

THE ECONOMIC IMPACT OF JOBSOHIO PROJECTS 2011-21 UPDATE

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Prepared For JobsOhio

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EXECUTIVE SUMMARY

JobsOhio is the state of Ohio’s unique private economic development corporation. They are a catalyst for high-growth business investments and job creation that are helping propel the state’s ingenuity and ambitions forward. Founded 14 years ago in 2011, JobsOhio is a first-of-its-kind, state-authorized, nonprofit built with private stable financial resources, seasoned professionals with private sector expertise, and the long-term investment outlook needed to attract, retain, and expand businesses, payrolls, and career opportunities across the state.

As further outlined below, the scope of this analysis relates to 3,274 economic development projects in Ohio from 2011-2021. It is important to note that the scope of JobsOhio is broader than such projects. For example, JobsOhio used its agile operating model to create ten economic development programs during the pandemic to assist businesses and jobs most at risk. Such pandemic programs are beyond the scope of our analysis.

Project Details

In the period from its founding in 2011 through 2021, JobsOhio executed 3,274 economic development project deals that attracted new companies to the state and retained or expanded existing Ohio businesses. This study used IMPLAN annual data sets and the IMPLAN calculation process to estimate the economic impact from new construction and additional annual operating expenses of the JobsOhio supported projects on the economy.¹

JobsOhio supports a regional network of six economic development organizations. Each economic development project was modeled in its specific JobsOhio region. Each region was then linked to the other five JobsOhio regions using a technique called Multi-Region Input-Output (MRIO). By modeling changes by these actors, the ripple effect throughout the entire state economy is demonstrated.²

¹ IMPLAN Group LLC. IMPLAN 2022. Huntersville, NC. IMPLAN.com.

² There are now seven regions but this report uses the previous six region split.

In an MRIO analysis, IMPLAN uses each region's unique local multipliers to calculate effects. Multipliers represent the total production impact within a region for every unit of direct production.

Economic Impact Results

There are impacts on the economy associated with the construction of a new structure and increased or new operation activity for the business. The direct investment by companies working with JobsOhio supported 24,481 jobs, \$1.68B in Labor Income, \$1.84B in Gross State Product, and \$3.48B 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.³ This results in a total economic impact to the economy of 446,796 jobs earning \$28.38B in Labor Income, \$37.58B in Gross State Product, and \$70.08B 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 \$0.86 is supported in the state, for a multiplier of 1.86.

While many of these companies existed prior to receiving support from JobsOhio, only the new employment and spending was analyzed. The annual operation of these companies from 2012 through 2022 resulted in a cumulative impact of 1,398,822 job years with an associated Labor Income of \$86.78B, contributing \$161.12B in Gross State Product, and a total net operating revenue of \$425.24B.⁴ This results in a total economic impact of 3,245,135 job years earning \$191.79B in Labor Income, \$339.89B in Gross State Product, and \$763.16B in Economic Output to the State of Ohio over the eleven-year period.

The jobs created by these companies will hopefully 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

³ The total annual average construction jobs in Ohio were sourced from the Bureau of Labor Statistics' (BLS) State and Area Employment, Hours, and Earnings table from 2011-2021.

⁴ If a worker is employed annually, the job will be counted more than once. Therefore, we report them as "Job Years" indicating the number of Jobs multiplied by the number of years it exists.

with an associated Labor Income of \$15.20B, contributing \$28.40B in Gross State Product, and a total net operating revenue of \$72.67B. This will result in a total economic impact of 551,103 jobs earning \$32.92B in Labor Income, \$58.86B in Gross State Product, and \$130.23B in Economic Output to the state of Ohio each year due to the eleven-year investments by JobsOhio in the 3,274 projects. The continued operation of these companies over time will help Ohio in their efforts to achieve greater economic diversification.

For every direct job created by these companies, an additional 1.26 jobs are supported in the state for a multiplier of 2.26. For every \$1 in direct Gross State Product from operations, an additional \$1.07 is supported in the state, for a multiplier of 2.07.

INTRODUCTION

JobsOhio's programs and development-ready sites empower world-class corporations, entrepreneurs, and talented individuals to build their businesses and careers in Ohio. They collaborate with Ohio's regional economic development organizations, academic institutions, federal installations, business sector organizations, and the State of Ohio to deliver comprehensive programs and investment initiatives that incubate innovations, enable sustainable economic growth, and enhance the quality of life for Ohioans through the power and dignity of work.

Project Details

Between 2011 and 2021, JobsOhio has served 3,274 projects.⁵ These projects were spread across the six regions and ten target industries outlined by JobsOhio. Firms are supported through state incentives and/or technical assistance by JobsOhio industry professionals. Of these projects, 3,118 had new construction or added employment and payroll. The remaining 156 projects were mostly redevelopment or retention projects, which did not generate any new economic activity that could be attributed to the state as outlined in the methodology section.⁶

⁵ Three of these were classified as "multi-regional" projects and split evenly across appropriate regions. The total number of projects by region was 3,278. The project data analyzed in this report accurately reflects JobsOhio Salesforce data as of the ending of January 2022. Discrepancies might be observed comparing to data pulled at a different time as continued data integrity measurement are being implemented.

⁶ The 156 projects supported by JobsOhio which did not have any attributable project metrics data were excluded from this analysis.

ECONOMIC IMPACT ANALYSIS

IMPLAN is the leading economic modeling application at the forefront of economic theory and practice. IMPLAN utilizes input-output methodology 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 the economy for a given region in a given year is demonstrated.

