiplier On-Airport Payroll	Total On-Airport Payroll
Throckmorton	Throckmorton Municipal	\$0	\$0	\$0
Tulia	City of Tulia/Swisher County Municipal	Undisclosed	Undisclosed	Undisclosed
Uvalde	Garner Field	\$6,997,000	\$5,499,000	\$12,496,000
Van Horn	Culberson County	\$102,000	\$86,000	\$188,000
Vega	Oldham County	Undisclosed	Undisclosed	Undisclosed
Vernon	Wilbarger County	\$270,000	\$202,000	\$472,000
Victoria	Victoria Regional	\$5,325,000	\$4,214,000	\$9,539,000
McGregor	Mc Gregor Executive	\$2,733,000	\$2,464,000	\$5,197,000
Waco	TSTC Waco	\$85,945,000	\$74,893,000	\$160,838,000
Wellington	Marian Airpark	Undisclosed	Undisclosed	Undisclosed
Weslaco	Mid Valley	\$374,000	\$262,000	\$636,000
Wharton	Wharton Regional	\$561,000	\$476,000	\$1,037,000
Wheeler	Wheeler Municipal	Undisclosed	Undisclosed	Undisclosed
Wichita Falls	Kickapoo Downtown	\$1,143,000	\$931,000	\$2,074,000
Wills Point	Van Zandt County Regional	\$21,000	\$14,000	\$35,000
Wink	Winkler County	\$60,000	\$47,000	\$107,000
Winnie/Stowell	Chambers County-Winnie Stowell	\$1,068,000	\$969,000	\$2,037,000
Winnsboro	Winnsboro Municipal	\$0	\$0	\$0
Winters	Winters Municipal	Undisclosed	Undisclosed	Undisclosed
Zapata	Zapata County	\$50,000	\$25,000	\$75,000
Other Airports		\$35,000	\$13,000	\$48,000
General Aviation Airports Total		\$1,380,980,000	\$932,794,000	\$2,313,774,000
All Airports Total		\$8,720,791,000	\$5,956,211,000	\$14,677,002,000

Note: Payroll has been marked "Undisclosed" for airports reporting a single on-airport employee to protect the individual's privacy.

Source: CDM Smith and IMPLAN.

Table A-8: Construction Payroll from Texas Airports

Associated City	Airport Name	Direct Construction Payroll	Multiplier Construction Payroll	Total Construction Payroll
<i>Commercial Service Airports</i>				
Abilene	Abilene Regional	\$4,215,000	\$2,961,000	\$7,176,000
Amarillo	Rick Husband Amarillo International	\$3,337,000	\$2,346,000	\$5,683,000
Austin	Austin-Bergstrom International	\$15,117,000	\$10,623,000	\$25,740,000
Beaumont/Port Arthur	Jack Brooks Regional	\$863,000	\$606,000	\$1,469,000
Brownsville	Brownsville/South Padre Island International	\$3,374,000	\$2,371,000	\$5,745,000
College Station	Easterwood Field	\$1,456,000	\$1,024,000	\$2,480,000
Corpus Christi	Corpus Christi International	\$14,215,000	\$9,989,000	\$24,204,000
Dallas	Dallas Love Field	\$6,573,000	\$4,620,000	\$11,193,000
Dallas-Fort Worth	Dallas/Fort Worth International	\$127,324,000	\$89,473,000	\$216,797,000
El Paso	El Paso International	\$8,956,000	\$6,293,000	\$15,249,000
Fort Hood (Killeen)	Killeen-Fort Hood Regional	\$820,000	\$576,000	\$1,396,000
Harlingen	Valley International	\$2,354,000	\$1,654,000	\$4,008,000
Houston	George Bush Intercontinental/Houston	\$25,246,000	\$17,740,000	\$42,986,000
Houston	William P Hobby	\$21,068,000	\$14,804,000	\$35,872,000
Laredo	Laredo International	\$3,696,000	\$2,598,000	\$6,294,000
Longview	East Texas Regional	\$1,931,000	\$1,357,000	\$3,288,000
Lubbock	Lubbock Preston Smith International	\$4,514,000	\$3,172,000	\$7,686,000
Mc Allen	Mc Allen Miller International	\$3,286,000	\$2,310,000	\$5,596,000
Midland	Midland International Air and Space Port	\$4,121,000	\$2,897,000	\$7,018,000
San Angelo	San Angelo Regional/Mathis Field	\$1,860,000	\$1,307,000	\$3,167,000
San Antonio	San Antonio International	\$15,269,000	\$10,730,000	\$25,999,000
Texarkana, AR	Texarkana Regional Airport-Webb Field	\$528,000	\$464,000	\$992,000
Tyler	Tyler Pounds Regional	\$2,862,000	\$2,011,000	\$4,873,000
Waco	Waco Regional	\$1,723,000	\$1,210,000	\$2,933,000
Wichita Falls	Sheppard AFB/Wichita Falls Municipal	\$970,000	\$681,000	\$1,651,000
Commercial Service Airports Total		\$275,678,000	\$193,817,000	\$469,495,000
<i>General Aviation Airports</i>				
Albany	Albany Municipal	\$16,000	\$11,000	\$27,000
Alice	Alice International	\$289,000	\$204,000	\$493,000
Alpine	Alpine-Casparis Municipal	\$271,000	\$190,000	\$461,000
Amarillo	Tradewind	\$0	\$0	\$0

Table A-8: Construction Payroll from Texas Airports (cont.)

Associated City	Airport Name	Direct Construction Payroll	Multiplier Construction Payroll	Total Construction Payroll
Anahuac	Chambers County	\$36,000	\$26,000	\$62,000
Andrews	Andrews County	\$22,000	\$15,000	\$37,000
Angleton/Lake Jackson	Texas Gulf Coast Regional	\$38,000	\$26,000	\$64,000
Arlington	Arlington Municipal	\$1,117,000	\$785,000	\$1,902,000
Athens	Athens Municipal	\$25,000	\$18,000	\$43,000
Atlanta	Hall-Miller Municipal	\$1,000	\$1,000	\$2,000
Ballinger	Bruce Field	\$0	\$0	\$0
Bay City	Bay City Regional	\$60,000	\$43,000	\$103,000
Beaumont	Beaumont Municipal	\$419,000	\$295,000	\$714,000
Beeville	Beeville Municipal	\$5,000	\$4,000	\$9,000
Big Lake	Reagan County	\$4,000	\$3,000	\$7,000
Big Spring	Big Spring Mc Mahon-Wrinkle	\$183,000	\$129,000	\$312,000
Bonham	Jones Field	\$61,000	\$42,000	\$103,000
Borger	Hutchinson County	\$25,000	\$17,000	\$42,000
Bowie	Bowie Municipal	\$5,000	\$4,000	\$9,000
Brady	Curtis Field	\$15,000	\$11,000	\$26,000
Breckenridge	Stephens County	\$42,000	\$30,000	\$72,000
Brenham	Brenham Municipal	\$62,000	\$43,000	\$105,000
Bridgeport	Bridgeport Municipal	\$12,000	\$8,000	\$20,000
Brownfield	Terry County	\$45,000	\$32,000	\$77,000
Brownwood	Brownwood Regional	\$56,000	\$40,000	\$96,000
Bryan	Coulter Field	\$235,000	\$165,000	\$400,000
Burnet	Burnet Municipal Kate Craddock Field	\$54,000	\$38,000	\$92,000
Caddo Mills	Caddo Mills Municipal	\$15,000	\$11,000	\$26,000
Caldwell	Caldwell Municipal	\$11,000	\$7,000	\$18,000
Cameron	Cameron Municipal Airpark	\$1,000	\$0	\$1,000
Canadian	Hemphill County	\$5,000	\$4,000	\$9,000
Carrizo Springs	Dimmit County	\$19,000	\$14,000	\$33,000
Carthage	Panola County-Sharpe Field	\$5,000	\$3,000	\$8,000
Castroville	Castroville Municipal	\$57,000	\$39,000	\$96,000
Center	Center Municipal	\$28,000	\$19,000	\$47,000
Childress	Childress Municipal	\$48,000	\$34,000	\$82,000
Cisco	Cisco Municipal	\$0	\$0	\$0
Clarksville	Clarksville/Red River County-J D Trissell Field	\$5,000	\$3,000	\$8,000
Cleburne	Cleburne Regional	\$141,000	\$99,000	\$240,000
Cleveland	Cleveland Municipal	\$95,000	\$67,000	\$162,000
Clifton	Clifton Municipal/Isenhower Field	\$38,000	\$27,000	\$65,000
Coleman	Coleman Municipal	\$0	\$1,000	\$1,000
Colorado City	Colorado City	\$24,000	\$17,000	\$41,000
Columbus	Robert R Wells Jr.	\$2,000	\$1,000	\$3,000

Table A-8: Construction Payroll from Texas Airports (cont.)

Associated City	Airport Name	Direct Construction Payroll	Multiplier Construction Payroll	Total Construction Payroll
Comanche	Comanche County-City	\$0	\$0	\$0
Commerce	Commerce Municipal	\$176,000	\$124,000	\$300,000
Corsicana	C David Campbell Field-Corsicana Municipal	\$20,000	\$15,000	\$35,000
Cotulla	Cotulla-La Salle County	\$13,000	\$10,000	\$23,000
Crane	Crane County	\$5,000	\$4,000	\$9,000
Crockett	Houston County	\$1,000	\$1,000	\$2,000
Crosbyton	Crosbyton Municipal	\$41,000	\$29,000	\$70,000
Dalhart	Dalhart Municipal	\$67,000	\$47,000	\$114,000
Dallas	Addison	\$2,487,000	\$1,748,000	\$4,235,000
Dallas	Dallas CBD Vertiport	\$0	\$0	\$0
Dallas	Dallas Executive	\$2,223,000	\$1,563,000	\$3,786,000
McKinney	McKinney National	\$2,362,000	\$1,660,000	\$4,022,000
Decatur	Decatur Municipal	\$36,000	\$26,000	\$62,000
Del Rio	Del Rio International	\$375,000	\$264,000	\$639,000
Dell City	Dell City Municipal	\$8,000	\$5,000	\$13,000
Denton	Denton Enterprise	\$1,900,000	\$1,335,000	\$3,235,000
Denver City	Denver City	\$1,000	\$1,000	\$2,000
Desoto	Desoto Heliport	\$10,000	\$7,000	\$17,000
Devine	Devine Municipal	\$20,000	\$13,000	\$33,000
Dimmitt	Dimmitt Municipal	\$8,000	\$5,000	\$13,000
Dryden	Terrell County	\$5,000	\$3,000	\$8,000
Dublin	Dublin Municipal	\$15,000	\$10,000	\$25,000
Dumas	Moore County	\$223,000	\$157,000	\$380,000
Eagle Lake	Eagle Lake	\$79,000	\$55,000	\$134,000
Eagle Pass	Maverick County Memorial International	\$6,000	\$3,000	\$9,000
Eastland	Eastland Municipal	\$213,000	\$149,000	\$362,000
Edinburg	South Texas International at Edinburg	\$656,000	\$460,000	\$1,116,000
Edna	Jackson County	\$5,000	\$3,000	\$8,000
Ennis	Ennis Municipal	\$39,000	\$27,000	\$66,000
Fabens	Fabens	\$19,000	\$14,000	\$33,000
Falfurrias	Brooks County	\$124,000	\$88,000	\$212,000
Floydada	Floydada Municipal	\$45,000	\$32,000	\$77,000
Fort Stockton	Fort Stockton-Pecos County	\$26,000	\$18,000	\$44,000
Fort Worth	Fort Worth Alliance	\$5,129,000	\$3,605,000	\$8,734,000
Fort Worth	Fort Worth Meacham International	\$4,536,000	\$3,188,000	\$7,724,000
Fort Worth	Fort Worth Spinks	\$384,000	\$271,000	\$655,000
Fredericksburg	Gillespie County	\$247,000	\$174,000	\$421,000
Gainesville	Gainesville Municipal	\$1,061,000	\$745,000	\$1,806,000
Galveston	Scholes International at Galveston	\$227,000	\$160,000	\$387,000
Garland	Garland/DFW Heloplex	\$159,000	\$111,000	\$270,000
Gatesville	Gatesville Municipal	\$39,000	\$27,000	\$66,000

Table A-8: Construction Payroll from Texas Airports (cont.)

Associated City	Airport Name	Direct Construction Payroll	Multiplier Construction Payroll	Total Construction Payroll
George West	Live Oak County	\$110,000	\$77,000	\$187,000
Georgetown	Georgetown Municipal	\$1,105,000	\$776,000	\$1,881,000
Giddings	Giddings-Lee County	\$13,000	\$9,000	\$22,000
Gilmer	Fox Stephens Field-Gilmer Municipal	\$22,000	\$16,000	\$38,000
Gladewater	Gladewater Municipal	\$13,000	\$10,000	\$23,000
Gonzales	Roger M. Dreyer Memorial	\$0	\$0	\$0
Graford	Possum Kingdom	\$0	\$0	\$0
Graham	Graham Municipal	\$20,000	\$15,000	\$35,000
Granbury	Granbury Regional	\$57,000	\$41,000	\$98,000
Grand Prairie	Grand Prairie Municipal	\$661,000	\$465,000	\$1,126,000
Greenville	Majors	\$12,377,000	\$8,697,000	\$21,074,000
Gruver	Gruver Municipal	\$45,000	\$32,000	\$77,000
Hallettsville	Hallettsville Municipal	\$8,000	\$5,000	\$13,000
Hamilton	Hamilton Municipal	\$14,000	\$10,000	\$24,000
Haskell	Haskell Municipal	\$29,000	\$20,000	\$49,000
Hearne	Hearne Municipal	\$30,000	\$21,000	\$51,000
Hebbronville	Jim Hogg County	\$14,000	\$10,000	\$24,000
Henderson	Rusk County	\$48,000	\$33,000	\$81,000
Hereford	Hereford Municipal	\$61,000	\$43,000	\$104,000
Hillsboro	Hillsboro Municipal	\$86,000	\$61,000	\$147,000
Hondo	South Texas Regional at Hondo	\$128,000	\$89,000	\$217,000
Houston	Conroe-North Houston Regional	\$2,331,000	\$1,638,000	\$3,969,000
Houston	David Wayne Hooks Memorial	\$718,000	\$504,000	\$1,222,000
Houston	Ellington Field	\$7,369,000	\$5,179,000	\$12,548,000
Houston	Houston-Southwest	\$373,000	\$263,000	\$636,000
Houston	Pearland Regional	\$83,000	\$59,000	\$142,000
Houston	Sugar Land Regional	\$1,345,000	\$945,000	\$2,290,000
Houston	West Houston	\$33,000	\$23,000	\$56,000
Huntsville	Huntsville Municipal	\$16,000	\$11,000	\$27,000
Ingleside	McCampbell-Porter	\$1,511,000	\$1,061,000	\$2,572,000
Jacksboro	Jacksboro Municipal	\$1,000	\$1,000	\$2,000
Jacksonville	Cherokee County	\$94,000	\$66,000	\$160,000
Jasper	Jasper County-Bell Field	\$8,000	\$5,000	\$13,000
Jayton	Kent County	\$16,000	\$11,000	\$27,000
Jefferson	Cypress River	\$7,000	\$4,000	\$11,000
Junction	Kimble County	\$170,000	\$120,000	\$290,000
Kenedy	Karnes County	\$1,000	\$2,000	\$3,000
Kerrville	Kerrville Municipal/Louis Schreiner Field	\$359,000	\$252,000	\$611,000
Killeen	Skylark Field	\$71,000	\$50,000	\$121,000
Kingsville	Kleberg County	\$448,000	\$314,000	\$762,000
Kirbyville	Kirbyville	\$12,000	\$8,000	\$20,000

Table A-8: Construction Payroll from Texas Airports (cont.)

Associated City	Airport Name	Direct Construction Payroll	Multiplier Construction Payroll	Total Construction Payroll
Knox City	Harrison Field of Knox City	\$30,000	\$21,000	\$51,000
Kountze/Silsbee	Hawthorne Field	\$6,000	\$3,000	\$9,000
La Grange	Fayette Regional Air Center	\$42,000	\$29,000	\$71,000
La Porte	La Porte Municipal	\$89,000	\$62,000	\$151,000
Lago Vista	Lago Vista TX-Rusty Allen	\$67,000	\$47,000	\$114,000
Lamesa	Lamesa Municipal	\$223,000	\$157,000	\$380,000
Lampasas	Lampasas	\$2,000	\$2,000	\$4,000
Lancaster	Lancaster Regional	\$178,000	\$125,000	\$303,000
Levelland	Levelland Municipal	\$22,000	\$15,000	\$37,000
Liberty	Liberty Municipal	\$2,000	\$1,000	\$3,000
Littlefield	Taylor Brown Municipal	\$30,000	\$21,000	\$51,000
Livingston	Livingston Municipal	\$4,000	\$2,000	\$6,000
Llano	Llano Municipal	\$100,000	\$71,000	\$171,000
Lockhart	Lockhart Municipal	\$9,000	\$6,000	\$15,000
Lufkin	Angelina County	\$329,000	\$232,000	\$561,000
Madisonville	Madisonville Municipal	\$22,000	\$16,000	\$38,000
Marfa	Marfa Municipal	\$87,000	\$61,000	\$148,000
Marshall	Harrison County	\$13,000	\$10,000	\$23,000
Mason	Mason County	\$7,000	\$5,000	\$12,000
Mc Camey	Upton County	\$243,000	\$170,000	\$413,000
Mesquite	Mesquite Metro	\$541,000	\$380,000	\$921,000
Mexia	Mexia-Limestone County	\$112,000	\$78,000	\$190,000
Midland	Midland Airpark	\$154,000	\$108,000	\$262,000
Midlothian/Waxahachie	Mid-Way Regional	\$432,000	\$304,000	\$736,000
Mineola/Quitman	Wood County	\$22,000	\$15,000	\$37,000
Mineral Wells	Mineral Wells	\$184,000	\$129,000	\$313,000
Monahans	Roy Hurd Memorial	\$45,000	\$32,000	\$77,000
Mount Pleasant	Mount Pleasant Regional	\$55,000	\$39,000	\$94,000
Mount Vernon	Franklin County	\$48,000	\$34,000	\$82,000
Muleshoe	Muleshoe Municipal	\$0	\$0	\$0
Munday	Munday Municipal	\$22,000	\$16,000	\$38,000
Nacogdoches	A L Mangham Jr. Regional	\$11,000	\$7,000	\$18,000
Navasota	Navasota Municipal	\$10,000	\$7,000	\$17,000
New Braunfels	New Braunfels Regional	\$118,000	\$82,000	\$200,000
Odessa	Odessa-Schlemeyer Field	\$344,000	\$242,000	\$586,000
Olney	Olney Municipal	\$287,000	\$202,000	\$489,000
Orange	Orange County	\$21,000	\$15,000	\$36,000
Ozona	Ozona Municipal	\$10,000	\$8,000	\$18,000
Paducah	Dan E Richards Municipal	\$37,000	\$26,000	\$63,000
Palacios	Palacios Municipal	\$4,000	\$2,000	\$6,000
Palestine	Palestine Municipal	\$48,000	\$34,000	\$82,000
Pampa	Perry Lefors Field	\$7,000	\$6,000	\$13,000
Panhandle	Panhandle-Carson County	\$38,000	\$27,000	\$65,000
Paris	Cox Field	\$25,000	\$18,000	\$43,000
Pearsall	Mc Kinley Field	\$4,000	\$2,000	\$6,000

Table A-8: Construction Payroll from Texas Airports (cont.)

Associated City	Airport Name	Direct Construction Payroll	Multiplier Construction Payroll	Total Construction Payroll
Pecos	Pecos Municipal	\$124,000	\$87,000	\$211,000
Perryton	Perryton Ochiltree County	\$65,000	\$46,000	\$111,000
Plains	Yoakum County	\$31,000	\$21,000	\$52,000
Plainview	Hale County	\$186,000	\$131,000	\$317,000
Pleasanton	Pleasanton Municipal	\$8,000	\$5,000	\$13,000
Port Aransas	Mustang Beach	\$2,000	\$2,000	\$4,000
Port Isabel	Port Isabel-Cameron County	\$141,000	\$99,000	\$240,000
Port Lavaca	Calhoun County	\$39,000	\$28,000	\$67,000
Port Mansfield	Charles R Johnson	\$0	\$0	\$0
Presidio	Presidio Lely International	\$37,000	\$26,000	\$63,000
Quanah	Quanah Municipal	\$28,000	\$20,000	\$48,000
Refugio	Rooke Field	\$48,000	\$34,000	\$82,000
Roanoke	Northwest Regional	\$124,000	\$86,000	\$210,000
Robstown	Nueces County	\$58,000	\$41,000	\$99,000
Rockdale	H H Coffield Regional	\$0	\$0	\$0
Rockport	Aransas County	\$82,000	\$57,000	\$139,000
Rocksprings	Edwards County	\$9,000	\$7,000	\$16,000
Rockwall	Ralph M Hall/Rockwall Municipal	\$22,000	\$15,000	\$37,000
San Antonio	Stinson Municipal	\$1,390,000	\$977,000	\$2,367,000
San Marcos	San Marcos Regional	\$1,004,000	\$706,000	\$1,710,000
San Saba	San Saba County Municipal	\$1,000	\$0	\$1,000
Seminole	Gaines County	\$95,000	\$67,000	\$162,000
Seymour	Seymour Municipal	\$15,000	\$10,000	\$25,000
Sherman	Sherman Municipal	\$4,000	\$2,000	\$6,000
Sherman/Denison	North Texas Regional/Perrin Field	\$355,000	\$249,000	\$604,000
Sinton	Alfred C 'Bubba' Thomas	\$32,000	\$23,000	\$55,000
Slaton	Slaton Municipal	\$23,000	\$16,000	\$39,000
Smithville	Smithville Crawford Municipal	\$20,000	\$13,000	\$33,000
Snyder	Winston Field	\$13,000	\$9,000	\$22,000
Sonora	Sonora Municipal	\$1,000	\$1,000	\$2,000
Spearman	Major Samuel B Cornelius Field	\$6,000	\$5,000	\$11,000
Stamford	Arledge Field	\$15,000	\$10,000	\$25,000
Stephenville	Stephenville Clark Regional	\$315,000	\$222,000	\$537,000
Sulphur Springs	Sulphur Springs Municipal	\$175,000	\$122,000	\$297,000
Sunray	Sunray	\$63,000	\$45,000	\$108,000
Sweetwater	Avenger Field	\$33,000	\$23,000	\$56,000
Tahoka	T-Bar	\$4,000	\$2,000	\$6,000
Taylor	Taylor Municipal	\$255,000	\$180,000	\$435,000
Temple	Draughon-Miller Central Texas Regional	\$753,000	\$529,000	\$1,282,000

Table A-8: Construction Payroll from Texas Airports (cont.)

