



# TEXAS AVIATION

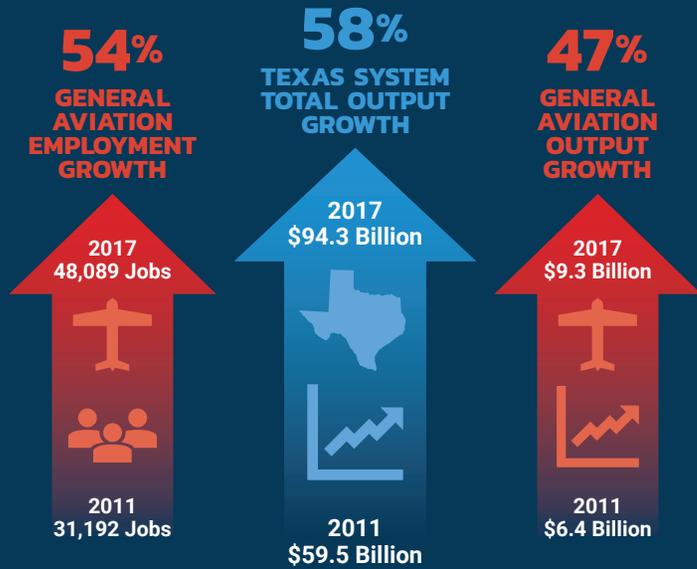
Economic Impact Study

**EXECUTIVE SUMMARY 2018**



# TEXAS AIRPORTS: THE SKY'S THE LIMIT

One of the largest state airport systems is found in Texas. With 289 facilities, Texas has grown and maintained the system to provide a myriad of aviation benefits to the Lone Star State and its residents. This study found aviation benefits have grown significantly since the last study.

