

THE ECONOMIC IMPACT OF JOBSONHIO PROJECTS

FACT SHEET 2011-2022

INTRODUCTION

JobsOhio, the state's unique private economic development corporation, is independently funded by the spiritous liquor enterprise that it leased from the state and operates. JobsOhio deploys the profits to make impact investments, provide grants, and pursue a variety of initiatives that give Ohio a competitive advantage in attracting, retaining, and expanding business capital investments, payrolls, and career opportunities for Ohioans across the state. Since its founding in 2011, JobsOhio has publicly reported its results and quantified its return on investment for the people of Ohio based on metrics limited to only the direct jobs, payrolls, new capital assets, and state income taxes generated from the project wins that JobsOhio negotiated and incentivized.

To verify its own data and better understand the total impact of its programs, JobsOhio commissioned IMPLAN Group, the creators of the leading economic modeling application at the forefront of economic theory and practice, to perform a thorough analysis of all 3,274 projects JobsOhio served between 2011 and 2021. IMPLAN utilizes Input-Output (I-O) Analysis to show how the linkages of industries, households, and government in the economy are connected through buy-sell relationships. By modeling changes by these actors, the ripple effect throughout Ohio's economy can be demonstrated for each year of JobsOhio's operations.

The IMPLAN study report took 10 months to complete and includes 126 pages of analysis and data tables that are published in their entirety at JobsOhio.com/IMPLAN. This fact sheet provides a summary of IMPLAN's research methodology and findings.

METHODOLOGY

This study used IMPLAN annual data sets and calculation process to estimate the economic impact from JobsOhio supported projects on the economy. To comply with standard best practices, IMPLAN economists modeled JobsOhio projects individually as "Events" in the year in which they occurred. For the majority of the projects, there were impacts on the economy associated with the construction of a new structure and increased or new operation activity for the business.

MULTIPLIERS

The total economic impact from a project does not exist in a vacuum. According to IMPLAN, every new job, every dollar of wages and taxes, and every transaction has a multiplier effect in the local economy. For example, if every dollar spent in the economy adds an additional \$0.25 of economic activity, this would result in a multiplier of 1.25. Each project was modeled in its specific JobsOhio region and accounted for impacts of multi-region commodity and commuting flows stemming from the changes in production or income.

ESTIMATING TAXES

Taxes reported from IMPLAN are based on the existing relationships of the data found in IMPLAN's authoritative dataset of collected and reported taxes by various units of government in each Data Year analyzed. The values are net of subsidies from all levels of government. What is presented in IMPLAN is the effective tax rate. IMPLAN uses proprietary, industry accepted, methods for estimating missing values.

ADDITIONAL IMPACTS EXCLUDED

Although JobsOhio projects helped retain tens of thousands of jobs at risk of leaving the state and stimulated hundreds of millions of dollars in capital equipment purchases, available data could not be modeled with precision. Therefore, they were excluded from the analysis.

ANALYSIS KEY TERMS

ECONOMIC INDICATORS

Employment

An industry-specific mix of full-time, part-time, and seasonal employment which is an annual average that accounts for seasonality; Employment is not equal to full-time equivalents.

Labor Income

All forms of employment income, including employee compensation (wages and benefits) and proprietor income.

Value Added

The difference between an industry's or establishment's total output and the cost of its intermediate inputs; it is a measure of the contribution to Gross Domestic Product (GDP).

Output

The value of industry production; in IMPLAN these are annual production estimates for the year of the dataset.

Job Years

If a worker is employed annually, the job is counted more than once. Therefore, IMPLAN reports "Job Years" indicating the number of Jobs multiplied by the number of years it exists.

TYPES OF EFFECTS

Direct

The initial effects to a local industry or industries due to the activity or policy being analyzed.

Indirect

Stemming from business-to-business purchases in the supply chain taking place in the state.

Induced

Stemming from household spending of labor income, after removal of taxes, savings, and commuters.

ECONOMIC IMPACT OF JOBSOHIO PROJECTS

CONSTRUCTION OF NEW CAPITAL FACILITIES

The direct capital investment by companies working with JobsOhio supported 25,012 jobs, \$1.62B in Labor Income, \$1.76B in Gross State Product, and \$3.30B in Economic Output annually in the construction industry between 2011-2021.

Each year, these investments supported between 11-14% of all jobs in the construction industry throughout the state. This results in a total economic impact to the economy of 455,608 jobs earning \$27.43B in Labor Income, \$36.17B in Gross State Product, and \$67.17B in Economic Output to the state of Ohio from 2011 through 2021.

For every direct construction job supported by these investments, an additional 0.66 jobs are supported in the state for a multiplier of 1.66. For every \$1 in direct Gross State Product from construction, an additional \$0.87 is supported in the state, for a multiplier of 1.87.

Economic Impact of Construction, Annual Average 2011-2021

	EMPLOYMENT	LABOR INCOME	VALUE ADDED	OUTPUT
Direct	25,012	\$1,622,151,312	\$1,756,737,872	\$3,300,340,057
Indirect	5,479	\$359,697,447	\$590,757,191	\$1,181,413,371
Induced	10,928	\$512,026,945	\$940,479,810	\$1,624,157,550
Total	41,419	\$2,493,875,704	\$3,287,974,873	\$6,105,910,978

Tax Impact of Construction, Total 2011-2021

	SUB COUNTY GENERAL	SUB COUNTY SPECIAL DISTRICT	COUNTY	STATE
Direct	\$135,937,367	\$77,919,586	\$29,969,347	\$466,773,483
Indirect	\$68,939,223	\$158,281,384	\$68,835,782	\$364,249,961
Induced	\$107,155,766	\$263,009,096	\$112,516,141	\$579,447,829
Total	\$312,032,355	\$499,210,065	\$211,321,270	\$1,410,471,273

NEW & EXPANDED INDUSTRY OPERATIONS

JobsOhio works as a catalyst to attract and retain high-growth business investments and job creation from companies in its 10 targeted industrial sectors. While many of these companies existed prior to receiving support from JobsOhio, only the new employment and spending was analyzed.

The new or expanded operations of these companies from 2012 through 2022 resulted in a cumulative impact of 1,398,822 job years with an associated Labor Income of \$83.64B, contributing \$154.33B in Gross State Product, and a total net operating revenue of \$409.34B. For every direct job created by these companies, an additional 1.30 jobs are supported in the state for a multiplier of 2.30. For every \$1 in direct Gross State Product from operations, an additional \$1.10 is supported in the state, for a multiplier of 2.10.

This results in a total economic impact of 3,262,516 job years earning \$185.03B in Labor Income, \$327.02B in Gross State Product, and \$735.54B in Economic Output to the State of Ohio over the eleven-year period.

Economic Impact of Operations, Cumulative 2012-2022

	EMPLOYMENT	LABOR INCOME	VALUE ADDED	OUTPUT
Direct	1,398,822	\$83,638,580,024	\$154,326,091,448	\$409,344,558,659
Indirect	997,346	\$59,538,560,964	\$96,422,086,936	\$196,141,697,656
Induced	866,347	\$41,855,043,711	\$76,275,955,672	\$130,052,545,059
Total	3,262,516	\$185,032,184,699	\$327,024,134,056	\$735,538,801,375

Tax Impact of Operations, Cumulative 2012-2022

	SUB COUNTY GENERAL	SUB COUNTY SPECIAL DISTRICT	COUNTY	STATE
Direct	\$1,463,490,940	\$2,983,673,332	\$1,203,899,629	\$6,853,107,212
Indirect	\$955,547,472	\$1,790,974,423	\$723,884,378	\$4,268,349,800
Induced	\$829,069,462	\$1,924,845,209	\$772,189,158	\$4,101,642,232
Total	\$3,248,107,873	\$6,699,492,964	\$2,699,973,164	\$15,223,099,245

ECONOMIC IMPACT OF JOBSOHIO PROJECTS

ENDURING RETURNS FOR YEARS TO COME

Because so many of the jobs created by these companies are tied to facilities and physical assets rooted in Ohio, they are likely to continue to contribute annually to the Ohio economy as these businesses continue to operate in the state. These annual operations will result in 243,439 directly supported jobs with an associated Labor Income of \$14.58B, contributing \$26.79B in Gross State Product, and a total net operating revenue of \$69.50B.

This will result in a total **annual** economic impact of 559,382 jobs earning \$31.99B in Labor Income, \$56.37B in Gross State Product, and \$125.34B in Economic Output to the state of Ohio each year going forward due to the 11-year investments by JobsOhio in the 3,274 projects.

Economic Impact of Operations, Annual Contributions 2022 - Forward

	EMPLOYMENT	LABOR INCOME	VALUE ADDED	OUTPUT
Direct	243,439	\$14,578,318,026	\$26,793,313,545	\$69,498,744,607
Indirect	169,878	\$10,262,497,179	\$16,536,291,581	\$33,511,131,817
Induced	146,065	\$7,148,933,549	\$13,043,072,952	\$22,329,924,663
Total	559,382	\$31,989,748,754	\$56,372,678,078	\$125,339,801,086

Tax Impact of Operations, Annual Contributions 2022 - Forward

	SUB COUNTY GENERAL	SUB COUNTY SPECIAL DISTRICT	COUNTY	STATE
Direct	\$262,598,261	\$556,870,364	\$224,904,726	\$1,234,741,814
Indirect	\$163,074,038	\$301,169,369	\$121,763,498	\$712,206,143
Induced	\$142,503,937	\$329,967,029	\$132,800,615	\$696,222,408
Total	\$568,176,237	\$1,188,006,762	\$479,468,839	\$2,643,170,365

NOTE: The above figures for ongoing economic impact from operations and taxes do not include any estimates for the Intel, Honda and Ford megaprojects or any other JobsOhio projects announced in 2022. Construction impacts of those projects would be anticipated in 2023 and jobs from direct operations would likely be added 2024. These latest project wins and those to come will further accelerate Ohio's economic growth and industrial diversity going forward.

TARGET INDUSTRY RESULTS

JobsOhio focuses on 10 target industries which contribute significantly to the state's success. Between 2011 and 2021, the ten target industries accounted for 90% of all executed JobsOhio projects within the state. There are other industries which are also tracked within Ohio's economy that IMPLAN put together into one group, rounding out the 11 groups of industries listed below.

Total Economic Impact of Operations by Target Industry (\$MM)

	PROJECTS	EMPLOYMENT	LABOR INCOME	VALUE ADDED	OUTPUT
Advanced Manufacturing	1,019	92,725	\$5,140	\$8,400	\$21,175
Aerospace & Aviation	88	13,474	\$892	\$1,534	\$3,024
Automotive	324	60,436	\$3,189	\$5,077	\$16,379
Financial Services	131	48,837	\$3,114	\$5,820	\$10,495
Food & Agriculture	266	54,708	\$2,612	\$4,799	\$14,114
Healthcare	222	60,116	\$3,647	\$6,207	\$12,515
Information & Software	355	65,869	\$4,235	\$7,225	\$12,807
Logistics & Distribution	274	84,513	\$4,224	\$7,909	\$14,842
Military & Federal	10	950	\$57	\$199	\$216
Energy & Petrochemicals	267	38,031	\$2,482	\$5,165	\$11,823
Other Industries	318	39,721	\$2,399	\$4,037	\$7,949
Total	3,274	559,382	\$31,990	\$56,373	\$125,340

ECONOMIC IMPACT OF JOBSOHIO PROJECTS

REGIONAL RESULTS

JobsOhio partners with a regional network of six economic development organizations. This approach leverages each region's unique strengths, perspective, and experience, adding a local touch to state-level resources that come together to strategically serve companies in Ohio.