Associated City	Airport Name	Direct Construction Payroll	Multiplier Construction Payroll	Total Construction Payroll
Terrell	Terrell Municipal	\$193,000	\$135,000	\$328,000
Throckmorton	Throckmorton Municipal	\$25,000	\$17,000	\$42,000
Tulia	City of Tulia/Swisher County Municipal	\$0	\$0	\$0
Uvalde	Garner Field	\$561,000	\$394,000	\$955,000
Van Horn	Culberson County	\$8,000	\$5,000	\$13,000
Vega	Oldham County	\$0	\$1,000	\$1,000
Vernon	Wilbarger County	\$39,000	\$28,000	\$67,000
Victoria	Victoria Regional	\$252,000	\$177,000	\$429,000
McGregor	Mc Gregor Executive	\$424,000	\$298,000	\$722,000
Waco	TSTC Waco	\$2,994,000	\$2,104,000	\$5,098,000
Wellington	Marian Airpark	\$0	\$0	\$0
Weslaco	Mid Valley	\$33,000	\$24,000	\$57,000
Wharton	Wharton Regional	\$150,000	\$105,000	\$255,000
Wheeler	Wheeler Municipal	\$0	\$0	\$0
Wichita Falls	Kickapoo Downtown	\$255,000	\$180,000	\$435,000
Wills Point	Van Zandt County Regional	\$52,000	\$37,000	\$89,000
Wink	Winkler County	\$9,000	\$7,000	\$16,000
Winnie/Stowell	Chambers County-Winnie Stowell	\$307,000	\$216,000	\$523,000
Winnsboro	Winnsboro Municipal	\$2,000	\$1,000	\$3,000
Winters	Winters Municipal	\$0	\$0	\$0
Zapata	Zapata County	\$10,000	\$8,000	\$18,000
Other Airports		\$30,000	\$25,000	\$55,000
General Aviation Airports Total		\$71,393,000	\$50,176,000	\$121,569,000
All Airports Total		\$347,071,000	\$243,993,000	\$591,064,000

Source: CDM Smith and IMPLAN.

Table A-9: Commercial Service Visitor-Related Payroll from Texas Airports

Associated City	Airport Name	Direct CS Visitor-Related Payroll	Multiplier CS Visitor-Related Payroll	Total CS Visitor-Related Payroll
<i>Commercial Service Airports</i>				
Abilene	Abilene Regional	\$12,023,000	\$9,059,000	\$21,082,000
Amarillo	Rick Husband Amarillo International	\$118,425,000	\$89,234,000	\$207,659,000
Austin	Austin-Bergstrom International	\$992,370,000	\$747,762,000	\$1,740,132,000
Beaumont/Port Arthur	Jack Brooks Regional	\$3,057,000	\$2,303,000	\$5,360,000
Brownsville	Brownsville/South Padre Island International	\$13,292,000	\$10,016,000	\$23,308,000
College Station	Easterwood Field	\$14,512,000	\$10,935,000	\$25,447,000
Corpus Christi	Corpus Christi International	\$108,167,000	\$81,506,000	\$189,673,000
Dallas	Dallas Love Field	\$741,209,000	\$558,509,000	\$1,299,718,000
Dallas-Fort Worth	Dallas/Fort Worth International	\$2,701,929,000	\$2,035,933,000	\$4,737,862,000
El Paso	El Paso International	\$284,733,000	\$214,549,000	\$499,282,000
Fort Hood (Killeen)	Killeen-Fort Hood Regional	\$20,779,000	\$15,658,000	\$36,437,000
Harlingen	Valley International	\$52,980,000	\$39,921,000	\$92,901,000
Houston	George Bush Intercontinental/Houston	\$1,581,942,000	\$1,192,010,000	\$2,773,952,000
Houston	William P Hobby	\$606,459,000	\$456,974,000	\$1,063,433,000
Laredo	Laredo International	\$12,823,000	\$9,663,000	\$22,486,000
Longview	East Texas Regional	\$1,217,000	\$917,000	\$2,134,000
Lubbock	Lubbock Preston Smith International	\$78,468,000	\$59,126,000	\$137,594,000
Mc Allen	Mc Allen Miller International	\$104,233,000	\$78,540,000	\$182,773,000
Midland	Midland International Air and Space Port	\$134,533,000	\$101,373,000	\$235,906,000
San Angelo	San Angelo Regional/Mathis Field	\$8,478,000	\$6,388,000	\$14,866,000
San Antonio	San Antonio International	\$693,862,000	\$522,832,000	\$1,216,694,000
Texarkana, AR	Texarkana Regional Airport-Webb Field	\$3,364,000	\$2,046,000	\$5,410,000
Tyler	Tyler Pounds Regional	\$9,012,000	\$6,790,000	\$15,802,000
Waco	Waco Regional	\$6,109,000	\$4,603,000	\$10,712,000
Wichita Falls	Sheppard AFB/Wichita Falls Municipal	\$5,224,000	\$3,936,000	\$9,160,000
Commercial Service Airports Total		\$8,309,200,000	\$6,260,583,000	\$14,569,783,000

Source: CDM Smith and IMPLAN.

Table A-10: General Aviation Visitor-Related Payroll from Texas Airports

Associated City	Airport Name	Direct GA Visitor-Related Payroll	Multiplier GA Visitor-Related Payroll	Total GA Visitor-Related Payroll
<i>Commercial Service Airports</i>				
Abilene	Abilene Regional	\$1,854,000	\$1,465,000	\$3,319,000
Amarillo	Rick Husband Amarillo International	\$2,011,000	\$1,589,000	\$3,600,000
Austin	Austin-Bergstrom International	\$4,288,000	\$3,387,000	\$7,675,000
Beaumont/Port Arthur	Jack Brooks Regional	\$707,000	\$559,000	\$1,266,000
Brownsville	Brownsville/South Padre Island International	\$1,114,000	\$880,000	\$1,994,000
College Station	Easterwood Field	\$2,121,000	\$1,676,000	\$3,797,000
Corpus Christi	Corpus Christi International	\$2,391,000	\$1,889,000	\$4,280,000
Dallas	Dallas Love Field	\$4,430,000	\$3,500,000	\$7,930,000
Dallas-Fort Worth	Dallas/Fort Worth International	\$517,000	\$408,000	\$925,000
El Paso	El Paso International	\$2,525,000	\$1,995,000	\$4,520,000
Fort Hood (Killeen)	Killeen-Fort Hood Regional	\$527,000	\$416,000	\$943,000
Harlingen	Valley International	\$471,000	\$372,000	\$843,000
Houston	George Bush Intercontinental/Houston	\$823,000	\$650,000	\$1,473,000
Houston	William P Hobby	\$4,235,000	\$3,346,000	\$7,581,000
Laredo	Laredo International	\$1,659,000	\$1,311,000	\$2,970,000
Longview	East Texas Regional	\$1,467,000	\$1,159,000	\$2,626,000
Lubbock	Lubbock Preston Smith International	\$1,989,000	\$1,571,000	\$3,560,000
Mc Allen	Mc Allen Miller International	\$2,751,000	\$2,173,000	\$4,924,000
Midland	Midland International Air and Space Port	\$2,472,000	\$1,953,000	\$4,425,000
San Angelo	San Angelo Regional/Mathis Field	\$2,766,000	\$2,185,000	\$4,951,000
San Antonio	San Antonio International	\$4,050,000	\$3,199,000	\$7,249,000
Texarkana, AR	Texarkana Regional Airport-Webb Field	\$462,000	\$254,000	\$716,000
Tyler	Tyler Pounds Regional	\$1,582,000	\$1,250,000	\$2,832,000
Waco	Waco Regional	\$1,607,000	\$1,269,000	\$2,876,000
Wichita Falls	Sheppard AFB/Wichita Falls Municipal	\$7,311,000	\$5,775,000	\$13,086,000
Commercial Service Airports Total		\$56,130,000	\$44,231,000	\$100,361,000
<i>General Aviation Airports</i>				
Albany	Albany Municipal	\$17,000	\$13,000	\$30,000
Alice	Alice International	\$1,065,000	\$841,000	\$1,906,000
Alpine	Alpine-Casparis Municipal	\$65,000	\$51,000	\$116,000

Table A-10: General Aviation Visitor-Related Payroll from Texas Airports (cont.)

Associated City	Airport Name	Direct GA Visitor-Related Payroll	Multiplier GA Visitor-Related Payroll	Total GA Visitor-Related Payroll
Amarillo	Tradewind	\$529,000	\$418,000	\$947,000
Anahuac	Chambers County	\$19,000	\$15,000	\$34,000
Andrews	Andrews County	\$65,000	\$51,000	\$116,000
Angleton/Lake Jackson	Texas Gulf Coast Regional	\$2,412,000	\$1,905,000	\$4,317,000
Arlington	Arlington Municipal	\$2,217,000	\$1,751,000	\$3,968,000
Athens	Athens Municipal	\$53,000	\$42,000	\$95,000
Atlanta	Hall-Miller Municipal	\$111,000	\$88,000	\$199,000
Ballinger	Bruce Field	\$19,000	\$15,000	\$34,000
Bay City	Bay City Regional	\$75,000	\$59,000	\$134,000
Beaumont	Beaumont Municipal	\$118,000	\$93,000	\$211,000
Beeville	Beeville Municipal	\$51,000	\$40,000	\$91,000
Big Lake	Reagan County	\$24,000	\$19,000	\$43,000
Big Spring	Big Spring Mc Mahon-Wrinkle	\$144,000	\$114,000	\$258,000
Bonham	Jones Field	\$48,000	\$38,000	\$86,000
Borger	Hutchinson County	\$63,000	\$50,000	\$113,000
Bowie	Bowie Municipal	\$87,000	\$69,000	\$156,000
Brady	Curtis Field	\$534,000	\$422,000	\$956,000
Breckenridge	Stephens County	\$94,000	\$74,000	\$168,000
Brenham	Brenham Municipal	\$108,000	\$85,000	\$193,000
Bridgeport	Bridgeport Municipal	\$113,000	\$89,000	\$202,000
Brownfield	Terry County	\$43,000	\$34,000	\$77,000
Brownwood	Brownwood Regional	\$152,000	\$120,000	\$272,000
Bryan	Coulter Field	\$115,000	\$91,000	\$206,000
Burnet	Burnet Municipal Kate Craddock Field	\$125,000	\$99,000	\$224,000
Caddo Mills	Caddo Mills Municipal	\$529,000	\$418,000	\$947,000
Caldwell	Caldwell Municipal	\$53,000	\$42,000	\$95,000
Cameron	Cameron Municipal Airpark	\$12,000	\$9,000	\$21,000
Canadian	Hemphill County	\$41,000	\$32,000	\$73,000
Carrizo Springs	Dimmit County	\$14,000	\$11,000	\$25,000
Carthage	Panola County-Sharpe Field	\$72,000	\$57,000	\$129,000
Castroville	Castroville Municipal	\$113,000	\$89,000	\$202,000
Center	Center Municipal	\$65,000	\$51,000	\$116,000
Childress	Childress Municipal	\$31,000	\$24,000	\$55,000
Cisco	Cisco Municipal	\$17,000	\$13,000	\$30,000
Clarksville	Clarksville/Red River County-J D Trissell Field	\$0	\$0	\$0
Cleburne	Cleburne Regional	\$183,000	\$145,000	\$328,000
Cleveland	Cleveland Municipal	\$108,000	\$85,000	\$193,000
Clifton	Clifton Municipal/Isenhower Field	\$48,000	\$38,000	\$86,000
Coleman	Coleman Municipal	\$63,000	\$50,000	\$113,000

Table A-10: General Aviation Visitor-Related Payroll from Texas Airports (cont.)

Associated City	Airport Name	Direct GA Visitor-Related Payroll	Multiplier GA Visitor-Related Payroll	Total GA Visitor-Related Payroll
Colorado City	Colorado City	\$12,000	\$9,000	\$21,000
Columbus	Robert R Wells Jr.	\$24,000	\$19,000	\$43,000
Comanche	Comanche County-City	\$58,000	\$46,000	\$104,000
Commerce	Commerce Municipal	\$99,000	\$78,000	\$177,000
Corsicana	C David Campbell Field-Corsicana Municipal	\$135,000	\$107,000	\$242,000
Cotulla	Cotulla-La Salle County	\$202,000	\$160,000	\$362,000
Crane	Crane County	\$14,000	\$11,000	\$25,000
Crockett	Houston County	\$55,000	\$43,000	\$98,000
Crosbyton	Crosbyton Municipal	\$12,000	\$9,000	\$21,000
Dalhart	Dalhart Municipal	\$72,000	\$57,000	\$129,000
Dallas	Addison	\$4,394,000	\$3,471,000	\$7,865,000
Dallas	Dallas CBD Vertiport	\$14,000	\$11,000	\$25,000
Dallas	Dallas Executive	\$1,291,000	\$1,020,000	\$2,311,000
McKinney	McKinney National	\$1,756,000	\$1,387,000	\$3,143,000
Decatur	Decatur Municipal	\$108,000	\$85,000	\$193,000
Del Rio	Del Rio International	\$82,000	\$65,000	\$147,000
Dell City	Dell City Municipal	\$12,000	\$9,000	\$21,000
Denton	Denton Enterprise	\$3,569,000	\$2,819,000	\$6,388,000
Denver City	Denver City	\$26,000	\$21,000	\$47,000
Desoto	Desoto Heliport	\$0	\$0	\$0
Devine	Devine Municipal	\$46,000	\$36,000	\$82,000
Dimmitt	Dimmitt Municipal	\$0	\$0	\$0
Dryden	Terrell County	\$0	\$0	\$0
Dublin	Dublin Municipal	\$26,000	\$21,000	\$47,000
Dumas	Moore County	\$67,000	\$53,000	\$120,000
Eagle Lake	Eagle Lake	\$72,000	\$57,000	\$129,000
Eagle Pass	Maverick County Memorial International	\$0	\$0	\$0
Eastland	Eastland Municipal	\$51,000	\$40,000	\$91,000
Edinburg	South Texas International at Edinburg	\$24,000	\$19,000	\$43,000
Edna	Jackson County	\$65,000	\$51,000	\$116,000
Ennis	Ennis Municipal	\$24,000	\$19,000	\$43,000
Fabens	Fabens	\$101,000	\$80,000	\$181,000
Falfurrias	Brooks County	\$111,000	\$88,000	\$199,000
Floydada	Floydada Municipal	\$53,000	\$42,000	\$95,000
Fort Stockton	Fort Stockton-Pecos County	\$55,000	\$43,000	\$98,000
Fort Worth	Fort Worth Alliance	\$3,050,000	\$2,409,000	\$5,459,000
Fort Worth	Fort Worth Meacham International	\$3,163,000	\$2,499,000	\$5,662,000
Fort Worth	Fort Worth Spinks	\$1,258,000	\$994,000	\$2,252,000
Fredericksburg	Gillespie County	\$161,000	\$127,000	\$288,000
Gainesville	Gainesville Municipal	\$130,000	\$103,000	\$233,000

Table A-10: General Aviation Visitor-Related Payroll from Texas Airports (cont.)

Associated City	Airport Name	Direct GA Visitor-Related Payroll	Multiplier GA Visitor-Related Payroll	Total GA Visitor-Related Payroll
Galveston	Scholes International at Galveston	\$1,207,000	\$953,000	\$2,160,000
Garland	Garland/DFW Heloplex	\$36,000	\$28,000	\$64,000
Gatesville	Gatesville Municipal	\$43,000	\$34,000	\$77,000
George West	Live Oak County	\$26,000	\$21,000	\$47,000
Georgetown	Georgetown Municipal	\$1,734,000	\$1,370,000	\$3,104,000
Giddings	Giddings-Lee County	\$58,000	\$46,000	\$104,000
Gilmer	Fox Stephens Field-Gilmer Municipal	\$34,000	\$27,000	\$61,000
Gladewater	Gladewater Municipal	\$118,000	\$93,000	\$211,000
Gonzales	Roger M. Dreyer Memorial	\$19,000	\$15,000	\$34,000
Graford	Possum Kingdom	\$31,000	\$24,000	\$55,000
Graham	Graham Municipal	\$31,000	\$24,000	\$55,000
Granbury	Granbury Regional	\$192,000	\$152,000	\$344,000
Grand Prairie	Grand Prairie Municipal	\$1,118,000	\$883,000	\$2,001,000
Greenville	Majors	\$137,000	\$108,000	\$245,000
Gruver	Gruver Municipal	\$0	\$0	\$0
Hallettsville	Hallettsville Municipal	\$17,000	\$13,000	\$30,000
Hamilton	Hamilton Municipal	\$46,000	\$36,000	\$82,000
Haskell	Haskell Municipal	\$19,000	\$15,000	\$34,000
Hearne	Hearne Municipal	\$19,000	\$15,000	\$34,000
Hebbronville	Jim Hogg County	\$0	\$0	\$0
Henderson	Rusk County	\$84,000	\$66,000	\$150,000
Hereford	Hereford Municipal	\$70,000	\$55,000	\$125,000
Hillsboro	Hillsboro Municipal	\$51,000	\$40,000	\$91,000
Hondo	South Texas Regional at Hondo	\$108,000	\$85,000	\$193,000
Houston	Conroe-North Houston Regional	\$1,898,000	\$1,499,000	\$3,397,000
Houston	David Wayne Hooks Memorial	\$3,081,000	\$2,434,000	\$5,515,000
Houston	Ellington Field	\$3,475,000	\$2,745,000	\$6,220,000
Houston	Houston-Southwest	\$779,000	\$615,000	\$1,394,000
Houston	Pearland Regional	\$960,000	\$758,000	\$1,718,000
Houston	Sugar Land Regional	\$2,244,000	\$1,773,000	\$4,017,000
Houston	West Houston	\$1,585,000	\$1,252,000	\$2,837,000
Huntsville	Huntsville Municipal	\$515,000	\$407,000	\$922,000
Ingleside	McC Campbell-Porter	\$108,000	\$85,000	\$193,000
Jacksboro	Jacksboro Municipal	\$0	\$0	\$0
Jacksonville	Cherokee County	\$106,000	\$84,000	\$190,000
Jasper	Jasper County-Bell Field	\$99,000	\$78,000	\$177,000
Jayton	Kent County	\$0	\$0	\$0
Jefferson	Cypress River	\$19,000	\$15,000	\$34,000
Junction	Kimble County	\$51,000	\$40,000	\$91,000
Kenedy	Karnes County	\$24,000	\$19,000	\$43,000

Table A-10: General Aviation Visitor-Related Payroll from Texas Airports (cont.)

Associated City	Airport Name	Direct GA Visitor-Related Payroll	Multiplier GA Visitor-Related Payroll	Total GA Visitor-Related Payroll
Kerrville	Kerrville Municipal/Louis Schreiner Field	\$2,287,000	\$1,807,000	\$4,094,000
Killeen	Skylark Field	\$159,000	\$126,000	\$285,000
Kingsville	Kleberg County	\$12,000	\$9,000	\$21,000
Kirbyville	Kirbyville	\$63,000	\$50,000	\$113,000
Knox City	Harrison Field of Knox City	\$12,000	\$9,000	\$21,000
Kountze/Silsbee	Hawthorne Field	\$26,000	\$21,000	\$47,000
La Grange	Fayette Regional Air Center	\$77,000	\$61,000	\$138,000
La Porte	La Porte Municipal	\$209,000	\$165,000	\$374,000
Lago Vista	Lago Vista TX-Rusty Allen	\$43,000	\$34,000	\$77,000
Lamesa	Lamesa Municipal	\$84,000	\$66,000	\$150,000
Lampasas	Lampasas	\$67,000	\$53,000	\$120,000
Lancaster	Lancaster Regional	\$1,347,000	\$1,064,000	\$2,411,000
Levelland	Levelland Municipal	\$87,000	\$69,000	\$156,000
Liberty	Liberty Municipal	\$91,000	\$72,000	\$163,000
Littlefield	Taylor Brown Municipal	\$38,000	\$30,000	\$68,000
Livingston	Livingston Municipal	\$58,000	\$46,000	\$104,000
Llano	Llano Municipal	\$108,000	\$85,000	\$193,000
Lockhart	Lockhart Municipal	\$127,000	\$100,000	\$227,000
Lufkin	Angelina County	\$753,000	\$595,000	\$1,348,000
Madisonville	Madisonville Municipal	\$0	\$0	\$0
Marfa	Marfa Municipal	\$99,000	\$78,000	\$177,000
Marshall	Harrison County	\$99,000	\$78,000	\$177,000
Mason	Mason County	\$29,000	\$23,000	\$52,000
Mc Camey	Upton County	\$0	\$0	\$0
Mesquite	Mesquite Metro	\$1,455,000	\$1,149,000	\$2,604,000
Mexia	Mexia-Limestone County	\$58,000	\$46,000	\$104,000
Midland	Midland Airpark	\$178,000	\$141,000	\$319,000
Midlothian/Waxahachie	Mid-Way Regional	\$594,000	\$469,000	\$1,063,000
Mineola/Quitman	Wood County	\$108,000	\$85,000	\$193,000
Mineral Wells	Mineral Wells	\$166,000	\$131,000	\$297,000
Monahans	Roy Hurd Memorial	\$82,000	\$65,000	\$147,000
Mount Pleasant	Mount Pleasant Regional	\$108,000	\$85,000	\$193,000
Mount Vernon	Franklin County	\$12,000	\$9,000	\$21,000
Muleshoe	Muleshoe Municipal	\$19,000	\$15,000	\$34,000
Munday	Munday Municipal	\$0	\$0	\$0
Nacogdoches	A L Mangham Jr. Regional	\$168,000	\$133,000	\$301,000
Navasota	Navasota Municipal	\$79,000	\$62,000	\$141,000
New Braunfels	New Braunfels Regional	\$1,231,000	\$972,000	\$2,203,000
Odessa	Odessa-Schlemeyer Field	\$1,284,000	\$1,014,000	\$2,298,000
Olney	Olney Municipal	\$26,000	\$21,000	\$47,000
Orange	Orange County	\$96,000	\$76,000	\$172,000
Ozona	Ozona Municipal	\$53,000	\$42,000	\$95,000
Paducah	Dan E Richards Municipal	\$0	\$0	\$0
Palacios	Palacios Municipal	\$72,000	\$57,000	\$129,000

Table A-10: General Aviation Visitor-Related Payroll from Texas Airports (cont.)

