

AN OXFORD ECONOMICS COMPANY

The Ohio Visitor Economy *Appalachia Region* 2021

July 2022

Prepared for: Tourism Ohio







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INTRODUCTION PROJECT BACKGROUND

The travel sector is an integral part of the Ohio's economy. Visitors generate significant economic benefits to households, businesses, and government alike and represent a critical driver of the state's future. How critical? In 2021, tourism-supported jobs accounted for more than 7.3% of all jobs in the state.

By monitoring the visitor economy, policymakers can inform decisions regarding the funding and prioritization of the sector's development. They can also carefully monitor its successes and future needs. This is particularly true for Ohio as it builds upon its tourism economy. By

METHODOLOGY AND DATA SOURCES

An IMPLAN input-output model was constructed for the state of Ohio. The model traces the flow of visitor-related expenditures through the state's economy and their effects on employment, wages, and taxes. IMPLAN also quantifies the indirect (supplier) and induced (income) impacts of tourism. Tourism Economics then cross-checked these findings with employment and wage data for each sector to ensure the findings are within reasonable ranges.

Visitors included those who stayed in overnight accommodations or those who came from a distance greater than 50 miles and deviated from their normal routine.

The primary source of the employment and wage data is the Regional Economic Information System (REIS), maintained by the Bureau of Economic Analysis. establishing a baseline of economic impacts, the industry can track its progress over time.

To quantify the significance of the visitor economy in Ohio, Tourism Economics developed a comprehensive model detailing the far-reaching impacts arising from visitor spending. The results of this study show the scope of the visitor economy in terms of direct visitor spending, along with total economic impacts, jobs, and fiscal (tax) impacts in the broader economy.

This is more comprehensive than Bureau of Labor Statistics (ES202/QCEW) data because sole-proprietors do not require unemployment insurance and are not counted in the ES202 data.

The analysis draws on the following data sources:

- Longwoods International: survey data, including spending and visitor profile characteristics for visitors to Ohio
- Bureau of Economic Analysis and Bureau of Labor Statistics: employment and wage data, by industry
- STR lodging performance data, including room demand, room rates, occupancy, and room revenue, for hotels and short-term rentals.
- Tax collections: Lodging and sales tax receipts
- Tourism Economics: international travel data for overseas, Canadian, and Mexican travel to Ohio based on aviation, survey, and credit card information

APPALACHIA REGION SUMMARY ECONOMIC IMPACTS

Direct visitor spending of \$4.0 billion generated tourism's total economic impact of \$6.9 billion, including 65,353 total jobs (including full-time and part-time jobs) with associated labor income of \$1.6 billion in 2021.



\$6.9B Total Economic Impact

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\$4.0BM Direct Visitor Spending



\$1.6B Total Labor Income Impact





FISCAL IMPACTS **TAX REVENUES**

The economic impacts attributable to tourism generated significant fiscal (tax) impacts as they cycled through the regional economy. Overall, tourism generated \$925 million in tax revenues in 2021.















\$577 Per household in tax burden relief

ECONOMIC IMPACTS STATE OF OHIO



ECONOMIC IMPACTS **OHIO KEY FINDINGS**

TOURISM'S DIRECT SPENDING IMPACT

The Ohio visitor economy spans multiple industries. International and domestic visitors support business in accommodations, food and beverage, recreation, retail shopping, local transportation and air travel. In 2021, total direct visitor spending tallied \$35.1 billion, including \$200 million from international visitors.



\$34.9B Spending by

Domestic Visitors



\$0.2B

Spending by International Visitors





Total Direct Spending Impact

TOURISM'S TOTAL ECONOMIC IMPACTS

The direct visitor spending impact of \$35.1 billion generated a total economic impact of \$60.5 billion in Ohio in 2021 including indirect and induced impacts. This total economic impact sustained 497,000 jobs and generated \$4.1 billion in state and local tax revenues in 2021.