JobsOhio supported projects that attracted new companies and retained or expanded existing businesses in each of the six Ohio regions. The results summarized at the regional level include direct, indirect, and induced impacts for all projects that occurred in that region. In addition, any residual indirect and induced impacts resulting from trade on projects that occurred in other regions of the state are also included. Therefore, the results below express the total impact on a region from all JobsOhio projects within the state.

Total Economic Impact of Construction by Region (\$MM)

	PROJECTS	EMPLOYMENT	LABOR INCOME	VALUE ADDED	OUTPUT
Central	713	79,242	\$4,924	\$6,481	\$11,526
Northeast	898	136,488	\$8,154	\$10,982	\$20,603
Northwest	480	58,695	\$3,543	\$4,585	\$8,854
Southeast	276	100,222	\$5,782	\$7,589	\$14,275
Southwest	495	39,222	\$2,622	\$3,440	\$6,049
West	416	41,099	\$2,407	\$3,091	\$5,858
Total	3,278	455,608	\$27,433	\$36,168	\$67,165

Total Economic Impact of Operations by Region (\$MM)

	PROJECTS	EMPLOYMENT	LABOR INCOME	VALUE ADDED	OUTPUT
Central	713	139,236	\$8,059	\$14,569	\$28,424
Northeast	898	169,345	\$9,899	\$17,488	\$38,858
Northwest	480	58,408	\$2,985	\$5,402	\$15,731
Southeast	276	24,199	\$976	\$1,880	\$5,156
Southwest	495	96,304	\$6,236	\$10,214	\$19,927
West	416	71,890	\$3,835	\$6,820	\$17,244
Total	3,278	559,382	\$31,990	\$56,373	\$125,340

NOTE: Complete details and case studies from each region are provided in the IMPLAN report.

"We are pleased to measure JobsOhio's economic impact beyond the direct commitments for jobs, capital investment and payroll that JobsOhio typically publishes in its annual report. This new flagship economic impact report clearly indicates that commitments to JobsOhio and its six regional partners support a much broader array of economic activity in workplaces, communities and households across Ohio than JobsOhio's prior analyses. The best part for the Ohio economy is that this report represents the likely minimum level of impacts due to the fact that job retention and equipment purchases are excluded from the data inputs in the report."

- Justin Helmig, CEO of IMPLAN



The Council for Community and Economic Research (C2ER) has recognized this study as 2022 Best Research Project for *Impact Study*.

JobsOhio collaborates with the State of Ohio, its statewide network of regional economic development organizations, universities and job-training centers, business sector organizations, military and federal installations, and community stakeholders to deliver comprehensive programs and investment opportunities that drive innovation, sustainable economic growth, and improve the quality of life for all Ohioans through the power of dignity and work.

To learn about the partnerships and resources available in Ohio, visit JobsOhio.com or reach out to our team.



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THE ECONOMIC IMPACT OF JOBSONHIO PROJECTS STATE TAXES

FACT SHEET 2011-2022

INTRODUCTION

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IMPLAN'S TAX IMPACT ANALYSIS

Each year, IMPLAN collects and organizes data from a variety of sources. The data for taxes collected by level of government are collected from the Annual Survey of State and Local Government Finance, state government tax collections from the Census, and the Census of Government Finance. Federal taxes collected come from the National Income and Product Accounts. Beyond these sources, IMPLAN uses proprietary methods for estimating missing values.

Taxes reported from IMPLAN are based on the existing relationships of the data found in the dataset. They are the collected and reported taxes by various units of government in the Data Year analyzed. The values are net of subsidies from all levels of government. What is presented in IMPLAN is the effective tax rate.

TAX IMPACT RESULTS

The direct investments by companies to construct new or renovate old buildings and spaces creates construction jobs that resulted in a significant amount of tax revenue from 2011-2021. The total fiscal impact for Sub County General taxes (city/township) was \$312.03M, Sub County Special District taxes (police, fire, schools, etc.) was \$499.21M, County taxes was \$211.32M, State taxes was \$1.4B, and Federal taxes was \$5.36B. This totals \$7.80B in supported taxes over the eleven-year period.

The annual operation of JobsOhio project companies from 2012 through 2022 resulted in cumulative fiscal tax impacts across the state. The total fiscal impact for Sub County General taxes (city/township) was \$3.25B, Sub County Special District taxes (police, fire, schools, etc.) was \$6.70B, County taxes was \$2.70B, State taxes was \$15.22B, and Federal taxes was \$40.74B. This totals \$68.61B in supported taxes across the state over the eleven-year period.

ANALYSIS KEY TERMS

ECONOMIC INDICATORS

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An industry-specific mix of full-time, part-time, and seasonal employment which is an annual average that accounts for seasonality; Employment is not equal to full-time equivalents.

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TYPES OF EFFECTS

Direct

The initial effects to a local industry or industries due to the activity or policy being analyzed.

Indirect

Stemming from business-to-business purchases in the supply chain taking place in the state.

Induced

Stemming from household spending of labor income, after removal of taxes, savings, and commuters.

TAX IMPACT RESULTS

As these businesses continue to operate in the Ohio, they will contribute fiscal tax revenue annually. The annual fiscal impact for Sub County General taxes (city/township) was \$568.18M, Sub County Special District taxes (police, fire, schools, etc.) was \$1.19B, County taxes was \$479.47M, State taxes was \$2.64B, and Federal taxes was \$6.91B. This totals \$11.79B in supported taxes across the state each year.

Tax Impact of Construction, Total 2011-2021

	SUB COUNTY GENERAL	SUB COUNTY SPECIAL DISTRICT	COUNTY	STATE
Direct	\$135,937,367	\$77,919,586	\$29,969,347	\$466,773,483
Indirect	\$68,939,223	\$158,281,384	\$68,835,782	\$364,249,961
Induced	\$107,155,766	\$263,009,096	\$112,516,141	\$579,447,829
Total	\$312,032,355	\$499,210,065	\$211,321,270	\$1,410,471,273

Tax Impact of Operations, Cumulative 2012-2022

	SUB COUNTY GENERAL	SUB COUNTY SPECIAL DISTRICT	COUNTY	STATE
Direct	\$1,463,490,940	\$2,983,673,332	\$1,203,899,629	\$6,853,107,212
Indirect	\$955,547,472	\$1,790,974,423	\$723,884,378	\$4,268,349,800
Induced	\$829,069,462	\$1,924,845,209	\$772,189,158	\$4,101,642,232
Total	\$3,248,107,873	\$6,699,492,964	\$2,699,973,164	\$15,223,099,245

Tax Impact of Operations, Annual Contributions 2022 - Forward

	SUB COUNTY GENERAL	SUB COUNTY SPECIAL DISTRICT	COUNTY	STATE
Direct	\$262,598,261	\$556,870,364	\$224,904,726	\$1,234,741,814
Indirect	\$163,074,038	\$301,169,369	\$121,763,498	\$712,206,143
Induced	\$142,503,937	\$329,967,029	\$132,800,615	\$696,222,408
Total	\$568,176,237	\$1,188,006,762	\$479,468,839	\$2,643,170,365

“We are pleased to measure JobsOhio’s economic impact beyond the direct commitments for jobs, capital investment and payroll that JobsOhio typically publishes in its annual report. This new flagship economic impact report clearly indicates that commitments to JobsOhio and its six regional partners support a much broader array of economic activity in workplaces, communities and households across Ohio than JobsOhio’s prior analyses. The best part for the Ohio economy is that this report represents the likely minimum level of impacts due to the fact that job retention and equipment purchases are excluded from the data inputs in the report.”

- Justin Helmig, President and CEO of IMPLAN

TAX IMPACT RESULTS

ANNUAL BREAKDOWN OF TAX RESULTS

Total Tax Impact of Construction by Year

	SUB COUNTY GENERAL	SUB COUNTY SPECIAL DISTRICT	COUNTY	STATE
2011	\$10,364,528	\$15,404,803	\$6,101,766	\$43,388,100
2012	\$31,968,623	\$57,751,432	\$28,100,304	\$185,134,453
2013	\$17,397,219	\$29,217,895	\$13,149,872	\$88,876,242
2014	\$21,717,383	\$32,954,122	\$12,832,801	\$87,715,405
2015	\$25,070,773	\$40,801,095	\$17,915,210	\$122,108,807
2016	\$49,513,059	\$83,566,688	\$34,530,959	\$229,004,060
2017	\$25,611,382	\$38,715,764	\$15,178,275	\$108,412,935
2018	\$35,223,576	\$54,819,794	\$20,850,139	\$142,306,157
2019	\$30,618,022	\$53,826,892	\$25,878,278	\$161,691,503
2020	\$37,785,777	\$53,636,424	\$21,318,584	\$140,646,838
2021	\$26,762,013	\$38,515,155	\$15,465,082	\$101,186,773
Total	\$312,032,355	\$499,210,065	\$211,321,270	\$1,410,471,273

Total Tax Impact of Operations by Year, Cumulative 2012-2022

	SUB COUNTY GENERAL	SUB COUNTY SPECIAL DISTRICT	COUNTY	STATE
2011	\$439,480,213	\$762,538,663	\$310,910,539	\$1,906,871,229
2012	\$617,755,154	\$1,156,659,517	\$460,999,567	\$2,712,552,778
2013	\$357,302,606	\$722,361,042	\$285,394,925	\$1,621,510,060
2014	\$343,672,383	\$748,524,757	\$314,260,719	\$1,710,188,852
2015	\$391,998,197	\$889,217,314	\$361,198,021	\$1,988,207,663
2016	\$307,020,662	\$767,594,978	\$307,325,425	\$1,706,329,306
2017	\$251,539,289	\$561,246,250	\$214,456,641	\$1,223,509,105
2018	\$209,763,609	\$415,806,371	\$169,971,528	\$903,381,551
2019	\$166,510,853	\$336,145,681	\$137,862,703	\$732,319,527
2020	\$89,396,999	\$186,840,310	\$75,282,026	\$393,358,017
2021	\$73,667,907	\$152,558,082	\$62,311,072	\$324,871,156
Total	\$3,248,107,873	\$6,699,492,964	\$2,699,973,164	\$15,223,099,245

Total Tax Impact of Operations by Year, Annual Contributions 2022-Forward

	SUB COUNTY GENERAL	SUB COUNTY SPECIAL DISTRICT	COUNTY	STATE
2011	\$39,952,747	\$69,321,697	\$28,264,594	\$173,351,930
2012	\$61,775,515	\$115,665,952	\$46,099,957	\$271,255,278
2013	\$39,700,290	\$80,262,338	\$31,710,547	\$180,167,784
2014	\$42,959,048	\$93,565,595	\$39,282,590	\$213,773,606
2015	\$55,999,742	\$127,031,045	\$51,599,717	\$284,029,666
2016	\$51,170,110	\$127,932,496	\$51,220,904	\$284,388,218
2017	\$50,307,858	\$112,249,250	\$42,891,328	\$244,701,821
2018	\$52,440,902	\$103,951,593	\$42,492,882	\$225,845,388
2019	\$55,503,618	\$112,048,560	\$45,954,234	\$244,106,509
2020	\$44,698,500	\$93,420,155	\$37,641,013	\$196,679,009
2021	\$73,667,907	\$152,558,082	\$62,311,072	\$324,871,156
Total	\$568,176,237	\$1,188,006,762	\$479,468,839	\$2,643,170,365

TAX IMPACT RESULTS

TARGET INDUSTRY TAX RESULTS

JobsOhio focuses on 10 target industries which contribute significantly to the state's success. Between 2011 and 2021, the ten target industries accounted for 90% of all executed JobsOhio projects within the state. There are other industries which are also tracked within Ohio's economy that IMPLAN put together into one group, rounding out the 11 groups of industries listed below.