Associated City	Airport Name	Direct GA Visitor-Related Payroll	Multiplier GA Visitor-Related Payroll	Total GA Visitor-Related Payroll
Palestine	Palestine Municipal	\$91,000	\$72,000	\$163,000
Pampa	Perry Lefors Field	\$118,000	\$93,000	\$211,000
Panhandle	Panhandle-Carson County	\$0	\$0	\$0
Paris	Cox Field	\$91,000	\$72,000	\$163,000
Pearsall	Mc Kinley Field	\$14,000	\$11,000	\$25,000
Pecos	Pecos Municipal	\$724,000	\$572,000	\$1,296,000
Perryton	Perryton Ochiltree County	\$120,000	\$95,000	\$215,000
Plains	Yoakum County	\$48,000	\$38,000	\$86,000
Plainview	Hale County	\$127,000	\$100,000	\$227,000
Pleasanton	Pleasanton Municipal	\$82,000	\$65,000	\$147,000
Port Aransas	Mustang Beach	\$75,000	\$59,000	\$134,000
Port Isabel	Port Isabel-Cameron County	\$46,000	\$36,000	\$82,000
Port Lavaca	Calhoun County	\$82,000	\$65,000	\$147,000
Port Mansfield	Charles R Johnson	\$0	\$0	\$0
Presidio	Presidio Lely International	\$0	\$0	\$0
Quanah	Quanah Municipal	\$26,000	\$21,000	\$47,000
Refugio	Rooke Field	\$22,000	\$17,000	\$39,000
Roanoke	Northwest Regional	\$2,689,000	\$2,124,000	\$4,813,000
Robstown	Nueces County	\$51,000	\$40,000	\$91,000
Rockdale	H H Coffield Regional	\$19,000	\$15,000	\$34,000
Rockport	Aransas County	\$1,859,000	\$1,469,000	\$3,328,000
Rocksprings	Edwards County	\$12,000	\$9,000	\$21,000
Rockwall	Ralph M Hall/Rockwall Municipal	\$173,000	\$137,000	\$310,000
San Antonio	Stinson Municipal	\$1,515,000	\$1,197,000	\$2,712,000
San Marcos	San Marcos Regional	\$1,178,000	\$931,000	\$2,109,000
San Saba	San Saba County Municipal	\$26,000	\$21,000	\$47,000
Seminole	Gaines County	\$67,000	\$53,000	\$120,000
Seymour	Seymour Municipal	\$19,000	\$15,000	\$34,000
Sherman	Sherman Municipal	\$19,000	\$15,000	\$34,000
Sherman/Denison	North Texas Regional/Perrin Field	\$1,347,000	\$1,064,000	\$2,411,000
Sinton	Alfred C 'Bubba' Thomas	\$51,000	\$40,000	\$91,000
Slaton	Slaton Municipal	\$79,000	\$62,000	\$141,000
Smithville	Smithville Crawford Municipal	\$72,000	\$57,000	\$129,000
Snyder	Winston Field	\$70,000	\$55,000	\$125,000
Sonora	Sonora Municipal	\$14,000	\$11,000	\$25,000
Spearman	Major Samuel B Cornelius Field	\$46,000	\$36,000	\$82,000
Stamford	Arledge Field	\$26,000	\$21,000	\$47,000
Stephenville	Stephenville Clark Regional	\$113,000	\$89,000	\$202,000
Sulphur Springs	Sulphur Springs Municipal	\$135,000	\$107,000	\$242,000

Table A-10: General Aviation Visitor-Related Payroll from Texas Airports (cont.)

Associated City	Airport Name	Direct GA Visitor-Related Payroll	Multiplier GA Visitor-Related Payroll	Total GA Visitor-Related Payroll
Sunray	Sunray	\$31,000	\$24,000	\$55,000
Sweetwater	Avenger Field	\$63,000	\$50,000	\$113,000
Tahoka	T-Bar	\$14,000	\$11,000	\$25,000
Taylor	Taylor Municipal	\$99,000	\$78,000	\$177,000
Temple	Draughon-Miller Central Texas Regional	\$683,000	\$540,000	\$1,223,000
Terrell	Terrell Municipal	\$183,000	\$145,000	\$328,000
Throckmorton	Throckmorton Municipal	\$0	\$0	\$0
Tulia	City of Tulia/Swisher County Municipal	\$29,000	\$23,000	\$52,000
Uvalde	Garner Field	\$113,000	\$89,000	\$202,000
Van Horn	Culberson County	\$0	\$0	\$0
Vega	Oldham County	\$26,000	\$21,000	\$47,000
Vernon	Wilbarger County	\$103,000	\$81,000	\$184,000
Victoria	Victoria Regional	\$967,000	\$764,000	\$1,731,000
McGregor	Mc Gregor Executive	\$190,000	\$150,000	\$340,000
Waco	TSTC Waco	\$1,811,000	\$1,431,000	\$3,242,000
Wellington	Marian Airpark	\$26,000	\$21,000	\$47,000
Weslaco	Mid Valley	\$568,000	\$449,000	\$1,017,000
Wharton	Wharton Regional	\$99,000	\$78,000	\$177,000
Wheeler	Wheeler Municipal	\$0	\$0	\$0
Wichita Falls	Kickapoo Downtown	\$188,000	\$149,000	\$337,000
Wills Point	Van Zandt County Regional	\$29,000	\$23,000	\$52,000
Wink	Winkler County	\$0	\$0	\$0
Winnie/Stowell	Chambers County-Winnie Stowell	\$29,000	\$23,000	\$52,000
Winnsboro	Winnsboro Municipal	\$17,000	\$13,000	\$30,000
Winters	Winters Municipal	\$19,000	\$15,000	\$34,000
Zapata	Zapata County	\$24,000	\$19,000	\$43,000
Other Airports		\$97,000	\$75,000	\$172,000
General Aviation Airports Total		\$78,667,000	\$62,134,000	\$140,801,000
All Airports Total		\$134,797,000	\$106,365,000	\$241,162,000

Source: CDM Smith and IMPLAN.

Table A-11: Total Payroll from Texas Airports

Associated City	Airport Name	Direct Payroll	Multiplier Payroll	Total Payroll
<i>Commercial Service Airports</i>				
Abilene	Abilene Regional	\$62,030,000	\$50,554,000	\$112,584,000
Amarillo	Rick Husband Amarillo International	\$232,702,000	\$186,818,000	\$419,520,000
Austin	Austin-Bergstrom International	\$1,448,226,000	\$1,057,952,000	\$2,506,178,000
Beaumont/Port Arthur	Jack Brooks Regional	\$8,674,000	\$5,772,000	\$14,446,000
Brownsville	Brownsville/South Padre Island International	\$33,400,000	\$25,145,000	\$58,545,000
College Station	Easterwood Field	\$24,301,000	\$18,520,000	\$42,821,000
Corpus Christi	Corpus Christi International	\$167,516,000	\$119,313,000	\$286,829,000
Dallas	Dallas Love Field	\$1,110,672,000	\$809,884,000	\$1,920,556,000
Dallas-Fort Worth	Dallas/Fort Worth International	\$5,413,356,000	\$3,879,063,000	\$9,292,419,000
El Paso	El Paso International	\$417,601,000	\$307,550,000	\$725,151,000
Fort Hood (Killeen)	Killeen-Fort Hood Regional	\$26,986,000	\$19,847,000	\$46,833,000
Harlingen	Valley International	\$83,425,000	\$64,646,000	\$148,071,000
Houston	George Bush Intercontinental/Houston	\$4,228,532,000	\$2,988,713,000	\$7,217,245,000
Houston	William P Hobby	\$1,123,196,000	\$808,616,000	\$1,931,812,000
Laredo	Laredo International	\$32,577,000	\$23,914,000	\$56,491,000
Longview	East Texas Regional	\$17,201,000	\$12,646,000	\$29,847,000
Lubbock	Lubbock Preston Smith International	\$110,554,000	\$82,994,000	\$193,548,000
Mc Allen	Mc Allen Miller International	\$132,982,000	\$98,671,000	\$231,653,000
Midland	Midland International Air and Space Port	\$189,726,000	\$144,791,000	\$334,517,000
San Angelo	San Angelo Regional/Mathis Field	\$26,507,000	\$18,453,000	\$44,960,000
San Antonio	San Antonio International	\$1,010,515,000	\$738,535,000	\$1,749,050,000
Texarkana, AR	Texarkana Regional Airport-Webb Field	\$9,174,000	\$6,537,000	\$15,711,000
Tyler	Tyler Pounds Regional	\$28,429,000	\$21,806,000	\$50,235,000
Waco	Waco Regional	\$23,486,000	\$17,452,000	\$40,938,000
Wichita Falls	Sheppard AFB/Wichita Falls Municipal	\$19,051,000	\$13,856,000	\$32,907,000
Commercial Service Airports Total		\$15,980,819,000	\$11,522,048,000	\$27,502,867,000
<i>General Aviation Airports</i>				
Albany	Albany Municipal	\$87,000	\$60,000	\$147,000
Alice	Alice International	\$1,558,000	\$1,218,000	\$2,776,000
Alpine	Alpine-Casparis Municipal	\$2,680,000	\$1,583,000	\$4,263,000
Amarillo	Tradewind	\$842,000	\$577,000	\$1,419,000
Anahuac	Chambers County	\$96,000	\$72,000	\$168,000

Table A-11: Total Payroll from Texas Airports (cont.)

Associated City	Airport Name	Direct Payroll	Multiplier Payroll	Total Payroll
Andrews	Andrews County	\$304,000	\$225,000	\$529,000
Angleton/Lake Jackson	Texas Gulf Coast Regional	\$4,401,000	\$3,285,000	\$7,686,000
Arlington	Arlington Municipal	\$31,966,000	\$20,170,000	\$52,136,000
Athens	Athens Municipal	\$308,000	\$262,000	\$570,000
Atlanta	Hall-Miller Municipal	\$129,000	\$98,000	\$227,000
Ballinger	Bruce Field	\$36,000	\$24,000	\$60,000
Bay City	Bay City Regional	\$543,000	\$423,000	\$966,000
Beaumont	Beaumont Municipal	\$772,000	\$578,000	\$1,350,000
Beeville	Beeville Municipal	\$116,000	\$91,000	\$207,000
Big Lake	Reagan County	\$45,000	\$31,000	\$76,000
Big Spring	Big Spring Mc Mahon-Wrinkle	\$2,377,000	\$1,906,000	\$4,283,000
Bonham	Jones Field	\$268,000	\$224,000	\$492,000
Borger	Hutchinson County	\$1,771,000	\$1,516,000	\$3,287,000
Bowie	Bowie Municipal	\$171,000	\$113,000	\$284,000
Brady	Curtis Field	\$736,000	\$558,000	\$1,294,000
Breckenridge	Stephens County	\$1,588,000	\$1,414,000	\$3,002,000
Brenham	Brenham Municipal	\$915,000	\$794,000	\$1,709,000
Bridgeport	Bridgeport Municipal	\$274,000	\$225,000	\$499,000
Brownfield	Terry County	\$207,000	\$169,000	\$376,000
Brownwood	Brownwood Regional	\$1,343,000	\$1,071,000	\$2,414,000
Bryan	Coulter Field	\$1,941,000	\$1,647,000	\$3,588,000
Burnet	Burnet Municipal Kate Craddock Field	\$689,000	\$579,000	\$1,268,000
Caddo Mills	Caddo Mills Municipal	\$711,000	\$571,000	\$1,282,000
Caldwell	Caldwell Municipal	\$124,000	\$96,000	\$220,000
Cameron	Cameron Municipal Airpark	\$13,000	\$9,000	\$22,000
Canadian	Hemphill County	\$176,000	\$147,000	\$323,000
Carrizo Springs	Dimmit County	\$886,000	\$790,000	\$1,676,000
Carthage	Panola County-Sharpe Field	\$111,000	\$78,000	\$189,000
Castroville	Castroville Municipal	\$577,000	\$465,000	\$1,042,000
Center	Center Municipal	\$122,000	\$85,000	\$207,000
Childress	Childress Municipal	\$623,000	\$540,000	\$1,163,000
Cisco	Cisco Municipal	\$18,000	\$13,000	\$31,000
Clarksville	Clarksville/Red River County-J D Trissell Field	\$29,000	\$24,000	\$53,000
Cleburne	Cleburne Regional	\$1,485,000	\$1,217,000	\$2,702,000
Cleveland	Cleveland Municipal	\$280,000	\$208,000	\$488,000
Clifton	Clifton Municipal/Isenhower Field	\$257,000	\$215,000	\$472,000
Coleman	Coleman Municipal	\$63,000	\$51,000	\$114,000
Colorado City	Colorado City	\$103,000	\$88,000	\$191,000
Columbus	Robert R Wells Jr.	\$32,000	\$23,000	\$55,000
Comanche	Comanche County-City	\$75,000	\$55,000	\$130,000
Commerce	Commerce Municipal	\$335,000	\$249,000	\$584,000

Table A-11: Total Payroll from Texas Airports (cont.)

Associated City	Airport Name	Direct Payroll	Multiplier Payroll	Total Payroll
Corsicana	C David Campbell Field-Corsicana Municipal	\$304,000	\$257,000	\$561,000
Cotulla	Cotulla-La Salle County	\$375,000	\$308,000	\$683,000
Crane	Crane County	\$19,000	\$15,000	\$34,000
Crockett	Houston County	\$73,000	\$53,000	\$126,000
Crosbyton	Crosbyton Municipal	\$205,000	\$177,000	\$382,000
Dalhart	Dalhart Municipal	\$596,000	\$485,000	\$1,081,000
Dallas	Addison	\$80,904,000	\$66,478,000	\$147,382,000
Dallas	Dallas CBD Vertiport	\$14,000	\$11,000	\$25,000
Dallas	Dallas Executive	\$8,728,000	\$6,395,000	\$15,123,000
McKinney	McKinney National	\$34,437,000	\$29,835,000	\$64,272,000
Decatur	Decatur Municipal	\$1,398,000	\$1,243,000	\$2,641,000
Del Rio	Del Rio International	\$3,635,000	\$2,438,000	\$6,073,000
Dell City	Dell City Municipal	\$48,000	\$39,000	\$87,000
Denton	Denton Enterprise	\$24,543,000	\$21,297,000	\$45,840,000
Denver City	Denver City	\$27,000	\$22,000	\$49,000
Desoto	Desoto Heliport	\$934,000	\$832,000	\$1,766,000
Devine	Devine Municipal	\$461,000	\$405,000	\$866,000
Dimmitt	Dimmitt Municipal	\$53,000	\$39,000	\$92,000
Dryden	Terrell County	\$62,000	\$48,000	\$110,000
Dublin	Dublin Municipal	\$101,000	\$78,000	\$179,000
Dumas	Moore County	\$756,000	\$540,000	\$1,296,000
Eagle Lake	Eagle Lake	\$703,000	\$590,000	\$1,293,000
Eagle Pass	Maverick County Memorial International	\$121,000	\$87,000	\$208,000
Eastland	Eastland Municipal	\$693,000	\$580,000	\$1,273,000
Edinburg	South Texas International at Edinburg	\$2,240,000	\$1,275,000	\$3,515,000
Edna	Jackson County	\$181,000	\$127,000	\$308,000
Ennis	Ennis Municipal	\$266,000	\$225,000	\$491,000
Fabens	Fabens	\$197,000	\$155,000	\$352,000
Falfurrias	Brooks County	\$254,000	\$186,000	\$440,000
Floydada	Floydada Municipal	\$322,000	\$277,000	\$599,000
Fort Stockton	Fort Stockton-Pecos County	\$215,000	\$183,000	\$398,000
Fort Worth	Fort Worth Alliance	\$79,732,000	\$69,196,000	\$148,928,000
Fort Worth	Fort Worth Meacham International	\$54,087,000	\$46,846,000	\$100,933,000
Fort Worth	Fort Worth Spinks	\$7,227,000	\$6,217,000	\$13,444,000
Fredericksburg	Gillespie County	\$2,223,000	\$1,793,000	\$4,016,000
Gainesville	Gainesville Municipal	\$32,624,000	\$29,442,000	\$62,066,000
Galveston	Scholes International at Galveston	\$8,875,000	\$6,903,000	\$15,778,000
Garland	Garland/DFW Heloplex	\$2,197,000	\$1,924,000	\$4,121,000
Gatesville	Gatesville Municipal	\$210,000	\$177,000	\$387,000
George West	Live Oak County	\$153,000	\$107,000	\$260,000
Georgetown	Georgetown Municipal	\$8,019,000	\$6,738,000	\$14,757,000
Giddings	Giddings-Lee County	\$147,000	\$124,000	\$271,000

Table A-11: Total Payroll from Texas Airports (cont.)

Associated City	Airport Name	Direct Payroll	Multiplier Payroll	Total Payroll
Gilmer	Fox Stephens Field-Gilmer Municipal	\$262,000	\$232,000	\$494,000
Gladewater	Gladewater Municipal	\$308,000	\$237,000	\$545,000
Gonzales	Roger M. Dreyer Memorial	\$36,000	\$24,000	\$60,000
Graford	Possum Kingdom	\$31,000	\$24,000	\$55,000
Graham	Graham Municipal	\$409,000	\$336,000	\$745,000
Granbury	Granbury Regional	\$2,629,000	\$2,276,000	\$4,905,000
Grand Prairie	Grand Prairie Municipal	\$54,979,000	\$49,638,000	\$104,617,000
Greenville	Majors	\$639,601,000	\$329,402,000	\$969,003,000
Gruver	Gruver Municipal	\$211,000	\$184,000	\$395,000
Hallettsville	Hallettsville Municipal	\$44,000	\$35,000	\$79,000
Hamilton	Hamilton Municipal	\$94,000	\$64,000	\$158,000
Haskell	Haskell Municipal	\$153,000	\$122,000	\$275,000
Hearne	Hearne Municipal	\$177,000	\$146,000	\$323,000
Hebbronville	Jim Hogg County	\$48,000	\$28,000	\$76,000
Henderson	Rusk County	\$234,000	\$155,000	\$389,000
Hereford	Hereford Municipal	\$441,000	\$361,000	\$802,000
Hillsboro	Hillsboro Municipal	\$507,000	\$410,000	\$917,000
Hondo	South Texas Regional at Hondo	\$2,108,000	\$1,786,000	\$3,894,000
Houston	Conroe-North Houston Regional	\$29,082,000	\$19,199,000	\$48,281,000
Houston	David Wayne Hooks Memorial	\$16,786,000	\$13,085,000	\$29,871,000
Houston	Ellington Field	\$84,235,000	\$45,855,000	\$130,090,000
Houston	Houston-Southwest	\$3,015,000	\$2,398,000	\$5,413,000
Houston	Pearland Regional	\$3,078,000	\$2,591,000	\$5,669,000
Houston	Sugar Land Regional	\$17,839,000	\$14,639,000	\$32,478,000
Houston	West Houston	\$4,418,000	\$3,024,000	\$7,442,000
Huntsville	Huntsville Municipal	\$680,000	\$548,000	\$1,228,000
Ingleside	McC Campbell-Porter	\$2,387,000	\$1,803,000	\$4,190,000
Jacksboro	Jacksboro Municipal	\$56,000	\$44,000	\$100,000
Jacksonville	Cherokee County	\$2,061,000	\$1,814,000	\$3,875,000
Jasper	Jasper County-Bell Field	\$167,000	\$130,000	\$297,000
Jayton	Kent County	\$16,000	\$11,000	\$27,000
Jefferson	Cypress River	\$43,000	\$28,000	\$71,000
Junction	Kimble County	\$274,000	\$202,000	\$476,000
Kenedy	Karnes County	\$76,000	\$47,000	\$123,000
Kerrville	Kerrville Municipal/Louis Schreiner Field	\$9,013,000	\$7,801,000	\$16,814,000
Killeen	Skylark Field	\$805,000	\$630,000	\$1,435,000
Kingsville	Kleberg County	\$644,000	\$484,000	\$1,128,000
Kirbyville	Kirbyville	\$113,000	\$86,000	\$199,000
Knox City	Harrison Field of Knox City	\$153,000	\$131,000	\$284,000
Kountze/Silsbee	Hawthorne Field	\$96,000	\$82,000	\$178,000
La Grange	Fayette Regional Air Center	\$360,000	\$290,000	\$650,000
La Porte	La Porte Municipal	\$1,252,000	\$1,088,000	\$2,340,000

Table A-11: Total Payroll from Texas Airports (cont.)