IMPLAN has been a standard tool for academic and professional economists for decades. The methods used to produce IMPLAN's economic data set and economic impact estimates have been widely published both in professional publications as well as peer-reviewed academic journals. Many of these methods are considered standard best practices in a wide variety of applied economic fields today.

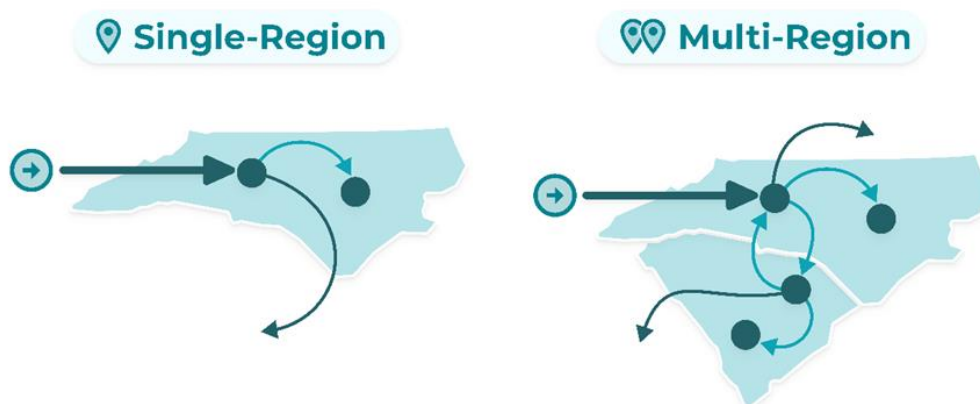
Methodology

This study used IMPLAN annual data sets and the IMPLAN calculation process to estimate the economic impact from new construction and additional annual operating expenses of the JobsOhio supported projects on the economy.⁷ 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 are impacts on the economy associated with the construction of a new structure and increased or new operation activity for the business. As such, it was determined that if the project involved new construction, the construction spending was assumed to occur in the first year. Any subsequent operations were then assumed to be created in the second year, following construction. If there was no associated construction, it was assumed that capital investments in machinery and equipment purchases (M&E) would require time for procurement, installation, testing, and ramp-up in the first year. Therefore, all new jobs were assumed to be created in the second year and remain throughout the entirety of the study timeframe.

⁷ IMPLAN Group LLC. IMPLAN 2022. Huntersville, NC. www.IMPLAN.com

The JobsOhio projects were modeled using the IMPLAN data year in which the construction and operations were assumed to occur, the first two years from when a project was secured. This means that data years 2011 through 2022 were utilized to model impacts in years 2011-2022.⁸ IMPLAN's annual data sets reflect all economic activity as it occurred in a region during a given year. This was a more conservative approach as industries can gain productivity due to economic shifts in the state economy over time. All results, however, are inflated to 2025 dollars for consistency in reporting.

Each project was modeled in its specific JobsOhio region. Each region was then linked to the other five JobsOhio regions using a technique called Multi-Region Input-Output (MRIO). MRIO analyses utilize interregional commodity trade and commuting flows to quantify the demand changes across regions stemming from a change in production and/or income in another region. It measures the economic interdependence of regions. MRIO offers the advantage of providing a more robust and accurate picture of a local economy because most economies are not isolated to a single Region. This technique maintains the unique industry structure and specializations of the original region and allows for the flow of purchases within the remainder of the state to be realized. This is the recommended approach as it limits any potential bias from analyzing impacts at the aggregate state level. The figure below shows how the spending in the first region bounces to the other region(s) and back showing the interdependence of firms throughout the state.



⁸ In the 2022 Report, Data Year 2019 was utilized for events in 2019-2022 as this was the most current data year preceding the pandemic. However, this 2025 update utilized the corresponding Data Years for events in 2019-2022.

In an MRIO analysis, IMPLAN uses each region's unique local multipliers to calculate effects. Multipliers are a unitless measure of an Industry's connection to the wider local economy by way of input purchases, payments of wages and taxes, and other transactions. The production function for each industry represents an average of all firms in that industry in that region. Multipliers are the total production impact within the region for every unit of direct production. Industry Output Multipliers typically range between 1-2 at the county level and 2-3 at the state level.

To model the direct investment by companies, JobsOhio assigned each project a construction site facility type which was mapped to the IMPLAN construction industries. Construction budget spending on land purchase was omitted. This is done because there is little impact from the transfer of landownership as it is an asset swap without any production taking place. Additionally, spending on technology and furniture, fixtures, and equipment were excluded from the model. This is because most of these purchases come from out of state and in-state spending is unknown. Furthermore, without knowing the specific item purchased, we could only attribute a portion of the total in-state spending purchase to what a local wholesaler would keep, or their margin on the sale of good.⁹ Both exclusions follow the conservative approach to economic impact modeling and do underestimate the total impact in Ohio.

For the operations impact, JobsOhio assigned each firm a target industry and NAICS code which was then mapped to the appropriate IMPLAN industry. To avoid overestimation or double counting of annual impacts, only new jobs and/or payroll from projects were included in the model. While many of these firms existed prior to receiving support from JobsOhio, only the new employment and spending was analyzed to capture only the new production in the state. As with the conservative approach with construction spending, this approach also likely underestimates the total impact.

⁹ Between 2011-2021, the Margin for Industry 395 Wholesale – Machinery, equipment, and supplies ranged from 27.6-30.6%.

Types of Effects

Input-Output (I-O) Analysis is designed to show the ripple effects of a given economic activity in other industries and geographies through input purchases, labor payments, and trade. Production in a given industry supports demand for production in other industries throughout the economy, both due to supply chain spending and spending by workers.