Total Tax Impact of Construction by Target Industry, 2011-2021

	SUB COUNTY GENERAL	SUB COUNTY SPECIAL DISTRICT	COUNTY	STATE
Manufacturing	\$39,764,119	\$59,701,337	\$24,271,544	\$166,262,998
Aerospace	\$2,937,532	\$4,430,867	\$1,757,966	\$12,168,942
Automotive	\$26,395,904	\$38,643,430	\$15,053,675	\$104,405,967
Financial	\$10,758,145	\$15,328,395	\$6,018,636	\$41,528,120
Food	\$31,220,554	\$47,099,045	\$19,088,976	\$131,245,749
Healthcare	\$18,669,862	\$26,916,285	\$10,552,315	\$70,974,600
Information	\$19,232,224	\$27,362,904	\$10,895,385	\$71,841,733
Logistics	\$25,269,869	\$37,583,887	\$14,889,061	\$97,898,833
Military	\$2,521,724	\$4,131,251	\$1,611,386	\$10,208,887
Energy	\$118,585,072	\$213,051,128	\$97,421,451	\$635,981,181
Other	\$16,677,348	\$24,961,537	\$9,760,875	\$67,954,264
Total	\$312,032,355	\$499,210,065	\$211,321,270	\$1,410,471,273

Total Tax Impact of Operations by Target Industry, Cumulative 2012-2022

	SUB COUNTY GENERAL	SUB COUNTY SPECIAL DISTRICT	COUNTY	STATE
Manufacturing	\$464,255,929	\$892,874,632	\$368,257,101	\$2,162,745,827
Aerospace	\$93,034,874	\$184,704,671	\$73,502,789	\$425,954,020
Automotive	\$315,594,000	\$623,449,256	\$255,837,285	\$1,492,267,337
Financial	\$307,413,528	\$493,191,695	\$189,047,096	\$1,198,579,296
Food	\$304,550,790	\$742,298,693	\$298,741,153	\$1,576,939,385
Healthcare	\$272,142,995	\$496,593,001	\$197,502,355	\$1,174,559,277
Information	\$472,145,535	\$912,156,647	\$354,081,359	\$2,066,221,265
Logistics	\$421,560,983	\$1,144,390,116	\$463,835,703	\$2,325,790,226
Military	\$1,118,349	\$1,064,829	\$397,903	\$3,279,634
Energy	\$345,331,151	\$704,373,568	\$296,871,635	\$1,645,989,562
Other	\$250,959,739	\$504,395,857	\$201,898,786	\$1,150,773,414
Total	\$3,248,107,873	\$6,699,492,964	\$2,699,973,164	\$15,223,099,245

TAX IMPACT RESULTS

REGIONAL TAX RESULTS

JobsOhio partners with a regional network of six economic development organizations. This approach leverages each region's unique strengths, perspective, and experience, adding a local touch to state-level resources that come together to strategically serve companies in Ohio.

Total Tax Impact of Construction by Region, 2011-2021

	SUB COUNTY GENERAL	SUB COUNTY SPECIAL DISTRICT	COUNTY	STATE
Central	\$68,934,107	\$95,286,558	\$36,812,863	\$243,123,102
Northeast	\$115,442,800	\$166,242,417	\$60,356,167	\$423,199,574
Northwest	\$36,992,764	\$59,836,916	\$25,609,988	\$174,782,330
Southeast	\$33,501,799	\$87,181,039	\$51,862,885	\$321,143,521
Southwest	\$30,437,860	\$42,210,413	\$17,568,049	\$125,262,079
West	\$26,723,025	\$48,452,722	\$19,111,318	\$122,960,668
Total	\$312,032,355	\$499,210,065	\$211,321,270	\$1,410,471,273

Total Tax Impact of Operations by Region, Cumulative 2012-2022

	SUB COUNTY GENERAL	SUB COUNTY SPECIAL DISTRICT	COUNTY	STATE
Central	\$838,634,433	\$1,744,468,579	\$685,442,605	\$3,697,422,543
Northeast	\$1,125,585,298	\$2,130,580,905	\$775,052,451	\$4,651,698,434
Northwest	\$276,348,074	\$624,443,280	\$281,619,232	\$1,526,392,720
Southeast	\$76,117,707	\$269,483,624	\$160,037,533	\$770,779,812
Southwest	\$539,926,700	\$914,263,190	\$378,685,374	\$2,387,473,380
West	\$391,495,662	\$1,016,253,387	\$419,135,968	\$2,189,332,355
Total	\$3,248,107,873	\$6,699,492,964	\$2,699,973,164	\$15,223,099,245

Note: Complete details and case studies from each region are provided in the IMPLAN report



The Council for Community and Economic Research (C2ER) has recognized this study as 2022 Best Research Project for *Impact Study*.

JobsOhio collaborates with the State of Ohio, its statewide network of regional economic development organizations, universities and job-training centers, business sector organizations, military and federal installations, and community stakeholders to deliver comprehensive programs and investment opportunities that drive innovation, sustainable economic growth, and improve the quality of life for all Ohioans through the power of dignity and work.

THE ECONOMIC IMPACT OF JOBSOHIO PROJECTS: CENTRAL REGION

FACT SHEET 2011-2022

INTRODUCTION

JobsOhio, the state's unique private economic development corporation, is independently funded by the spiritous liquor enterprise that it leased from the state and operates. JobsOhio deploys the profits to make impact investments, provide grants and pursue a variety of initiatives that give Ohio a competitive advantage in attracting, retaining, and expanding business capital investments, payrolls, and career opportunities for Ohioans across the state.

JobsOhio has always quantified its return on investment the people of Ohio based on metrics limited to only the direct jobs, payrolls, new capital assets and state income taxes generated from the project wins that JobsOhio negotiated and incentivized. To verify its own data and better understand the total impact of its programs, JobsOhio commissioned IMPLAN Group, the leading economic modeling application at the forefront of economic theory and practice, to perform a thorough analysis of all 3,274 projects JobsOhio served between 2011 and 2021.

IMPLAN utilizes Input-Output (I-O) Analysis to show how the linkages of industries, households, and government in the economy are connected through buy-sell relationships. By modeling changes by these actors, the ripple effect throughout Ohio's economy can be demonstrated for each year of JobsOhio's operations.

IMPLAN'S REGIONAL ANALYSIS

JobsOhio partners with a regional network of six economic development organizations. This approach leverages each region's unique strengths, perspective, and experience, adding a local touch to state-level resources that come together to strategically engage companies in Ohio. One Columbus serves 11 counties around the capital in the middle of the state and is JobsOhio's principal partner in the region.

JobsOhio has supported projects that attracted new companies and retained or expanded existing businesses in each of the six Ohio regions. This fact sheet looks at the specific performance of JobsOhio supported projects in the Central Region. The results summarized include direct, indirect, and induced impacts for all projects that occurred in the region. In addition, any residual indirect and induced impacts resulting from trade on projects that occurred in other regions of the state are also included. Therefore, the results below express the total impact on the Central Region from all JobsOhio projects within the state.



ECONOMIC IMPACT RESULTS: CENTRAL REGION

There were 713 JobsOhio projects across various industries in the Central Region between 2011-2021. For the majority of the projects, there were impacts on the economy associated with the construction of a new structure and increased or new operation activity for the business.

ANALYSIS KEY TERMS

ECONOMIC INDICATORS

Employment

An industry-specific mix of full-time, part-time, and seasonal employment which is an annual average that accounts for seasonality; Employment is not equal to full-time equivalents.

Labor Income

All forms of employment income, including employee compensation (wages and benefits) and proprietor income.

Value Added

The difference between an industry's or establishment's total output and the cost of its intermediate inputs; it is a measure of the contribution to Gross Domestic Product (GDP).

Output

The value of industry production; in IMPLAN these are annual production estimates for the year of the dataset.

Job Years

If a worker is employed annually, the job is counted more than once. Therefore, IMPLAN reports "Job Years" indicating the number of Jobs multiplied by the number of years it exists.

TYPES OF EFFECTS

Direct

The initial effects to a local industry or industries due to the activity or policy being analyzed.

Indirect

Stemming from business-to-business purchases in the supply chain taking place in the state.

Induced

Stemming from household spending of labor income, after removal of taxes, savings, and commuters.

ECONOMIC IMPACT RESULTS: CENTRAL REGION

CONSTRUCTION OF NEW CAPITAL FACILITIES

According to IMPLAN's analysis, the direct investment by companies located in the Central Region support 45,122 jobs, \$2.99B in Labor Income, \$3.13B in Gross State Product, and \$5.63B in Economic Output in the construction industry. Coupled with construction projects across the state, this results in a total economic impact of 79,242 jobs earning \$4.92B in Labor Income, \$6.48B in Gross State Product, and \$11.53B in Economic Output to the Central Region.

Economic Impact of Construction, Annual Average 2011-2021

	EMPLOYMENT	LABOR INCOME	VALUE ADDED	OUTPUT
Direct	45,122	\$2,986,034,211	\$3,134,662,964	\$5,626,711,562
Indirect	10,701	\$738,913,912	\$1,151,523,454	\$2,215,602,691
Induced	23,419	\$1,199,001,519	\$2,194,539,407	\$3,683,802,394
Total	79,242	\$4,923,949,642	\$6,480,725,825	\$11,526,116,646

Tax Impact of Construction, Total 2011-2021

	SUB COUNTY GENERAL	SUB COUNTY SPECIAL DISTRICT	COUNTY	STATE
Direct	\$33,051,143	\$16,282,227	\$5,415,776	\$78,550,804
Indirect	\$12,631,666	\$24,559,439	\$9,703,349	\$53,547,205
Induced	\$23,251,298	\$54,444,892	\$21,693,738	\$111,025,092
Total	\$68,934,107	\$95,286,558	\$36,812,863	\$243,123,102

NEW & EXPANDED INDUSTRY OPERATIONS

Annual operations of these companies resulted in 60,770 new jobs with an associated Labor Income of \$3.60B, contributing \$6.98B in Gross State Product, and a total net operating revenue of \$14.76B. Coupled with operations from projects across the state, this results in a total economic impact of 139,236 jobs earning \$8.06B in Labor Income, \$14.57B in Gross State Product, and \$28.42B in Economic Output to the Central Region.