Associated City	Airport Name	Direct Payroll	Multiplier Payroll	Total Payroll
Lago Vista	Lago Vista TX-Rusty Allen	\$499,000	\$415,000	\$914,000
Lamesa	Lamesa Municipal	\$775,000	\$649,000	\$1,424,000
Lampasas	Lampasas	\$69,000	\$55,000	\$124,000
Lancaster	Lancaster Regional	\$2,482,000	\$1,947,000	\$4,429,000
Levelland	Levelland Municipal	\$703,000	\$576,000	\$1,279,000
Liberty	Liberty Municipal	\$110,000	\$82,000	\$192,000
Littlefield	Taylor Brown Municipal	\$225,000	\$186,000	\$411,000
Livingston	Livingston Municipal	\$122,000	\$95,000	\$217,000
Llano	Llano Municipal	\$309,000	\$229,000	\$538,000
Lockhart	Lockhart Municipal	\$277,000	\$214,000	\$491,000
Lufkin	Angelina County	\$4,177,000	\$3,381,000	\$7,558,000
Madisonville	Madisonville Municipal	\$158,000	\$133,000	\$291,000
Marfa	Marfa Municipal	\$384,000	\$279,000	\$663,000
Marshall	Harrison County	\$274,000	\$235,000	\$509,000
Mason	Mason County	\$36,000	\$28,000	\$64,000
Mc Camey	Upton County	\$258,000	\$177,000	\$435,000
Mesquite	Mesquite Metro	\$4,874,000	\$3,685,000	\$8,559,000
Mexia	Mexia-Limestone County	\$1,349,000	\$1,199,000	\$2,548,000
Midland	Midland Airpark	\$1,926,000	\$1,701,000	\$3,627,000
Midlothian/Waxahachie	Mid-Way Regional	\$3,284,000	\$2,716,000	\$6,000,000
Mineola/Quitman	Wood County	\$211,000	\$167,000	\$378,000
Mineral Wells	Mineral Wells	\$12,415,000	\$11,158,000	\$23,573,000
Monahans	Roy Hurd Memorial	\$625,000	\$552,000	\$1,177,000
Mount Pleasant	Mount Pleasant Regional	\$854,000	\$611,000	\$1,465,000
Mount Vernon	Franklin County	\$60,000	\$43,000	\$103,000
Muleshoe	Muleshoe Municipal	\$36,000	\$24,000	\$60,000
Munday	Munday Municipal	\$105,000	\$92,000	\$197,000
Nacogdoches	A L Mangham Jr. Regional	\$271,000	\$217,000	\$488,000
Navasota	Navasota Municipal	\$145,000	\$114,000	\$259,000
New Braunfels	New Braunfels Regional	\$4,126,000	\$3,585,000	\$7,711,000
Odessa	Odessa-Schlemeyer Field	\$2,585,000	\$2,080,000	\$4,665,000
Olney	Olney Municipal	\$20,655,000	\$18,747,000	\$39,402,000
Orange	Orange County	\$308,000	\$244,000	\$552,000
Ozona	Ozona Municipal	\$123,000	\$97,000	\$220,000
Paducah	Dan E Richards Municipal	\$176,000	\$152,000	\$328,000
Palacios	Palacios Municipal	\$80,000	\$61,000	\$141,000
Palestine	Palestine Municipal	\$199,000	\$153,000	\$352,000
Pampa	Perry Lefors Field	\$227,000	\$185,000	\$412,000
Panhandle	Panhandle-Carson County	\$177,000	\$153,000	\$330,000
Paris	Cox Field	\$644,000	\$562,000	\$1,206,000
Pearsall	Mc Kinley Field	\$112,000	\$78,000	\$190,000
Pecos	Pecos Municipal	\$1,033,000	\$787,000	\$1,820,000
Perryton	Perryton Ochiltree County	\$709,000	\$611,000	\$1,320,000
Plains	Yoakum County	\$285,000	\$242,000	\$527,000
Plainview	Hale County	\$1,964,000	\$1,735,000	\$3,699,000
Pleasanton	Pleasanton Municipal	\$162,000	\$126,000	\$288,000
Port Aransas	Mustang Beach	\$94,000	\$70,000	\$164,000

Table A-11: Total Payroll from Texas Airports (cont.)

Associated City	Airport Name	Direct Payroll	Multiplier Payroll	Total Payroll
Port Isabel	Port Isabel-Cameron County	\$384,000	\$312,000	\$696,000
Port Lavaca	Calhoun County	\$550,000	\$436,000	\$986,000
Port Mansfield	Charles R Johnson	\$17,000	\$9,000	\$26,000
Presidio	Presidio Lely International	\$63,000	\$39,000	\$102,000
Quanah	Quanah Municipal	\$147,000	\$122,000	\$269,000
Refugio	Rooke Field	\$113,000	\$89,000	\$202,000
Roanoke	Northwest Regional	\$4,386,000	\$3,623,000	\$8,009,000
Robstown	Nueces County	\$279,000	\$213,000	\$492,000
Rockdale	H H Coffield Regional	\$36,000	\$24,000	\$60,000
Rockport	Aransas County	\$2,937,000	\$2,326,000	\$5,263,000
Rocksprings	Edwards County	\$21,000	\$16,000	\$37,000
Rockwall	Ralph M Hall/Rockwall Municipal	\$365,000	\$307,000	\$672,000
San Antonio	Stinson Municipal	\$7,244,000	\$5,168,000	\$12,412,000
San Marcos	San Marcos Regional	\$12,098,000	\$10,573,000	\$22,671,000
San Saba	San Saba County Municipal	\$27,000	\$21,000	\$48,000
Seminole	Gaines County	\$239,000	\$176,000	\$415,000
Seymour	Seymour Municipal	\$97,000	\$79,000	\$176,000
Sherman	Sherman Municipal	\$170,000	\$137,000	\$307,000
Sherman/Denison	North Texas Regional/Perrin Field	\$4,031,000	\$3,281,000	\$7,312,000
Sinton	Alfred C 'Bubba' Thomas	\$379,000	\$298,000	\$677,000
Slaton	Slaton Municipal	\$313,000	\$264,000	\$577,000
Smithville	Smithville Crawford Municipal	\$286,000	\$246,000	\$532,000
Snyder	Winston Field	\$731,000	\$568,000	\$1,299,000
Sonora	Sonora Municipal	\$20,000	\$15,000	\$35,000
Spearman	Major Samuel B Cornelius Field	\$69,000	\$50,000	\$119,000
Stamford	Arledge Field	\$114,000	\$90,000	\$204,000
Stephenville	Stephenville Clark Regional	\$731,000	\$582,000	\$1,313,000
Sulphur Springs	Sulphur Springs Municipal	\$1,930,000	\$1,669,000	\$3,599,000
Sunray	Sunray	\$330,000	\$284,000	\$614,000
Sweetwater	Avenger Field	\$334,000	\$212,000	\$546,000
Tahoka	T-Bar	\$32,000	\$25,000	\$57,000
Taylor	Taylor Municipal	\$999,000	\$826,000	\$1,825,000
Temple	Draughon-Miller Central Texas Regional	\$6,216,000	\$5,099,000	\$11,315,000
Terrell	Terrell Municipal	\$978,000	\$661,000	\$1,639,000
Throckmorton	Throckmorton Municipal	\$25,000	\$17,000	\$42,000
Tulia	City of Tulia/Swisher County Municipal	\$46,000	\$32,000	\$78,000
Uvalde	Garner Field	\$7,671,000	\$5,982,000	\$13,653,000
Van Horn	Culberson County	\$110,000	\$91,000	\$201,000
Vega	Oldham County	\$43,000	\$31,000	\$74,000

Table A-11: Total Payroll from Texas Airports (cont.)

Associated City	Airport Name	Direct Payroll	Multiplier Payroll	Total Payroll
Vernon	Wilbarger County	\$412,000	\$311,000	\$723,000
Victoria	Victoria Regional	\$6,544,000	\$5,155,000	\$11,699,000
McGregor	Mc Gregor Executive	\$3,347,000	\$2,912,000	\$6,259,000
Waco	TSTC Waco	\$90,750,000	\$78,428,000	\$169,178,000
Wellington	Marian Airpark	\$43,000	\$30,000	\$73,000
Weslaco	Mid Valley	\$975,000	\$735,000	\$1,710,000
Wharton	Wharton Regional	\$810,000	\$659,000	\$1,469,000
Wheeler	Wheeler Municipal	\$17,000	\$9,000	\$26,000
Wichita Falls	Kickapoo Downtown	\$1,586,000	\$1,260,000	\$2,846,000
Wills Point	Van Zandt County Regional	\$102,000	\$74,000	\$176,000
Wink	Winkler County	\$69,000	\$54,000	\$123,000
Winnie/Stowell	Chambers County-Winnie Stowell	\$1,404,000	\$1,208,000	\$2,612,000
Winnsboro	Winnsboro Municipal	\$19,000	\$14,000	\$33,000
Winters	Winters Municipal	\$20,000	\$15,000	\$35,000
Zapata	Zapata County	\$84,000	\$52,000	\$136,000
Other Airports		\$162,000	\$113,000	\$275,000
General Aviation Airports Total		\$1,531,040,000	\$1,045,104,000	\$2,576,144,000
All Airports Total		\$17,511,859,000	\$12,567,152,000	\$30,079,011,000

Source: CDM Smith and IMPLAN.

Table A-12: On-Airport Output from Texas Airports

Associated City	Airport Name	Direct On-Airport Output	Multiplier On-Airport Output	Total On-Airport Output
<i>Commercial Service Airports</i>				
Abilene	Abilene Regional	\$149,388,000	\$117,517,000	\$266,905,000
Amarillo	Rick Husband Amarillo International	\$372,276,000	\$293,187,000	\$665,463,000
Austin	Austin-Bergstrom International	\$1,593,889,000	\$1,414,504,000	\$3,008,393,000
Beaumont/Port Arthur	Jack Brooks Regional	\$8,400,000	\$7,592,000	\$15,992,000
Brownsville	Brownsville/South Padre Island International	\$46,714,000	\$39,382,000	\$86,096,000
College Station	Easterwood Field	\$19,066,000	\$16,016,000	\$35,082,000
Corpus Christi	Corpus Christi International	\$91,549,000	\$80,992,000	\$172,541,000
Dallas	Dallas Love Field	\$1,432,397,000	\$1,271,188,000	\$2,703,585,000
Dallas-Fort Worth	Dallas/Fort Worth International	\$8,889,076,000	\$7,888,654,000	\$16,777,730,000
El Paso	El Paso International	\$461,146,000	\$412,498,000	\$873,644,000
Fort Hood (Killeen)	Killeen-Fort Hood Regional	\$16,712,000	\$15,907,000	\$32,619,000
Harlingen	Valley International	\$96,207,000	\$77,857,000	\$174,064,000
Houston	George Bush Intercontinental/Houston	\$8,180,043,000	\$7,259,419,000	\$15,439,462,000
Houston	William P Hobby	\$993,963,000	\$882,096,000	\$1,876,059,000
Laredo	Laredo International	\$46,759,000	\$39,640,000	\$86,399,000
Longview	East Texas Regional	\$31,656,000	\$25,891,000	\$57,547,000
Lubbock	Lubbock Preston Smith International	\$91,126,000	\$77,498,000	\$168,624,000
Mc Allen	Mc Allen Miller International	\$65,642,000	\$56,372,000	\$122,014,000
Midland	Midland International Air and Space Port	\$129,369,000	\$104,926,000	\$234,295,000
San Angelo	San Angelo Regional/Mathis Field	\$31,478,000	\$27,136,000	\$58,614,000
San Antonio	San Antonio International	\$1,091,587,000	\$968,734,000	\$2,060,321,000
Texarkana, AR	Texarkana Regional Airport-Webb Field	\$9,657,000	\$7,666,000	\$17,323,000
Tyler	Tyler Pounds Regional	\$44,506,000	\$35,959,000	\$80,465,000
Waco	Waco Regional	\$35,783,000	\$29,221,000	\$65,004,000
Wichita Falls	Sheppard AFB/Wichita Falls Municipal	\$14,004,000	\$12,480,000	\$26,484,000
Commercial Service Airports Total		\$23,942,393,000	\$21,162,332,000	\$45,104,725,000
<i>General Aviation Airports</i>				
Albany	Albany Municipal	\$172,000	\$147,000	\$319,000
Alice	Alice International	\$898,000	\$703,000	\$1,601,000
Alpine	Alpine-Casparis Municipal	\$5,607,000	\$4,915,000	\$10,522,000
Amarillo	Tradewind	\$880,000	\$804,000	\$1,684,000

Table A-12: On-Airport Output from Texas Airports (cont.)

Associated City	Airport Name	Direct On-Airport Output	Multiplier On-Airport Output	Total On-Airport Output
Anahuac	Chambers County	\$506,000	\$436,000	\$942,000
Andrews	Andrews County	\$676,000	\$566,000	\$1,242,000
Angleton/Lake Jackson	Texas Gulf Coast Regional	\$6,875,000	\$5,951,000	\$12,826,000
Arlington	Arlington Municipal	\$115,004,000	\$101,188,000	\$216,192,000
Athens	Athens Municipal	\$1,096,000	\$853,000	\$1,949,000
Atlanta	Hall-Miller Municipal	\$69,000	\$63,000	\$132,000
Ballinger	Bruce Field	\$69,000	\$63,000	\$132,000
Bay City	Bay City Regional	\$1,232,000	\$1,000,000	\$2,232,000
Beaumont	Beaumont Municipal	\$941,000	\$749,000	\$1,690,000
Beeville	Beeville Municipal	\$274,000	\$221,000	\$495,000
Big Lake	Reagan County	\$69,000	\$63,000	\$132,000
Big Spring	Big Spring Mc Mahon-Wrinkle	\$7,243,000	\$5,766,000	\$13,009,000
Bonham	Jones Field	\$781,000	\$606,000	\$1,387,000
Borger	Hutchinson County	\$6,616,000	\$5,176,000	\$11,792,000
Bowie	Bowie Municipal	\$233,000	\$214,000	\$447,000
Brady	Curtis Field	\$750,000	\$653,000	\$1,403,000
Breckenridge	Stephens County	\$3,652,000	\$2,828,000	\$6,480,000
Brenham	Brenham Municipal	\$2,519,000	\$1,957,000	\$4,476,000
Bridgeport	Bridgeport Municipal	\$380,000	\$293,000	\$673,000
Brownfield	Terry County	\$648,000	\$528,000	\$1,176,000
Brownwood	Brownwood Regional	\$4,597,000	\$3,694,000	\$8,291,000
Bryan	Coulter Field	\$4,039,000	\$3,181,000	\$7,220,000
Burnet	Burnet Municipal Kate Craddock Field	\$2,570,000	\$2,071,000	\$4,641,000
Caddo Mills	Caddo Mills Municipal	\$479,000	\$375,000	\$854,000
Caldwell	Caldwell Municipal	\$274,000	\$221,000	\$495,000
Cameron	Cameron Municipal Airpark	\$31,000	\$28,000	\$59,000
Canadian	Hemphill County	\$395,000	\$314,000	\$709,000
Carrizo Springs	Dimmit County	\$3,444,000	\$2,653,000	\$6,097,000
Carthage	Panola County-Sharpe Field	\$138,000	\$126,000	\$264,000
Castroville	Castroville Municipal	\$1,652,000	\$1,320,000	\$2,972,000
Center	Center Municipal	\$82,000	\$74,000	\$156,000
Childress	Childress Municipal	\$2,408,000	\$1,872,000	\$4,280,000
Cisco	Cisco Municipal	\$15,000	\$13,000	\$28,000
Clarksville	Clarksville/Red River County-J D Trissell Field	\$77,000	\$61,000	\$138,000
Cleburne	Cleburne Regional	\$3,845,000	\$3,134,000	\$6,979,000
Cleveland	Cleveland Municipal	\$343,000	\$285,000	\$628,000
Clifton	Clifton Municipal/Isenhower Field	\$863,000	\$666,000	\$1,529,000
Coleman	Coleman Municipal	\$321,000	\$293,000	\$614,000
Colorado City	Colorado City	\$390,000	\$300,000	\$690,000
Columbus	Robert R Wells Jr.	\$51,000	\$47,000	\$98,000

Table A-12: On-Airport Output from Texas Airports (cont.)

Associated City	Airport Name	Direct On-Airport Output	Multiplier On-Airport Output	Total On-Airport Output
Comanche	Comanche County-City	\$69,000	\$63,000	\$132,000
Commerce	Commerce Municipal	\$274,000	\$221,000	\$495,000
Corsicana	C David Campbell Field-Corsicana Municipal	\$658,000	\$521,000	\$1,179,000
Cotulla	Cotulla-La Salle County	\$906,000	\$701,000	\$1,607,000
Crane	Crane County	\$12,000	\$11,000	\$23,000
Crockett	Houston County	\$69,000	\$63,000	\$132,000
Crosbyton	Crosbyton Municipal	\$977,000	\$753,000	\$1,730,000
Dalhart	Dalhart Municipal	\$2,254,000	\$1,834,000	\$4,088,000
Dallas	Addison	\$233,041,000	\$183,289,000	\$416,330,000
Dallas	Dallas CBD Vertiport	\$312,000	\$286,000	\$598,000
Dallas	Dallas Executive	\$17,059,000	\$14,275,000	\$31,334,000
McKinney	McKinney National	\$85,948,000	\$67,661,000	\$153,609,000
Decatur	Decatur Municipal	\$4,585,000	\$3,541,000	\$8,126,000
Del Rio	Del Rio International	\$8,594,000	\$7,117,000	\$15,711,000
Dell City	Dell City Municipal	\$177,000	\$136,000	\$313,000
Denton	Denton Enterprise	\$70,317,000	\$54,324,000	\$124,641,000
Denver City	Denver City	\$20,000	\$18,000	\$38,000
Desoto	Desoto Heliport	\$3,935,000	\$3,073,000	\$7,008,000
Devine	Devine Municipal	\$1,256,000	\$971,000	\$2,227,000
Dimmitt	Dimmitt Municipal	\$246,000	\$199,000	\$445,000
Dryden	Terrell County	\$229,000	\$180,000	\$409,000
Dublin	Dublin Municipal	\$227,000	\$178,000	\$405,000
Dumas	Moore County	\$2,447,000	\$2,175,000	\$4,622,000
Eagle Lake	Eagle Lake	\$2,611,000	\$2,033,000	\$4,644,000
Eagle Pass	Maverick County Memorial International	\$515,000	\$426,000	\$941,000
Eastland	Eastland Municipal	\$1,224,000	\$950,000	\$2,174,000
Edinburg	South Texas International at Edinburg	\$2,512,000	\$2,292,000	\$4,804,000
Edna	Jackson County	\$225,000	\$177,000	\$402,000
Ennis	Ennis Municipal	\$978,000	\$773,000	\$1,751,000
Fabens	Fabens	\$386,000	\$301,000	\$687,000
Falfurrias	Brooks County	\$50,000	\$46,000	\$96,000
Floydada	Floydada Municipal	\$1,296,000	\$998,000	\$2,294,000
Fort Stockton	Fort Stockton-Pecos County	\$709,000	\$548,000	\$1,257,000
Fort Worth	Fort Worth Alliance	\$261,931,000	\$202,573,000	\$464,504,000
Fort Worth	Fort Worth Meacham International	\$141,703,000	\$110,005,000	\$251,708,000
Fort Worth	Fort Worth Spinks	\$16,980,000	\$13,165,000	\$30,145,000
Fredericksburg	Gillespie County	\$5,967,000	\$5,064,000	\$11,031,000
Gainesville	Gainesville Municipal	\$91,298,000	\$70,274,000	\$161,572,000
Galveston	Scholes International at Galveston	\$19,712,000	\$15,690,000	\$35,402,000
Garland	Garland/DFW Heloplex	\$6,856,000	\$5,326,000	\$12,182,000
Gatesville	Gatesville Municipal	\$634,000	\$489,000	\$1,123,000

Table A-12: On-Airport Output from Texas Airports (cont.)