The economic impact of an Industry consists of the following three types of effects which sum to the total effect.



1
Direct Effects

Direct Effects are the initial effects to a local industry or industries due to the activity or policy being analyzed



2
Indirect Effects

Indirect Effects are the effects stemming from business-to-business purchases in the supply chain taking place in the state



3
Induced Effects

Induced Effects are the effects in the state stemming from household spending of labor income, after removal of taxes, savings, and commuters

Economic Indicators

There are four key economic indicators that IMPLAN reports. Each is based on the Leontief Production Function for a given industry in the selected region in a given year which demonstrates the interconnectedness of the economy.

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

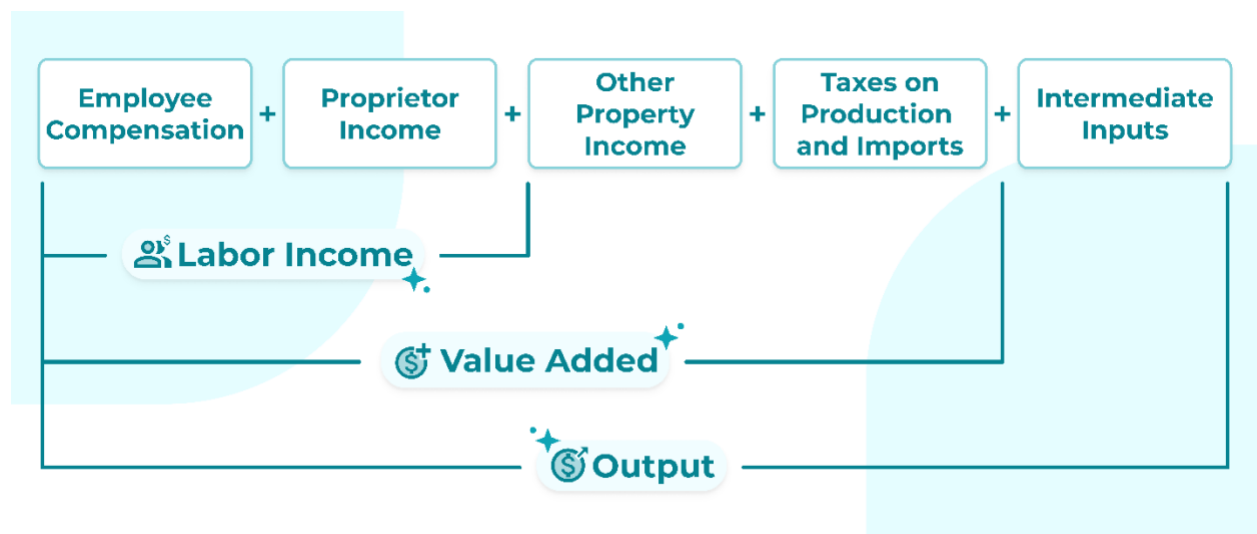
All forms of employment income, including employee compensation (wages and benefits) and proprietor income

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



Tax Impacts

The tax impact report captures all tax revenue in the Region across all levels of government that exist in that Region for the specific industries and institutions affected by an event or group of events. The tax impact values are based on the existing relationships of the data found in the IMPLAN database.

IMPLAN does not distinguish individual units of government; rather it distinguishes only the level of government. There are five levels of government for which IMPLAN reports tax impacts:

Sub County General

The Sub County General table estimates revenue collected by city, township, village, etc., governments.

Sub County Special Districts

The Sub County Special table estimates revenue collected by units of government such as public-school districts and fire districts.

County

The County table estimates revenue collected by county governments.

State

The State table estimates revenue collected by state governments.

Federal

The Federal table estimates revenue collected by the federal government.

IMPLAN Methodology for Estimating Taxes¹⁰

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.

IMPLAN distributes the state and local tax values to sub county general (city/township), sub county special district (fire/police/school), county, and state levels. The only industry-level detail for taxes is for Taxes on Production & Imports net of Subsidies (TOPI), and it is for the entirety of TOPI, not individual components (e.g., sales tax, property tax, etc.). The components are only place- and level-of-government specific, not industry-specific.

Taxes reported from IMPLAN are based on the existing relationships of the data found in the dataset. They are 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. Perhaps there is a 10% sales tax, but organizations like nonprofits and government entities do not pay sales tax, so IMPLAN will indicate a tax rate of 9.5%. If an industry with a tax bill of \$100M had a government grant or subsidy for \$25M, IMPLAN would only show the \$75M that was paid. Because of this fact, if the events analyzed in IMPLAN are expected to pay the full tax rate, IMPLAN results may underestimate the returns to the government. Also, because there is no breakout by tax type by industry, tax estimates for industries that pay a higher rate in a category like sales tax will also be underestimated. This is true for industries that pay specific taxes on commodities like alcohol, cigarettes, and tourism. On the flip side, industries that pay lower rates will be overestimated.¹¹

¹⁰ Details on how tax data is estimated can be found in the article Generation and Interpretation of IMPLAN's Tax Impact Report: <https://support.implan.com/hc/en-us/articles/115009674528-Generation-and-Interpretation-of-IMPLAN-s-Tax-Impact-Report>

¹¹ More information on where certain types of taxes can be found in IMPLAN results are in the article Where's the Tax: <https://support.implan.com/hc/en-us/articles/360041584233-Taxes-Where-s-the-Tax->

ECONOMIC IMPACT RESULTS

The following section details the economic impact results of all JobsOhio projects supported between 2011-2021. The results are summarized at the state level for each of the JobsOhio target Industries and eleven calendar years of analysis. The results summarized at the regional level include impacts for all projects that occurred in that region as well as any impacts resulting from trade on projects that occurred in other regions of the state. All results presented are in 2025 dollars. Direct investment and operation input values for each project will not match the Direct Effect values due to deflators applied to nominal values in each Data Year.