Economic Impact of Operations, Annual Contributions 2022 - Forward

	EMPLOYMENT	LABOR INCOME	VALUE ADDED	OUTPUT
Direct	60,770	\$3,604,666,811	\$6,976,232,037	\$14,755,412,879
Indirect	41,400	\$2,574,831,464	\$4,122,264,970	\$7,849,169,470
Induced	37,067	\$1,879,353,053	\$3,470,057,874	\$5,819,673,149
Total	139,236	\$8,058,851,328	\$14,568,554,881	\$28,424,255,499

Tax Impact of Operations, Cumulative 2012-2022

	SUB COUNTY GENERAL	SUB COUNTY SPECIAL DISTRICT	COUNTY	STATE
Direct	\$387,551,366	\$840,411,051	\$332,213,877	\$1,755,206,354
Indirect	\$239,728,695	\$401,170,092	\$155,297,450	\$927,005,858
Induced	\$211,354,371	\$502,887,436	\$197,931,279	\$1,015,210,331
Total	\$838,634,433	\$1,744,468,579	\$685,442,605	\$3,697,422,543

Tax Impact of Operations, Annual Contributions 2022 - Forward

	SUB COUNTY GENERAL	SUB COUNTY SPECIAL DISTRICT	COUNTY	STATE
Direct	\$69,730,867	\$154,645,582	\$62,047,942	\$313,816,893
Indirect	\$41,613,280	\$69,182,668	\$27,194,846	\$157,261,746
Induced	\$37,175,041	\$88,130,160	\$35,245,879	\$174,949,661
Total	\$148,519,188	\$311,958,410	\$124,488,667	\$646,028,299

CASE STUDY: AMGEN

Amgen is passionate about helping those who are suffering from serious illnesses, using advances in science and biotechnology to create therapies that have the power to restore health and save lives. In 2021, Amgen sought to increase its production capacity to meet its long-term needs, ultimately choosing to invest in a new facility in Columbus to house aseptic fill finish, packaging, labeling, and fulfillment operations for final biologic products.

ECONOMIC IMPACT RESULTS

\$299M

Total Investment

\$123M

Building Construction

\$41M

New Annual Payroll

400

New Annual Jobs

Economic Impact of Construction

	EMPLOYMENT	LABOR INCOME	VALUE ADDED	OUTPUT
Direct	952	\$68,442,323	\$69,552,884	\$125,422,327
Indirect	215	\$15,623,764	\$25,544,162	\$50,460,794
Induced	489	\$25,056,216	\$46,518,009	\$79,148,252
Total	1,655	\$109,122,303	\$141,615,055	\$255,031,373

Economic Impact Operations, Annual Contributions 2022 - Forward

	EMPLOYMENT	LABOR INCOME	VALUE ADDED	OUTPUT
Direct	400	\$40,916,516	\$92,128,612	\$237,061,102
Indirect	418	\$32,966,469	\$60,845,832	\$113,667,887
Induced	434	\$22,262,201	\$41,398,655	\$70,425,305
Total	1,252	\$96,145,185	\$194,373,098	\$421,154,294

The direct investment by Amgen also supported \$29.73M in tax revenue to the state of Ohio. The annual operation of Amgen since 2022 resulted in a cumulative impact of \$32.35M in supported taxes over the one-year period. The jobs created by Amgen will hopefully continue to contribute annually to the Ohio economy generating \$32.35M in supported taxes annually after 2022.

CASE STUDY: SOFIDEL

Sofidel is an Italian company specializing in tissue paper for sanitary and domestic use. This new facility is the first integrated greenfield facility in the United States. In 2015, the company chose to build its first 1.4 million square foot state-of-the-art facility in Pickaway County, making it the company's largest production site across the 16 countries it operates in around the world.

ECONOMIC IMPACT RESULTS

\$260M

Total Investment

\$99M

Building Construction

\$13M

New Annual Payroll

310

New Annual Jobs

Economic Impact of Construction

	EMPLOYMENT	LABOR INCOME	VALUE ADDED	OUTPUT
Direct	845	\$55,657,994	\$59,734,835	\$112,549,886
Indirect	204	\$14,171,910	\$23,264,304	\$45,795,476
Induced	415	\$20,306,599	\$37,991,733	\$63,520,477
Total	1,465	\$90,136,504	\$120,990,873	\$221,865,838

Economic Impact Operations, Annual Contributions 2022 - Forward

	EMPLOYMENT	LABOR INCOME	VALUE ADDED	OUTPUT
Direct	310	\$14,116,839	\$24,323,876	\$111,191,880
Indirect	312	\$20,509,165	\$33,273,623	\$67,276,964
Induced	212	\$10,320,581	\$19,147,148	\$32,282,720
Total	835	\$44,946,586	\$76,744,648	\$210,751,564

The direct investment by Sofidel also supported \$25.42M in tax revenue to the state of Ohio. The annual operation of Sofidel since 2016, resulted in a cumulative impact of \$114.80M in supported taxes over the seven-year period. The jobs created by Sofidel will hopefully continue to contribute annually to the Ohio economy generating \$16.40M in supported taxes annually after 2022.

THE ECONOMIC IMPACT OF JOBSONHIO PROJECTS: NORTHWEST REGION

FACT SHEET 2011-2022

INTRODUCTION

JobsOhio, the state's unique private economic development corporation, is independently funded by the spiritous liquor enterprise that it leased from the state and operates. JobsOhio deploys the profits to make impact investments, provide grants, and pursue a variety of initiatives that give Ohio a competitive advantage in attracting, retaining, and expanding business capital investments, payrolls, and career opportunities for Ohioans across the state.

JobsOhio has always quantified its return on investment the people of Ohio based on metrics limited to only the direct jobs, payrolls, new capital assets, and state income taxes generated from the project wins that JobsOhio negotiated and incentivized. To verify its own data and better understand the total impact of its programs, JobsOhio commissioned IMPLAN Group, the creators of the leading economic modeling application at the forefront of economic theory and practice, to perform a thorough analysis of all 3,274 projects JobsOhio served between 2011 and 2021.

IMPLAN utilizes Input-Output (I-O) Analysis to show how the linkages of industries, households, and government in the economy are connected through buy-sell relationships. By modeling changes by these actors, the ripple effect throughout Ohio's economy can be demonstrated for each year of JobsOhio's operations.

IMPLAN'S REGIONAL ANALYSIS

JobsOhio partners with a regional network of six economic development organizations. This approach leverages each region's unique strengths, perspective, and experience, adding a local touch to state-level resources that come together to strategically engage companies in Ohio. The Regional Growth Partnership represents Northwest Ohio and advocates for business development in Toledo and surrounding cities.

JobsOhio supported projects that attracted new companies and retained or expanded existing businesses in each of the six Ohio regions. This fact sheet looks at the specific performance of JobsOhio supported projects in the Northwest Region. The results summarized include direct, indirect, and induced impacts for all projects that occurred in the region. In addition, any residual indirect and induced impacts resulting from trade on projects that occurred in other regions of the state are also included. Therefore, the results below express the total impact on the Northwest Region from all JobsOhio projects within the state.



ECONOMIC IMPACT RESULTS: NORTHWEST REGION

There were 480 JobsOhio projects across various Industries in the Northwest Region between 2011-2021. For the majority of the projects, there were impacts on the economy associated with the construction of a new structure and increased or new operation activity for the business.

ANALYSIS KEY TERMS

ECONOMIC INDICATORS

Employment

An industry-specific mix of full-time, part-time, and seasonal employment which is an annual average that accounts for seasonality; Employment is not equal to full-time equivalents.

Labor Income

All forms of employment income, including employee compensation (wages and benefits) and proprietor income.

Value Added

The difference between an industry's or establishment's total output and the cost of its intermediate inputs; it is a measure of the contribution to Gross Domestic Product (GDP).

Output

The value of industry production; in IMPLAN these are annual production estimates for the year of the dataset.

Job Years

If a worker is employed annually, the job is counted more than once. Therefore, IMPLAN reports "Job Years" indicating the number of Jobs multiplied by the number of years it exists.

TYPES OF EFFECTS

Direct

The initial effects to a local industry or industries due to the activity or policy being analyzed.

Indirect

Stemming from business-to-business purchases in the supply chain taking place in the state.

Induced

Stemming from household spending of labor income, after removal of taxes, savings, and commuters.

ECONOMIC IMPACT RESULTS: NORTHWEST REGION

CONSTRUCTION OF NEW CAPITAL FACILITIES

According to IMPLAN's analysis, the direct capital investment by JobsOhio project companies located in the region supports 37,059 jobs, \$2.45B in Labor Income, \$2.65B in Gross State Product, and \$5.11B in Economic Output in the construction industry. Coupled with construction projects across the state, this results in a total economic impact of 58,695 jobs earning \$3.54B in Labor Income, \$4.59B in Gross State Product, and \$8.85B in Economic Output to the Northwest Region.

Economic Impact of Construction, Annual Average 2011-2021

	EMPLOYMENT	LABOR INCOME	VALUE ADDED	OUTPUT
Direct	37,059	\$2,449,327,083	\$2,645,653,775	\$5,113,731,948
Indirect	7,011	\$457,536,498	\$773,887,974	\$1,657,244,540
Induced	14,625	\$635,839,629	\$1,165,510,050	\$2,082,799,008
Total	58,695	\$3,542,703,210	\$4,585,051,800	\$8,853,775,496

Tax Impact of Construction, Total 2011-2021

	SUB COUNTY GENERAL	SUB COUNTY SPECIAL DISTRICT	COUNTY	STATE
Direct	\$18,263,669	\$11,747,123	\$3,770,390	\$61,452,752
Indirect	\$7,322,930	\$17,898,446	\$8,083,843	\$42,942,136
Induced	\$11,406,165	\$30,191,347	\$13,755,756	\$70,387,443
Total	\$36,992,764	\$59,836,916	\$25,609,988	\$174,782,330

NEW & EXPANDED INDUSTRY OPERATIONS

New or expanded operations of these companies resulted in 27,924 new jobs with an associated Labor Income of \$1.38B, contributing \$2.66B in Gross State Product, and a total net operating revenue of \$10.06B. Coupled with operations from projects across the state, this results in a total economic impact of 58,408 jobs earning \$2.98B in Labor Income, \$5.40B in Gross State Product, and \$15.73B in Economic Output to the Northwest Region.

Economic Impact of Operations, Annual Contributions 2022 - Forward

	EMPLOYMENT	LABOR INCOME	VALUE ADDED	OUTPUT
Direct	27,924	\$1,378,664,152	\$2,663,010,467	\$10,062,661,715
Indirect	17,616	\$1,040,853,483	\$1,697,136,355	\$3,794,043,755
Induced	12,869	\$565,376,365	\$1,041,474,737	\$1,873,900,113
Total	58,408	\$2,984,894,000	\$5,401,621,558	\$15,730,605,583

Tax Impact of Operations, Cumulative 2012-2022

	SUB COUNTY GENERAL	SUB COUNTY SPECIAL DISTRICT	COUNTY	STATE
Direct	\$125,860,449	\$257,954,830	\$115,332,394	\$646,100,251
Indirect	\$92,101,054	\$215,075,912	\$97,224,359	\$525,497,239
Induced	\$58,386,570	\$151,412,538	\$69,062,479	\$354,795,230
Total	\$276,348,074	\$624,443,280	\$281,619,232	\$1,526,392,720

Tax Impact of Operations, Annual Contributions 2022 - Forward

	SUB COUNTY GENERAL	SUB COUNTY SPECIAL DISTRICT	COUNTY	STATE
Direct	\$22,889,633	\$49,930,286	\$22,360,570	\$120,135,369
Indirect	\$15,952,897	\$34,995,399	\$15,678,687	\$85,886,601
Induced	\$10,466,071	\$27,021,903	\$12,283,798	\$62,040,691
Total	\$49,308,601	\$111,947,588	\$50,323,055	\$268,062,661

CASE STUDY: FIRST SOLAR

First Solar is a leading global provider of comprehensive photovoltaic solar systems that utilize its advanced module and system technology. First Solar's expanded manufacturing presence in Ohio is part of what makes it one of the largest solar manufacturers in America and the western hemisphere. Expansions in Perrysburg in 2015, a new Walbridge facility in 2018, and subsequent expansions to Walbridge resulted in a total capital investment of \$1.6B, supporting 3,547 jobs that earned \$259M in Labor Income annually.