Associated City	Airport Name	Direct On-Airport Output	Multiplier On-Airport Output	Total On-Airport Output
George West	Live Oak County	\$69,000	\$63,000	\$132,000
Georgetown	Georgetown Municipal	\$20,010,000	\$15,828,000	\$35,838,000
Giddings	Giddings-Lee County	\$437,000	\$346,000	\$783,000
Gilmer	Fox Stephens Field-Gilmer Municipal	\$629,000	\$488,000	\$1,117,000
Gladewater	Gladewater Municipal	\$388,000	\$303,000	\$691,000
Gonzales	Roger M. Dreyer Memorial	\$69,000	\$63,000	\$132,000
Graford	Possum Kingdom	\$15,000	\$13,000	\$28,000
Graham	Graham Municipal	\$909,000	\$756,000	\$1,665,000
Granbury	Granbury Regional	\$9,593,000	\$7,527,000	\$17,120,000
Grand Prairie	Grand Prairie Municipal	\$198,028,000	\$152,691,000	\$350,719,000
Greenville	Majors	\$2,083,652,000	\$1,901,318,000	\$3,984,970,000
Gruver	Gruver Municipal	\$1,067,000	\$821,000	\$1,888,000
Hallettsville	Hallettsville Municipal	\$149,000	\$129,000	\$278,000
Hamilton	Hamilton Municipal	\$103,000	\$94,000	\$197,000
Haskell	Haskell Municipal	\$581,000	\$454,000	\$1,035,000
Hearne	Hearne Municipal	\$777,000	\$608,000	\$1,385,000
Hebbronville	Jim Hogg County	\$138,000	\$126,000	\$264,000
Henderson	Rusk County	\$636,000	\$576,000	\$1,212,000
Hereford	Hereford Municipal	\$1,732,000	\$1,362,000	\$3,094,000
Hillsboro	Hillsboro Municipal	\$1,675,000	\$1,323,000	\$2,998,000
Hondo	South Texas Regional at Hondo	\$5,628,000	\$4,448,000	\$10,076,000
Houston	Conroe-North Houston Regional	\$59,217,000	\$49,933,000	\$109,150,000
Houston	David Wayne Hooks Memorial	\$37,979,000	\$30,580,000	\$68,559,000
Houston	Ellington Field	\$135,723,000	\$123,107,000	\$258,830,000
Houston	Houston-Southwest	\$4,664,000	\$3,674,000	\$8,338,000
Houston	Pearland Regional	\$7,633,000	\$6,050,000	\$13,683,000
Houston	Sugar Land Regional	\$39,803,000	\$32,083,000	\$71,886,000
Houston	West Houston	\$7,841,000	\$6,841,000	\$14,682,000
Huntsville	Huntsville Municipal	\$624,000	\$491,000	\$1,115,000
Ingleside	McC Campbell-Porter	\$2,802,000	\$2,242,000	\$5,044,000
Jacksboro	Jacksboro Municipal	\$178,000	\$146,000	\$324,000
Jacksonville	Cherokee County	\$4,679,000	\$3,671,000	\$8,350,000
Jasper	Jasper County-Bell Field	\$274,000	\$221,000	\$495,000
Jayton	Kent County	\$5,000	\$4,000	\$9,000
Jefferson	Cypress River	\$69,000	\$63,000	\$132,000
Junction	Kimble County	\$286,000	\$245,000	\$531,000
Kenedy	Karnes County	\$207,000	\$189,000	\$396,000
Kerrville	Kerrville Municipal/Louis Schreiner Field	\$13,944,000	\$10,784,000	\$24,728,000
Killeen	Skylark Field	\$1,659,000	\$1,339,000	\$2,998,000
Kingsville	Kleberg County	\$513,000	\$399,000	\$912,000
Kirbyville	Kirbyville	\$133,000	\$106,000	\$239,000

Table A-12: On-Airport Output from Texas Airports (cont.)

Associated City	Airport Name	Direct On-Airport Output	Multiplier On-Airport Output	Total On-Airport Output
Knox City	Harrison Field of Knox City	\$710,000	\$547,000	\$1,257,000
Kountze/Silsbee	Hawthorne Field	\$336,000	\$263,000	\$599,000
La Grange	Fayette Regional Air Center	\$866,000	\$680,000	\$1,546,000
La Porte	La Porte Municipal	\$4,429,000	\$3,425,000	\$7,854,000
Lago Vista	Lago Vista TX-Rusty Allen	\$1,529,000	\$1,255,000	\$2,784,000
Lamesa	Lamesa Municipal	\$2,204,000	\$1,702,000	\$3,906,000
Lampasas	Lampasas	\$135,000	\$124,000	\$259,000
Lancaster	Lancaster Regional	\$2,272,000	\$1,893,000	\$4,165,000
Levelland	Levelland Municipal	\$2,404,000	\$1,918,000	\$4,322,000
Liberty	Liberty Municipal	\$69,000	\$63,000	\$132,000
Littlefield	Taylor Brown Municipal	\$894,000	\$697,000	\$1,591,000
Livingston	Livingston Municipal	\$274,000	\$221,000	\$495,000
Llano	Llano Municipal	\$556,000	\$484,000	\$1,040,000
Lockhart	Lockhart Municipal	\$557,000	\$459,000	\$1,016,000
Lufkin	Angelina County	\$9,830,000	\$7,959,000	\$17,789,000
Madisonville	Madisonville Municipal	\$387,000	\$301,000	\$688,000
Marfa	Marfa Municipal	\$432,000	\$353,000	\$785,000
Marshall	Harrison County	\$336,000	\$259,000	\$595,000
Mason	Mason County	\$85,000	\$78,000	\$163,000
Mc Camey	Upton County	\$54,000	\$49,000	\$103,000
Mesquite	Mesquite Metro	\$6,369,000	\$5,265,000	\$11,634,000
Mexia	Mexia-Limestone County	\$5,317,000	\$4,101,000	\$9,418,000
Midland	Midland Airpark	\$7,094,000	\$5,457,000	\$12,551,000
Midlothian/Waxahachie	Mid-Way Regional	\$8,789,000	\$7,139,000	\$15,928,000
Mineola/Quitman	Wood County	\$377,000	\$300,000	\$677,000
Mineral Wells	Mineral Wells	\$42,768,000	\$33,025,000	\$75,793,000
Monahans	Roy Hurd Memorial	\$1,347,000	\$1,039,000	\$2,386,000
Mount Pleasant	Mount Pleasant Regional	\$1,993,000	\$1,659,000	\$3,652,000
Mount Vernon	Franklin County	\$10,000	\$9,000	\$19,000
Muleshoe	Muleshoe Municipal	\$69,000	\$63,000	\$132,000
Munday	Munday Municipal	\$531,000	\$409,000	\$940,000
Nacogdoches	A L Mangham Jr. Regional	\$287,000	\$230,000	\$517,000
Navasota	Navasota Municipal	\$253,000	\$202,000	\$455,000
New Braunfels	New Braunfels Regional	\$11,435,000	\$9,170,000	\$20,605,000
Odessa	Odessa-Schlemeyer Field	\$3,561,000	\$2,833,000	\$6,394,000
Olney	Olney Municipal	\$81,132,000	\$62,431,000	\$143,563,000
Orange	Orange County	\$669,000	\$535,000	\$1,204,000
Ozona	Ozona Municipal	\$274,000	\$221,000	\$495,000
Paducah	Dan E Richards Municipal	\$889,000	\$685,000	\$1,574,000
Palacios	Palacios Municipal	\$52,000	\$47,000	\$99,000
Palestine	Palestine Municipal	\$274,000	\$221,000	\$495,000
Pampa	Perry Lefors Field	\$480,000	\$379,000	\$859,000
Panhandle	Panhandle-Carson County	\$911,000	\$705,000	\$1,616,000
Paris	Cox Field	\$1,971,000	\$1,521,000	\$3,492,000
Pearsall	Mc Kinley Field	\$413,000	\$347,000	\$760,000
Pecos	Pecos Municipal	\$1,011,000	\$863,000	\$1,874,000

Table A-12: On-Airport Output from Texas Airports (cont.)

Associated City	Airport Name	Direct On-Airport Output	Multiplier On-Airport Output	Total On-Airport Output
Perryton	Perryton Ochiltree County	\$1,835,000	\$1,420,000	\$3,255,000
Plains	Yoakum County	\$887,000	\$687,000	\$1,574,000
Plainview	Hale County	\$6,095,000	\$4,697,000	\$10,792,000
Pleasanton	Pleasanton Municipal	\$201,000	\$163,000	\$364,000
Port Aransas	Mustang Beach	\$69,000	\$63,000	\$132,000
Port Isabel	Port Isabel-Cameron County	\$967,000	\$750,000	\$1,717,000
Port Lavaca	Calhoun County	\$1,577,000	\$1,246,000	\$2,823,000
Port Mansfield	Charles R Johnson	\$69,000	\$63,000	\$132,000
Presidio	Presidio Lely International	\$48,000	\$43,000	\$91,000
Quanah	Quanah Municipal	\$598,000	\$469,000	\$1,067,000
Refugio	Rooke Field	\$331,000	\$272,000	\$603,000
Roanoke	Northwest Regional	\$10,394,000	\$8,047,000	\$18,441,000
Robstown	Nueces County	\$392,000	\$311,000	\$703,000
Rockdale	H H Coffield Regional	\$69,000	\$63,000	\$132,000
Rockport	Aransas County	\$3,327,000	\$2,677,000	\$6,004,000
Rocksprings	Edwards County	\$8,000	\$6,000	\$14,000
Rockwall	Ralph M Hall/Rockwall Municipal	\$764,000	\$594,000	\$1,358,000
San Antonio	Stinson Municipal	\$9,633,000	\$7,962,000	\$17,595,000
San Marcos	San Marcos Regional	\$38,791,000	\$29,905,000	\$68,696,000
San Saba	San Saba County Municipal	\$7,000	\$6,000	\$13,000
Seminole	Gaines County	\$343,000	\$285,000	\$628,000
Seymour	Seymour Municipal	\$364,000	\$282,000	\$646,000
Sherman	Sherman Municipal	\$464,000	\$377,000	\$841,000
Sherman/Denison	North Texas Regional/Perrin Field	\$9,160,000	\$7,252,000	\$16,412,000
Sinton	Alfred C 'Bubba' Thomas	\$929,000	\$724,000	\$1,653,000
Slaton	Slaton Municipal	\$949,000	\$739,000	\$1,688,000
Smithville	Smithville Crawford Municipal	\$941,000	\$730,000	\$1,671,000
Snyder	Winston Field	\$2,261,000	\$1,809,000	\$4,070,000
Sonora	Sonora Municipal	\$58,000	\$52,000	\$110,000
Spearman	Major Samuel B Cornelius Field	\$69,000	\$63,000	\$132,000
Stamford	Arledge Field	\$423,000	\$335,000	\$758,000
Stephenville	Stephenville Clark Regional	\$1,256,000	\$981,000	\$2,237,000
Sulphur Springs	Sulphur Springs Municipal	\$4,620,000	\$3,626,000	\$8,246,000
Sunray	Sunray	\$1,519,000	\$1,171,000	\$2,690,000
Sweetwater	Avenger Field	\$757,000	\$661,000	\$1,418,000
Tahoka	T-Bar	\$89,000	\$69,000	\$158,000
Taylor	Taylor Municipal	\$2,154,000	\$1,713,000	\$3,867,000
Temple	Draughon-Miller Central Texas Regional	\$12,476,000	\$9,922,000	\$22,398,000
Terrell	Terrell Municipal	\$1,334,000	\$1,098,000	\$2,432,000

Table A-12: On-Airport Output from Texas Airports (cont.)

Associated City	Airport Name	Direct On-Airport Output	Multiplier On-Airport Output	Total On-Airport Output
Throckmorton	Throckmorton Municipal	\$7,000	\$6,000	\$13,000
Tulia	City of Tulia/Swisher County Municipal	\$69,000	\$63,000	\$132,000
Uvalde	Garner Field	\$21,634,000	\$17,367,000	\$39,001,000
Van Horn	Culberson County	\$480,000	\$379,000	\$859,000
Vega	Oldham County	\$69,000	\$63,000	\$132,000
Vernon	Wilbarger County	\$1,217,000	\$989,000	\$2,206,000
Victoria	Victoria Regional	\$19,123,000	\$15,631,000	\$34,754,000
McGregor	Mc Gregor Executive	\$9,318,000	\$7,199,000	\$16,517,000
Waco	TSTC Waco	\$292,847,000	\$227,286,000	\$520,133,000
Wellington	Marian Airpark	\$69,000	\$63,000	\$132,000
Weslaco	Mid Valley	\$980,000	\$823,000	\$1,803,000
Wharton	Wharton Regional	\$1,507,000	\$1,201,000	\$2,708,000
Wheeler	Wheeler Municipal	\$69,000	\$63,000	\$132,000
Wichita Falls	Kickapoo Downtown	\$2,715,000	\$2,292,000	\$5,007,000
Wills Point	Van Zandt County Regional	\$85,000	\$70,000	\$155,000
Wink	Winkler County	\$274,000	\$221,000	\$495,000
Winnie/Stowell	Chambers County-Winnie Stowell	\$7,383,000	\$5,727,000	\$13,110,000
Winnsboro	Winnsboro Municipal	\$35,000	\$32,000	\$67,000
Winters	Winters Municipal	\$15,000	\$13,000	\$28,000
Zapata	Zapata County	\$151,000	\$138,000	\$289,000
Other Airports		\$306,000	\$270,000	\$576,000
General Aviation Airports Total		\$4,498,137,000	\$3,823,511,000	\$8,321,648,000
All Airports Total		\$28,440,530,000	\$24,985,843,000	\$53,426,373,000

Source: CDM Smith and IMPLAN.

Table A-13: Construction Output from Texas Airports

Associated City	Airport Name	Direct Construction Output	Multiplier Construction Output	Total Construction Output
<i>Commercial Service Airports</i>				
Abilene	Abilene Regional	\$16,941,000	\$16,023,000	\$32,964,000
Amarillo	Rick Husband Amarillo International	\$13,415,000	\$12,688,000	\$26,103,000
Austin	Austin-Bergstrom International	\$60,763,000	\$57,473,000	\$118,236,000
Beaumont/Port Arthur	Jack Brooks Regional	\$3,469,000	\$3,281,000	\$6,750,000
Brownsville	Brownsville/South Padre Island International	\$14,306,000	\$13,532,000	\$27,838,000
College Station	Easterwood Field	\$7,342,000	\$6,944,000	\$14,286,000
Corpus Christi	Corpus Christi International	\$57,881,000	\$54,747,000	\$112,628,000
Dallas	Dallas Love Field	\$26,421,000	\$24,991,000	\$51,412,000
Dallas-Fort Worth	Dallas/Fort Worth International	\$511,775,000	\$484,066,000	\$995,841,000
El Paso	El Paso International	\$35,996,000	\$34,048,000	\$70,044,000
Fort Hood (Killeen)	Killeen-Fort Hood Regional	\$3,294,000	\$3,116,000	\$6,410,000
Harlingen	Valley International	\$9,462,000	\$8,950,000	\$18,412,000
Houston	George Bush Intercontinental/Houston	\$101,474,000	\$95,979,000	\$197,453,000
Houston	William P Hobby	\$84,680,000	\$80,096,000	\$164,776,000
Laredo	Laredo International	\$14,857,000	\$14,052,000	\$28,909,000
Longview	East Texas Regional	\$9,623,000	\$9,102,000	\$18,725,000
Lubbock	Lubbock Preston Smith International	\$18,144,000	\$17,161,000	\$35,305,000
Mc Allen	Mc Allen Miller International	\$15,195,000	\$14,372,000	\$29,567,000
Midland	Midland International Air and Space Port	\$29,635,000	\$28,031,000	\$57,666,000
San Angelo	San Angelo Regional/Mathis Field	\$7,476,000	\$7,072,000	\$14,548,000
San Antonio	San Antonio International	\$61,374,000	\$58,051,000	\$119,425,000
Texarkana, AR	Texarkana Regional Airport-Webb Field	\$3,625,000	\$2,613,000	\$6,238,000
Tyler	Tyler Pounds Regional	\$12,309,000	\$11,643,000	\$23,952,000
Waco	Waco Regional	\$7,173,000	\$6,784,000	\$13,957,000
Wichita Falls	Sheppard AFB/Wichita Falls Municipal	\$4,146,000	\$3,922,000	\$8,068,000
Commercial Service Airports Total		\$1,130,776,000	\$1,068,737,000	\$2,199,513,000
<i>General Aviation Airports</i>				
Albany	Albany Municipal	\$63,000	\$60,000	\$123,000
Alice	Alice International	\$1,163,000	\$1,099,000	\$2,262,000
Alpine	Alpine-Casparis Municipal	\$1,088,000	\$1,028,000	\$2,116,000
Amarillo	Tradewind	\$0	\$0	\$0

Table A-13: Construction Output from Texas Airports (cont.)

Associated City	Airport Name	Direct Construction Output	Multiplier Construction Output	Total Construction Output
Anahuac	Chambers County	\$145,000	\$138,000	\$283,000
Andrews	Andrews County	\$87,000	\$82,000	\$169,000
Angleton/Lake Jackson	Texas Gulf Coast Regional	\$152,000	\$143,000	\$295,000
Arlington	Arlington Municipal	\$4,987,000	\$4,717,000	\$9,704,000
Athens	Athens Municipal	\$102,000	\$96,000	\$198,000
Atlanta	Hall-Miller Municipal	\$4,000	\$4,000	\$8,000
Ballinger	Bruce Field	\$0	\$0	\$0
Bay City	Bay City Regional	\$242,000	\$229,000	\$471,000
Beaumont	Beaumont Municipal	\$1,685,000	\$1,593,000	\$3,278,000
Beeville	Beeville Municipal	\$21,000	\$21,000	\$42,000
Big Lake	Reagan County	\$17,000	\$16,000	\$33,000
Big Spring	Big Spring Mc Mahon-Wrinkle	\$984,000	\$932,000	\$1,916,000
Bonham	Jones Field	\$243,000	\$231,000	\$474,000
Borger	Hutchinson County	\$99,000	\$94,000	\$193,000
Bowie	Bowie Municipal	\$22,000	\$20,000	\$42,000
Brady	Curtis Field	\$60,000	\$57,000	\$117,000
Breckenridge	Stephens County	\$170,000	\$160,000	\$330,000
Brenham	Brenham Municipal	\$434,000	\$411,000	\$845,000
Bridgeport	Bridgeport Municipal	\$47,000	\$44,000	\$91,000
Brownfield	Terry County	\$181,000	\$171,000	\$352,000
Brownwood	Brownwood Regional	\$227,000	\$214,000	\$441,000
Bryan	Coulter Field	\$1,937,000	\$1,833,000	\$3,770,000
Burnet	Burnet Municipal Kate Craddock Field	\$217,000	\$206,000	\$423,000
Caddo Mills	Caddo Mills Municipal	\$61,000	\$57,000	\$118,000
Caldwell	Caldwell Municipal	\$43,000	\$40,000	\$83,000
Cameron	Cameron Municipal Airpark	\$3,000	\$3,000	\$6,000
Canadian	Hemphill County	\$22,000	\$21,000	\$43,000
Carrizo Springs	Dimmit County	\$78,000	\$73,000	\$151,000
Carthage	Panola County-Sharpe Field	\$19,000	\$17,000	\$36,000
Castroville	Castroville Municipal	\$227,000	\$215,000	\$442,000
Center	Center Municipal	\$111,000	\$105,000	\$216,000
Childress	Childress Municipal	\$194,000	\$184,000	\$378,000
Cisco	Cisco Municipal	\$0	\$0	\$0
Clarksville	Clarksville/Red River County-J D Trissell Field	\$18,000	\$18,000	\$36,000
Cleburne	Cleburne Regional	\$567,000	\$537,000	\$1,104,000
Cleveland	Cleveland Municipal	\$381,000	\$361,000	\$742,000
Clifton	Clifton Municipal/Isenhower Field	\$153,000	\$145,000	\$298,000
Coleman	Coleman Municipal	\$1,000	\$1,000	\$2,000
Colorado City	Colorado City	\$96,000	\$91,000	\$187,000
Columbus	Robert R Wells Jr.	\$7,000	\$7,000	\$14,000
Comanche	Comanche County-City	\$0	\$0	\$0

Table A-13: Construction Output from Texas Airports (cont.)

Associated City	Airport Name	Direct Construction Output	Multiplier Construction Output	Total Construction Output
Commerce	Commerce Municipal	\$708,000	\$670,000	\$1,378,000
Corsicana	C David Campbell Field-Corsicana Municipal	\$82,000	\$78,000	\$160,000
Cotulla	Cotulla-La Salle County	\$53,000	\$51,000	\$104,000
Crane	Crane County	\$22,000	\$21,000	\$43,000
Crockett	Houston County	\$4,000	\$3,000	\$7,000
Crosbyton	Crosbyton Municipal	\$165,000	\$155,000	\$320,000
Dalhart	Dalhart Municipal	\$270,000	\$255,000	\$525,000
Dallas	Addison	\$15,581,000	\$14,737,000	\$30,318,000
Dallas	Dallas CBD Vertiport	\$0	\$0	\$0
Dallas	Dallas Executive	\$8,936,000	\$8,453,000	\$17,389,000
McKinney	McKinney National	\$26,119,000	\$24,706,000	\$50,825,000
Decatur	Decatur Municipal	\$146,000	\$139,000	\$285,000
Del Rio	Del Rio International	\$1,507,000	\$1,426,000	\$2,933,000
Dell City	Dell City Municipal	\$31,000	\$29,000	\$60,000
Denton	Denton Enterprise	\$7,638,000	\$7,224,000	\$14,862,000
Denver City	Denver City	\$4,000	\$3,000	\$7,000
Desoto	Desoto Heliport	\$40,000	\$38,000	\$78,000
Devine	Devine Municipal	\$78,000	\$75,000	\$153,000
Dimmitt	Dimmitt Municipal	\$31,000	\$29,000	\$60,000
Dryden	Terrell County	\$20,000	\$18,000	\$38,000
Dublin	Dublin Municipal	\$59,000	\$56,000	\$115,000
Dumas	Moore County	\$897,000	\$849,000	\$1,746,000
Eagle Lake	Eagle Lake	\$316,000	\$298,000	\$614,000
Eagle Pass	Maverick County Memorial International	\$22,000	\$21,000	\$43,000
Eastland	Eastland Municipal	\$1,103,000	\$1,044,000	\$2,147,000
Edinburg	South Texas International at Edinburg	\$2,635,000	\$2,493,000	\$5,128,000
Edna	Jackson County	\$19,000	\$19,000	\$38,000
Ennis	Ennis Municipal	\$157,000	\$148,000	\$305,000
Fabens	Fabens	\$77,000	\$73,000	\$150,000
Falfurrias	Brooks County	\$500,000	\$473,000	\$973,000
Floydada	Floydada Municipal	\$181,000	\$171,000	\$352,000
Fort Stockton	Fort Stockton-Pecos County	\$103,000	\$98,000	\$201,000
Fort Worth	Fort Worth Alliance	\$20,617,000	\$19,500,000	\$40,117,000
Fort Worth	Fort Worth Meacham International	\$30,741,000	\$29,076,000	\$59,817,000
Fort Worth	Fort Worth Spinks	\$1,545,000	\$1,461,000	\$3,006,000
Fredericksburg	Gillespie County	\$994,000	\$941,000	\$1,935,000
Gainesville	Gainesville Municipal	\$5,442,000	\$5,147,000	\$10,589,000
Galveston	Scholes International at Galveston	\$913,000	\$863,000	\$1,776,000
Garland	Garland/DFW Heloplex	\$1,382,000	\$1,307,000	\$2,689,000
Gatesville	Gatesville Municipal	\$157,000	\$148,000	\$305,000
George West	Live Oak County	\$443,000	\$418,000	\$861,000
Georgetown	Georgetown Municipal	\$4,440,000	\$4,200,000	\$8,640,000

Table A-13: Construction Output from Texas Airports (cont.)