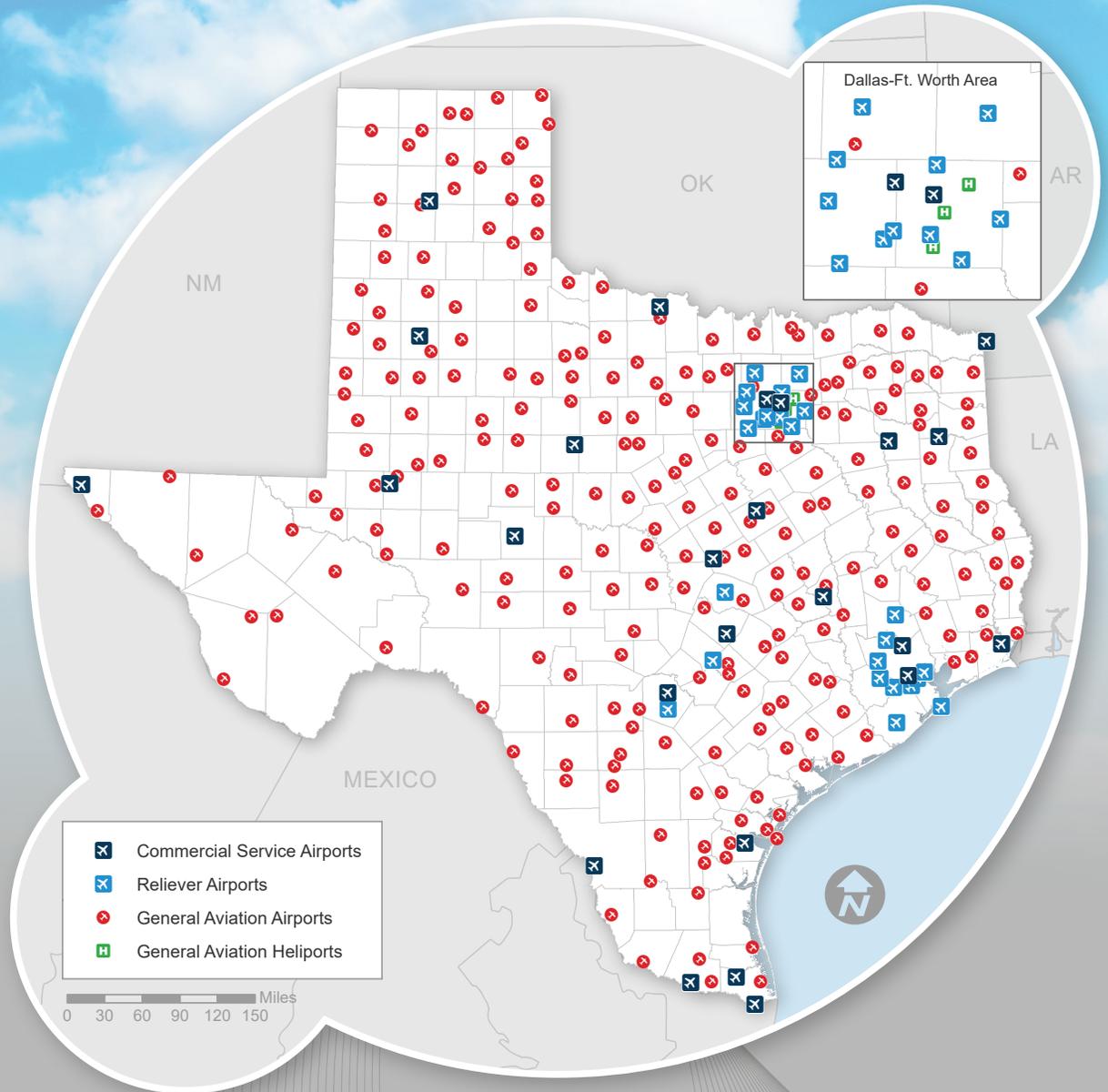


## ALL TEXAS SYSTEM AIRPORTS

Total Jobs **778,955**

Total Payroll **\$30.1 BILLION**

Total Output **\$94.3 BILLION**



The Texas Department of Transportation's Aviation Division commissioned the Texas Aviation Economic Impact Study to measure the economic benefits provided by the state's airport system. The statewide economic impact study shows how Texas airports serve as important economic engines. While the focus of this study is general aviation airports, the impact from commercial service airports was also calculated to present a complete picture of the tremendous benefit created by Texas's robust airport system.

## IN ADDITION TO BUSINESS AND CORPORATE AVIATION, TEXAS AIRPORTS SUPPORT...

### Aerial applications that enhance crop yields

Texas has 482 aerial application aircraft, 10 percent of the total US aerial application fleet, and more than any other state.

### Rapid firefighting responses to wildfires

According to the Insurance Information Institute, Texas had 9,827 wildfires in 2017, more than any other state.

### Air ambulance operators to conduct life-saving flights

According to the Atlas & Database of Air Medical Services, 118 air ambulance aircraft operate from 101 bases in Texas. That's more bases than any other state, and more air ambulances than all but one state.

### Bases for the military to train and maintain flight proficiency

Laughlin Air Force Base, located in Del Rio, is one of the Air Force's primary pilot training facilities. Since the 1950s, it is estimated that 21,000 pilots graduated from Laughlin's undergraduate pilot training program.

### Law enforcement's aerial surveillance of illegal activities

The Texas Department of Public Safety operates a fleet of 15 helicopters, seven fixed wing single-engine aircraft, and one twin-engine aircraft. These aircraft operate from 15 bases around Texas, with 48 pilots and 16 tactical flight officers flying a variety of law enforcement missions.