ECONOMIC IMPACT RESULTS

\$1.6B
Total Investment
\$566M
Building Construction
\$100M
New Annual Payroll
1,757
New Annual Jobs

Economic Impact of Construction

	EMPLOYMENT	LABOR INCOME	VALUE ADDED	OUTPUT
Direct	4,135	\$283,144,189	\$318,845,763	\$596,281,357
Indirect	831	\$56,697,029	\$93,199,022	\$192,218,290
Induced	1,740	\$79,241,433	\$144,636,657	\$258,872,754
Total	6,706	\$419,082,650	\$556,681,442	\$1,047,372,400

Economic Impact Operations, Annual Contributions 2022 - Forward

	EMPLOYMENT	LABOR INCOME	VALUE ADDED	OUTPUT
Direct	1,757	\$98,934,773	\$130,542,186	\$489,011,381
Indirect	1,415	\$109,789,315	\$150,601,115	\$279,030,566
Induced	1,120	\$51,411,419	\$94,370,325	\$167,970,102
Total	4,292	\$260,135,508	\$375,513,625	\$936,012,049

The direct investment by First Solar also supported \$115.46M in tax revenue to the state of Ohio. The annual operation of First Solar since 2016, resulted in a cumulative impact of \$291.38M in supported taxes over the seven-year period. The jobs created by First Solar will hopefully continue to contribute annually to the Ohio economy generating \$84.80M in supported taxes annually after 2022.

CASE STUDY: CLEVELAND-CLIFFS

Following efforts from JobsOhio as well as state and local government officials, in 2017 Cleveland-Cliffs announced that it had selected a site in Toledo, Ohio for the development of its first hot briquetted iron production plant. The capital investment into this new location of \$567M supported 130 new jobs and \$16M of annual payroll in the region.

ECONOMIC IMPACT RESULTS

\$5.67M
Total Investment
\$354M
Building Construction
\$16M
New Annual Payroll
130
New Annual Jobs

Economic Impact of Construction

	EMPLOYMENT	LABOR INCOME	VALUE ADDED	OUTPUT
Direct	2,815	\$188,682,353	\$206,537,728	\$390,258,144
Indirect	573	\$38,312,647	\$61,624,535	\$126,842,718
Induced	1,189	\$52,428,167	\$95,000,528	\$169,129,023
Total	4,577	\$279,423,167	\$363,162,791	\$686,229,885

Economic Impact Operations, Annual Contributions 2022 - Forward

	EMPLOYMENT	LABOR INCOME	VALUE ADDED	OUTPUT
Direct	130	\$16,986,339	\$31,651,690	\$141,321,707
Indirect	244	\$17,072,469	\$27,851,384	\$60,119,430
Induced	181	\$8,261,688	\$14,991,639	\$26,790,704
Total	554	\$42,320,495	\$74,494,714	\$228,231,842

The direct investment by Cleveland-Cliffs also supported \$78.94M in tax revenue to the state of Ohio. The annual operation of Cleveland-Cliffs since 2018, resulted in a cumulative impact of \$74.10M in supported taxes over the five-year period. The jobs created by Cleveland-Cliffs will hopefully continue to contribute annually to the Ohio economy generating \$14.82M in supported taxes annually after 2022.

THE ECONOMIC IMPACT OF JOBSONHIO PROJECTS: NORTHEAST REGION

FACT SHEET 2011-2022

INTRODUCTION

JobsOhio, the state's unique private economic development corporation, is independently funded by the spiritous liquor enterprise that it leased from the state and operates. JobsOhio deploys the profits to make impact investments, provide grants, and pursue a variety of initiatives that give Ohio a competitive advantage in attracting, retaining, and expanding business capital investments, payrolls, and career opportunities for Ohioans across the state.

JobsOhio has always quantified its return on investment the people of Ohio based on metrics limited to only the direct jobs, payrolls, new capital assets, and state income taxes generated from the project wins that JobsOhio negotiated and incentivized. To verify its own data and better understand the total impact of its programs, JobsOhio commissioned IMPLAN Group, the creators of the leading economic modeling application at the forefront of economic theory and practice, to perform a thorough analysis of all 3,274 projects JobsOhio served between 2011 and 2021.

IMPLAN utilizes Input-Output (I-O) Analysis to show how the linkages of industries, households, and government in the economy are connected through buy-sell relationships. By modeling changes by these actors, the ripple effect throughout Ohio's economy can be demonstrated for each year of JobsOhio's operations.

IMPLAN'S REGIONAL ANALYSIS

JobsOhio partners with a regional network of six economic development organizations. This approach leverages each region's unique strengths, perspective, and experience, adding a local touch to state-level resources that come together to strategically engage companies in Ohio. Team NEO serves 18 counties of Northeast Ohio, including Cleveland, Akron, Canton, Youngstown, and the surrounding communities.

JobsOhio has supported projects that attracted new companies and retained or expanded existing businesses in each of the six Ohio regions. This fact sheet looks at the specific performance of JobsOhio supported projects in the Northeast Region. The results summarized include direct, indirect, and induced impacts for all projects that occurred in the region. In addition, any residual indirect and induced impacts resulting from trade on projects that occurred in other regions of the state are also included. Therefore, the results below express the total impact on the Northeast Region from all JobsOhio projects within the state.



ECONOMIC IMPACT RESULTS: NORTHEAST REGION

There were 898 JobsOhio projects across various Industries in the Northeast Region between 2011-2021. For the majority of the projects, there were impacts on the economy associated with the construction of a new structure and increased or new operation activity for the business.

ANALYSIS KEY TERMS

ECONOMIC INDICATORS

Employment

An industry-specific mix of full-time, part-time, and seasonal employment which is an annual average that accounts for seasonality; Employment is not equal to full-time equivalents.

Labor Income

All forms of employment income, including employee compensation (wages and benefits) and proprietor income.

Value Added

The difference between an industry's or establishment's total output and the cost of its intermediate inputs; it is a measure of the contribution to Gross Domestic Product (GDP).

Output

The value of industry production; in IMPLAN these are annual production estimates for the year of the dataset.

Job Years

If a worker is employed annually, the job is counted more than once. Therefore, IMPLAN reports "Job Years" indicating the number of Jobs multiplied by the number of years it exists.

TYPES OF EFFECTS

Direct

The initial effects to a local industry or industries due to the activity or policy being analyzed.

Indirect

Stemming from business-to-business purchases in the supply chain taking place in the state.

Induced

Stemming from household spending of labor income, after removal of taxes, savings, and commuters.

ECONOMIC IMPACT RESULTS: NORTHEAST REGION

CONSTRUCTION OF NEW CAPITAL FACILITIES

According to IMPLAN's analysis, the direct capital investment by JobsOhio project companies located in the Northeast Region support 76,427 jobs, \$4.82B in Labor Income, \$5.20B in Gross State Product, and \$10.03B in Economic Output in the construction industry. Coupled with construction projects across the state, this results in a total economic impact of 136,488 jobs earning \$8.15B in Labor Income, \$10.98B in Gross State Product, and \$20.60B in Economic Output to the Northeast Region.

Economic Impact of Construction, Annual Average 2011-2021

	EMPLOYMENT	LABOR INCOME	VALUE ADDED	OUTPUT
Direct	76,427	\$4,824,033,495	\$5,200,123,146	\$10,032,640,079
Indirect	20,806	\$1,422,846,423	\$2,339,418,353	\$4,623,035,316
Induced	39,255	\$1,907,430,433	\$3,442,492,345	\$5,947,089,636
Total	136,488	\$8,154,310,351	\$10,982,033,844	\$20,602,765,032

Tax Impact of Construction, Total 2011-2021

	SUB COUNTY GENERAL	SUB COUNTY SPECIAL DISTRICT	COUNTY	STATE
Direct	\$47,673,917	\$20,790,337	\$7,316,999	\$125,967,541
Indirect	\$27,147,154	\$55,033,404	\$20,060,291	\$115,741,642
Induced	\$40,621,730	\$90,418,675	\$32,978,878	\$181,490,390
Total	\$115,442,800	\$166,242,417	\$60,356,167	\$423,199,574

NEW & EXPANDED INDUSTRY OPERATIONS

New or expanded operations of these companies resulted in 67,653 new jobs with an associated Labor Income of \$4.29B, contributing \$7.97B in Gross State Product, and a total net operating revenue of \$20.66B. Coupled with operations from projects across the state, this results in a total economic impact of 169,345 jobs earning \$9.90B in Labor Income, \$17.49B in Gross State Product, and \$38.86B in Economic Output to the Northeast Region.

Economic Impact of Operations, Annual Contributions 2022 - Forward

	EMPLOYMENT	LABOR INCOME	VALUE ADDED	OUTPUT
Direct	67,653	\$4,285,425,407	\$7,966,802,784	\$20,659,003,614
Indirect	53,285	\$3,263,338,357	\$5,274,145,607	\$10,871,241,343
Induced	48,407	\$2,349,850,635	\$4,246,700,582	\$7,327,768,150
Total	169,345	\$9,898,614,400	\$17,487,648,973	\$38,858,013,107

Tax Impact of Operations, Cumulative 2012-2022

	SUB COUNTY GENERAL	SUB COUNTY SPECIAL DISTRICT	COUNTY	STATE
Direct	\$84,153,176	\$160,000,162	\$58,117,273	\$344,686,316
Indirect	\$57,049,937	\$100,575,982	\$36,633,556	\$224,956,157
Induced	\$50,589,416	\$111,861,663	\$40,824,198	\$223,689,536
Total	\$191,792,529	\$372,437,807	\$135,575,027	\$793,332,010

Tax Impact of Operations, Annual Contributions 2022 - Forward

	SUB COUNTY GENERAL	SUB COUNTY SPECIAL DISTRICT	COUNTY	STATE
Direct	\$84,153,176	\$160,000,162	\$58,117,273	\$344,686,316
Indirect	\$57,049,937	\$100,575,982	\$36,633,556	\$224,956,157
Induced	\$50,589,416	\$111,861,663	\$40,824,198	\$223,689,536
Total	\$191,792,529	\$372,437,807	\$135,575,027	\$793,332,010

CASE STUDY: ULTIUM CELLS LLC

Ultium Cells LLC was created as a joint venture between GM and LG Chem to mass produce batteries for future use in electric vehicles. In 2020, Ultium Cells invested \$1.5B to create one of the largest cell manufacturing plants in the world in Lordstown, creating 1,000 new jobs to support the Automotive Industry.