SUMMARY ECONOMIC IMPACTS Ohio Tourism (2021)



\$60.5B

Direct Visitor Spending

\$35.1B

Total Economic

Impact

TOTAL VISITORS

Ohio welcomed 219 million visitors, mostly domestic, in 2021.









Total Jobs Generated





State & Local Taxes Generated



VISITATION & VISITOR SPENDING

Ohio hosts millions of visitors each year, including in-state and out-of-state travelers. Following severe COVID-related declines the prior year, 2021 was a year of recovery in which direct visitor spending reached \$35.1 billion. Visitor volume totaled 218.8 million, with domestic visitation accounting for 218.6 million.

VISITOR VOLUME

Recovery in 2021

Visitor volume and spending were severely impacted in 2020 by COVID-19 restrictions and closures.

In 2021, travel confidence rebounded with easing restrictions and effective vaccines. With a 9% gain in 2021, visitor levels nearly recovered to pre-pandemic levels and finished the year at 97% of 2019 volumes.

Ohio visitor volume



Sources: Longwoods Int'l, Tourism Economics

VISITOR SPENDING

Visitors to Ohio spent \$35.1 billion across a wide range of sectors in 2021.

Visitor spending expanded 21.6% in 2021, driven by strong volume and higher prices in most sectors. With recovery in 2021, spending levels reached 92% of 2019 levels.

Of the \$35.1 billion spent in Ohio in 2021 by visitors, food and beverage accounted for \$8.5 billion, 24% of the average visitor dollar. Retail captured 15%, a total of \$5.3 billion.

Transportation, including both air and transportation within the destination, comprised 36%, with lodging spending capturing 11%. Recreational spending tallied \$4.9 billion in 2021–14% of each visitor dollar.

Ohio visitor spending

Amounts in \$ billions



Sources: Longwoods Int'l, Tourism Economics



□] \$35.1 BILLION

Total Visitor Spending in 2021 (Domestic & International)



\$8.5B FOOD & BEVERAGE

Full-service restaurants. fast food, convenience stores, bars, grocery stores





Souvenirs, general merchandise, malls, shopping centers



\$12.5B TRANSPORTATION

Taxis, buses, parking, public transportation, car rentals, gasoline



\$3.9B LODGING

Hotels, motels, private home rentals, second homes

\$4.9B RECREATION

Theaters, amusements, entertainment venues, other rec

Source: Tourism Economics

Note: Lodging spending is calculated as an industry, including meetings, catering, etc. Spending also includes dollars spent on second homes. Transport includes both air and local transportation.

ECONOMIC IMPACTS **KEY FINDINGS**

Ohio visitor spending and annual growth

Amounts in \$billions, 2021 % change, and % recovered relative to 2019

						2021	
	2017	2018	2019	2020	2021	Growth	% of 2019
Total visitor spending	\$35.16	\$36.78	\$38.26	\$28.88	\$35.12	21.6%	91.8%
Food & beverage	\$8.97	\$9.34	\$9.79	\$7.07	\$8.49	20.1%	86.7%
Retail	\$4.92	\$5.07	\$5.30	\$4.65	\$5.28	13.5%	99.6%
Transportation**	\$11.56	\$12.19	\$12.60	\$10.14	\$12.53	23.6%	99.5%
Lodging*	\$3.76	\$3.95	\$4.11	\$2.67	\$3.88	45.7%	94.6%
Recreation	\$5.96	\$6.23	\$6.47	\$4.36	\$4.94	13.3%	76.3%