### First responders to execute search and rescue operations

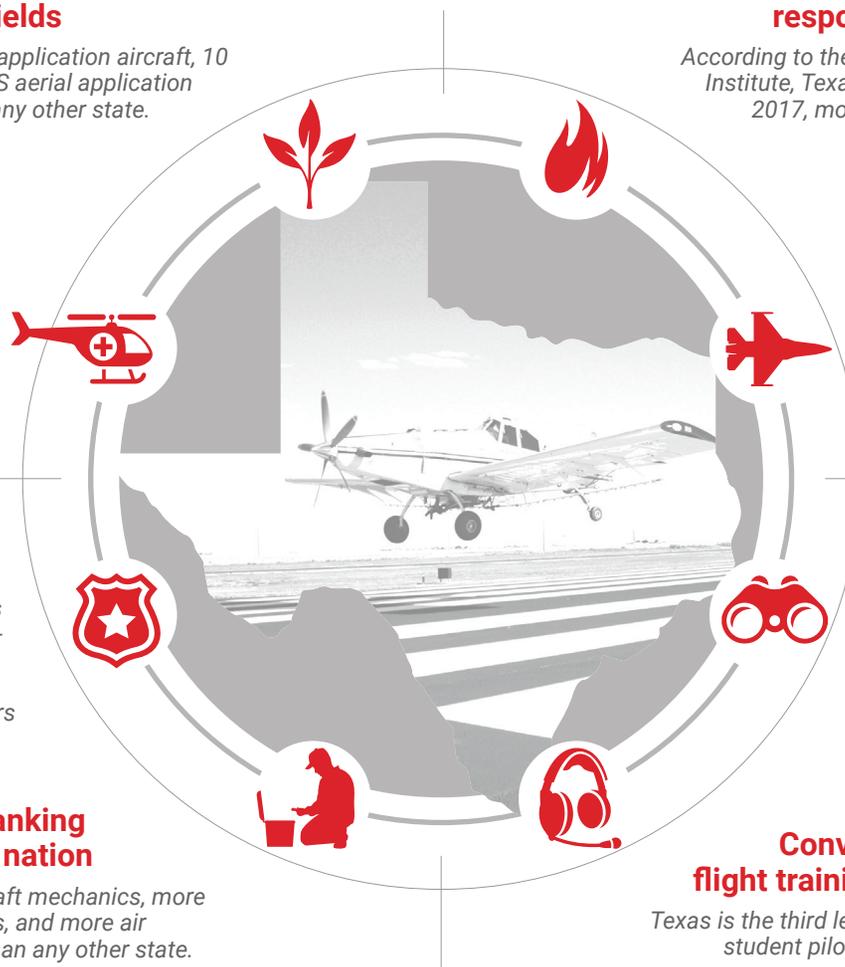
The Texas Wing of the Civil Air Patrol has more than 3,100 volunteer members and more than 30 aircraft. The Civil Air Patrol is responsible for approximately 90 percent of inland search and rescue missions throughout the U.S. and, on average, saves 75 lives annually.

### Aviation jobs, ranking Texas #1 in the nation

Texas has more aircraft mechanics, more operations specialists, and more air transportation jobs than any other state.

### Convenient access to flight training opportunities

Texas is the third leading state in terms of student pilots, with 12,344 in 2017.



## GENERAL AVIATION IN TEXAS

With its expansive open spaces, large metropolitan areas, welcoming attractions, and flourishing business environments, it's no wonder that Texas has more registered aircraft than any other state. These nearly 25,400 aircraft account for 9 percent of all U.S. registered aircraft.

Committed investment of approximately \$70 million annually by the Aviation Division has fostered this airport development and resulted in benefits for all Texans. This means more than simply convenient transportation options via general aviation aircraft. The network of airports across the state provides

many economic and qualitative benefits as highlighted above. All of these aviation assets contributed to the Texas airport system generating a variety of significant economic impacts.