ECONOMIC IMPACT RESULTS

\$1.5B
Total Investment
\$500M
Building Construction
\$45M
New Annual Payroll
1,000
New Annual Jobs

Economic Impact of Construction

	EMPLOYMENT	LABOR INCOME	VALUE ADDED	OUTPUT
Direct	4,137	\$272,499,539	\$277,186,852	\$519,887,636
Indirect	954	\$67,477,008	\$111,521,593	\$220,577,193
Induced	2,031	\$101,063,863	\$183,858,393	\$319,904,945
Total	7,122	\$441,040,411	\$572,566,837	\$1,060,369,774

Economic Impact Operations, Annual Contributions 2022 - Forward

	EMPLOYMENT	LABOR INCOME	VALUE ADDED	OUTPUT
Direct	1,000	\$45,767,740	\$70,557,870	\$176,671,188
Indirect	239	\$16,407,817	\$28,108,931	\$58,021,266
Induced	370	\$18,391,761	\$33,513,951	\$58,290,988
Total	1,609	\$80,567,318	\$132,180,752	\$292,983,442

The direct investment by Ultium Cells LLC also supported \$127.19M in tax revenue to the state of Ohio. The annual operation of Ultium Cells LLC since 2021, resulted in a cumulative impact of \$51.04M in supported taxes over the two-year period. The jobs created by Ultium Cells LLC will hopefully continue to contribute annually to the Ohio economy generating \$25.52M in supported taxes annually after 2022.

CASE STUDY: XELLIA PHARMACEUTICALS

Xellia Pharmaceuticals is a specialty pharmaceutical company focused on providing important anti-infective treatments against serious and often life-threatening infections. In 2015, Xellia announced initial plans to open their first US based production facility in Bedford, Ohio. The new facility became operational in 2021 employing a total of 280 workers earning \$14M in labor income.

ECONOMIC IMPACT RESULTS

\$72M
Total Investment
\$59M
Building Construction
\$14M
New Annual Payroll
270
New Annual Jobs

Economic Impact of Construction

	EMPLOYMENT	LABOR INCOME	VALUE ADDED	OUTPUT
Direct	509	\$32,478,710	\$34,924,234	\$66,942,684
Indirect	129	\$8,825,307	\$14,671,352	\$28,444,512
Induced	258	\$12,295,371	\$22,312,535	\$38,283,689
Total	896	\$53,599,387	\$71,908,121	\$133,670,885

Economic Impact Operations, Annual Contributions 2022 - Forward

	EMPLOYMENT	LABOR INCOME	VALUE ADDED	OUTPUT
Direct	270	\$21,206,310	\$40,864,001	\$114,082,877
Indirect	231	\$15,712,546	\$28,765,508	\$56,871,057
Induced	236	\$11,450,674	\$20,659,544	\$35,813,215
Total	737	\$48,369,530	\$90,289,053	\$206,767,148

The direct investment by Xellia Pharmaceuticals also supported \$15.90M in tax revenue to the state of Ohio. The annual operation of Xellia Pharmaceuticals since 2016, resulted in a cumulative impact of \$107.31M in supported taxes over the seven-year period. The jobs created by Xellia Pharmaceuticals will hopefully continue to contribute annually to the Ohio economy generating \$17.21M in supported taxes annually after 2022.

THE ECONOMIC IMPACT OF JOBSOHIO PROJECTS: WEST REGION

FACT SHEET 2011-2022

INTRODUCTION

JobsOhio, the state's unique private economic development corporation, is independently funded by the spiritous liquor enterprise that it leased from the state and operates. JobsOhio deploys the profits to make impact investments, provide grants, and pursue a variety of initiatives that give Ohio a competitive advantage in attracting, retaining, and expanding business capital investments, payrolls, and career opportunities for Ohioans across the state.

JobsOhio has always quantified its return on investment the people of Ohio based on metrics limited to only the direct jobs, payrolls, new capital assets, and state income taxes generated from the project wins that JobsOhio negotiated and incentivized. To verify its own data and better understand the total impact of its programs, JobsOhio commissioned IMPLAN Group, the creators of the leading economic modeling application at the forefront of economic theory and practice, to perform a thorough analysis of all 3,274 projects JobsOhio served between 2011 and 2021.

IMPLAN utilizes Input-Output (I-O) Analysis to show how the linkages of industries, households, and government in the economy are connected through buy-sell relationships. By modeling changes by these actors, the ripple effect throughout Ohio's economy can be demonstrated for each year of JobsOhio's operations.

IMPLAN'S REGIONAL ANALYSIS

JobsOhio partners with a regional network of six economic development organizations. This approach leverages each region's unique strengths, perspective, and experience, adding a local touch to state-level resources that come together to strategically engage companies in Ohio. The Dayton Development Coalition serves 14 counties in the Dayton Region of West Ohio, supporting Wright-Patterson Air Force Base and other federal installations in the surrounding area.

JobsOhio supported projects that attracted new companies and retained or expanded existing businesses in each of the six Ohio regions. This fact sheet looks at the specific performance of JobsOhio supported projects in the West Region. The results summarized include direct, indirect, and induced impacts for all projects that occurred in the region. In addition, any residual indirect and induced impacts resulting from trade on projects that occurred in other regions of the state are also included. Therefore, the results below express the total impact on the West Region from all JobsOhio projects within the state.



ECONOMIC IMPACT RESULTS: WEST REGION

There were 416 JobsOhio projects across various Industries in the West Region between 2011-2021. For the majority of the projects, there were impacts on the economy associated with the construction of a new structure and increased or new operation activity for the business.

ANALYSIS KEY TERMS

ECONOMIC INDICATORS

Employment

An industry-specific mix of full-time, part-time, and seasonal employment which is an annual average that accounts for seasonality; Employment is not equal to full-time equivalents.

Labor Income

All forms of employment income, including employee compensation (wages and benefits) and proprietor income.

Value Added

The difference between an industry's or establishment's total output and the cost of its intermediate inputs; it is a measure of the contribution to Gross Domestic Product (GDP).

Output

The value of industry production; in IMPLAN these are annual production estimates for the year of the dataset.

Job Years

If a worker is employed annually, the job is counted more than once. Therefore, IMPLAN reports "Job Years" indicating the number of Jobs multiplied by the number of years it exists.

TYPES OF EFFECTS

Direct

The initial effects to a local industry or industries due to the activity or policy being analyzed.

Indirect

Stemming from business-to-business purchases in the supply chain taking place in the state.

Induced

Stemming from household spending of labor income, after removal of taxes, savings, and commuters.

ECONOMIC IMPACT RESULTS: WEST REGION

CONSTRUCTION OF NEW CAPITAL FACILITIES

According to IMPLAN's analysis, the direct capital investment by JobsOhio project companies located in the West Region support 25,154 jobs, \$1.60B in Labor Income, \$1.68B in Gross State Product, and \$3.19B in Economic Output in the construction industry. Coupled with construction projects across the state, this results in a total economic impact of 41,099 jobs earning \$2.41B in Labor Income, \$3.09B in Gross State Product, and \$5.86B in Economic Output to the West Region.

Economic Impact of Construction, Total 2011-2021

	EMPLOYMENT	LABOR INCOME	VALUE ADDED	OUTPUT
Direct	25,154	\$1,597,627,823	\$1,680,823,698	\$3,188,035,150
Indirect	5,253	\$328,677,812	\$528,797,807	\$1,107,491,148
Induced	10,692	\$480,506,402	\$881,027,487	\$1,562,591,381
Total	41,099	\$2,406,812,036	\$3,090,648,992	\$5,858,117,679

Tax Impact of Construction, Total 2011-2021

	SUB COUNTY GENERAL	SUB COUNTY SPECIAL DISTRICT	COUNTY	STATE
Direct	\$11,743,449	\$8,292,349	\$2,539,062	\$40,131,553
Indirect	\$5,822,158	\$15,354,253	\$6,316,784	\$31,944,255
Induced	\$9,157,419	\$24,806,120	\$10,255,472	\$50,884,859
Total	\$26,723,025	\$48,452,722	\$19,111,318	\$122,960,668

NEW & EXPANDED INDUSTRY OPERATIONS

New or expanded operations of these companies resulted in 32,691 new jobs with an associated Labor Income of \$1.86B, contributing \$3.46B in Gross State Product, and a total net operating revenue of \$10.37B. Coupled with operations from projects across the state, this results in a total economic impact of 71,890 jobs earning \$3.84B in Labor Income, \$6.82B in Gross State Product, and \$17.24B in Economic Output to the West Region.

Economic Impact of Operations, Annual Contributions 2022 - Forward

	EMPLOYMENT	LABOR INCOME	VALUE ADDED	OUTPUT
Direct	32,691	\$1,862,363,933	\$3,459,885,328	\$10,369,792,245
Indirect	21,896	\$1,197,688,469	\$1,936,659,722	\$4,355,021,338
Induced	17,303	\$775,132,877	\$1,423,921,834	\$2,519,178,161
Total	71,890	\$3,835,185,279	\$6,820,466,885	\$17,243,991,744

Tax Impact of Operations, Cumulative 2012-2022

	SUB COUNTY GENERAL	SUB COUNTY SPECIAL DISTRICT	COUNTY	STATE
Direct	\$201,636,589	\$545,188,473	\$224,491,399	\$1,165,688,413
Indirect	\$104,218,937	\$239,828,779	\$98,315,854	\$540,831,636
Induced	\$85,640,136	\$231,236,134	\$96,328,715	\$482,812,307
Total	\$391,495,662	\$1,016,253,387	\$419,135,968	\$2,189,332,355

Tax Impact of Operations, Annual Contributions 2022 - Forward

	SUB COUNTY GENERAL	SUB COUNTY SPECIAL DISTRICT	COUNTY	STATE
Direct	\$69,730,867	\$154,645,582	\$62,047,942	\$313,816,893
Indirect	\$41,613,280	\$69,182,668	\$27,194,846	\$157,261,746
Induced	\$37,175,041	\$88,130,160	\$35,245,879	\$174,949,661
Total	\$148,519,188	\$311,958,410	\$124,488,667	\$646,028,299

CASE STUDY: CARGILL INC.

Cargill Inc. is the largest privately held company in the US, developing highly demanded food products, advancing nutrition, food safety, and sustainability. Cargill operates across 70 Countries in food processing, agriculture, nutrition, and risk management. In 2015, the company invested \$225M to modernize operations and expand its existing soybean processing facility in Sidney. The expansion provided Cargill's adjacent refined oils facility with a larger, direct supply of crude soybean oil, in total adding 67 new jobs to the region.

ECONOMIC IMPACT RESULTS

\$240M

Total Investment

\$140M

Building Construction

\$3M

New Annual Payroll

67

New Annual Jobs

Economic Impact of Construction

	EMPLOYMENT	LABOR INCOME	VALUE ADDED	OUTPUT
Direct	1,177	\$77,160,385	\$78,467,891	\$148,435,324
Indirect	263	\$18,146,167	\$29,622,460	\$60,264,426
Induced	524	\$25,317,401	\$46,195,659	\$81,295,495
Total	1,964	\$120,623,953	\$154,286,009	\$289,995,244

Economic Impact Operations, Annual Contributions 2022 - Forward

	EMPLOYMENT	LABOR INCOME	VALUE ADDED	OUTPUT
Direct	67	\$3,093,774	\$21,475,015	\$198,055,716
Indirect	586	\$19,941,108	\$46,355,786	\$131,031,630
Induced	130	\$6,114,943	\$11,179,062	\$19,333,610
Total	783	\$29,149,825	\$79,009,863	\$348,420,956

The direct investment by Cargill Inc. also supported \$33.81M in tax revenue to the state of Ohio. The annual operation of Cargill Inc. since 2016, resulted in a cumulative impact of \$86.70M in supported taxes over the seven-year period. The jobs created by Cargill Inc. will hopefully continue to contribute annually to the Ohio economy generating \$14.03M in supported taxes annually after 2022.