Total Results

In the period from its founding in 2011 through 2021, JobsOhio executed 3,274 economic development project deals that attracted new companies to the state and retained or expanded existing Ohio businesses. The direct investment by companies working with JobsOhio supported 24,481 jobs, \$1.68B in Labor Income, \$1.84B in Gross State Product, and \$3.48B in Economic Output annually in the construction industry between 2011-2021. This results in a total economic impact to the economy of 446,796 job years earning \$28.38B in Labor Income, \$37.58B in Gross State Product, and \$70.08B in Economic Output to the state of Ohio from 2011 through 2021.

Economic Impact of Construction, Annual Average 2011-2021

	Employment	Labor Income	Value Added	Output
Direct	24,481	\$1,677,748,963	\$1,837,749,019	\$3,477,197,823
Indirect	5,548	\$381,345,995	\$626,960,320	\$1,252,389,728
Induced	10,589	\$520,633,822	\$951,869,890	\$1,641,674,537
Total	40,618	\$2,579,728,779	\$3,416,579,229	\$6,371,262,088

The annual operation of these companies from 2012 through 2022 resulted in a cumulative impact of 1,398,822 job years with an associated Labor Income of \$86.78B, contributing \$161.12B in Gross State Product, and a total net operating revenue of \$425.24B. This results in a total economic impact of

3,245,135 job years earning \$191.79B in Labor Income, \$339.89B in Gross State Product, and \$763.16B in Economic Output to the State of Ohio over the eleven-year period.

Economic Impact of Operations, Cumulative 2012-2022¹²

	Employment	Labor Income	Value Added	Output
Direct	1,398,822	\$86,779,830,205	\$161,118,165,328	\$425,235,762,753
Indirect	990,026	\$61,752,945,214	\$100,084,952,861	\$203,876,956,104
Induced	856,287	\$43,257,103,247	\$78,683,507,574	\$134,044,113,876
Total	3,245,135	\$191,789,878,666	\$339,886,625,763	\$763,156,832,733

The jobs created by these companies will hopefully 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 \$15.02B, contributing \$28.40B in Gross State Product, and a total net operating revenue of \$72.67. This will result in a total economic impact of 551,103 jobs earning \$32.92B in Labor Income, \$58.86B in Gross State Product, and \$130.23B in Economic Output to the state of Ohio each year due to the eleven-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	\$15,019,566,910	\$28,402,944,913	\$72,665,781,785
Indirect	166,886	\$10,629,968,045	\$17,200,904,448	\$34,927,078,855
Induced	140,779	\$7,271,912,934	\$13,256,972,905	\$22,638,133,213
Total	551,103	\$32,921,447,890	\$58,860,822,265	\$130,230,993,853

¹² Detailed cumulative results can be found in Appendix B.

The direct investment by companies working with JobsOhio also supported a significant amount in tax revenue from 2011-2021. The total fiscal impact for Sub County General taxes (city/township) was \$303.61M, Sub County Special District taxes (police, fire, etc.) were \$434.80M, County taxes were \$185.13M, State taxes were \$1.32B, and Federal taxes was \$5.46B. This totals \$7.70B in supported taxes over the eleven-year period.

Tax Impact of Construction, Total 2011-2021

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$122,010,423	-\$3,843,695	-\$2,370,893	\$333,659,470	\$3,437,872,666
Indirect	\$72,681,597	\$167,685,331	\$72,334,605	\$385,568,544	\$832,957,158
Induced	\$108,922,815	\$270,955,280	\$115,167,673	\$596,580,845	\$1,188,207,990
Total	\$303,614,835	\$434,796,916	\$185,131,384	\$1,315,808,860	\$5,459,037,814

The annual operation of these companies from 2012 through 2022 resulted in cumulative fiscal impacts across the state. The total fiscal impact for Sub County General taxes (city/township) was \$3.37B, Sub County Special District taxes (police, fire, schools, etc.) were \$6.99B, County taxes were \$2.81B, State taxes were \$15.89B, and Federal taxes were \$41.52B. This totals \$70.58B in supported taxes across the state over the eleven-year period.

Tax Impact of Operations, Cumulative 2012-2022

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$1,527,257,450	\$3,149,145,196	\$1,271,603,186	\$7,222,032,918	\$19,315,618,565
Indirect	\$985,075,734	\$1,841,918,495	\$743,607,074	\$4,404,524,384	\$12,933,010,725
Induced	\$855,633,965	\$1,995,502,573	\$799,468,358	\$4,258,597,766	\$9,274,784,580
Total	\$3,367,967,150	\$6,986,566,264	\$2,814,678,619	\$15,885,155,068	\$41,523,413,871

As these businesses continue to operate in Ohio, they will contribute fiscal tax revenue annually. The annual fiscal impact for Sub County General taxes (city/township) was \$586.23M, Sub County Special District taxes (police, fire, etc.) were \$1.25B, County taxes were \$505.04M, State taxes were \$2.80B, and Federal taxes were \$6.95B. This totals \$12.08B in supported taxes across the state each year.