Source: Tourism Economics

* Lodging includes second home spending

** Transportation includes both ground and air transportation

Visitor volume and spending

Amounts in mils of persons, \$mil, and \$ per person

						2021
	2017	2018	2019	2020	2021	Growth
Total visitors, mils	218.9	221.7	226.5	200.9	218.8	9.0%
Domestic	218.0	220.7	225.6	200.7	218.6	9.0%
International	1.0	1.0	1.0	0.2	0.2	7.7%
Visitor spending, \$bils	\$35.16	\$36.78	\$38.26	\$28.88	\$35.12	21.6%
Domestic	\$34.04	\$35.57	\$37.05	\$28.68	\$34.88	21.6%
International	\$1.13	\$1.21	\$1.20	\$0.21	\$0.24	16.2%
Per visitor spending, \$	\$161	\$166	\$169	\$144	\$160	11.6%
Domestic	\$156	\$161	\$164	\$143	\$160	11.7%
International	\$1,172	\$1,201	\$1,239	\$1,058	\$1,141	7.9%

Source: Tourism Economics

Business sales impacts by industry (2021)

Amounts in billions of nominal dollars

	Direct Business Sales	Indirect Business Sales	Induced Business Sales	Total Business Sales
Total, all industries	\$ 35.12	\$ 11.78	\$ 13.58	\$ 60.49
Retail Trade	\$ 11.15	\$ 0.19	\$ 1.17	\$ 12.51
Finance, Ins and RE	\$ 3.36	\$ 2.96	\$ 4.19	\$ 10.51
Food & Beverage	\$ 7.63	\$ 0.33	\$ 0.72	\$ 8.68
Other Transport	\$ 4.71	\$ 1.18	\$ 0.33	\$ 6.21
Recreation and Ent.	\$ 4.05	\$ 0.31	\$ 0.24	\$ 4.60
Business Services	\$ -	\$ 2.98	\$ 1.24	\$ 4.22
Lodging	\$ 2.68	\$ 0.00	\$ 0.00	\$ 2.69
Education and Health Care	\$ -	\$ 0.04	\$ 2.57	\$ 2.61
Personal Services	\$ 0.89	\$ 0.52	\$ 0.81	\$ 2.22
Manufacturing	\$ -	\$ 0.81	\$ 0.52	\$ 1.33
Construction and Utilities	\$ -	\$ 0.86	\$ 0.39	\$ 1.25
Communications	\$ -	\$ 0.71	\$ 0.51	\$ 1.22
Wholesale Trade	\$ -	\$ 0.57	\$ 0.63	\$ 1.19
Air Transport	\$ 0.66	\$ 0.05	\$ 0.07	\$ 0.78
Government	\$ -	\$ 0.15	\$ 0.12	\$ 0.27
Agriculture, Fishing, Mining	\$ -	\$ 0.12	\$ 0.08	\$ 0.20

Tourism business sales impacts by industry (2021)

Amounts in billions of nominal dollars



ECONOMIC IMPACTS OHIO REGIONAL SUMMARY

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ECONOMIC IMPACTS **OHIO REGIONAL SUMMARY**

Cleveland (Northeast), Columbus (Central), and Cincinnati (Southwest), are key destinations and influence the distribution of the tourism economy across Ohio.

Ohio tourism business sales by region

% of total



Ohio tourism business sales by region

Amounts in \$billions

	Dire	ect Sales	Τc	otal Sales
Total	\$	35.12	\$	60.49
Region				
Northeast	\$	12.65	\$	21.75
Central	\$	8.41	\$	14.46
Southwest	\$	8.16	\$	14.04
Northwest	\$	4.65	\$	8.03
Southeast	\$	1.26	\$	2.20