## GENERAL AVIATION AIRPORT SYSTEM

The Texas airport system consists of 289 airports, all of which are available for use by the public. Scheduled commercial airline service can be found at 25 of these airports, with the other 264 airports dedicated to serving the needs of general aviation. These general aviation airports feature a vast array of facilities and activities. Addison Airport is just one of many airports that feature a runway in excess of 7,200 feet and an instrument landing system that is equal to what is found at many commercial service airports. Other airports offer less robust facilities, yet still provide communities with a wide variety of services. For example, Kent County Airport with its 3,300-foot long runway in Jayton is much appreciated by the hunters, aerial sightseers, surveyors, and aerial applicators that use it for easy access to the area.

The economic impacts of these airports take into account a wide variety of aviation services. At the commercial airports, airlines move large volumes of people and cargo through the system with a remarkable safety record. The general aviation airports offer unmatched accessibility across Texas while providing a host of services, such as avionics installation, flight training, environmental surveys, aerial application, charter flights, and aircraft maintenance. All of these activities support jobs in the community and bolster each region's economy.



For many communities, air transportation is essential for attracting and retaining commerce, and the local airport is the valued asset that provides the link to the national air transportation system and the world economy. General aviation airports improve market efficiencies by enabling rapid travel for key company personnel, as well as expeditious product delivery. For example, Aransas County Airport in Rockport serves as a base for shuttling oil workers to and from their offshore platforms. Fort Worth Alliance Airport built its reputation by focusing on serving air cargo needs.

Texas's general aviation airports are also critical to the state's tourism industry. Visitors to the state make frequent use of general aviation airports to enjoy the varied recreational activities – ranging from national and state parks, to major league sporting events, to hunting and fishing opportunities, to world-class resort destinations. During these trips, visitors spend money locally on food, lodging, events, and various other items. For example, numerous visitors pass through Terry County Airport in Brownfield on their way to the region's vineyards and wineries. Smithville Crawford Municipal Airport is frequently a gateway to the Hyatt Lost Pines Golf Resort & Spa, as well as the Circuit of The Americas racetrack.

“ *Flight training is made easier, more efficient, and available throughout Texas because of local airports and local fixed base operators (FBOs).*  
– **San Angelo Regional**

” *[Texas airports are an] invaluable business tool. They allow our company to connect with customers that would otherwise not be possible were it not for airports like CFD.* – **Coulter Field**

“ *[Texas airports are] critically important. I fly Angel Flight patients from rural areas to Anderson and other medical centers regularly.*  
– **Texas Gulf Coast Regional**



# ECONOMIC IMPACTS OF GENERAL AVIATION AIRPORTS

The data shown in this table are the total impacts attributed to airport-related activity. This includes direct impacts from on-airport businesses, capital improvement projects, and off-airport visitor spending. It also accounts for secondary impacts attributed to the multiplier effect.

The impacts of 33 lower activity airports are grouped at the end of the table under the heading Other Airports. These airports are still very important to the state by providing services such as access to remote locations, emergency medical transport, disaster relief, agricultural services, and numerous recreational uses.

Associated City	Airport Name	Total Employment	Total Payroll	Total Output
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
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



## HOW AVIATION'S BENEFITS ARE QUANTIFIED

### IMPACT TYPES

**Direct Impacts** account for activities by on-airport businesses and government agencies, and the off-airport visitor spending at locations such as hotels and restaurants. Direct impacts account for the initial point where money first starts circulating in the economy.

**Multiplier Impacts** result from the recirculation of direct impacts within the boundaries of the economy analyzed. This re-spending of money can occur multiple times and takes two forms – indirect and induced. Indirect impacts occur when companies incur business expenses. Induced impacts occur when employees purchase goods and services.

**Total Economic Impacts** are the combination of all direct and multiplier impacts.

### IMPACT MEASURES

**Employment** measures the number of full-time equivalent (FTE) jobs related to airport activity including visitor-supported and on-airport construction jobs. A part-time employee counts as half of a full-time employee.

**Payroll** measures the total annual salary, wages, and benefits paid to all workers whose livelihoods are directly attributable to airport activity.

**Output** measures the value of goods and services related to airports in Texas. The output of on-airport businesses is typically assumed to be the sum of annual gross sales and average annual capital expenditures.