Tax Impact of Operations, Annual Contributions 2022 - Forward

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$275,236,633	\$601,780,736	\$244,799,923	\$1,341,399,245	\$3,237,816,143
Indirect	\$166,691,402	\$306,097,831	\$124,110,113	\$734,854,962	\$2,191,124,264
Induced	\$144,303,485	\$337,560,394	\$136,132,355	\$720,943,134	\$1,516,556,979
Total	\$586,231,520	\$1,245,438,961	\$505,042,391	\$2,797,197,341	\$6,945,497,386

Annual Project Results

Programs and development-ready sites supported by JobsOhio's initiatives empower world-class corporations, entrepreneurs, and highly talented individuals to build and maintain their businesses and careers in Ohio. Collaborating with Ohio based regional economic development organizations, institutions of higher learning, federal installations, business sector organizations, as well as the State of Ohio, allows JobsOhio to deliver comprehensive programs and investment opportunities that drive innovation, sustainable economic growth, and more generally improve the quality of life for all Ohioans through the power of dignity and work.

Driven by the shared values of acting with integrity, valuing all people, and making a difference, JobsOhio's key initiatives and functional support began in 2011 with some core initial focuses: organization and culture, beverage systems, government affairs, compliance, data and IT support, legal, strategy, finance, JobsOhio Network, marketing and communications, business development, and research with 6 economic development programs.

From 2011-2019, these initiatives resulted in JobsOhio supporting 2,554 projects in the State of Ohio, including construction and operations within various sectors of the state-wide economy. These construction phases supported 376,018 job years, \$23.68B in Labor Income, \$31.34B in contribution to gross domestic product, and a total impact of over \$58.47B. The operations of these projects supported 447,302 job years, \$26.50B in Labor Income, \$46.75B in contribution to gross domestic product, and a total impact of over \$103.96B.

By 2020 these initiatives had evolved to include and prepare for the next decade of investment, so adding talent, sites, innovation, DEI (diversity, equity, and inclusion), engagement, inclusive economic development, marketing: find it here and find your Ohio, and air service restoration, with thirteen economic development programs. This also includes JobsOhio's response to the major economic shifts brought on by the global pandemic in 2020, with 10 Covid-19 response programs.

In 2020 and 2021 this led to JobsOhio supporting 720 new projects, which include construction and operations impacts. These construction phases

supported 70,778 job years, \$4.70B in Labor Income, \$6.24B in contribution to gross domestic product, and a total impact of over \$11.61B. The operations of these projects supported 103,801 job years, \$6.42B in Labor Income, \$12.11B in contribution to gross domestic product, and a total impact of over \$26.27B.

Total Economic Impact of Construction by Year (\$MM)¹³

	Projects	Employment	Labor Income	Value Added	Output
2011	231	14,514	\$852	\$1,088	\$2,013
2012	305	56,438	\$3,418	\$4,644	\$8,352
2013	267	28,024	\$1,714	\$2,269	\$4,123
2014	289	30,213	\$1,840	\$2,384	\$4,377
2015	330	42,289	\$2,721	\$3,531	\$6,502
2016	284	71,102	\$4,423	\$5,970	\$11,825
2017	275	34,454	\$2,257	\$2,935	\$5,395
2018	266	45,413	\$3,009	\$4,205	\$7,835
2019	307	53,570	\$3,443	\$4,317	\$8,051
2020	307	41,043	\$2,707	\$3,613	\$6,787
2021	413	29,736	\$1,994	\$2,626	\$4,824
Total	3,274	446,796	\$28,377	\$37,582	\$70,084

¹³ The results reflect the total economic impact of construction for JobsOhio Projects that closed in each calendar year.

**Total Economic Impact of Operations by Year, Annual Contributions 2022
– Forward (\$MM)¹⁴**

	Projects	Employment	Labor Income	Value Added	Output
2011	231	44,286	\$2,473	\$4,384	\$10,581
2012	305	56,258	\$3,627	\$6,115	\$13,049
2013	267	41,791	\$2,393	\$4,216	\$9,570
2014	289	48,917	\$2,743	\$5,172	\$11,755
2015	330	56,993	\$3,288	\$6,050	\$14,552
2016	284	44,256	\$2,665	\$4,581	\$10,134
2017	275	50,830	\$2,957	\$5,376	\$11,412
2018	266	55,157	\$3,183	\$5,574	\$11,972
2019	307	48,813	\$3,173	\$5,282	\$10,934
2020	307	38,440	\$2,376	\$4,226	\$9,410
2021	413	65,361	\$4,044	\$7,885	\$16,861
Total	3,274	551,103	\$32,921	\$58,861	\$130,231

¹⁴ The results reflect the total economic impact of operations for JobsOhio Projects that closed in each calendar year.

Total Tax Impact of Construction by Year

	Sub County General	Sub County Special District	County	State	Federal
2011	\$10,764,251	\$15,998,910	\$6,337,089	\$45,061,422	\$147,839,973
2012	\$33,201,537	\$59,978,697	\$29,184,031	\$192,274,420	\$628,927,395
2013	\$18,068,167	\$30,344,724	\$13,657,015	\$92,303,878	\$333,947,031
2014	\$22,554,944	\$34,225,044	\$13,327,716	\$91,098,271	\$359,196,627
2015	\$26,037,663	\$42,374,646	\$18,606,135	\$126,818,103	\$535,603,353
2016	\$51,422,599	\$86,789,554	\$35,862,693	\$237,835,921	\$896,893,846
2017	\$26,599,120	\$40,208,892	\$15,763,646	\$112,594,031	\$439,837,251
2018	\$36,582,022	\$56,933,996	\$21,654,254	\$147,794,392	\$576,674,113
2019	\$31,798,849	\$55,902,801	\$26,876,310	\$167,927,361	\$660,276,149
2020	\$23,368,444	-\$13,339,385	-\$5,878,155	\$23,923,209	\$514,259,213
2021	\$23,217,239	\$25,379,038	\$9,740,649	\$78,177,851	\$365,582,862
Total	\$303,614,835	\$434,796,916	\$185,131,384	\$1,315,808,860	\$5,459,037,814

