

STATEWIDE

Annual Economic Impacts

Findings from this study show that statewide all 35 study airports are supporting:

JOBS

12,268



ANNUAL PAYROLL (WAGES/BENEFITS)

\$526.4 MILLION



ANNUAL ECONOMIC OUTPUT

\$1.4 BILLION



ANNUAL LOCAL AND STATE AVIATION TAX REVENUES

\$55 MILLION



JOBS WHOSE EFFICIENCY IS IMPROVED BY USING AVIATION

38,100



Summary of Economic Impacts for CAMP GUERNSEY ARMY AIRFIELD

Findings from the study estimate the annual economic impacts for Camp Guernsey Army Airfield as they relate to Wyoming's statewide economy and to just the economy of the local area the airport serves. Local and state impacts for the airport follow:

JOBS

Local	State
19	21



ANNUAL PAYROLL (WAGES/BENEFITS)

Local	State
\$972,320	\$1,083,340



ANNUAL ECONOMIC OUTPUT

Local	State
\$6,459,080	\$6,958,770



In addition to jobs, payroll, and output benefits, airports in Wyoming support a variety of uses that contribute to the quality of life for all Wyoming residents and businesses. Airports in Wyoming are critical to supporting activities such as emergency response, fire fighting, insect and predator control, and doctor and patient transport. More information on the economic benefits of Camp Guernsey Army Airfield and the state study can be obtained from:



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2013 WYOMING AIRPORTS Economic Impact Study



The Economic Impact of Camp Guernsey Army Airfield

Guernsey, Wyoming

WYOMING

Annual Economic Impacts

The Wyoming Department of Transportation's (WYDOT) Aeronautics Division recently completed a research project to identify potential links between state and local economies and Wyoming's 35 paved public-use commercial and general aviation airports. Statewide, as well as specific impacts for Camp Guernsey Army Airfield, are included in this summary.

The study concluded that airports in Wyoming are important to supporting various aspects of the economy; contributing to state and local tax revenues; improving efficiency for hundreds of Wyoming businesses; and supporting many vital services which help to improve the quality of life for everyone in Wyoming.

The study considered three primary measures to express economic impacts associated with each airport:

- » employment/jobs,
- » annual payroll, and
- » annual output or economic activity.

Airport related economic impacts include both initial and multiplier impacts. Initial economic impact activities, as discussed in this report, are impacts that start with the day-to-day operation of each airport or with spending by visitors who arrive by air. Multiplier impacts are associated with the re-circulation of initial impacts in the economy being studied. Total impacts in this report are the sum of initial and multiplier impacts. All statewide economic impacts were estimated using a state model. Economic impacts for each airport were estimated using the state model, but were also estimated using a county-based model specific to each airport to quantify each airport's local economic impact.

Study Airports



- Commercial Service Airports
- Business Airports
- Intermediate Airports
- Local Airports

Camp Guernsey Army Airfield (GUR)

ANNUAL ECONOMIC IMPACTS

For all study airports, including Camp Guernsey Army Airfield, initial, multiplier, and total airport related economic impacts were estimated in the following categories:

ON-AIRPORT

- » Airport administration, operation, and maintenance
- » Airport tenants or businesses
- » Capital investment to improve, maintain, or expand study airports



OFF-AIRPORT

- » Spending associated with visitors who arrive by air



Study analysis shows that Camp Guernsey Army Airfield supports 12 initial jobs related to on-airport activities. These jobs are associated with airport management, aviation businesses that may operate at the airport, and capital investment. When airport related capital investment is made, over the duration of the project, jobs and associated economic impacts are realized.

While some visitors occasionally arrive in Wyoming via the airport, the level of spending associated with these visitors is not sufficient to support a full-time initial or direct job in the visitor spending category. Nevertheless, economic impact in the general aviation visitor category does result in some economic benefit for the airport's immediate market area.

Data to develop estimates of economic impact for the airport came from airport administration, any businesses that operate at the airport, and surveys of visitors using the airport.