Associated City	Airport Name	Direct Construction Output	Multiplier Construction Output	Total Construction Output
Giddings	Giddings-Lee County	\$52,000	\$49,000	\$101,000
Gilmer	Fox Stephens Field-Gilmer Municipal	\$90,000	\$86,000	\$176,000
Gladewater	Gladewater Municipal	\$116,000	\$109,000	\$225,000
Gonzales	Roger M. Dreyer Memorial	\$0	\$0	\$0
Graford	Poosum Kingdom	\$0	\$0	\$0
Graham	Graham Municipal	\$82,000	\$77,000	\$159,000
Granbury	Granbury Regional	\$231,000	\$218,000	\$449,000
Grand Prairie	Grand Prairie Municipal	\$2,658,000	\$2,515,000	\$5,173,000
Greenville	Majors	\$50,244,000	\$47,524,000	\$97,768,000
Gruver	Gruver Municipal	\$181,000	\$171,000	\$352,000
Hallettsville	Hallettsville Municipal	\$32,000	\$30,000	\$62,000
Hamilton	Hamilton Municipal	\$56,000	\$52,000	\$108,000
Haskell	Haskell Municipal	\$115,000	\$108,000	\$223,000
Hearne	Hearne Municipal	\$120,000	\$113,000	\$233,000
Hebbronville	Jim Hogg County	\$56,000	\$53,000	\$109,000
Henderson	Rusk County	\$192,000	\$181,000	\$373,000
Hereford	Hereford Municipal	\$247,000	\$233,000	\$480,000
Hillsboro	Hillsboro Municipal	\$347,000	\$329,000	\$676,000
Hondo	South Texas Regional at Hondo	\$513,000	\$485,000	\$998,000
Houston	Conroe-North Houston Regional	\$9,370,000	\$8,863,000	\$18,233,000
Houston	David Wayne Hooks Memorial	\$4,435,000	\$4,195,000	\$8,630,000
Houston	Ellington Field	\$29,620,000	\$28,017,000	\$57,637,000
Houston	Houston-Southwest	\$1,500,000	\$1,419,000	\$2,919,000
Houston	Pearland Regional	\$334,000	\$316,000	\$650,000
Houston	Sugar Land Regional	\$5,405,000	\$5,113,000	\$10,518,000
Houston	West Houston	\$133,000	\$125,000	\$258,000
Huntsville	Huntsville Municipal	\$63,000	\$59,000	\$122,000
Ingleside	McC Campbell-Porter	\$6,320,000	\$5,978,000	\$12,298,000
Jacksboro	Jacksboro Municipal	\$5,000	\$5,000	\$10,000
Jacksonville	Cherokee County	\$664,000	\$627,000	\$1,291,000
Jasper	Jasper County-Bell Field	\$31,000	\$29,000	\$60,000
Jayton	Kent County	\$64,000	\$61,000	\$125,000
Jefferson	Cypress River	\$27,000	\$25,000	\$52,000
Junction	Kimble County	\$685,000	\$647,000	\$1,332,000
Kenedy	Karnes County	\$6,000	\$5,000	\$11,000
Kerrville	Kerrville Municipal/Louis Schreiner Field	\$1,443,000	\$1,365,000	\$2,808,000
Killeen	Skylark Field	\$286,000	\$270,000	\$556,000
Kingsville	Kleberg County	\$1,800,000	\$1,702,000	\$3,502,000
Kirbyville	Kirbyville	\$47,000	\$45,000	\$92,000
Knox City	Harrison Field of Knox City	\$120,000	\$113,000	\$233,000
Kountze/Silsbee	Hawthorne Field	\$22,000	\$21,000	\$43,000

Table A-13: Construction Output from Texas Airports (cont.)

Associated City	Airport Name	Direct Construction Output	Multiplier Construction Output	Total Construction Output
La Grange	Fayette Regional Air Center	\$168,000	\$160,000	\$328,000
La Porte	La Porte Municipal	\$357,000	\$337,000	\$694,000
Lago Vista	Lago Vista TX-Rusty Allen	\$270,000	\$256,000	\$526,000
Lamesa	Lamesa Municipal	\$897,000	\$849,000	\$1,746,000
Lampasas	Lampasas	\$9,000	\$8,000	\$17,000
Lancaster	Lancaster Regional	\$714,000	\$676,000	\$1,390,000
Levelland	Levelland Municipal	\$88,000	\$83,000	\$171,000
Liberty	Liberty Municipal	\$7,000	\$6,000	\$13,000
Littlefield	Taylor Brown Municipal	\$120,000	\$113,000	\$233,000
Livingston	Livingston Municipal	\$15,000	\$14,000	\$29,000
Llano	Llano Municipal	\$403,000	\$381,000	\$784,000
Lockhart	Lockhart Municipal	\$34,000	\$33,000	\$67,000
Lufkin	Angelina County	\$2,378,000	\$2,249,000	\$4,627,000
Madisonville	Madisonville Municipal	\$89,000	\$83,000	\$172,000
Marfa	Marfa Municipal	\$348,000	\$330,000	\$678,000
Marshall	Harrison County	\$54,000	\$51,000	\$105,000
Mason	Mason County	\$28,000	\$27,000	\$55,000
Mc Camey	Upton County	\$976,000	\$923,000	\$1,899,000
Mesquite	Mesquite Metro	\$2,175,000	\$2,057,000	\$4,232,000
Mexia	Mexia-Limestone County	\$450,000	\$425,000	\$875,000
Midland	Midland Airpark	\$618,000	\$584,000	\$1,202,000
Midlothian/Waxahachie	Mid-Way Regional	\$1,737,000	\$1,643,000	\$3,380,000
Mineola/Quitman	Wood County	\$88,000	\$83,000	\$171,000
Mineral Wells	Mineral Wells	\$740,000	\$700,000	\$1,440,000
Monahans	Roy Hurd Memorial	\$431,000	\$407,000	\$838,000
Mount Pleasant	Mount Pleasant Regional	\$532,000	\$504,000	\$1,036,000
Mount Vernon	Franklin County	\$193,000	\$182,000	\$375,000
Muleshoe	Muleshoe Municipal	\$0	\$0	\$0
Munday	Munday Municipal	\$90,000	\$85,000	\$175,000
Nacogdoches	A L Mangham Jr. Regional	\$43,000	\$40,000	\$83,000
Navasota	Navasota Municipal	\$40,000	\$39,000	\$79,000
New Braunfels	New Braunfels Regional	\$473,000	\$447,000	\$920,000
Odessa	Odessa-Schlemeyer Field	\$1,382,000	\$1,308,000	\$2,690,000
Olney	Olney Municipal	\$1,153,000	\$1,091,000	\$2,244,000
Orange	Orange County	\$84,000	\$80,000	\$164,000
Ozona	Ozona Municipal	\$42,000	\$40,000	\$82,000
Paducah	Dan E Richards Municipal	\$150,000	\$141,000	\$291,000
Palacios	Palacios Municipal	\$15,000	\$13,000	\$28,000
Palestine	Palestine Municipal	\$192,000	\$182,000	\$374,000
Pampa	Perry Lefors Field	\$30,000	\$28,000	\$58,000
Panhandle	Panhandle-Carson County	\$152,000	\$144,000	\$296,000
Paris	Cox Field	\$101,000	\$96,000	\$197,000
Pearsall	Mc Kinley Field	\$15,000	\$14,000	\$29,000
Pecos	Pecos Municipal	\$497,000	\$471,000	\$968,000
Perryton	Perryton Ochiltree County	\$511,000	\$482,000	\$993,000
Plains	Yoakum County	\$123,000	\$116,000	\$239,000

Table A-13: Construction Output from Texas Airports (cont.)

Associated City	Airport Name	Direct Construction Output	Multiplier Construction Output	Total Construction Output
Plainview	Hale County	\$1,244,000	\$1,176,000	\$2,420,000
Pleasanton	Pleasanton Municipal	\$32,000	\$30,000	\$62,000
Port Aransas	Mustang Beach	\$10,000	\$9,000	\$19,000
Port Isabel	Port Isabel-Cameron County	\$566,000	\$535,000	\$1,101,000
Port Lavaca	Calhoun County	\$158,000	\$149,000	\$307,000
Port Mansfield	Charles R Johnson	\$0	\$0	\$0
Presidio	Presidio Lely International	\$150,000	\$141,000	\$291,000
Quanah	Quanah Municipal	\$113,000	\$107,000	\$220,000
Refugio	Rooke Field	\$195,000	\$184,000	\$379,000
Roanoke	Northwest Regional	\$496,000	\$470,000	\$966,000
Robstown	Nueces County	\$234,000	\$221,000	\$455,000
Rockdale	H H Coffield Regional	\$0	\$0	\$0
Rockport	Aransas County	\$328,000	\$311,000	\$639,000
Rocksprings	Edwards County	\$38,000	\$36,000	\$74,000
Rockwall	Ralph M Hall/Rockwall Municipal	\$87,000	\$83,000	\$170,000
San Antonio	Stinson Municipal	\$5,587,000	\$5,284,000	\$10,871,000
San Marcos	San Marcos Regional	\$4,036,000	\$3,817,000	\$7,853,000
San Saba	San Saba County Municipal	\$3,000	\$3,000	\$6,000
Seminole	Gaines County	\$383,000	\$363,000	\$746,000
Seymour	Seymour Municipal	\$60,000	\$56,000	\$116,000
Sherman	Sherman Municipal	\$15,000	\$14,000	\$29,000
Sherman/Denison	North Texas Regional/Perrin Field	\$1,426,000	\$1,348,000	\$2,774,000
Sinton	Alfred C 'Bubba' Thomas	\$130,000	\$124,000	\$254,000
Slaton	Slaton Municipal	\$92,000	\$87,000	\$179,000
Smithville	Smithville Crawford Municipal	\$79,000	\$74,000	\$153,000
Snyder	Winston Field	\$53,000	\$49,000	\$102,000
Sonora	Sonora Municipal	\$6,000	\$5,000	\$11,000
Spearman	Major Samuel B Cornelius Field	\$26,000	\$24,000	\$50,000
Stamford	Arledge Field	\$60,000	\$56,000	\$116,000
Stephenville	Stephenville Clark Regional	\$1,268,000	\$1,199,000	\$2,467,000
Sulphur Springs	Sulphur Springs Municipal	\$1,570,000	\$1,485,000	\$3,055,000
Sunray	Sunray	\$254,000	\$241,000	\$495,000
Sweetwater	Avenger Field	\$132,000	\$125,000	\$257,000
Tahoka	T-Bar	\$15,000	\$14,000	\$29,000
Taylor	Taylor Municipal	\$1,027,000	\$971,000	\$1,998,000
Temple	Draughon-Miller Central Texas Regional	\$5,260,000	\$4,976,000	\$10,236,000
Terrell	Terrell Municipal	\$775,000	\$732,000	\$1,507,000
Throckmorton	Throckmorton Municipal	\$100,000	\$95,000	\$195,000
Tulia	City of Tulia/Swisher County Municipal	\$0	\$0	\$0

Table A-13: Construction Output from Texas Airports (cont.)

Associated City	Airport Name	Direct Construction Output	Multiplier Construction Output	Total Construction Output
Uvalde	Garner Field	\$2,253,000	\$2,132,000	\$4,385,000
Van Horn	Culberson County	\$32,000	\$30,000	\$62,000
Vega	Oldham County	\$2,000	\$2,000	\$4,000
Vernon	Wilbarger County	\$159,000	\$150,000	\$309,000
Victoria	Victoria Regional	\$1,510,000	\$1,428,000	\$2,938,000
McGregor	Mc Gregor Executive	\$2,758,000	\$2,609,000	\$5,367,000
Waco	TSTC Waco	\$12,033,000	\$11,382,000	\$23,415,000
Wellington	Marian Airpark	\$0	\$0	\$0
Weslaco	Mid Valley	\$135,000	\$127,000	\$262,000
Wharton	Wharton Regional	\$849,000	\$804,000	\$1,653,000
Wheeler	Wheeler Municipal	\$0	\$0	\$0
Wichita Falls	Kickapoo Downtown	\$1,523,000	\$1,440,000	\$2,963,000
Wills Point	Van Zandt County Regional	\$210,000	\$200,000	\$410,000
Wink	Winkler County	\$37,000	\$35,000	\$72,000
Winnie/Stowell	Chambers County-Winnie Stowell	\$1,234,000	\$1,168,000	\$2,402,000
Winnsboro	Winnsboro Municipal	\$8,000	\$7,000	\$15,000
Winters	Winters Municipal	\$0	\$0	\$0
Zapata	Zapata County	\$42,000	\$39,000	\$81,000
Other Airports		\$128,000	\$120,000	\$248,000
General Aviation Airports Total		\$336,181,000	\$317,969,000	\$654,150,000
All Airports Total		\$1,466,957,000	\$1,386,706,000	\$2,853,663,000

Source: CDM Smith and IMPLAN.

Table A-14: Commercial Service Visitor-Related Output from Texas Airports

Associated City	Airport Name	Direct CS Visitor-Related Output	Multiplier CS Visitor-Related Output	Total CS Visitor-Related Output
<i>Commercial Service Airports</i>				
Abilene	Abilene Regional	\$27,465,000	\$26,552,000	\$54,017,000
Amarillo	Rick Husband Amarillo International	\$270,555,000	\$261,564,000	\$532,119,000
Austin	Austin-Bergstrom International	\$2,267,173,000	\$2,191,835,000	\$4,459,008,000
Beaumont/Port Arthur	Jack Brooks Regional	\$6,986,000	\$6,753,000	\$13,739,000
Brownsville	Brownsville/South Padre Island International	\$30,370,000	\$29,361,000	\$59,731,000
College Station	Easterwood Field	\$33,154,000	\$32,053,000	\$65,207,000
Corpus Christi	Corpus Christi International	\$247,120,000	\$238,908,000	\$486,028,000
Dallas	Dallas Love Field	\$1,693,369,000	\$1,637,099,000	\$3,330,468,000
Dallas-Fort Worth	Dallas/Fort Worth International	\$6,172,841,000	\$5,967,720,000	\$12,140,561,000
El Paso	El Paso International	\$650,502,000	\$628,886,000	\$1,279,388,000
Fort Hood (Killeen)	Killeen-Fort Hood Regional	\$47,471,000	\$45,893,000	\$93,364,000
Harlingen	Valley International	\$121,036,000	\$117,013,000	\$238,049,000
Houston	George Bush Intercontinental/Houston	\$3,614,110,000	\$3,494,013,000	\$7,108,123,000
Houston	William P Hobby	\$1,385,521,000	\$1,339,480,000	\$2,725,001,000
Laredo	Laredo International	\$29,299,000	\$28,325,000	\$57,624,000
Longview	East Texas Regional	\$2,781,000	\$2,688,000	\$5,469,000
Lubbock	Lubbock Preston Smith International	\$179,267,000	\$173,311,000	\$352,578,000
Mc Allen	Mc Allen Miller International	\$238,132,000	\$230,220,000	\$468,352,000
Midland	Midland International Air and Space Port	\$307,354,000	\$297,140,000	\$604,494,000
San Angelo	San Angelo Regional/Mathis Field	\$19,370,000	\$18,726,000	\$38,096,000
San Antonio	San Antonio International	\$1,585,202,000	\$1,532,526,000	\$3,117,728,000
Texarkana, AR	Texarkana Regional Airport-Webb Field	\$8,602,000	\$5,808,000	\$14,410,000
Tyler	Tyler Pounds Regional	\$20,588,000	\$19,905,000	\$40,493,000
Waco	Waco Regional	\$13,956,000	\$13,492,000	\$27,448,000
Wichita Falls	Sheppard AFB/Wichita Falls Municipal	\$11,933,000	\$11,536,000	\$23,469,000
Commercial Service Airports Total		\$18,984,157,000	\$18,350,807,000	\$37,334,964,000

Source: CDM Smith and IMPLAN.

Table A-15: General Aviation Visitor-Related Output from Texas Airports

Associated City	Airport Name	Direct GA Visitor-Related Output	Multiplier GA Visitor-Related Output	Total GA Visitor-Related Output
<i>Commercial Service Airports</i>				
Abilene	Abilene Regional	\$4,482,000	\$4,268,000	\$8,750,000
Amarillo	Rick Husband Amarillo International	\$4,859,000	\$4,627,000	\$9,486,000
Austin	Austin-Bergstrom International	\$10,365,000	\$9,869,000	\$20,234,000
Beaumont/Port Arthur	Jack Brooks Regional	\$1,709,000	\$1,627,000	\$3,336,000
Brownsville	Brownsville/South Padre Island International	\$2,690,000	\$2,561,000	\$5,251,000
College Station	Easterwood Field	\$5,128,000	\$4,883,000	\$10,011,000
Corpus Christi	Corpus Christi International	\$5,779,000	\$5,503,000	\$11,282,000
Dallas	Dallas Love Field	\$10,707,000	\$10,195,000	\$20,902,000
Dallas-Fort Worth	Dallas/Fort Worth International	\$1,247,000	\$1,187,000	\$2,434,000
El Paso	El Paso International	\$6,102,000	\$5,810,000	\$11,912,000
Fort Hood (Killeen)	Killeen-Fort Hood Regional	\$1,274,000	\$1,213,000	\$2,487,000
Harlingen	Valley International	\$1,137,000	\$1,083,000	\$2,220,000
Houston	George Bush Intercontinental/Houston	\$1,989,000	\$1,894,000	\$3,883,000
Houston	William P Hobby	\$10,235,000	\$9,745,000	\$19,980,000
Laredo	Laredo International	\$4,013,000	\$3,821,000	\$7,834,000
Longview	East Texas Regional	\$3,548,000	\$3,378,000	\$6,926,000
Lubbock	Lubbock Preston Smith International	\$4,809,000	\$4,579,000	\$9,388,000
Mc Allen	Mc Allen Miller International	\$6,648,000	\$6,330,000	\$12,978,000
Midland	Midland International Air and Space Port	\$5,975,000	\$5,689,000	\$11,664,000
San Angelo	San Angelo Regional/Mathis Field	\$6,682,000	\$6,362,000	\$13,044,000
San Antonio	San Antonio International	\$9,787,000	\$9,319,000	\$19,106,000
Texarkana, AR	Texarkana Regional Airport-Webb Field	\$1,005,000	\$708,000	\$1,713,000
Tyler	Tyler Pounds Regional	\$3,825,000	\$3,642,000	\$7,467,000
Waco	Waco Regional	\$3,880,000	\$3,694,000	\$7,574,000
Wichita Falls	Sheppard AFB/Wichita Falls Municipal	\$17,667,000	\$16,822,000	\$34,489,000
Commercial Service Airports Total		\$135,542,000	\$128,809,000	\$264,351,000
<i>General Aviation Airports</i>				
Albany	Albany Municipal	\$42,000	\$40,000	\$82,000
Alice	Alice International	\$2,575,000	\$2,452,000	\$5,027,000
Alpine	Alpine-Casparis Municipal	\$159,000	\$151,000	\$310,000
Amarillo	Tradewind	\$1,277,000	\$1,216,000	\$2,493,000
Anahuac	Chambers County	\$48,000	\$46,000	\$94,000

Table A-15: General Aviation Visitor-Related Output from Texas Airports (cont.)