CASE STUDY: SILFEX

An Eaton based manufacturer, Silfex is the leading provider of precision components used to make and operate semiconductor manufacturing equipment. On top of an expansion at their Eaton facility in 2016 which resulted in 109 additional jobs, Silfex announced it was building a second location in Springfield. As of 2019, the company had spent more than \$220M on their Springfield facility and added 400 jobs to the Region.

ECONOMIC IMPACT RESULTS

\$220M

Total Investment

\$63M

Building Construction

\$26M

New Annual Payroll

509

New Annual Jobs

Economic Impact of Construction

	EMPLOYMENT	LABOR INCOME	VALUE ADDED	OUTPUT
Direct	512	\$33,380,689	\$36,081,123	\$69,500,234
Indirect	126	\$8,390,134	\$13,631,854	\$27,732,151
Induced	234	\$10,806,984	\$19,556,734	\$34,517,009
Total	873	\$52,577,807	\$69,269,711	\$131,749,394

Economic Impact Operations, Annual Contributions 2022 - Forward

	EMPLOYMENT	LABOR INCOME	VALUE ADDED	OUTPUT
Direct	509	\$25,410,850	\$35,313,860	\$139,833,546
Indirect	477	\$35,516,581	\$50,011,526	\$91,212,784
Induced	350	\$16,781,309	\$30,282,650	\$53,081,971
Total	1,336	\$77,708,740	\$115,608,037	\$284,128,301

The direct investment by Silfex also supported \$15.23M in tax revenue to the state of Ohio. The annual operation of Silfex since 2017, resulted in a cumulative impact of \$132.03M in supported taxes over the six-year period. The jobs created by Silfex will hopefully continue to contribute annually to the Ohio economy generating \$25.37M in supported taxes annually after 2022.

THE ECONOMIC IMPACT OF JOBSONHIO PROJECTS: SOUTHWEST REGION

FACT SHEET 2011-2022

INTRODUCTION

JobsOhio, the state's unique private economic development corporation, is independently funded by the spiritous liquor enterprise that it leased from the state and operates. JobsOhio deploys the profits to make impact investments, provide grants, and pursue a variety of initiatives that give Ohio a competitive advantage in attracting, retaining, and expanding business capital investments, payrolls, and career opportunities for Ohioans across the state.

JobsOhio has always quantified its return on investment the people of Ohio based on metrics limited to only the direct jobs, payrolls, new capital assets, and state income taxes generated from the project wins that JobsOhio negotiated and incentivized. To verify its own data and better understand the total impact of its programs, JobsOhio commissioned IMPLAN Group, the creators of the leading economic modeling application at the forefront of economic theory and practice, to perform a thorough analysis of all 3,274 projects JobsOhio served between 2011 and 2021.

IMPLAN utilizes Input-Output (I-O) Analysis to show how the linkages of industries, households, and government in the economy are connected through buy-sell relationships. By modeling changes by these actors, the ripple effect throughout Ohio's economy can be demonstrated for each year of JobsOhio's operations.

IMPLAN'S REGIONAL ANALYSIS

JobsOhio partners with a regional network of six economic development organizations. This approach leverages each region's unique strengths, perspective, and experience, adding a local touch to state-level resources that come together to strategically engage companies in Ohio. REDI Cincinnati is recognized as a global business center with 10 Fortune 500 companies, over 400 foreign-owned firms, and accessibility to customers and suppliers across the world.

JobsOhio has supported projects that attracted new companies and retained or expanded existing businesses in each of the six Ohio regions. This fact sheet looks at the specific performance of JobsOhio supported projects in the Southwest Region. The results summarized include direct, indirect, and induced impacts for all projects that occurred in the region. In addition, any residual indirect and induced impacts resulting from trade on projects that occurred in other regions of the state are also included. Therefore, the results below express the total impact on the Southwest Region from all JobsOhio projects within the state.



ECONOMIC IMPACT RESULTS: SOUTHWEST REGION

There were 495 JobsOhio projects across various industries in the Southwest Region between 2011-2021. For the majority of the projects, there were impacts on the economy associated with the construction of a new structure and increased or new operation activity for the business.

ANALYSIS KEY TERMS

ECONOMIC INDICATORS

Employment

An industry-specific mix of full-time, part-time, and seasonal employment which is an annual average that accounts for seasonality; Employment is not equal to full-time equivalents.

Labor Income

All forms of employment income, including employee compensation (wages and benefits) and proprietor income.

Value Added

The difference between an industry's or establishment's total output and the cost of its intermediate inputs; it is a measure of the contribution to Gross Domestic Product (GDP).

Output

The value of industry production; in IMPLAN these are annual production estimates for the year of the dataset.

Job Years

If a worker is employed annually, the job is counted more than once. Therefore, IMPLAN reports "Job Years" indicating the number of Jobs multiplied by the number of years it exists.

TYPES OF EFFECTS

Direct

The initial effects to a local industry or industries due to the activity or policy being analyzed.

Indirect

Stemming from business-to-business purchases in the supply chain taking place in the state.

Induced

Stemming from household spending of labor income, after removal of taxes, savings, and commuters.

ECONOMIC IMPACT RESULTS: SOUTHWEST REGION

CONSTRUCTION OF NEW CAPITAL FACILITIES

According to IMPLAN's analysis, the direct capital investment by JobsOhio project companies located in the Southwest Region support 22,475 jobs, \$1.57B in Labor Income, \$1.65B in Gross State Product, and \$2.97B in Economic Output in the construction industry. Coupled with construction projects across the state, this results in a total economic impact of 39,222 jobs earning \$2.62B in Labor Income, \$3.44B in Gross State Product, and \$6.05B in Economic Output to the Southwest Region.

Economic Impact of Construction, Annual Average 2011-2021

	EMPLOYMENT	LABOR INCOME	VALUE ADDED	OUTPUT
Direct	22,475	\$1,571,529,263	\$1,651,365,991	\$2,974,807,510
Indirect	5,573	\$443,616,095	\$708,287,272	\$1,287,058,537
Induced	11,173	\$607,296,743	\$1,080,789,831	\$1,787,337,513
Total	39,222	\$2,622,442,101	\$3,440,443,094	\$6,049,203,560

Tax Impact of Construction, Total 2011-2021

	SUB COUNTY GENERAL	SUB COUNTY SPECIAL DISTRICT	COUNTY	STATE
Direct	\$11,382,592	\$5,195,749	\$2,039,165	\$36,410,837
Indirect	\$7,553,435	\$14,065,012	\$5,893,985	\$34,538,991
Induced	\$11,501,834	\$22,949,652	\$9,634,899	\$54,312,251
Total	\$30,437,860	\$42,210,413	\$17,568,049	\$125,262,079

NEW & EXPANDED INDUSTRY OPERATIONS

New or expanded operations of these companies resulted in 44,217 new jobs with an associated Labor Income of \$2.94B, contributing \$4.82B in Gross State Product, and a total net operating revenue of \$10.57B. Coupled with operations from projects across the state, this results in a total economic impact of 96,304 jobs earning \$6.24B in Labor Income, \$10.21B in Gross State Product, and \$19.93B in Economic Output to the Southwest Region.

Economic Impact of Operations, Annual Contributions 2022 - Forward

	EMPLOYMENT	LABOR INCOME	VALUE ADDED	OUTPUT
Direct	44,217	\$2,943,092,281	\$4,820,460,737	\$10,566,743,575
Indirect	26,162	\$1,890,946,212	\$2,890,129,867	\$5,217,068,758
Induced	25,925	\$1,402,387,874	\$2,503,321,289	\$4,143,139,988
Total	96,304	\$6,236,426,367	\$10,213,911,893	\$19,926,952,321

Tax Impact of Operations, Cumulative 2012-2022

	SUB COUNTY GENERAL	SUB COUNTY SPECIAL DISTRICT	COUNTY	STATE
Direct	\$233,239,441	\$365,728,974	\$150,192,670	\$1,005,744,008
Indirect	\$151,485,312	\$236,425,913	\$98,134,412	\$646,132,281
Induced	\$155,201,946	\$312,108,304	\$130,358,292	\$735,597,092
Total	\$539,926,700	\$914,263,190	\$378,685,374	\$2,387,473,380

Tax Impact of Operations, Annual Contributions 2022 - Forward

	SUB COUNTY GENERAL	SUB COUNTY SPECIAL DISTRICT	COUNTY	STATE
Direct	\$42,854,862	\$68,321,930	\$27,992,744	\$185,065,093
Indirect	\$26,472,793	\$41,053,494	\$16,937,671	\$112,303,479
Induced	\$26,920,243	\$53,500,841	\$22,209,069	\$127,237,576
Total	\$96,247,898	\$162,876,265	\$67,139,485	\$424,606,147

CASE STUDY: NESTLE PURINA

For over 90 years, Purina has provided high-quality, nutritious pet foods from one of their 21 manufacturing facilities across the US. In 2020, Nestlé Purina PetCare announced a \$550M investment to build a new factory in Batavia to meet increasing demand. This new location will bring 300 jobs to the Southwest Region, adding \$13M in annual labor income for local workers.

ECONOMIC IMPACT RESULTS

\$550M

Total Investment

\$200M

Building Construction

\$13M

New Annual Payroll

300

New Annual Jobs

Economic Impact of Construction

	EMPLOYMENT	LABOR INCOME	VALUE ADDED	OUTPUT
Direct	1,552	\$115,172,732	\$117,009,166	\$207,955,055
Indirect	325	\$25,711,896	\$41,332,230	\$76,351,721
Induced	697	\$38,181,045	\$68,707,458	\$115,165,051
Total	2,574	\$179,065,673	\$227,048,854	\$399,471,826

Economic Impact Operations, Annual Contributions 2022 - Forward

	EMPLOYMENT	LABOR INCOME	VALUE ADDED	OUTPUT
Direct	300	\$13,247,371	\$28,719,801	\$168,340,810
Indirect	362	\$21,414,878	\$31,740,490	\$74,448,305
Induced	169	\$9,146,631	\$16,516,591	\$27,806,424
Total	831	\$43,808,880	\$76,976,883	\$270,595,539

The direct investment by Nestlé Purina also supported \$46.80M in tax revenue to the state of Ohio. The annual operation of Nestlé Purina since 2021, resulted in a cumulative impact of \$31.74M in supported taxes over the two-year period. The jobs created by Nestlé Purina will hopefully continue to contribute annually to the Ohio economy generating \$15.87M in supported taxes annually after 2022.

CASE STUDY: FESTO

Festo is a family-owned operation with companies in 61 countries who supply automation technology and technical training solutions for over 35 industries. Festo first announced its move to Mason in 2013, building a \$50M, 150,000 square-foot facility which opened in 2015. Due to continued growth and success in Ohio, the company decided to not only expand the facility's operations but also relocate their US headquarters to Mason. Festo currently employs 500 workers earning \$25M in Labor Income.

ECONOMIC IMPACT RESULTS

\$141M

Total Investment

\$68M

Building Construction

\$25M

New Annual Payroll

500

New Annual Jobs

Economic Impact of Construction

	EMPLOYMENT	LABOR INCOME	VALUE ADDED	OUTPUT
Direct	488	\$35,013,513	\$40,735,659	\$75,321,216
Indirect	118	\$9,271,570	\$14,684,932	\$26,867,141
Induced	228	\$12,184,770	\$21,646,552	\$36,095,579
Total	834	\$56,469,853	\$77,067,143	\$138,283,935

Economic Impact Operations, Annual Contributions 2022 - Forward

	EMPLOYMENT	LABOR INCOME	VALUE ADDED	OUTPUT
Direct	500	\$34,257,529	\$43,932,993	\$105,057,457
Indirect	194	\$15,728,588	\$22,767,377	\$41,856,548
Induced	261	\$13,927,023	\$25,044,879	\$41,702,801
Total	955	\$63,913,140	\$91,745,249	\$188,616,806

The direct investment by Festo also supported \$14.95M in tax revenue to the state of Ohio. The annual operation of Festo since 2014, resulted in a cumulative impact of \$111.57M in supported taxes over the nine-year period. The jobs created by Festo will hopefully continue to contribute annually to the Ohio economy generating \$17.67M in supported taxes annually after 2022.

