Regional Economic Impact of BWI Marshall Airport

December 2017
A Message from the Governor of Maryland

Baltimore/Washington International Thurgood Marshall Airport is a key transportation and economic development resource, and ensures that Maryland plays a key role in the 21st global marketplace. This major transportation asset supports travel, trade, and business development, and links Maryland with the world. In recent years, our airport has experienced record growth and opened gateways to new domestic and international destinations.

BWI Marshall continues to grow for both passengers and cargo shippers, with new airlines and service to new markets. This updated study details how the airport has maintained steady development and now generates a $9.3 billion economic impact for the state. More than 106,000 jobs are now created and supported by the airport and visitors.

As BWI Marshall Airport soars to new heights with record passenger traffic and growing cargo shipments, we remain committed to providing customers with outstanding aviation facilities and services. Our administration will continue working to improve BWI Marshall to meet the needs of Maryland residents, businesses, and visitors.

Larry Hogan
Governor of Maryland
A Message from the Maryland Secretary of Transportation

The Maryland Department of Transportation is a customer-driven leader that delivers safe, sustainable, intelligent, and exceptional transportation solutions in order to connect our customers to life’s opportunities. Our work ensures that customers receive an efficient, first-class network of highway, rail, airport, and seaport services.

Baltimore/Washington International Thurgood Marshall Airport is owned by the State of Maryland and operated by the Maryland Department of Transportation Maryland Aviation Administration. Serving more than 25 million passengers per year, BWI Marshall is the 22nd busiest in the United States, and the busiest in the Washington-Baltimore region. Commercial air service includes more than 330 daily nonstop departures and flights to nearly 90 domestic and international destinations.

BWI Marshall Airport serves as the hub of Maryland’s extensive transportation network, connecting Maryland with the country and the world. Strategically located at the center of a large metropolitan region, BWI Marshall Airport is linked by a well-planned transportation infrastructure, including excellent highway connections and mass transit, with easy access to the Port of Baltimore.

MDOT continues working to improve our airport, to make it more user-friendly, efficient, and cost-effective. We commit the resources to manage the airport’s current growth, as well as to maintain the high level of service and convenience that our customers expect. From an expanded cargo facility to an improved passenger terminal, we are building to meet the needs of our traveling and shipping customers. Our commitment will help ensure BWI Marshall Airport’s position as a tremendous resource for Maryland.

Pete Rahn
Maryland Secretary of Transportation
A Message from the 
Maryland Aviation Administration Executive Director

I am proud to present this updated study that measures the growing economic impact of BWI Marshall Airport. The report evaluates the airport’s contribution to the employment and tax base, and quantifies the revenue generated by airport activity. The updated study underscores the importance of the airport to the Maryland economy.

As Maryland’s international gateway for business, BWI Marshall Airport continues to grow. In recent years, we have expanded the airport to provide additional airline and cargo capacity, along with new passenger amenities. Our next phase of growth is underway, as we further grow and improve the airport’s international terminal. This major capital project will add traveler services and create further international capacity. The expanded facilities will serve passengers and airlines as BWI Marshall creates new global opportunities in coming years.

Since our last study based on 2014 data, the economic impact of BWI Marshall has grown significantly. The airport generates and supports almost 9,000 additional jobs, personal income related to airport activities increased about $286 million, and tax revenue for state and local governments grew by approximately $56 million. The overall value of BWI Marshall Airport grew by nearly $1 billion since the last economic impact study.

I thank our customers, partners, and stakeholders for the strong support. As the airport continues to grow, I acknowledge all MDOT MAA employees for their talent, dedication, and hard work that have led to the continued success of BWI Marshall Airport.