Source: Tourism Economics

Ohio tourism business sales trends by region

Amounts in \$billions, growth in annual % change

		2017		2018		2019	2020	20
Ohio total	\$	35.16	\$	36.78	\$	38.26	\$ 28.88	\$ 35.1
Levels, \$bils								
Northeast	\$	13.00	\$	13.65	\$	13.84	\$ 10.40	\$ 12.
Central	\$	8.51	\$	8.81	\$	9.31	\$ 6.79	\$ 8.4
Southwest	\$	8.23	\$	8.55	\$	9.04	\$ 6.79	\$ 8.7
Northwest	\$	4.26	\$	4.54	\$	4.81	\$ 3.84	\$ 4.6
Southeast	\$	1.16	\$	1.23	\$	1.25	\$ 1.07	\$ 1.:
Ohio total, % chan	ge			4.6%		4.0%	-24.5%	21.6
Northeast				5.0%		1.5%	-24.9%	21.
Central				3.5%		5.7%	-27.1%	23.
Southwest				3.9%		5.8%	-24.9%	20.
Northwest				6.5%		5.9%	-20.2%	21.
Southeast				6.0%		1.5%	-14.8%	18.
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Ohio tourism Amounts in nur	ALT COMPANY AND		on					
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ECONOMIC IMPACTS **APPALACHIA REGION**



APPALACHIA REGION

ECONOMIC IMPACTS **APPALACHIA REGION**

Appalachia region tourism impacts

	Total Sales \$mils	Total Jobs	Total Income \$mils	Total Tax Revenue \$mils
Regional Total	\$6,903.4	65,353	\$1,560.1	\$924.6
County				
Adams	\$49.6	723	\$20.1	\$7.0
Ashtabula	\$682.4	4,009	\$90.6	\$86.6
Athens	\$203.9	2,323	\$59.0	\$28.4
Belmont	\$255.0	2,489	\$65.6	\$35.0
Brown	\$56.6	931	\$20.4	\$7.9
Carroll	\$88.6	698	\$17.9	\$11.5
Clermont	\$629.0	5,772	\$170.3	\$84.8
Columbiana	\$288.9	2,514	\$58.3	\$37.3
Coshocton	\$62.6	752	\$16.4	\$8.3
Gallia	\$85.5	1,007	\$24.3	\$11.7
Guernsey	\$219.2	1,792	\$49.4	\$30.0
Harrison	\$16.2	170	\$3.1	\$2.0
Highland	\$52.3	1,051	\$15.8	\$7.1
Hocking	\$233.6	1,569	\$33.6	\$33.5
Holmes	\$306.1	2,250	\$50.7	\$40.7
Jackson	\$45.1	955	\$18.0	\$6.5
Jefferson	\$223.3	2,290	\$58.1	\$29.9
Lawrence	\$53.2	1,034	\$26.7	\$8.2
Mahoning	\$999.6	9,967	\$234.0	\$135.1
Meigs	\$15.4	266	\$6.3	\$2.0
Monroe	\$8.3	122	\$2.4	\$1.0
Morgan	\$22.2	173	\$2.6	\$2.6
Muskingum	\$254.5	3,148	\$76.5	\$35.7
Noble	\$6.0	151	\$2.7	\$0.8
Perry	\$12.1	283	\$6.4	\$1.7
Pike	\$32.4	577	\$12.5	\$4.6
Ross	\$217.1	2,836	\$68.0	\$30.7
Scioto	\$247.7	2,380	\$54.7	\$32.5
Trumbull	\$842.4	7,674	\$165.8	\$110.7
Tuscarawas	\$405.6	3,304	\$75.8	\$53.0
Vinton	\$25.5	199	\$4.7	\$3.4
Washington	\$263.3	1,944	\$49.5	\$34.4

Source: Tourism Economics

Tourism business sales by county

Amounts in \$millions

	Direct Sales \$mils	Total Sales \$mils
Region total	\$3,976.8	\$6,903.4
County		
Mahoning	\$581.2	\$999.6
Trumbull	\$489.2	\$842.4
Ashtabula	\$396.6	\$682.4
Clermont	\$358.1	\$629.0
Tuscarawas	\$235.4	\$405.6
Holmes	\$176.4	\$306.1
Columbiana	\$166.9	\$288.9
Washington	\$152.3	\$263.3
Belmont	\$147.3	\$255.0
All others	\$1,273.2	\$2,231.0







ECONOMIC IMPACT **APPALACHIA REGION**

BUSINESS SALES IMPACTS

Visitors contributed a direct impact of \$4.0 billion in 2021 in the Appalachia Region, which included spending by day and overnight visitors.