Associated City	Airport Name	Direct GA Visitor-Related Output	Multiplier GA Visitor-Related Output	Total GA Visitor-Related Output
Andrews	Andrews County	\$156,000	\$149,000	\$305,000
Angleton/Lake Jackson	Texas Gulf Coast Regional	\$5,828,000	\$5,549,000	\$11,377,000
Arlington	Arlington Municipal	\$5,357,000	\$5,101,000	\$10,458,000
Athens	Athens Municipal	\$128,000	\$122,000	\$250,000
Atlanta	Hall-Miller Municipal	\$270,000	\$257,000	\$527,000
Ballinger	Bruce Field	\$45,000	\$43,000	\$88,000
Bay City	Bay City Regional	\$181,000	\$172,000	\$353,000
Beaumont	Beaumont Municipal	\$286,000	\$272,000	\$558,000
Beeville	Beeville Municipal	\$120,000	\$114,000	\$234,000
Big Lake	Reagan County	\$60,000	\$57,000	\$117,000
Big Spring	Big Spring Mc Mahon-Wrinkle	\$349,000	\$332,000	\$681,000
Bonham	Jones Field	\$114,000	\$109,000	\$223,000
Borger	Hutchinson County	\$151,000	\$144,000	\$295,000
Bowie	Bowie Municipal	\$210,000	\$200,000	\$410,000
Brady	Curtis Field	\$1,288,000	\$1,226,000	\$2,514,000
Breckenridge	Stephens County	\$228,000	\$217,000	\$445,000
Brenham	Brenham Municipal	\$262,000	\$249,000	\$511,000
Bridgeport	Bridgeport Municipal	\$276,000	\$263,000	\$539,000
Brownfield	Terry County	\$102,000	\$97,000	\$199,000
Brownwood	Brownwood Regional	\$364,000	\$347,000	\$711,000
Bryan	Coulter Field	\$281,000	\$268,000	\$549,000
Burnet	Burnet Municipal Kate Craddock Field	\$302,000	\$288,000	\$590,000
Caddo Mills	Caddo Mills Municipal	\$1,276,000	\$1,215,000	\$2,491,000
Caldwell	Caldwell Municipal	\$126,000	\$120,000	\$246,000
Cameron	Cameron Municipal Airpark	\$30,000	\$29,000	\$59,000
Canadian	Hemphill County	\$96,000	\$91,000	\$187,000
Carrizo Springs	Dimmit County	\$36,000	\$34,000	\$70,000
Carthage	Panola County-Sharpe Field	\$177,000	\$169,000	\$346,000
Castroville	Castroville Municipal	\$271,000	\$258,000	\$529,000
Center	Center Municipal	\$158,000	\$150,000	\$308,000
Childress	Childress Municipal	\$73,000	\$70,000	\$143,000
Cisco	Cisco Municipal	\$42,000	\$40,000	\$82,000
Clarksville	Clarksville/Red River County-J D Trissell Field	\$1,000	\$1,000	\$2,000
Cleburne	Cleburne Regional	\$443,000	\$422,000	\$865,000
Cleveland	Cleveland Municipal	\$260,000	\$248,000	\$508,000
Clifton	Clifton Municipal/Isenhower Field	\$114,000	\$109,000	\$223,000
Coleman	Coleman Municipal	\$150,000	\$143,000	\$293,000
Colorado City	Colorado City	\$30,000	\$29,000	\$59,000
Columbus	Robert R Wells Jr.	\$60,000	\$57,000	\$117,000
Comanche	Comanche County-City	\$138,000	\$131,000	\$269,000
Commerce	Commerce Municipal	\$240,000	\$229,000	\$469,000

Table A-15: General Aviation Visitor-Related Output from Texas Airports (cont.)

Associated City	Airport Name	Direct GA Visitor-Related Output	Multiplier GA Visitor-Related Output	Total GA Visitor-Related Output
Corsicana	C David Campbell Field-Corsicana Municipal	\$328,000	\$312,000	\$640,000
Cotulla	Cotulla-La Salle County	\$491,000	\$468,000	\$959,000
Crane	Crane County	\$36,000	\$34,000	\$70,000
Crockett	Houston County	\$132,000	\$126,000	\$258,000
Crosbyton	Crosbyton Municipal	\$30,000	\$29,000	\$59,000
Dalhart	Dalhart Municipal	\$177,000	\$169,000	\$346,000
Dallas	Addison	\$10,619,000	\$10,111,000	\$20,730,000
Dallas	Dallas CBD Vertiport	\$36,000	\$34,000	\$70,000
Dallas	Dallas Executive	\$3,121,000	\$2,972,000	\$6,093,000
McKinney	McKinney National	\$4,243,000	\$4,040,000	\$8,283,000
Decatur	Decatur Municipal	\$264,000	\$251,000	\$515,000
Del Rio	Del Rio International	\$196,000	\$187,000	\$383,000
Dell City	Dell City Municipal	\$30,000	\$29,000	\$59,000
Denton	Denton Enterprise	\$8,624,000	\$8,211,000	\$16,835,000
Denver City	Denver City	\$66,000	\$63,000	\$129,000
Desoto	Desoto Heliport	\$2,000	\$2,000	\$4,000
Devine	Devine Municipal	\$108,000	\$103,000	\$211,000
Dimmitt	Dimmitt Municipal	\$1,000	\$1,000	\$2,000
Dryden	Terrell County	\$1,000	\$1,000	\$2,000
Dublin	Dublin Municipal	\$66,000	\$63,000	\$129,000
Dumas	Moore County	\$164,000	\$156,000	\$320,000
Eagle Lake	Eagle Lake	\$174,000	\$166,000	\$340,000
Eagle Pass	Maverick County Memorial International	\$1,000	\$1,000	\$2,000
Eastland	Eastland Municipal	\$120,000	\$114,000	\$234,000
Edinburg	South Texas International at Edinburg	\$56,000	\$53,000	\$109,000
Edna	Jackson County	\$156,000	\$149,000	\$305,000
Ennis	Ennis Municipal	\$61,000	\$58,000	\$119,000
Fabens	Fabens	\$246,000	\$234,000	\$480,000
Falfurrias	Brooks County	\$270,000	\$257,000	\$527,000
Floydada	Floydada Municipal	\$126,000	\$120,000	\$246,000
Fort Stockton	Fort Stockton-Pecos County	\$135,000	\$129,000	\$264,000
Fort Worth	Fort Worth Alliance	\$7,369,000	\$7,016,000	\$14,385,000
Fort Worth	Fort Worth Meacham International	\$7,644,000	\$7,278,000	\$14,922,000
Fort Worth	Fort Worth Spinks	\$3,040,000	\$2,895,000	\$5,935,000
Fredericksburg	Gillespie County	\$390,000	\$371,000	\$761,000
Gainesville	Gainesville Municipal	\$312,000	\$297,000	\$609,000
Galveston	Scholes International at Galveston	\$2,920,000	\$2,780,000	\$5,700,000
Garland	Garland/DFW Heloplex	\$90,000	\$86,000	\$176,000
Gatesville	Gatesville Municipal	\$102,000	\$97,000	\$199,000
George West	Live Oak County	\$66,000	\$63,000	\$129,000
Georgetown	Georgetown Municipal	\$4,193,000	\$3,992,000	\$8,185,000
Giddings	Giddings-Lee County	\$138,000	\$131,000	\$269,000

Table A-15: General Aviation Visitor-Related Output from Texas Airports (cont.)

Associated City	Airport Name	Direct GA Visitor-Related Output	Multiplier GA Visitor-Related Output	Total GA Visitor-Related Output
Gilmer	Fox Stephens Field-Gilmer Municipal	\$84,000	\$80,000	\$164,000
Gladewater	Gladewater Municipal	\$282,000	\$269,000	\$551,000
Gonzales	Roger M. Dreyer Memorial	\$48,000	\$46,000	\$94,000
Graford	Possum Kingdom	\$78,000	\$74,000	\$152,000
Graham	Graham Municipal	\$73,000	\$70,000	\$143,000
Granbury	Granbury Regional	\$463,000	\$441,000	\$904,000
Grand Prairie	Grand Prairie Municipal	\$2,704,000	\$2,575,000	\$5,279,000
Greenville	Majors	\$331,000	\$315,000	\$646,000
Gruver	Gruver Municipal	\$0	\$0	\$0
Hallettsville	Hallettsville Municipal	\$42,000	\$40,000	\$82,000
Hamilton	Hamilton Municipal	\$108,000	\$103,000	\$211,000
Haskell	Haskell Municipal	\$48,000	\$46,000	\$94,000
Hearne	Hearne Municipal	\$48,000	\$46,000	\$94,000
Hebbronville	Jim Hogg County	\$2,000	\$2,000	\$4,000
Henderson	Rusk County	\$204,000	\$194,000	\$398,000
Hereford	Hereford Municipal	\$166,000	\$158,000	\$324,000
Hillsboro	Hillsboro Municipal	\$120,000	\$114,000	\$234,000
Hondo	South Texas Regional at Hondo	\$260,000	\$248,000	\$508,000
Houston	Conroe-North Houston Regional	\$4,583,000	\$4,364,000	\$8,947,000
Houston	David Wayne Hooks Memorial	\$7,446,000	\$7,090,000	\$14,536,000
Houston	Ellington Field	\$8,396,000	\$7,994,000	\$16,390,000
Houston	Houston-Southwest	\$1,882,000	\$1,792,000	\$3,674,000
Houston	Pearland Regional	\$2,320,000	\$2,209,000	\$4,529,000
Houston	Sugar Land Regional	\$5,424,000	\$5,165,000	\$10,589,000
Houston	West Houston	\$3,828,000	\$3,645,000	\$7,473,000
Huntsville	Huntsville Municipal	\$1,243,000	\$1,184,000	\$2,427,000
Ingleside	McCampbell-Porter	\$260,000	\$248,000	\$508,000
Jacksboro	Jacksboro Municipal	\$2,000	\$2,000	\$4,000
Jacksonville	Cherokee County	\$254,000	\$242,000	\$496,000
Jasper	Jasper County-Bell Field	\$240,000	\$229,000	\$469,000
Jayton	Kent County	\$0	\$0	\$0
Jefferson	Cypress River	\$48,000	\$46,000	\$94,000
Junction	Kimble County	\$120,000	\$114,000	\$234,000
Kenedy	Karnes County	\$60,000	\$57,000	\$117,000
Kerrville	Kerrville Municipal/Louis Schreiner Field	\$5,529,000	\$5,265,000	\$10,794,000
Killeen	Skylark Field	\$383,000	\$365,000	\$748,000
Kingsville	Kleberg County	\$31,000	\$30,000	\$61,000
Kirbyville	Kirbyville	\$150,000	\$143,000	\$293,000
Knox City	Harrison Field of Knox City	\$30,000	\$29,000	\$59,000
Kountze/Silsbee	Hawthorne Field	\$66,000	\$63,000	\$129,000

Table A-15: General Aviation Visitor-Related Output from Texas Airports (cont.)

Associated City	Airport Name	Direct GA Visitor-Related Output	Multiplier GA Visitor-Related Output	Total GA Visitor-Related Output
La Grange	Fayette Regional Air Center	\$186,000	\$177,000	\$363,000
La Porte	La Porte Municipal	\$503,000	\$479,000	\$982,000
Lago Vista	Lago Vista TX-Rusty Allen	\$102,000	\$97,000	\$199,000
Lamesa	Lamesa Municipal	\$204,000	\$194,000	\$398,000
Lampasas	Lampasas	\$162,000	\$154,000	\$316,000
Lancaster	Lancaster Regional	\$3,256,000	\$3,100,000	\$6,356,000
Levelland	Levelland Municipal	\$212,000	\$202,000	\$414,000
Liberty	Liberty Municipal	\$222,000	\$211,000	\$433,000
Littlefield	Taylor Brown Municipal	\$92,000	\$88,000	\$180,000
Livingston	Livingston Municipal	\$138,000	\$131,000	\$269,000
Llano	Llano Municipal	\$261,000	\$249,000	\$510,000
Lockhart	Lockhart Municipal	\$307,000	\$292,000	\$599,000
Lufkin	Angelina County	\$1,822,000	\$1,735,000	\$3,557,000
Madisonville	Madisonville Municipal	\$0	\$0	\$0
Marfa	Marfa Municipal	\$240,000	\$229,000	\$469,000
Marshall	Harrison County	\$240,000	\$229,000	\$469,000
Mason	Mason County	\$72,000	\$69,000	\$141,000
Mc Camey	Upton County	\$1,000	\$1,000	\$2,000
Mesquite	Mesquite Metro	\$3,514,000	\$3,346,000	\$6,860,000
Mexia	Mexia-Limestone County	\$138,000	\$131,000	\$269,000
Midland	Midland Airpark	\$432,000	\$411,000	\$843,000
Midlothian/Waxahachie	Mid-Way Regional	\$1,438,000	\$1,369,000	\$2,807,000
Mineola/Quitman	Wood County	\$260,000	\$248,000	\$508,000
Mineral Wells	Mineral Wells	\$403,000	\$384,000	\$787,000
Monahans	Roy Hurd Memorial	\$198,000	\$189,000	\$387,000
Mount Pleasant	Mount Pleasant Regional	\$264,000	\$251,000	\$515,000
Mount Vernon	Franklin County	\$30,000	\$29,000	\$59,000
Muleshoe	Muleshoe Municipal	\$48,000	\$46,000	\$94,000
Munday	Munday Municipal	\$1,000	\$1,000	\$2,000
Nacogdoches	A L Mangham Jr. Regional	\$405,000	\$386,000	\$791,000
Navasota	Navasota Municipal	\$192,000	\$183,000	\$375,000
New Braunfels	New Braunfels Regional	\$2,974,000	\$2,832,000	\$5,806,000
Odessa	Odessa-Schlemeyer Field	\$3,103,000	\$2,955,000	\$6,058,000
Olney	Olney Municipal	\$66,000	\$63,000	\$129,000
Orange	Orange County	\$233,000	\$222,000	\$455,000
Ozona	Ozona Municipal	\$125,000	\$119,000	\$244,000
Paducah	Dan E Richards Municipal	\$2,000	\$2,000	\$4,000
Palacios	Palacios Municipal	\$172,000	\$164,000	\$336,000
Palestine	Palestine Municipal	\$223,000	\$212,000	\$435,000
Pampa	Perry Lefors Field	\$286,000	\$272,000	\$558,000
Panhandle	Panhandle-Carson County	\$0	\$0	\$0
Paris	Cox Field	\$222,000	\$211,000	\$433,000
Pearsall	Mc Kinley Field	\$36,000	\$34,000	\$70,000
Pecos	Pecos Municipal	\$1,752,000	\$1,668,000	\$3,420,000
Perryton	Perryton Ochiltree County	\$288,000	\$274,000	\$562,000

Table A-15: General Aviation Visitor-Related Output from Texas Airports (cont.)

Associated City	Airport Name	Direct GA Visitor-Related Output	Multiplier GA Visitor-Related Output	Total GA Visitor-Related Output
Plains	Yoakum County	\$114,000	\$109,000	\$223,000
Plainview	Hale County	\$309,000	\$294,000	\$603,000
Pleasanton	Pleasanton Municipal	\$197,000	\$188,000	\$385,000
Port Aransas	Mustang Beach	\$180,000	\$171,000	\$351,000
Port Isabel	Port Isabel-Cameron County	\$111,000	\$106,000	\$217,000
Port Lavaca	Calhoun County	\$198,000	\$189,000	\$387,000
Port Mansfield	Charles R Johnson	\$0	\$0	\$0
Presidio	Presidio Lely International	\$1,000	\$1,000	\$2,000
Quanah	Quanah Municipal	\$66,000	\$63,000	\$129,000
Refugio	Rooke Field	\$54,000	\$51,000	\$105,000
Roanoke	Northwest Regional	\$6,496,000	\$6,185,000	\$12,681,000
Robstown	Nueces County	\$120,000	\$114,000	\$234,000
Rockdale	H H Coffield Regional	\$48,000	\$46,000	\$94,000
Rockport	Aransas County	\$4,491,000	\$4,276,000	\$8,767,000
Rocksprings	Edwards County	\$31,000	\$30,000	\$61,000
Rockwall	Ralph M Hall/Rockwall Municipal	\$417,000	\$397,000	\$814,000
San Antonio	Stinson Municipal	\$3,663,000	\$3,488,000	\$7,151,000
San Marcos	San Marcos Regional	\$2,848,000	\$2,712,000	\$5,560,000
San Saba	San Saba County Municipal	\$66,000	\$63,000	\$129,000
Seminole	Gaines County	\$165,000	\$157,000	\$322,000
Seymour	Seymour Municipal	\$48,000	\$46,000	\$94,000
Sherman	Sherman Municipal	\$45,000	\$43,000	\$88,000
Sherman/Denison	North Texas Regional/Perrin Field	\$3,256,000	\$3,100,000	\$6,356,000
Sinton	Alfred C 'Bubba' Thomas	\$120,000	\$114,000	\$234,000
Slaton	Slaton Municipal	\$192,000	\$183,000	\$375,000
Smithville	Smithville Crawford Municipal	\$174,000	\$166,000	\$340,000
Snyder	Winston Field	\$168,000	\$160,000	\$328,000
Sonora	Sonora Municipal	\$36,000	\$34,000	\$70,000
Spearman	Major Samuel B Cornelius Field	\$108,000	\$103,000	\$211,000
Stamford	Arledge Field	\$66,000	\$63,000	\$129,000
Stephenville	Stephenville Clark Regional	\$274,000	\$261,000	\$535,000
Sulphur Springs	Sulphur Springs Municipal	\$328,000	\$312,000	\$640,000
Sunray	Sunray	\$78,000	\$74,000	\$152,000
Sweetwater	Avenger Field	\$150,000	\$143,000	\$293,000
Tahoka	T-Bar	\$36,000	\$34,000	\$70,000
Taylor	Taylor Municipal	\$240,000	\$229,000	\$469,000
Temple	Draughon-Miller Central Texas Regional	\$1,653,000	\$1,574,000	\$3,227,000
Terrell	Terrell Municipal	\$444,000	\$423,000	\$867,000
Throckmorton	Throckmorton Municipal	\$0	\$0	\$0

Table A-15: General Aviation Visitor-Related Output from Texas Airports (cont.)

Associated City	Airport Name	Direct GA Visitor-Related Output	Multiplier GA Visitor-Related Output	Total GA Visitor-Related Output
Tulia	City of Tulia/Swisher County Municipal	\$72,000	\$69,000	\$141,000
Uvalde	Garner Field	\$274,000	\$261,000	\$535,000
Van Horn	Culberson County	\$1,000	\$1,000	\$2,000
Vega	Oldham County	\$66,000	\$63,000	\$129,000
Vernon	Wilbarger County	\$252,000	\$240,000	\$492,000
Victoria	Victoria Regional	\$2,335,000	\$2,223,000	\$4,558,000
McGregor	Mc Gregor Executive	\$457,000	\$435,000	\$892,000
Waco	TSTC Waco	\$4,379,000	\$4,170,000	\$8,549,000
Wellington	Marian Airpark	\$64,000	\$61,000	\$125,000
Weslaco	Mid Valley	\$1,369,000	\$1,304,000	\$2,673,000
Wharton	Wharton Regional	\$240,000	\$229,000	\$469,000
Wheeler	Wheeler Municipal	\$0	\$0	\$0
Wichita Falls	Kickapoo Downtown	\$455,000	\$433,000	\$888,000
Wills Point	Van Zandt County Regional	\$72,000	\$69,000	\$141,000
Wink	Winkler County	\$2,000	\$2,000	\$4,000
Winnie/Stowell	Chambers County-Winnie Stowell	\$72,000	\$69,000	\$141,000
Winnsboro	Winnsboro Municipal	\$42,000	\$40,000	\$82,000
Winters	Winters Municipal	\$48,000	\$46,000	\$94,000
Zapata	Zapata County	\$60,000	\$57,000	\$117,000
Other Airports		\$266,000	\$254,000	\$520,000
General Aviation Airports Total		\$190,222,000	\$181,139,000	\$371,361,000
All Airports Total		\$325,764,000	\$309,948,000	\$635,712,000

Source: CDM Smith and IMPLAN.

Table A-16: Total Output from Texas Airports

Associated City	Airport Name	Direct Output	Multiplier Output	Total Output
<i>Commercial Service Airports</i>				
Abilene	Abilene Regional	\$198,276,000	\$164,360,000	\$362,636,000
Amarillo	Rick Husband Amarillo International	\$661,105,000	\$572,066,000	\$1,233,171,000
Austin	Austin-Bergstrom International	\$3,932,190,000	\$3,673,681,000	\$7,605,871,000
Beaumont/Port Arthur	Jack Brooks Regional	\$20,564,000	\$19,253,000	\$39,817,000
Brownsville	Brownsville/South Padre Island International	\$94,080,000	\$84,836,000	\$178,916,000
College Station	Easterwood Field	\$64,690,000	\$59,896,000	\$124,586,000
Corpus Christi	Corpus Christi International	\$402,329,000	\$380,150,000	\$782,479,000
Dallas	Dallas Love Field	\$3,162,894,000	\$2,943,473,000	\$6,106,367,000
Dallas-Fort Worth	Dallas/Fort Worth International	\$15,574,939,000	\$14,341,627,000	\$29,916,566,000
El Paso	El Paso International	\$1,153,746,000	\$1,081,242,000	\$2,234,988,000
Fort Hood (Killeen)	Killeen-Fort Hood Regional	\$68,751,000	\$66,129,000	\$134,880,000
Harlingen	Valley International	\$227,842,000	\$204,903,000	\$432,745,000
Houston	George Bush Intercontinental/Houston	\$11,897,616,000	\$10,851,305,000	\$22,748,921,000
Houston	William P Hobby	\$2,474,399,000	\$2,311,417,000	\$4,785,816,000
Laredo	Laredo International	\$94,928,000	\$85,838,000	\$180,766,000
Longview	East Texas Regional	\$47,608,000	\$41,059,000	\$88,667,000
Lubbock	Lubbock Preston Smith International	\$293,346,000	\$272,549,000	\$565,895,000
Mc Allen	Mc Allen Miller International	\$325,617,000	\$307,294,000	\$632,911,000
Midland	Midland International Air and Space Port	\$472,333,000	\$435,786,000	\$908,119,000
San Angelo	San Angelo Regional/Mathis Field	\$65,006,000	\$59,296,000	\$124,302,000
San Antonio	San Antonio International	\$2,747,950,000	\$2,568,630,000	\$5,316,580,000
Texarkana, AR	Texarkana Regional Airport-Webb Field	\$22,889,000	\$16,795,000	\$39,684,000
Tyler	Tyler Pounds Regional	\$81,228,000	\$71,149,000	\$152,377,000
Waco	Waco Regional	\$60,792,000	\$53,191,000	\$113,983,000
Wichita Falls	Sheppard AFB/Wichita Falls Municipal	\$47,750,000	\$44,760,000	\$92,510,000
Commercial Service Airports Total		\$44,192,868,000	\$40,710,685,000	\$84,903,553,000
<i>General Aviation Airports</i>				
Albany	Albany Municipal	\$277,000	\$247,000	\$524,000
Alice	Alice International	\$4,636,000	\$4,254,000	\$8,890,000
Alpine	Alpine-Casparis Municipal	\$6,854,000	\$6,094,000	\$12,948,000
Amarillo	Tradewind	\$2,157,000	\$2,020,000	\$4,177,000

Table A-16: Total Output from Texas Airports (cont.)