Annual Economic Impacts of the Camp Guernsey Army Airfield on the Local Economy

Total initial employment for Camp Guernsey Army Airfield was estimated at **12 jobs**. As these initial jobs and the payroll and annual output associated with them enter the airport's local economy, additional multiplier jobs, payroll, and output are supported. The accompanying tables show annual economic impacts estimated using a local model for the airport's market area.

Local Economic Impacts From Airport Administration, Airport Tenants, and Capital Investment

IMPACTS	INITIAL	MULTIPLIER	TOTAL
Jobs	12	7	19
Payroll	\$759,400	\$203,920	\$963,310
Output	\$5,644,900	\$779,320	\$6,424,220

Local Economic Impacts From General Aviation Visitor Spending

IMPACTS	INITIAL	MULTIPLIER	TOTAL
Jobs	<1	<1	<1
Payroll	\$7,000	\$2,140	\$9,000
Output	\$26,140	\$8,730	\$34,860

Annual State and Local Aviation Tax Impacts for Camp Guernsey Army Airfield

Airport and visitor related activities result in contributions to both local and state tax revenues. The WYDOT study estimated that on an annual basis activities supported by Camp Guernsey Army Airfield contribute an estimated **\$33,370 in state and local tax revenues**.

ANNUAL LOCAL AND STATE AVIATION TAX REVENUES

\$33,370



Aviation Benefits to Area Residents, Businesses, and Organizations

As part of this project, airports, airport tenants, airport visitors, and area businesses and residents were contacted to determine how they benefit from Camp Guernsey Army Airfield. Flight records from the airport show that businesses and individuals use the airport to support their travel. Study interviews revealed that airports support medical related needs for Wyoming residents; airports bring medical specialist to local hospitals and enable residents to travel to more distant medical facilities for advanced treatment. Local businesses rely on general aviation airports for their employees and for customers and vendors who fly to Wyoming to visit them.

General Aviation Flights



This map provides a partial representation of GA departures and arrivals at Camp Guernsey Army Airfield. Flight records indicate that in 2013, in addition to facilitating air travel to various locations in Wyoming, the airport supported direct flights to 10 other different states.

The airport supports many different types of users and businesses. This research identified some of the airport's more frequent users as follows: Neo Tech Solutions, the U.S. Army Corps of Engineers, Bunker Shepard, Source Gas, BNSF Railway, Cheney Livestock, Tallgrass Energy, University of Wyoming, the Wyoming National Guard, and the JTEC (Joint Training and Experimentation Center).

Example Benefits From Camp Guernsey Army Airfield

The JTEC (Joint Training and Experimentation Center), a center responsible for the development and testing of robotic systems for military use for both ground and air operations, relies on the airport. The following entities comprise JTEC: Camp Guernsey Joint Training Center, the U.S. Army Corps of Engineers, the Air Force Research Laboratory, the Wyoming National Guard, and the University of Wyoming. Ground robotic systems are focused on increasing the safety of troops by finding unexploded ordnance in active war zones. JTEC is also developing unmanned aerial systems that are being tested by the 90th Ground Combat Training Squadron. JTEC relies on the airport and supports high-tech jobs in the Guernsey area; the company employs software, robotic, avionic, electrical, and mechanical engineers.

Several companies use the airport to conduct aerial inspections. Source Gas and Tallgrass Energy use the airport to inspect their pipelines and BNSF Railway uses the airport to conduct aerial inspections of their railroad tracks. Cheney Livestock uses the airport to fly aerial inspections of wildlife and livestock and to carry out predator control. All of these activities are supported by the airport and help add to the efficiency and the productivity of these airport users.

Camp Guernsey Army Airfield has employees in air traffic control and in a firefighting department that are beneficial to the needs of those using the airport, as well as to the community at large. Facilities at the airport, in terms of approach capabilities and weather reporting systems, have been upgraded to support not only civilian use of the airport but also various military users.

Over 55% of Wyoming is classified as farmland; crop production is important to the state's economy. Agricultural spraying is important to the success of crop production in Wyoming. Crops are sprayed for both pest and weed control, helping to increase production per acre. During growing seasons, Bunker Shepard is an aerial applicator that uses the airport for its spraying operations.

Note: More examples of airport-specific users are included in the technical report.