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

	Sub County General	Sub County Special District	County	State	Federal
2011	\$456,429,379	\$791,947,028	\$322,901,236	\$1,980,412,373	\$5,843,031,776
2012	\$641,579,742	\$1,201,267,701	\$478,778,657	\$2,817,166,153	\$7,993,909,951
2013	\$371,082,478	\$750,219,901	\$296,401,577	\$1,684,045,85	\$4,976,951,445
2014	\$356,926,587	\$777,392,656	\$326,380,621	\$1,776,144,665	\$5,092,552,902
2015	\$407,116,154	\$923,511,218	\$375,128,126	\$2,064,885,66	\$5,323,613,584
2016	\$318,861,341	\$797,198,347	\$319,177,857	\$1,772,136,272	\$3,499,051,789
2017	\$261,240,252	\$582,891,493	\$222,727,460	\$1,270,695,437	\$3,055,714,626
2018	\$217,853,435	\$431,842,523	\$176,526,717	\$938,221,718	\$2,643,363,738
2019	\$174,756,128	\$370,131,584	\$146,848,646	\$773,687,298	\$1,275,740,516
2020	\$87,310,715	\$200,182,689	\$80,283,404	\$436,761,370	\$870,095,603
2021	\$74,810,940	\$159,981,124	\$69,524,318	\$370,998,269	\$949,387,942
Total	\$3,367,967,15	\$6,986,566,264	\$2,814,678,619	\$15,885,155,06	\$41,523,413,871

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

	Sub County General	Sub County Special District	County	State	Federal
2011	\$41,493,580	\$71,995,184	\$29,354,658	\$180,037,488	\$531,184,707
2012	\$64,157,974	\$120,126,770	\$47,877,866	\$281,716,615	\$799,390,995
2013	\$41,231,386	\$83,357,767	\$32,933,509	\$187,116,206	\$552,994,605
2014	\$44,615,823	\$97,174,082	\$40,797,578	\$222,018,083	\$636,569,113
2015	\$58,159,451	\$131,930,174	\$53,589,732	\$294,983,666	\$760,516,226
2016	\$53,143,557	\$132,866,391	\$53,196,310	\$295,356,045	\$583,175,298
2017	\$52,248,050	\$116,578,299	\$44,545,492	\$254,139,087	\$611,142,925
2018	\$54,463,359	\$107,960,631	\$44,131,679	\$234,555,430	\$660,840,935
2019	\$58,252,043	\$123,377,195	\$48,949,549	\$257,895,766	\$425,246,839
2020	\$43,655,358	\$100,091,345	\$40,141,702	\$218,380,685	\$435,047,801
2021	\$74,810,940	\$159,981,124	\$69,524,318	\$370,998,269	\$949,387,942
Total	\$586,231,520	\$1,245,438,961	\$505,042,391	\$2,797,197,341	\$6,945,497,38

2011 JobsOhio Projects

JobsOhio supported 231 Projects in various Industries throughout Ohio in 2011. The direct investment by companies in 2011 supported 9,040 jobs, \$558.09M in Labor Income, \$564.98M in Gross State Product, and \$1.08B in Economic Output in the construction industry. This results in a total economic impact on the economy of 14,514 jobs earning \$852.10M in Labor Income, \$1.09B in Gross State Product, and \$2.01B in Economic Output to the state of Ohio.

Economic Impact of Construction, 2011

	Employment	Labor Income	Value Added	Output
Direct	9,040	\$558,094,808	\$564,979,096	\$1,077,945,156
Indirect	1,661	\$110,456,817	\$184,157,363	\$365,651,073
Induced	3,813	\$183,544,818	\$338,682,549	\$569,708,836
Total	14,514	\$852,096,442	\$1,087,819,007	\$2,013,305,065

Annual operations of these companies resulted in 19,333 new jobs with an associated Labor Income of \$1.07B, contributing \$2.01B in Gross State Product, and a total net operating revenue of \$6.06B. This results in a total economic impact of 44,286 jobs earning \$2.47B in Labor Income, \$4.38B in Gross State Product, and \$10.58B in Economic Output to the State of Ohio.

Economic Impact Operations, Annual Contributions 2022 - Forward

	Employment	Labor Income	Value Added	Output
Direct	19,333	\$1,067,624,647	\$2,010,758,197	\$6,060,909,248
Indirect	13,130	\$821,685,254	\$1,315,450,020	\$2,732,763,198
Induced	11,824	\$583,918,465	\$1,057,539,080	\$1,787,777,815
Total	44,286	\$2,473,228,366	\$4,383,747,297	\$10,581,450,260

The direct investment by companies working with JobsOhio in 2011 also supported \$226M in tax revenue to the state of Ohio. The annual operation of

these companies since 2012, resulted in a cumulative impact of \$9.39B in supported taxes over the eleven-year period. The jobs created by these companies will hopefully continue to contribute annually to the Ohio economy generating \$854.07M in supported taxes annually after 2022.