This direct spending generated \$6.9 billion in total impact, including indirect and induced impacts.

Tourism business trends

Recent Trends in Tourism Sales (Output	.)		
	2019	2020	2021
Appalachia Region direct sales trend			
Sales volume (\$mils)	3,850.0	3,278.0	3,976.8
Sales growth, % change	2.8%	-14.9%	21.3%
Wider region and state direct sales tr	ends:		
Ohio sales growth, % change	4.0%	-24.5%	21.6%

Business sales impacts by industry (2021)

Amounts in millions of nominal dollars

	Direct Business Sales	Indirect Business Sales	Induced Business Sales	Total Business Sales
Total, all industries	\$ 3,976.8	\$ 1,383.2	\$ 1,543.4	\$ 6,903.4
FIRE	\$ 620.1	\$ 335.9	\$ 475.8	\$ 1,431.8
Retail trade	\$ 1,087.1	\$ 67.5	\$ 133.3	\$ 1,287.9
Food & beverage	\$ 902.3	\$ 37.9	\$ 81.7	\$ 1,021.9
Other transport	\$ 464.3	\$ 133.7	\$ 37.1	\$ 635.2
Lodging	\$ 557.0	\$ 0.2	\$ 0.6	\$ 557.8
Business services	\$ -	\$ 338.4	\$ 140.4	\$ 478.8
Recreation and entertainment	\$ 341.8	\$ 35.1	\$ 26.9	\$ 403.8
Education and healthcare	\$ -	\$ 4.0	\$ 292.3	\$ 296.3
Personal services	\$ -	\$ 59.4	\$ 92.4	\$ 151.8
Manufacturing	\$ -	\$ 91.8	\$ 59.0	\$ 150.8
Construction and utilities	\$ -	\$ 98.1	\$ 43.9	\$ 142.0
Communications	\$ -	\$ 80.3	\$ 57.8	\$ 138.2
Wholesale trade	\$ -	\$ 64.4	\$ 71.3	\$ 135.7
Government	\$ -	\$ 17.1	\$ 14.0	\$ 31.1
Agriculture, fishing, mining	\$ -	\$ 14.1	\$ 8.7	\$ 22.9
Air transport	\$ 4.1	\$ 5.2	\$ 8.2	\$ 17.5

Source: Tourism Economics

Tourism business sales impacts by industry (2021)

Amounts in millions of nominal dollars



\$2,000

JOB IMPACTS

Visitor activity sustained 45,773 direct jobs and an additional 19,580 indirect and induced jobs in the Appalachia Region.

The total 65,353 jobs in the region supported by visitor spending accounts for 7.4% of all jobs in the region.

Tourism Job Impacts by industry (2021)

Amounts in number of full-time and part-time jobs



Source: Tourism Economics



Summary Job impacts by industry (2021)

Amounts in number of full-time and part-time jobs

Amounts in number of jobs

Total, all industries

Food & beverage Retail trade Other transport Lodging Recreation and entertainment Business services FIRE Education and healthcare Personal services Wholesale trade Communications Manufacturing Construction and utilities Government Agriculture, fishing, mining Air transport

Source: Tourism Economics

Direct Jobs	Indirect Jobs	Induced Jobs	Total Jobs
45,773	8,952	10,628	65,353
22,324	692	1,288	24,303
7,455	249	1,550	9,255
5,845	1,208	379	7,432
5,508	3	7	5,517
3,985	568	339	4,892
-	2,803	1,151	3,954
657	1,607	1,216	3,480
-	58	2,836	2,894
-	746	1,120	1,866
-	243	235	478
-	200	143	343
-	209	122	332
-	218	100	318
-	71	55	126
-	63	63	126
-	15	22	37

LABOR INCOME IMPACTS

Visitor activity generated \$873 million in direct household income and a total of \$1.6 billion including indirect and induced impacts.