Associated City	Airport Name	Direct Output	Multiplier Output	Total Output
Anahuac	Chambers County	\$699,000	\$620,000	\$1,319,000
Andrews	Andrews County	\$919,000	\$797,000	\$1,716,000
Angleton/Lake Jackson	Texas Gulf Coast Regional	\$12,855,000	\$11,643,000	\$24,498,000
Arlington	Arlington Municipal	\$125,348,000	\$111,006,000	\$236,354,000
Athens	Athens Municipal	\$1,326,000	\$1,071,000	\$2,397,000
Atlanta	Hall-Miller Municipal	\$343,000	\$324,000	\$667,000
Ballinger	Bruce Field	\$114,000	\$106,000	\$220,000
Bay City	Bay City Regional	\$1,655,000	\$1,401,000	\$3,056,000
Beaumont	Beaumont Municipal	\$2,912,000	\$2,614,000	\$5,526,000
Beeville	Beeville Municipal	\$415,000	\$356,000	\$771,000
Big Lake	Reagan County	\$146,000	\$136,000	\$282,000
Big Spring	Big Spring Mc Mahon-Wrinkle	\$8,576,000	\$7,030,000	\$15,606,000
Bonham	Jones Field	\$1,138,000	\$946,000	\$2,084,000
Borger	Hutchinson County	\$6,866,000	\$5,414,000	\$12,280,000
Bowie	Bowie Municipal	\$465,000	\$434,000	\$899,000
Brady	Curtis Field	\$2,098,000	\$1,936,000	\$4,034,000
Breckenridge	Stephens County	\$4,050,000	\$3,205,000	\$7,255,000
Brenham	Brenham Municipal	\$3,215,000	\$2,617,000	\$5,832,000
Bridgeport	Bridgeport Municipal	\$703,000	\$600,000	\$1,303,000
Brownfield	Terry County	\$931,000	\$796,000	\$1,727,000
Brownwood	Brownwood Regional	\$5,188,000	\$4,255,000	\$9,443,000
Bryan	Coulter Field	\$6,257,000	\$5,282,000	\$11,539,000
Burnet	Burnet Municipal Kate Craddock Field	\$3,089,000	\$2,565,000	\$5,654,000
Caddo Mills	Caddo Mills Municipal	\$1,816,000	\$1,647,000	\$3,463,000
Caldwell	Caldwell Municipal	\$443,000	\$381,000	\$824,000
Cameron	Cameron Municipal Airpark	\$64,000	\$60,000	\$124,000
Canadian	Hemphill County	\$513,000	\$426,000	\$939,000
Carrizo Springs	Dimmit County	\$3,558,000	\$2,760,000	\$6,318,000
Carthage	Panola County-Sharpe Field	\$334,000	\$312,000	\$646,000
Castroville	Castroville Municipal	\$2,150,000	\$1,793,000	\$3,943,000
Center	Center Municipal	\$351,000	\$329,000	\$680,000
Childress	Childress Municipal	\$2,675,000	\$2,126,000	\$4,801,000
Cisco	Cisco Municipal	\$57,000	\$53,000	\$110,000
Clarksville	Clarksville/Red River County-J D Trissell Field	\$96,000	\$80,000	\$176,000
Cleburne	Cleburne Regional	\$4,855,000	\$4,093,000	\$8,948,000
Cleveland	Cleveland Municipal	\$984,000	\$894,000	\$1,878,000
Clifton	Clifton Municipal/Isenhower Field	\$1,130,000	\$920,000	\$2,050,000
Coleman	Coleman Municipal	\$472,000	\$437,000	\$909,000
Colorado City	Colorado City	\$516,000	\$420,000	\$936,000
Columbus	Robert R Wells Jr.	\$118,000	\$111,000	\$229,000
Comanche	Comanche County-City	\$207,000	\$194,000	\$401,000
Commerce	Commerce Municipal	\$1,222,000	\$1,120,000	\$2,342,000

Table A-16: Total Output from Texas Airports (cont.)

Associated City	Airport Name	Direct Output	Multiplier Output	Total Output
Corsicana	C David Campbell Field-Corsicana Municipal	\$1,068,000	\$911,000	\$1,979,000
Cotulla	Cotulla-La Salle County	\$1,450,000	\$1,220,000	\$2,670,000
Crane	Crane County	\$70,000	\$66,000	\$136,000
Crockett	Houston County	\$205,000	\$192,000	\$397,000
Crosbyton	Crosbyton Municipal	\$1,172,000	\$937,000	\$2,109,000
Dalhart	Dalhart Municipal	\$2,701,000	\$2,258,000	\$4,959,000
Dallas	Addison	\$259,241,000	\$208,137,000	\$467,378,000
Dallas	Dallas CBD Vertiport	\$348,000	\$320,000	\$668,000
Dallas	Dallas Executive	\$29,116,000	\$25,700,000	\$54,816,000
McKinney	McKinney National	\$116,310,000	\$96,407,000	\$212,717,000
Decatur	Decatur Municipal	\$4,995,000	\$3,931,000	\$8,926,000
Del Rio	Del Rio International	\$10,297,000	\$8,730,000	\$19,027,000
Dell City	Dell City Municipal	\$238,000	\$194,000	\$432,000
Denton	Denton Enterprise	\$86,579,000	\$69,759,000	\$156,338,000
Denver City	Denver City	\$90,000	\$84,000	\$174,000
Desoto	Desoto Heliport	\$3,977,000	\$3,113,000	\$7,090,000
Devine	Devine Municipal	\$1,442,000	\$1,149,000	\$2,591,000
Dimmitt	Dimmitt Municipal	\$278,000	\$229,000	\$507,000
Dryden	Terrell County	\$250,000	\$199,000	\$449,000
Dublin	Dublin Municipal	\$352,000	\$297,000	\$649,000
Dumas	Moore County	\$3,508,000	\$3,180,000	\$6,688,000
Eagle Lake	Eagle Lake	\$3,101,000	\$2,497,000	\$5,598,000
Eagle Pass	Maverick County Memorial International	\$538,000	\$448,000	\$986,000
Eastland	Eastland Municipal	\$2,447,000	\$2,108,000	\$4,555,000
Edinburg	South Texas International at Edinburg	\$5,203,000	\$4,838,000	\$10,041,000
Edna	Jackson County	\$400,000	\$345,000	\$745,000
Ennis	Ennis Municipal	\$1,196,000	\$979,000	\$2,175,000
Fabens	Fabens	\$709,000	\$608,000	\$1,317,000
Falfurrias	Brooks County	\$820,000	\$776,000	\$1,596,000
Floydada	Floydada Municipal	\$1,603,000	\$1,289,000	\$2,892,000
Fort Stockton	Fort Stockton-Pecos County	\$947,000	\$775,000	\$1,722,000
Fort Worth	Fort Worth Alliance	\$289,917,000	\$229,089,000	\$519,006,000
Fort Worth	Fort Worth Meacham International	\$180,088,000	\$146,359,000	\$326,447,000
Fort Worth	Fort Worth Spinks	\$21,565,000	\$17,521,000	\$39,086,000
Fredericksburg	Gillespie County	\$7,351,000	\$6,376,000	\$13,727,000
Gainesville	Gainesville Municipal	\$97,052,000	\$75,718,000	\$172,770,000
Galveston	Scholes International at Galveston	\$23,545,000	\$19,333,000	\$42,878,000
Garland	Garland/DFW Heloplex	\$8,328,000	\$6,719,000	\$15,047,000
Gatesville	Gatesville Municipal	\$893,000	\$734,000	\$1,627,000
George West	Live Oak County	\$578,000	\$544,000	\$1,122,000
Georgetown	Georgetown Municipal	\$28,643,000	\$24,020,000	\$52,663,000
Giddings	Giddings-Lee County	\$627,000	\$526,000	\$1,153,000

Table A-16: Total Output from Texas Airports (cont.)

Associated City	Airport Name	Direct Output	Multiplier Output	Total Output
Gilmer	Fox Stephens Field-Gilmer Municipal	\$803,000	\$654,000	\$1,457,000
Gladewater	Gladewater Municipal	\$786,000	\$681,000	\$1,467,000
Gonzales	Roger M. Dreyer Memorial	\$117,000	\$109,000	\$226,000
Graford	Possum Kingdom	\$93,000	\$87,000	\$180,000
Graham	Graham Municipal	\$1,064,000	\$903,000	\$1,967,000
Granbury	Granbury Regional	\$10,287,000	\$8,186,000	\$18,473,000
Grand Prairie	Grand Prairie Municipal	\$203,390,000	\$157,781,000	\$361,171,000
Greenville	Majors	\$2,134,227,000	\$1,949,157,000	\$4,083,384,000
Gruver	Gruver Municipal	\$1,248,000	\$992,000	\$2,240,000
Hallettsville	Hallettsville Municipal	\$223,000	\$199,000	\$422,000
Hamilton	Hamilton Municipal	\$267,000	\$249,000	\$516,000
Haskell	Haskell Municipal	\$744,000	\$608,000	\$1,352,000
Hearne	Hearne Municipal	\$945,000	\$767,000	\$1,712,000
Hebbronville	Jim Hogg County	\$196,000	\$181,000	\$377,000
Henderson	Rusk County	\$1,032,000	\$951,000	\$1,983,000
Hereford	Hereford Municipal	\$2,145,000	\$1,753,000	\$3,898,000
Hillsboro	Hillsboro Municipal	\$2,142,000	\$1,766,000	\$3,908,000
Hondo	South Texas Regional at Hondo	\$6,401,000	\$5,181,000	\$11,582,000
Houston	Conroe-North Houston Regional	\$73,170,000	\$63,160,000	\$136,330,000
Houston	David Wayne Hooks Memorial	\$49,860,000	\$41,865,000	\$91,725,000
Houston	Ellington Field	\$173,739,000	\$159,118,000	\$332,857,000
Houston	Houston-Southwest	\$8,046,000	\$6,885,000	\$14,931,000
Houston	Pearland Regional	\$10,287,000	\$8,575,000	\$18,862,000
Houston	Sugar Land Regional	\$50,632,000	\$42,361,000	\$92,993,000
Houston	West Houston	\$11,802,000	\$10,611,000	\$22,413,000
Huntsville	Huntsville Municipal	\$1,930,000	\$1,734,000	\$3,664,000
Ingleside	McCampbell-Porter	\$9,382,000	\$8,468,000	\$17,850,000
Jacksboro	Jacksboro Municipal	\$185,000	\$153,000	\$338,000
Jacksonville	Cherokee County	\$5,597,000	\$4,540,000	\$10,137,000
Jasper	Jasper County-Bell Field	\$545,000	\$479,000	\$1,024,000
Jayton	Kent County	\$69,000	\$65,000	\$134,000
Jefferson	Cypress River	\$144,000	\$134,000	\$278,000
Junction	Kimble County	\$1,091,000	\$1,006,000	\$2,097,000
Kenedy	Karnes County	\$273,000	\$251,000	\$524,000
Kerrville	Kerrville Municipal/Louis Schreiner Field	\$20,916,000	\$17,414,000	\$38,330,000
Killeen	Skylark Field	\$2,328,000	\$1,974,000	\$4,302,000
Kingsville	Kleberg County	\$2,344,000	\$2,131,000	\$4,475,000
Kirbyville	Kirbyville	\$330,000	\$294,000	\$624,000
Knox City	Harrison Field of Knox City	\$860,000	\$689,000	\$1,549,000
Kountze/Silsbee	Hawthorne Field	\$424,000	\$347,000	\$771,000
La Grange	Fayette Regional Air Center	\$1,220,000	\$1,017,000	\$2,237,000

Table A-16: Total Output from Texas Airports (cont.)

Associated City	Airport Name	Direct Output	Multiplier Output	Total Output
La Porte	La Porte Municipal	\$5,289,000	\$4,241,000	\$9,530,000
Lago Vista	Lago Vista TX-Rusty Allen	\$1,901,000	\$1,608,000	\$3,509,000
Lamesa	Lamesa Municipal	\$3,305,000	\$2,745,000	\$6,050,000
Lampasas	Lampasas	\$306,000	\$286,000	\$592,000
Lancaster	Lancaster Regional	\$6,242,000	\$5,669,000	\$11,911,000
Levelland	Levelland Municipal	\$2,704,000	\$2,203,000	\$4,907,000
Liberty	Liberty Municipal	\$298,000	\$280,000	\$578,000
Littlefield	Taylor Brown Municipal	\$1,106,000	\$898,000	\$2,004,000
Livingston	Livingston Municipal	\$427,000	\$366,000	\$793,000
Llano	Llano Municipal	\$1,220,000	\$1,114,000	\$2,334,000
Lockhart	Lockhart Municipal	\$898,000	\$784,000	\$1,682,000
Lufkin	Angelina County	\$14,030,000	\$11,943,000	\$25,973,000
Madisonville	Madisonville Municipal	\$476,000	\$384,000	\$860,000
Marfa	Marfa Municipal	\$1,020,000	\$912,000	\$1,932,000
Marshall	Harrison County	\$630,000	\$539,000	\$1,169,000
Mason	Mason County	\$185,000	\$174,000	\$359,000
Mc Camey	Upton County	\$1,031,000	\$973,000	\$2,004,000
Mesquite	Mesquite Metro	\$12,058,000	\$10,668,000	\$22,726,000
Mexia	Mexia-Limestone County	\$5,905,000	\$4,657,000	\$10,562,000
Midland	Midland Airpark	\$8,144,000	\$6,452,000	\$14,596,000
Midlothian/Waxahachie	Mid-Way Regional	\$11,964,000	\$10,151,000	\$22,115,000
Mineola/Quitman	Wood County	\$725,000	\$631,000	\$1,356,000
Mineral Wells	Mineral Wells	\$43,911,000	\$34,109,000	\$78,020,000
Monahans	Roy Hurd Memorial	\$1,976,000	\$1,635,000	\$3,611,000
Mount Pleasant	Mount Pleasant Regional	\$2,789,000	\$2,414,000	\$5,203,000
Mount Vernon	Franklin County	\$233,000	\$220,000	\$453,000
Muleshoe	Muleshoe Municipal	\$117,000	\$109,000	\$226,000
Munday	Munday Municipal	\$622,000	\$495,000	\$1,117,000
Nacogdoches	A L Mangham Jr. Regional	\$735,000	\$656,000	\$1,391,000
Navasota	Navasota Municipal	\$485,000	\$424,000	\$909,000
New Braunfels	New Braunfels Regional	\$14,882,000	\$12,449,000	\$27,331,000
Odessa	Odessa-Schlemeyer Field	\$8,046,000	\$7,096,000	\$15,142,000
Olney	Olney Municipal	\$82,351,000	\$63,585,000	\$145,936,000
Orange	Orange County	\$986,000	\$837,000	\$1,823,000
Ozona	Ozona Municipal	\$441,000	\$380,000	\$821,000
Paducah	Dan E Richards Municipal	\$1,041,000	\$828,000	\$1,869,000
Palacios	Palacios Municipal	\$239,000	\$224,000	\$463,000
Palestine	Palestine Municipal	\$689,000	\$615,000	\$1,304,000
Pampa	Perry Lefors Field	\$796,000	\$679,000	\$1,475,000
Panhandle	Panhandle-Carson County	\$1,063,000	\$849,000	\$1,912,000
Paris	Cox Field	\$2,294,000	\$1,828,000	\$4,122,000
Pearsall	Mc Kinley Field	\$464,000	\$395,000	\$859,000
Pecos	Pecos Municipal	\$3,260,000	\$3,002,000	\$6,262,000
Perryton	Perryton Ochiltree County	\$2,634,000	\$2,176,000	\$4,810,000
Plains	Yoakum County	\$1,124,000	\$912,000	\$2,036,000
Plainview	Hale County	\$7,648,000	\$6,167,000	\$13,815,000

Table A-16: Total Output from Texas Airports (cont.)

Associated City	Airport Name	Direct Output	Multiplier Output	Total Output
Pleasanton	Pleasanton Municipal	\$430,000	\$381,000	\$811,000
Port Aransas	Mustang Beach	\$259,000	\$243,000	\$502,000
Port Isabel	Port Isabel-Cameron County	\$1,644,000	\$1,391,000	\$3,035,000
Port Lavaca	Calhoun County	\$1,933,000	\$1,584,000	\$3,517,000
Port Mansfield	Charles R Johnson	\$69,000	\$63,000	\$132,000
Presidio	Presidio Lely International	\$199,000	\$185,000	\$384,000
Quanah	Quanah Municipal	\$777,000	\$639,000	\$1,416,000
Refugio	Rooke Field	\$580,000	\$507,000	\$1,087,000
Roanoke	Northwest Regional	\$17,386,000	\$14,702,000	\$32,088,000
Robstown	Nueces County	\$746,000	\$646,000	\$1,392,000
Rockdale	H H Coffield Regional	\$117,000	\$109,000	\$226,000
Rockport	Aransas County	\$8,146,000	\$7,264,000	\$15,410,000
Rocksprings	Edwards County	\$77,000	\$72,000	\$149,000
Rockwall	Ralph M Hall/Rockwall Municipal	\$1,268,000	\$1,074,000	\$2,342,000
San Antonio	Stinson Municipal	\$18,883,000	\$16,734,000	\$35,617,000
San Marcos	San Marcos Regional	\$45,675,000	\$36,434,000	\$82,109,000
San Saba	San Saba County Municipal	\$76,000	\$72,000	\$148,000
Seminole	Gaines County	\$891,000	\$805,000	\$1,696,000
Seymour	Seymour Municipal	\$472,000	\$384,000	\$856,000
Sherman	Sherman Municipal	\$524,000	\$434,000	\$958,000
Sherman/Denison	North Texas Regional/Perrin Field	\$13,842,000	\$11,700,000	\$25,542,000
Sinton	Alfred C 'Bubba' Thomas	\$1,179,000	\$962,000	\$2,141,000
Slaton	Slaton Municipal	\$1,233,000	\$1,009,000	\$2,242,000
Smithville	Smithville Crawford Municipal	\$1,194,000	\$970,000	\$2,164,000
Snyder	Winston Field	\$2,482,000	\$2,018,000	\$4,500,000
Sonora	Sonora Municipal	\$100,000	\$91,000	\$191,000
Spearman	Major Samuel B Cornelius Field	\$203,000	\$190,000	\$393,000
Stamford	Arledge Field	\$549,000	\$454,000	\$1,003,000
Stephenville	Stephenville Clark Regional	\$2,798,000	\$2,441,000	\$5,239,000
Sulphur Springs	Sulphur Springs Municipal	\$6,518,000	\$5,423,000	\$11,941,000
Sunray	Sunray	\$1,851,000	\$1,486,000	\$3,337,000
Sweetwater	Avenger Field	\$1,039,000	\$929,000	\$1,968,000
Tahoka	T-Bar	\$140,000	\$117,000	\$257,000
Taylor	Taylor Municipal	\$3,421,000	\$2,913,000	\$6,334,000
Temple	Draughon-Miller Central Texas Regional	\$19,389,000	\$16,472,000	\$35,861,000
Terrell	Terrell Municipal	\$2,553,000	\$2,253,000	\$4,806,000
Throckmorton	Throckmorton Municipal	\$107,000	\$101,000	\$208,000
Tulia	City of Tulia/Swisher County Municipal	\$141,000	\$132,000	\$273,000

Table A-16: Total Output from Texas Airports (cont.)

Associated City	Airport Name	Direct Output	Multiplier Output	Total Output
Uvalde	Garner Field	\$24,161,000	\$19,760,000	\$43,921,000
Van Horn	Culberson County	\$513,000	\$410,000	\$923,000
Vega	Oldham County	\$137,000	\$128,000	\$265,000
Vernon	Wilbarger County	\$1,628,000	\$1,379,000	\$3,007,000
Victoria	Victoria Regional	\$22,968,000	\$19,282,000	\$42,250,000
McGregor	Mc Gregor Executive	\$12,533,000	\$10,243,000	\$22,776,000
Waco	TSTC Waco	\$309,259,000	\$242,838,000	\$552,097,000
Wellington	Marian Airpark	\$133,000	\$124,000	\$257,000
Weslaco	Mid Valley	\$2,484,000	\$2,254,000	\$4,738,000
Wharton	Wharton Regional	\$2,596,000	\$2,234,000	\$4,830,000
Wheeler	Wheeler Municipal	\$69,000	\$63,000	\$132,000
Wichita Falls	Kickapoo Downtown	\$4,693,000	\$4,165,000	\$8,858,000
Wills Point	Van Zandt County Regional	\$367,000	\$339,000	\$706,000
Wink	Winkler County	\$313,000	\$258,000	\$571,000
Winnie/Stowell	Chambers County-Winnie Stowell	\$8,689,000	\$6,964,000	\$15,653,000
Winnsboro	Winnsboro Municipal	\$85,000	\$79,000	\$164,000
Winters	Winters Municipal	\$63,000	\$59,000	\$122,000
Zapata	Zapata County	\$253,000	\$234,000	\$487,000
Other Airports		\$700,000	\$644,000	\$1,344,000
General Aviation Airports Total		\$5,024,540,000	\$4,322,619,000	\$9,347,159,000
All Airports Total		\$49,217,408,000	\$45,033,304,000	\$94,250,712,000

Source: CDM Smith and IMPLAN.



For more information on the Texas Aviation
Economic Impact Study, go to
txdot.gov/inside-txdot/division/aviation.html
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