Ricky Smith
Executive Director
Maryland Department of Transportation
Maryland Aviation Administration
OVERVIEW

ECONOMIC IMPACT OF BWI

$9.3 BILLION Total Economic Impact
106,488 Total Jobs
4.1 BILLION Total Earnings
591.9 MILLION Total State & Local Taxes

AIRPORT-GENERATED

$4.4 B Total Economic Impact
24,211 Total Jobs
$1.6 B Total Earnings
$175.4 M Total State/Local Taxes

VISITOR-GENERATED

$4.9 B Total Economic Impact
82,277 Total Jobs
$2.5 B Total Earnings
$416.5 M Total State/Local Taxes

IMPACT ON STATE AND LOCAL REVENUE (MILLIONS)

State Taxes $336.2
Local Taxes $255.7
EMPLOYMENT

AIRPORT AND VISITOR DIRECT JOBS BY SECTOR

Restaurant 39.2%
Hotel 28.2%
Airline/Airport Services Sector 16.3%
Retail 4.1%
In-Town Transportation 2%
Ground Transportation 2.7%
Construction/Consulting 1.7%
Freight Transportation 0.7%
Travel Agents 0.3%

RESIDENCY

Airport-generated direct job holders reside in Maryland and the surrounding states.

Baltimore County 30.6%
Anne Arundel County 25.7%
Baltimore City 21.2%

Other Maryland 5.9%
Howard County 4.8%
Harford County 2.8%
Southern Pennsylvania 2.7%
Prince Georges County 2.6%
Carroll County 1.5%
Montgomery County 1.4%
Delaware 0.8%

Airport-generated direct job holders reside in Maryland and the surrounding states.

AIRPORT GENERATED
12,753 Direct Jobs

VISITOR GENERATED
46,857 Direct Jobs

11,458 Induced & Indirect Jobs

35,420 Induced & Indirect Jobs

24,211 Total Jobs

82,277 Total Jobs

AIRPORT AND VISITOR GENERATED

Direct Jobs Induced & Indirect Jobs

Total Jobs

46,857 Direct Jobs

35,420 Induced & Indirect Jobs

82,277 Total Jobs

EMPLOYMENT
5.8 M VISITORS

$4,114.5 M VISITOR-GENERATED REVENUE/PURCHASES

VISITOR EXPENDITURES

<table>
<thead>
<tr>
<th>Length of Stay (Nights)</th>
<th>Expenditures Per Day</th>
</tr>
</thead>
<tbody>
<tr>
<td>Domestic Business</td>
<td>2.6</td>
</tr>
<tr>
<td>Domestic Pleasure</td>
<td>3.1</td>
</tr>
<tr>
<td>International Business</td>
<td>4.9</td>
</tr>
<tr>
<td>International Pleasure</td>
<td>4.5</td>
</tr>
</tbody>
</table>

Based on FY 2017 (PAX AND FLIGHTS PER DAY BASED ON TOTAL/365)

Number of Destinations: 90
Number of Passengers Annually: 25,686,444
Number of Passengers Per Day: 70,374
Number of Flights Annually: 253,238
Number of Flights Per Day: 694
FLOW OF ECONOMIC IMPACT

Maryland Airport Activity

Business Revenue

Payroll

RETAINING EARNINGS, DIVIDENDS & INVESTMENTS

Local Purchases

Direct Jobs

Personal Income (re-spending)

Induced Jobs

Indirect Jobs

TAXES
IMPROVING CUSTOMER EXPERIENCE

CAPITAL EXPENSE SUMMARY

<table>
<thead>
<tr>
<th>Year</th>
<th>FY16</th>
<th>FY17</th>
<th>FY18 through FY22</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amount</td>
<td>$253 M</td>
<td>$177 M</td>
<td>$374 M</td>
</tr>
</tbody>
</table>

AIRPORT UPGRADES

The Concourse D and E connector project provides additional international airline capacity and new passenger services, including a new security checkpoint to serve domestic and international passengers.

The Concourse B and C project provides a new security checkpoint and connector.

Concourse E expansion provides additional international capacity.

TERMINAL UPGRADES

- Pavement rehabilitation/improvements and new pavement construction
- Runway safety improvements
- Cargo expansion
Delaware 0.8%
Montgomery County 1.4%
Carroll County 1.5%
Prince Georges County 2.6%
Southern Pennsylvania 2.7%
Harford County 2.8%
Howard County 4.8%
Other Maryland 5.9%