Summary labor income impacts (2021)

Amounts in millions of nominal dollars

	Direct Labor Income	Indirect Labor Income	Induced Labor Income	Total Labor Income
Total, all industries	\$ 872.6	\$ 311.9	\$ 375.5	\$ 1,560.1
Food & beverage	\$ 373.4	\$ 10.2	\$ 20.9	\$ 404.5
Retail trade	\$ 215.3	\$ 6.8	\$ 40.5	\$ 262.7
Other transport	\$ 139.8	\$ 44.6	\$ 15.1	\$ 199.5
Business services	\$ -	\$ 108.5	\$ 48.8	\$ 157.4
FIRE	\$ 16.1	\$ 50.5	\$ 51.3	\$ 117.9
Education and healthcare	\$ -	\$ 1.1	\$ 112.0	\$ 113.1
Lodging	\$ 73.4	\$ 0.0	\$ 0.1	\$ 73.6
Recreation and entertainment	\$ 54.6	\$ 8.7	\$ 6.3	\$ 69.6
Personal services	\$ -	\$ 24.9	\$ 30.0	\$ 54.8
Wholesale trade	\$ -	\$ 12.9	\$ 15.6	\$ 28.5
Construction and utilities	\$ -	\$ 16.0	\$ 12.5	\$ 28.5
Communications	\$ -	\$ 11.0	\$ 9.0	\$ 20.1
Manufacturing	\$ -	\$ 10.4	\$ 7.1	\$ 17.5
Government	\$ -	\$ 3.6	\$ 2.7	\$ 6.3
Air transport	\$ -	\$ 1.3	\$ 2.0	\$ 3.3
Agriculture, fishing, mining	\$ -	\$ 1.2	\$ 1.6	\$ 2.9

Source: Tourism Economics

Tourism labor income Impacts by Industry (2021)

Amounts in millions of nominal dollars



Source: Tourism Economics



ECONOMIC IMPACT FINDINGS **FISCAL (TAX) IMPACTS**

Visitor spending, visitor supported jobs, and business sales generated **\$924.6 million** in government revenues.

State and local taxes alone tallied \$458.4 million in the region in 2021.

Each household in the region would need to be taxed an additional \$577 to replace the visitor-generated taxes received by state and local governments in 2021.

Fiscal (tax) impacts

Amounts in nominal dollars

	Total Taxes
Total tax revenues	\$924.6
Federal Taxes	\$466.2
State Taxes	\$260.7
Local Taxes	\$197.7
State/Local Tax Savings Per Household	\$577

Source: Tourism Economics



APPENDIX

Glossary – Spending Definitions

Term	Description
Lodging	Includes visitor spending in the accommodation sub-sector. This includes food and other services provided by hotels, rentals and similar establishments.
Food and beverage	Includes all visitor spending on food & beverages, including at restaurants, bars, grocery stores and other food providers.
Recreation	Includes visitors spending within the arts, entertainment and recreation sub-sector.
Shopping	Includes visitor spending in all retail sub-sectors within the local economy.
Local transport	Includes visitor spending on local transport services such as taxis, limos, trains, rental cars, buses, and the local share of air transportation spending.
Service stations	Visitor spending on gasoline.
Second homes	Where applicable, spending associated with the upkeep of seasonal second homes for recreational use as defined by the Census Bureau.

Glossary – Economic Impact Definitions

Term	Description
Direct Impact	Impacts (business sa from spending by visi of tourism-related sec lodging).
Indirect Impact	Impacts created from inputs (e.g. food who production by the dire economic effects ste purchases in the supp
Induced Impact	Impacts created from employees whose wa by visitor spending.
Employment	Jobs directly and indi part-time and season working at least one h calendar year.
Labor income	Income (wages, salar supported by visitor s
Value Added (GDP)	The economic enhan services before offeri
Local Taxes	City and County taxes any local sales, incom revenues streams of transportation to san
State Taxes	State tax revenues ge sales, income, corpor state governments.