Tax Impact of Construction, 2011

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$5,070,255	\$3,090,748	\$1,083,070	\$17,266,493	\$88,735,478
Indirect	\$1,998,686	\$4,223,668	\$1,731,276	\$9,480,593	\$21,746,696
Induced	\$3,695,310	\$8,684,494	\$3,522,744	\$18,314,336	\$37,357,800
Total	\$10,764,251	\$15,998,910	\$6,337,089	\$45,061,422	\$147,839,973

Tax Impact of Operations, Cumulative 2012-2022

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$174,298,246	\$217,449,056	\$89,389,290	\$666,644,423	\$2,704,078,528
Indirect	\$153,916,934	\$286,818,153	\$117,324,794	\$695,449,581	\$1,817,597,176
Induced	\$128,214,199	\$287,679,820	\$116,187,153	\$618,318,369	\$1,321,356,071
Total	\$456,429,379	\$791,947,028	\$322,901,236	\$1,980,412,373	\$5,843,031,776

Tax Impact of Operations, Annual Contributions 2022 - Forward

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$15,845,295	\$19,768,096	\$8,126,299	\$60,604,038	\$245,825,321
Indirect	\$13,992,449	\$26,074,378	\$10,665,890	\$63,222,689	\$165,236,107
Induced	\$11,655,836	\$26,152,711	\$10,562,468	\$56,210,761	\$120,123,279
Total	\$41,493,580	\$71,995,184	\$29,354,658	\$180,037,488	\$531,184,707

2012 JobsOhio Projects

JobsOhio supported 305 Projects in various Industries throughout Ohio in 2012. The direct investment by companies in 2012 supported 35,300 jobs, \$2.36B in Labor Income, \$2.76B in Gross State Product, and \$4.91B in Economic Output in the construction industry. This results in a total economic impact to the economy of 56,438 jobs earning \$3.42B in Labor Income, \$4.64B in Gross State Product, and \$8.35B in Economic Output to the state of Ohio.

Economic Impact of Construction, 2012

	Employment	Labor Income	Value Added	Output
Direct	35,300	\$2,360,645,258	\$2,758,164,220	\$4,910,686,448
Indirect	6,832	\$408,419,024	\$679,234,180	\$1,373,918,695
Induced	14,306	\$648,441,995	\$1,206,456,479	\$2,067,490,357
Total	56,438	\$3,417,506,277	\$4,643,854,879	\$8,352,095,501

Annual operations of these companies resulted in 22,019 new jobs with an associated Labor Income of \$1.69B, contributing \$2.87B in Gross State Product, and total net operating revenue of \$6.99B. This results in a total economic impact of 56,258 jobs earning \$3.63B in Labor Income, \$6.11B in Gross State Product, and \$13.05B in Economic Output to the State of Ohio.

Economic Impact Operations, Annual Contributions 2022 - Forward

	Employment	Labor Income	Value Added	Output
Direct	22,019	\$1,692,720,378	\$2,872,722,434	\$6,991,774,266
Indirect	16,881	\$1,075,881,648	\$1,682,926,696	\$3,411,902,598
Induced	17,358	\$858,746,667	\$1,559,333,061	\$2,645,243,771
Total	56,258	\$3,627,348,693	\$6,114,982,191	\$13,048,920,634

The direct investment by companies working with JobsOhio in 2012 also supported \$943.57M in tax revenue to the state of Ohio. The annual operation of these companies since 2013 resulted in a cumulative impact of \$13.13B in supported taxes over the ten-year period. The jobs created by these companies will hopefully continue to contribute annually to the Ohio economy, generating \$1.31B in supported taxes annually after 2022.

Tax Impact of Construction, 2012

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$14,471,852	\$11,610,190	\$5,535,573	\$75,900,108	\$409,700,430
Indirect	\$7,300,765	\$18,812,520	\$9,497,417	\$46,131,706	\$82,482,177
Induced	\$11,428,921	\$29,555,987	\$14,151,041	\$70,242,606	\$136,744,788
Total	\$33,201,537	\$59,978,697	\$29,184,031	\$192,274,420	\$628,927,395

Tax Impact of Operations, Cumulative 2013-2022

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$285,719,767	\$489,224,539	\$197,101,476	\$1,212,782,744	\$3,758,944,802
Indirect	\$180,453,764	\$315,797,922	\$125,387,104	\$767,952,495	\$2,316,582,687
Induced	\$175,406,211	\$396,245,240	\$156,290,077	\$836,430,914	\$1,918,382,463
Total	\$641,579,742	\$1,201,267,701	\$478,778,657	\$2,817,166,153	\$7,993,909,951

Tax Impact of Operations, Annual Contributions 2022 - Forward

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$28,571,977	\$48,922,454	\$19,710,148	\$121,278,274	\$375,894,480
Indirect	\$18,045,376	\$31,579,792	\$12,538,710	\$76,795,249	\$231,658,269
Induced	\$17,540,621	\$39,624,524	\$15,629,008	\$83,643,091	\$191,838,246
Total	\$64,157,974	\$120,126,770	\$47,877,866	\$281,716,615	\$799,390,995

2013 JobsOhio Projects

JobsOhio supported 267 Projects in various Industries throughout Ohio in 2013. The direct investment by companies in 2013 supported 17,430 jobs, \$1.17B in Labor Income, \$1.30B in Gross State Product, and \$2.35B in Economic Output in the construction industry. This results in a total economic impact on the economy of 28,024 jobs earning \$1.71B in Labor Income, \$2.27B in Gross State Product, and \$4.12B in Economic Output to the state of Ohio.

Economic Impact of Construction, 2013

	Employment	Labor Income	Value Added	Output
Direct	17,430	\$1,166,600,433	\$1,299,757,169	\$2,351,351,423
Indirect	3,334	\$210,953,026	\$348,015,932	\$705,267,310
Induced	7,260	\$336,357,887	\$621,651,863	\$1,065,933,744
Total	28,024	\$1,713,911,347	\$2,269,424,964	\$4,122,552,476

Annual operations of these companies resulted in 18,072 new jobs with an associated Labor Income of \$1.05B, contributing \$1.91B in Gross State Product, and total net operating revenue of \$5.23B. This results in a total economic impact of 41,791 jobs earning \$2.39B in Labor Income, \$4.22B in Gross State Product, and \$9.57B in Economic Output to the State of Ohio.