Associated City	Airport Name	Total Employment	Total Payroll	Total Output
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
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

Associated City	Airport Name	Total Employment	Total Payroll	Total Output
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
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
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

Associated City	Airport Name	Total Employment	Total Payroll	Total Output
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	Draughon-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
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 AIRPORT IMPACTS

Total Employment  
**48,089**

Total Payroll  
**\$2,576,144,000**

Total Output  
**\$9,347,159,000**





Associated City	Airport Name	Total Employment	Total Payroll	Total Output
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
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

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## ECONOMIC IMPACTS OF COMMERCIAL SERVICE AIRPORTS

The 25 commercial service airports in Texas are responsible for more than \$84.9 billion in output, and 730,866 jobs earning more than \$27.5 billion. These facilities directly connect Texans to the region, nation, and the world. Commercial service airports range in size from the 4th busiest airport in the world in terms of operations – Dallas/Ft. Worth International – to airports that serve a single airline operating multiple times per day. In total, these 25 commercial service airports accommodated 80 million enplaned passengers in 2017.

### COMMERCIAL SERVICE AIRPORT IMPACTS

Total Employment  
**730,866**

Total Payroll  
**\$27,502,867,000**

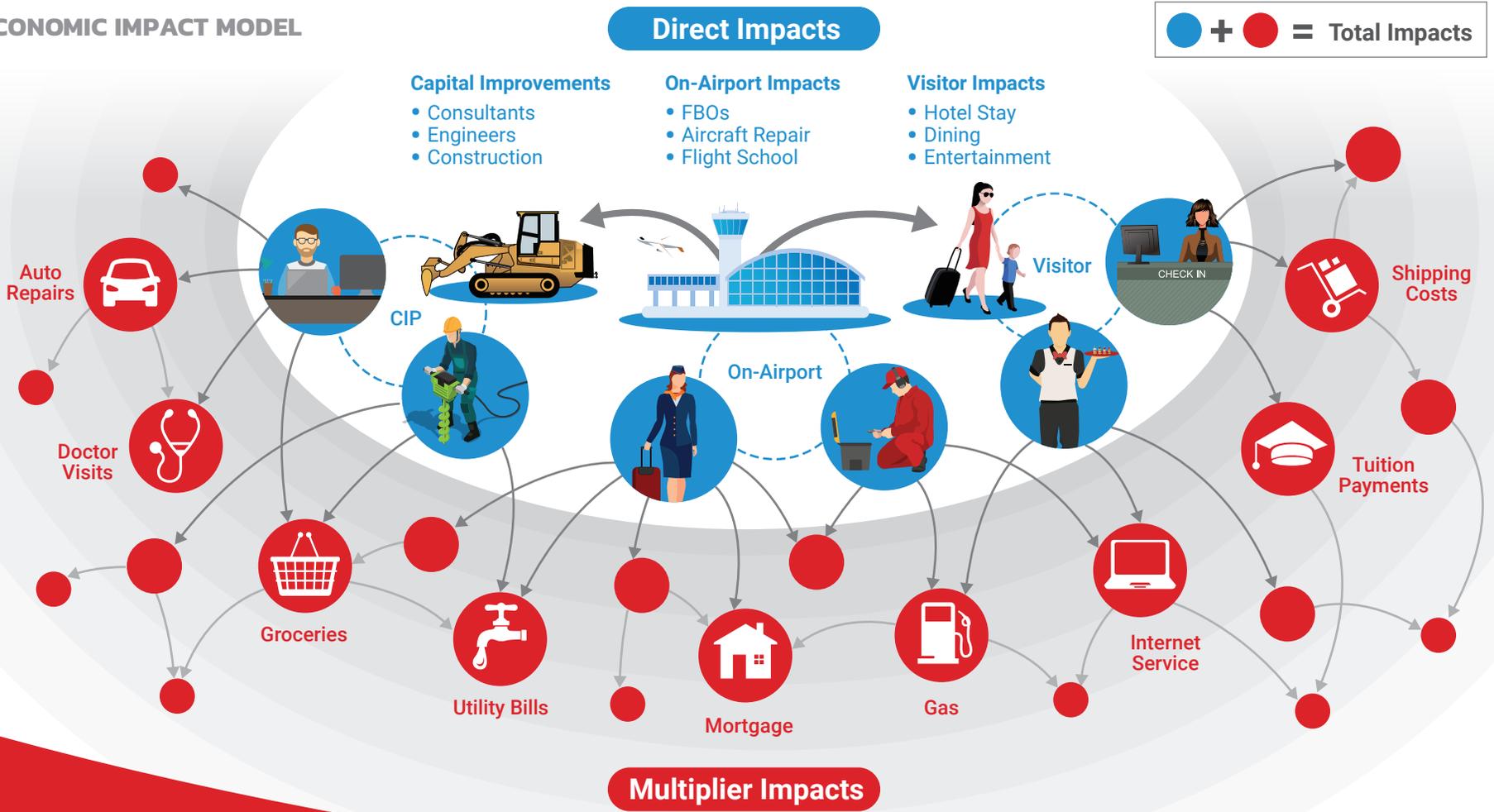
Total Output  
**\$84,903,553,000**

# BEHIND THE NUMBERS

The benefits of an airport go beyond what is seen on the airfield. As the diagram shows, there is a great deal of economic activity that takes place beyond the airport fence. Expenditures by the airport and businesses on the airport trickle through the economy, influencing people and businesses off the airport. For example, when an aircraft mechanic from the airport's maintenance business purchases local goods and services, such as groceries, that spending circulates through the local economy by supporting the jobs and payroll of other businesses and thereby generates