THE ECONOMIC IMPACT OF JOBSONHIO PROJECTS: SOUTHEAST REGION

FACT SHEET 2011-2022

INTRODUCTION

JobsOhio, the state's unique private economic development corporation, is independently funded by the spiritous liquor enterprise that it leased from the state and operates. JobsOhio deploys the profits to make impact investments, provide grants, and pursue a variety of initiatives that give Ohio a competitive advantage in attracting, retaining, and expanding business capital investments, payrolls, and career opportunities for Ohioans across the state.

JobsOhio has always quantified its return on investment the people of Ohio based on metrics limited to only the direct jobs, payrolls, new capital assets, and state income taxes generated from the project wins that JobsOhio negotiated and incentivized. To verify its own data and better understand the total impact of its programs, JobsOhio commissioned IMPLAN Group, the creators of the leading economic modeling application at the forefront of economic theory and practice, to perform a thorough analysis of all 3,274 projects JobsOhio served between 2011 and 2021.

IMPLAN utilizes Input-Output (I-O) Analysis to show how the linkages of industries, households, and government in the economy are connected through buy-sell relationships. By modeling changes by these actors, the ripple effect throughout Ohio's economy can be demonstrated for each year of JobsOhio's operations.

IMPLAN'S REGIONAL ANALYSIS

JobsOhio partners with a regional network of six economic development organizations. This approach leverages each region's unique strengths, perspective, and experience, adding a local touch to state-level resources that come together to strategically engage companies in Ohio. Ohio Southeast serves 25 counties that boast exceptional logistical infrastructure that includes road, river, and rail, it makes up almost one-third of Ohio's land mass and has a population of over 1 million people.

JobsOhio has supported projects that attracted new companies and retained or expanded existing businesses in each of the six Ohio regions. This fact sheet looks at the specific performance of JobsOhio supported projects in the Southeast. The results summarized include direct, indirect, and induced impacts for all projects that occurred in the region. In addition, any residual indirect and induced impacts resulting from trade on projects that occurred in other regions of the state are also included. Therefore, the results below express the total impact on the Southeast Region from all JobsOhio projects within the state.

ECONOMIC IMPACT RESULTS: SOUTHEAST REGION

There were 276 JobsOhio projects across various industries in the Southeast Region between 2011-2021. For the majority of the projects, there were impacts on the economy associated with the construction of a new structure and increased or new operation activity for the business.

ANALYSIS KEY TERMS

ECONOMIC INDICATORS

Employment

An industry-specific mix of full-time, part-time, and seasonal employment which is an annual average that accounts for seasonality; Employment is not equal to full-time equivalents.

Labor Income

All forms of employment income, including employee compensation (wages and benefits) and proprietor income.

Value Added

The difference between an industry's or establishment's total output and the cost of its intermediate inputs; it is a measure of the contribution to Gross Domestic Product (GDP).

Output

The value of industry production; in IMPLAN these are annual production estimates for the year of the dataset.

Job Years

If a worker is employed annually, the job is counted more than once. Therefore, IMPLAN reports "Job Years" indicating the number of Jobs multiplied by the number of years it exists.

TYPES OF EFFECTS

Direct

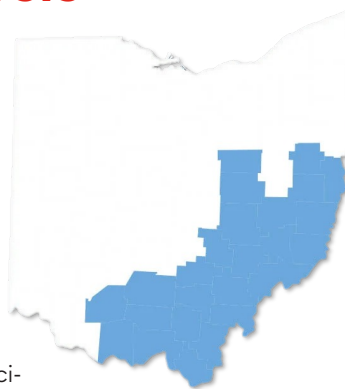
The initial effects to a local industry or industries due to the activity or policy being analyzed.

Indirect

Stemming from business-to-business purchases in the supply chain taking place in the state.

Induced

Stemming from household spending of labor income, after removal of taxes, savings, and commuters.



ECONOMIC IMPACT RESULTS: SOUTHEAST REGION

CONSTRUCTION OF NEW CAPITAL FACILITIES

According to IMPLAN's analysis, the direct capital investment by JobsOhio project companies located in the region supports 68,901 jobs, \$4.42B in Labor Income, \$5.01B in Gross State Product, and \$9.37B in Economic Output in the construction industry. Coupled with construction projects across the state, this results in a total economic impact of 100,863 jobs earning \$5.78B in Labor Income, \$7.59B in Gross State Product, and \$14.28B in Economic Output to the Southeast Region.

Economic Impact of Construction, Annual Average 2011-2021

	EMPLOYMENT	LABOR INCOME	VALUE ADDED	OUTPUT
Direct	68,901	\$4,415,112,559	\$5,011,487,016	\$9,367,814,381
Indirect	10,920	\$565,081,177	\$996,414,243	\$2,105,114,845
Induced	21,042	\$802,221,671	\$1,580,918,788	\$2,802,113,113
Total	100,863	\$5,782,415,407	\$7,588,820,048	\$14,275,042,340

Tax Impact of Construction, Total 2011-2021

	SUB COUNTY GENERAL	SUB COUNTY SPECIAL DISTRICT	COUNTY	STATE
Direct	\$13,822,597	\$15,611,800	\$8,887,955	\$124,259,995
Indirect	\$8,461,881	\$31,370,829	\$18,777,531	\$85,535,732
Induced	\$11,217,321	\$40,198,410	\$24,197,399	\$111,347,794
Total	\$33,501,799	\$87,181,039	\$51,862,885	\$321,143,521

NEW & EXPANDED INDUSTRY OPERATIONS

New or expanded operations of these companies resulted in 10,184 new jobs with an associated Labor Income of \$504.11M, contributing \$906.92M in Gross State Product, and a total net operating revenue of \$3.09B. Coupled with operations from projects across the state, this results in a total economic impact of 24,199 jobs earning \$975.78M in Labor Income, \$1.88B in Gross State Product, and \$5.16B in Economic Output to the Southeast Region.

Economic Impact of Operations, Annual Contributions 2022 - Forward

	EMPLOYMENT	LABOR INCOME	VALUE ADDED	OUTPUT
Direct	10,184	\$504,105,442	\$906,922,192	\$3,085,130,579
Indirect	9,520	\$294,839,195	\$615,955,060	\$1,424,587,152
Induced	4,495	\$176,832,743	\$357,596,636	\$646,265,102
Total	24,199	\$975,777,380	\$1,880,473,889	\$5,155,982,833

Tax Impact of Operations, Cumulative 2012-2022

	SUB COUNTY GENERAL	SUB COUNTY SPECIAL DISTRICT	COUNTY	STATE
Direct	\$35,534,705	\$122,834,563	\$72,971,935	\$358,263,298
Indirect	\$25,008,037	\$89,622,721	\$53,141,652	\$253,580,571
Induced	\$15,574,965	\$57,026,340	\$33,923,947	\$158,935,943
Total	\$76,117,707	\$269,483,624	\$160,037,533	\$770,779,812

Tax Impact of Operations, Annual Contributions 2022 - Forward

	SUB COUNTY GENERAL	SUB COUNTY SPECIAL DISTRICT	COUNTY	STATE
Direct	\$5,282,289	\$17,655,313	\$10,549,473	\$52,372,885
Indirect	\$4,058,870	\$14,498,708	\$8,681,490	\$40,705,466
Induced	\$2,583,887	\$9,420,609	\$5,660,052	\$26,059,184
Total	\$11,925,047	\$41,574,629	\$24,891,015	\$119,137,535

CASE STUDY: AMG VANADIUM

AMG Vanadium is the world's leading provider of spent refinery catalyst recycling and metal reclamation services. AMG Vanadium chose to build its new facility in Zanesville. The impact from this new expansion stemmed from a capital investment of \$201M, that supported 102 new employees earning \$5M in annual Labor Income to the region.

ECONOMIC IMPACT RESULTS

\$201M

Total Investment

\$130M

Building Construction

\$5M

New Annual Payroll

102

New Annual Jobs

Economic Impact of Construction

	EMPLOYMENT	LABOR INCOME	VALUE ADDED	OUTPUT
Direct	1,110	\$71,465,182	\$72,629,004	\$137,608,216
Indirect	189	\$11,895,210	\$19,779,040	\$41,400,279
Induced	365	\$15,669,909	\$30,048,670	\$53,285,031
Total	1,664	\$99,030,301	\$122,456,714	\$232,293,526

Economic Impact Operations, Annual Contributions 2022 - Forward

	EMPLOYMENT	LABOR INCOME	VALUE ADDED	OUTPUT
Direct	102	\$5,602,726	\$10,880,202	\$69,907,061
Indirect	109	\$7,191,599	\$12,214,491	\$26,609,178
Induced	58	\$2,594,987	\$4,931,289	\$8,681,970
Total	270	\$15,389,312	\$28,025,982	\$105,198,209

The direct investment AMG Vanadium also supported \$27.52M in tax revenue to the state of Ohio. The annual operation of AMG Vanadium since 2020, resulted in a cumulative impact of \$18.01M in supported taxes over the three-year period. The jobs created by AMG Vanadium will hopefully continue to contribute annually to the Ohio economy generating \$6.00M in supported taxes annually after 2022.

CASE STUDY: GLOBAL COOLING

Global Cooling manufactures and sells Stirling Ultracold freezers. In 2011, the company announced plans to relocate their manufacturing facility to the Theisen Industrial Park in Athens to expand operations. In 2019, the company invested in new machinery and operating equipment to increase capacity and add new production lines. The relocation and expansion added 62 total jobs to the region with an annual payroll of \$4M.

ECONOMIC IMPACT RESULTS

\$4M

Total Investment

\$750K

Building Construction

\$4M

New Annual Payroll

62

New Annual Jobs

Economic Impact of Construction

	EMPLOYMENT	LABOR INCOME	VALUE ADDED	OUTPUT
Direct	7	\$431,340	\$442,363	\$873,119
Indirect	1	\$62,592	\$106,411	\$225,204
Induced	2	\$90,964	\$176,123	\$307,569
Total	11	\$584,896	\$724,897	\$1,405,891

Economic Impact Operations, Annual Contributions 2022 - Forward

	EMPLOYMENT	LABOR INCOME	VALUE ADDED	OUTPUT
Direct	62	\$4,072,172	\$5,805,947	\$20,876,583
Indirect	40	\$2,249,474	\$3,443,697	\$7,054,529
Induced	32	\$1,362,193	\$2,582,407	\$4,475,883
Total	134	\$7,683,839	\$11,832,051	\$32,406,996

The direct investment by Global Cooling also supported \$0.16M in tax revenue to the state of Ohio. The annual operation of Global Cooling since 2012, resulted in a cumulative impact of \$22.82M in supported taxes over the eleven-year period. The jobs created by Global Cooling will hopefully continue to contribute annually to the Ohio economy generating \$2.59M in supported taxes annually after 2022.