



Arnold Field

Aviation Moves Tennessee

Tennessee's aviation system is made up of 78 public-use airports, which serve aviation needs from commercial passenger jet operations to single-engine recreational flights. To understand how Tennessee's airports support the state's economy, the Tennessee Department of Transportation (TDOT) Aeronautics Division undertook the Aviation Economic Impact Study. This study determined that Tennessee's aviation system generated **220,936 jobs** and contributed **\$40 billion** in 2019 to the state's economy, accounting for **11%** of Tennessee's 2019 gross domestic product (GDP).

About Arnold Field

Situated in west Tennessee only minutes from the Mississippi River, Arnold Field (M31) is next to U.S. Highway 51 and provides convenient access to Dyersburg and Memphis. The airport's 4,700-foot runway primarily accommodates general aviation activity, including daily aerial agriculture application operations. This activity is operated by the city-owned fixed-based operator and the airport's sole tenant, Aero Works, which is staffed by eight employees. Local businesses like Davis Mobile Homes and Mays Refrigeration use Arnold Field for connectivity into and out of the region.

Arnold Field was formally the Dyersburg Army Air Base during World War II, serving as the largest combat aircrew training school and the only inland B-17 Flying Fortress training base east of the Mississippi River. To commemorate the Base and the personnel stationed, Arnold Field has the onsite Veterans Museum, which attracts numerous visitors.

Airport Economic Impacts

\$ BUSINESS REVENUE **\$837**
thousand

✈ ON-AIRPORT IMPACTS **\$835**
thousand

👤 VISITOR SPENDING IMPACTS **\$2**
thousand

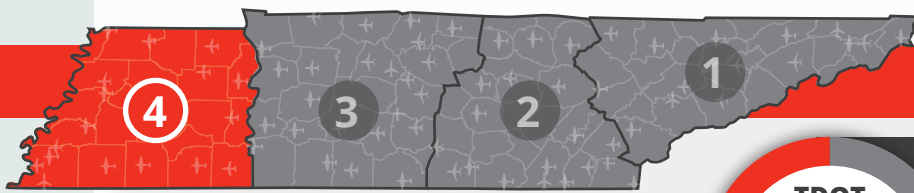
👥 JOBS
13
employed

💰 PAYROLL
\$486
thousand

📈 VALUE
ADDED
\$601
thousand

Airport economic impact terms are defined on the second page.

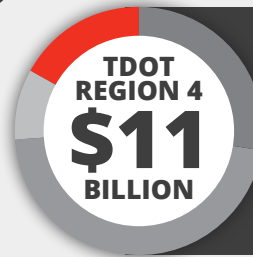




Region 4 Profile

Region 4 is located in west Tennessee and covers a diverse region that borders five additional states, including Kentucky, Missouri, Arkansas, Mississippi, and Alabama. The Region's **20 airports** support recreational and business users both within Tennessee and in bordering states.

Memphis International Airport (MEM) is the **second-busiest air cargo airport in the world**, thanks to the presence of the FedEx global hub. Memphis International Airport (MEM) is supported by **three general aviation airports** in Memphis and nearby Millington. One of these airports, Millington-Memphis Airport (MQA), is adjacent to the Canadian National Railroad and the Millington Industrial Park, meaning the airport operates as part of **an intermodal transportation hub**, supporting industry both within and outside the Region. Region 4 airports also support the area's agriculture industry, with **five aerial application companies** being based at airports in the Region. These based tenants employ a total of **19 employees** and contribute **\$724 thousand** in direct economic impact to the state. In 2019, Region 4's airports welcomed approximately **1.1 million visitors**, generated **59,609 jobs**, and contributed **\$11 billion** to the state's economy.



ON-AIRPORT		\$5.1 BILLION
VISITOR SPENDING		\$1.5 BILLION
FREIGHT/CARGO		\$4.7 BILLION



TOTAL ECONOMIC
IMPACT

\$40 BILLION

AVIATION CONTRIBUTES

11%

OF TENNESSEE'S
GROSS DOMESTIC
PRODUCT (GDP)

What is Economic Impact?

The economic impacts of each airport, TDOT Region, and the state are defined by the total jobs, payroll, value added, and business revenue generated by aviation in the state.

JOBS **220,936 employed**

Number of employed people, including full-time and part-time

PAYROLL **\$13 billion**

Total employment compensation, including wages and other benefits (e.g., healthcare insurance payments, retirement contributions, etc.); also known as "labor income"

VALUE ADDED **\$21 billion**

The economic productivity of each aviation-related business establishment, calculated as business revenue earned minus the cost of purchasing goods and services from other businesses; also reflects a company's or industry's contribution to Tennessee's GDP

BUSINESS REVENUE **\$40 billion**

The incorporation of expenditures needed to administer airports, sales of goods and services by airport tenants, budget expenditures to public sector agencies located on airports, the cost of capital expenditures, and visitor spending in Tennessee's hospitality-related sectors; the term "economic impact" is also used to describe business revenues

Statewide Aviation Benefits

The statewide economic impact of Tennessee's airports consists of three major categories: On-Airport Activity, Visitor Spending, and Freight/Cargo. Together, they account for **\$40 billion** in economic impact for Tennessee.

On-Airport Activity

TOTAL OUTPUT \$12 billion

Impacts related to the activity of airport administration, business tenants, and capital improvements on airports

Visitor Spending

TOTAL OUTPUT \$9 billion

Impacts related to out-of-state visitor spending at both commercial service and general aviation airports

Freight/Cargo

TOTAL OUTPUT \$19 billion

Impacts related to air cargo operations