additional economic activity that is referred to as multiplier impacts. Additionally, visitors flying to the area typically spend money off the airport. The total impacts reflect all of this economic activity, not just what can be witnessed on the airport. The methodology used in this report, which follows FAA guidelines, has successfully quantified the benefits of airports and airport systems throughout the United States.

The input for this model came from numerous data gathering efforts for each Texas airport. Airport managers, aviation-related businesses, and government agencies were visited and surveyed to collect the data necessary to estimate the employment, payroll, and output each airport supports. Visitors to Texas using general aviation aircraft were also surveyed to estimate the benefits created by their expenditures.

## ECONOMIC IMPACT MODEL



## TEXAS AIRPORTS... DID YOU KNOW?

# 80M

### Passengers Enplaned

Texas's commercial service airports enplane more than 80 million passengers annually.

# 5.7M

### General Aviation Operations

Texas's airports handle 5.7 million general aviation operations annually.

# 1.9M

### Commercial Airline Operations

More than 1.9 million commercial airline operations take place annually at Texas airports.

# 4th

### Busiest Airport in the World

Dallas-Fort Worth International is the fourth busiest airport in the world in terms of aircraft operations.

# 42

### Air Traffic Control Towers

There are 42 air traffic control towers operating at Texas system airports, staffed either by FAA employees or private contractors.

# 289

### System Facilities in Texas

The Texas airport system consists of 289 airports and heliports. Of these, 210 airports are part of the National Plan of Integrated Airport Systems (NPIAS) and are eligible to receive federal funding.

# 25,391

### Registered Aircraft in Texas

There are 25,391 registered aircraft in Texas which makes up 9 percent of all U.S. registered aircraft.

# \$94B

### Annual Economic Output

The economic impact of Texas's system airports is estimated at 778,955 jobs, \$30.1 billion in payroll, and \$94.3 billion in economic output.





For more information on the Texas Aviation Economic Impact Study, go to [txdot.gov/inside-txdot/division/aviation.html](http://txdot.gov/inside-txdot/division/aviation.html) or contact:

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