ales, jobs, income, and taxes) created directly sitors to a destination within a discreet group ectors (e.g. recreation, transportation,

m purchase of goods and services used as olesalers, utilities, business services) into rectly affected tourism-related sectors (i.e. emming from business-to-business oply chain).

m spending in the local economy by vages are generated either directly or indirectly

directly supported by visitor activity (includes nal work). One job is defined as one person hour per week for fifty weeks during the

aries, proprietor income and benefits) spending.

ncement a company gives its products or ring them to customers.

es generated by visitor spending. This includes me, bed, usage fees, licenses and other f local governmental authorities – from nitation to general government.

enerated by visitor spending. This will include rate, usage fees and other assessments of



ECONOMIC IMPACT METHODOLOGY

Our analysis of the Ohio visitor economy begins with direct visitor spending and analyzes the downstream effects of this spending on the broader economy. To determine total economic impact, we input direct spending into a model of the Ohio economy, constructed using an IMPLAN input-output (I-O) model. The model traces the full extent of industry impacts as dollars flow through the local economy.

An I-O model represents a profile of an economy by measuring the relationships among industries and consumers and quantifies three levels of impact:

- **1. Direct impacts**: Visitor spending creates direct economic value within a discrete group of sectors (such as recreation and transportation). This supports a relative proportion of spending, jobs, wages, and taxes within each sector.
- **2. Indirect impacts**: Each directly affected sector also purchases goods and services as inputs (e.g. food wholesalers, utilities) into production. These impacts are called indirect impacts or supply-chain effects.
- **3. Induced impacts**: Lastly, the induced impact is generated when employees whose wages are generated either directly or indirectly by visitor spending spend those wages in the local economy. This is called the induced impact or income effect.

The Tourism Economics model calculates these three levels of impact - direct, indirect and induced - for a broad set of indicators, including:

• Spending

• Federal Taxes

- Wages
- Employment

- State Taxes
- Local Taxes



DIRECT IMPACTS

Ohio tourism's contribution measured visitor spending



TOTAL IMPACTS Direct, indirect, and induced impacts



SALES



GDP



JOBS



INCOME



INDIRECT IMPACTS

Purchases of inputs from suppliers Suppliers' own supply chains



B2B GOODS & SERVICES PURCHASED

INDUCED IMPACTS

Consumer spending out of employees' wages:



HOUSEHOLD CONSUMPTION

ABOUT TOURISM ECONOMICS

Tourism Economics is an Oxford Economics company with a singular objective: combine an understanding of the travel sector with proven economic tools to answer the most important questions facing our clients. More than 500 companies, associations, and destination work with Tourism Economics every year as a research partner. We bring decades of experience to every engagement to help our clients make better marketing, investment, and policy decisions. Our team of highlyspecialized economists deliver:

- Global travel data-sets with the broadest set of country, city, and state coverage available
- Travel forecasts that are directly linked to the economic and demographic outlook for origins and destinations
- Economic impact analysis that highlights the value of visitors, events, developments, and industry segments
- Policy analysis that informs critical funding, taxation, and travel facilitation decisions
- Market assessments that define market allocation and investment decisions

Tourism Economics operates out of regional headquarters in Philadelphia and Oxford, with offices in Belfast, London, Frankfurt, Ontario, and Sydney.

Oxford Economics is one of the world's foremost independent global advisory firms, providing reports, forecasts and analytical tools on 200 countries, 100 industrial sectors and over 3,000 cities. Our best-of-class global economic and industry models and analytical tools give us an unparalleled ability to forecast external market trends and assess their economic, social and business impact. Headquartered in Oxford, England, with regional centers in London, New York, and Singapore, Oxford Economics has offices across the globe in Belfast, Chicago, Dubai, Miami, Milan, Paris, Philadelphia, San Francisco, and Washington DC, we employ over 400 full-time staff, including 300 professional economists, industry experts and business editors—one of the largest teams of macroeconomists and thought leadership specialists.

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