Economic Impact Operations, Annual Contributions 2022 - Forward

	Employment	Labor Income	Value Added	Output
Direct	18,072	\$1,047,921,359	\$1,905,820,642	\$5,225,343,204
Indirect	12,727	\$798,784,520	\$1,306,023,164	\$2,642,185,531
Induced	10,993	\$546,199,248	\$1,004,318,075	\$1,702,161,397
Total	41,791	\$2,392,905,126	\$4,216,161,881	\$9,569,690,132

The direct investment by companies working with JobsOhio in 2013 also supported \$488.32M in tax revenue to the state of Ohio. The annual operation of these companies since 2014, resulted in a cumulative impact of \$8.08B in supported taxes over the nine-year period. The jobs created by these companies will hopefully continue to contribute annually to the Ohio economy generating \$897.63M in supported taxes annually after 2022.

Tax Impact of Construction, 2013

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$7,977,645	\$5,731,515	\$2,486,524	\$34,892,598	\$211,848,044
Indirect	\$3,796,069	\$9,033,953	\$4,173,298	\$21,537,410	\$45,755,054
Induced	\$6,294,453	\$15,579,256	\$6,997,194	\$35,873,871	\$76,343,933
Total	\$18,068,167	\$30,344,724	\$13,657,015	\$92,303,878	\$333,947,031

Tax Impact of Operations, Cumulative 2014-2022

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$155,556,987	\$301,725,814	\$118,712,747	\$692,566,804	\$2,263,512,525
Indirect	\$117,430,020	\$219,733,062	\$87,052,821	\$511,235,926	\$1,587,750,248
Induced	\$98,095,471	\$228,761,025	\$90,636,008	\$480,243,123	\$1,125,688,671
Total	\$371,082,478	\$750,219,901	\$296,401,577	\$1,684,045,853	\$4,976,951,445

Tax Impact of Operations, Annual Contributions 2022 - Forward

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$17,284,110	\$33,525,090	\$13,190,305	\$76,951,867	\$251,501,392
Indirect	\$13,047,780	\$24,414,785	\$9,672,536	\$56,803,992	\$176,416,694
Induced	\$10,899,497	\$25,417,892	\$10,070,668	\$53,360,347	\$125,076,519
Total	\$41,231,386	\$83,357,767	\$32,933,509	\$187,116,206	\$552,994,605

2014 JobsOhio Projects

JobsOhio supported 289 Projects in various Industries throughout Ohio in 2014. The direct investment by companies in 2014 supported 18,518 jobs, \$1.20B in Labor Income, \$1.26B in Gross State Product, and \$2.33B in Economic Output in the construction industry. This results in a total economic impact to the economy of 30,213 jobs earning \$1.84B in Labor Income, \$2.38B in Gross State Product, and \$4.38B in Economic Output to the state of Ohio.

Economic Impact of Construction, 2014

	Employment	Labor Income	Value Added	Output
Direct	18,518	\$1,204,187,266	\$1,256,199,569	\$2,325,237,820
Indirect	3,596	\$243,405,393	\$406,465,103	\$817,511,410
Induced	8,098	\$392,132,291	\$720,889,955	\$1,234,254,191
Total	30,213	\$1,839,724,951	\$2,383,554,627	\$4,377,003,422

Annual operations of these companies resulted in 20,473 new jobs with an associated Labor Income of \$1.28B, contributing \$2.52B in Gross State Product, and a total net operating revenue of \$6.77B. This results in a total economic impact of 48,917 jobs earning \$2.74B in Labor Income, \$5.17B in Gross State Product, and \$11.76B in Economic Output to the State of Ohio.

Economic Impact Operations, Annual Contributions 2022 - Forward

	Employment	Labor Income	Value Added	Output
Direct	20,473	\$1,277,804,680	\$2,524,221,650	\$6,765,966,471
Indirect	16,384	\$868,751,872	\$1,552,171,088	\$3,131,168,624
Induced	12,060	\$596,052,665	\$1,095,578,359	\$1,858,054,937
Total	48,917	\$2,742,609,217	\$5,171,971,098	\$11,755,190,032

The direct investment by companies working with JobsOhio in 2014 also supported \$520.40M in tax revenue to the state of Ohio. The annual operation of these companies since 2015, resulted in a cumulative impact of \$8.33B in supported taxes over the eight-year period. The jobs created by these companies will hopefully continue to contribute annually to the Ohio economy generating \$1.04B in supported taxes annually after 2022.

Tax Impact of Construction, 2014

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$10,331,884	\$6,486,111	\$2,306,102	\$31,641,402	\$214,265,925
Indirect	\$4,348,830	\$9,199,901	\$3,694,746	\$20,484,831	\$54,039,916
Induced	\$7,874,230	\$18,539,032	\$7,326,868	\$38,972,039	\$90,890,786
Total	\$22,554,944	\$34,225,044	\$13,327,716	\$91,098,271	\$359,196,627

Tax Impact of Operations, Cumulative 2015-2022

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$155,933,529	\$316,092,420	\$133,243,915	\$746,522,749	\$2,432,815,256
Indirect	\$111,339,613	\$240,692,193	\$101,880,485	\$557,827,950	\$1,563,021,695
Induced	\$89,653,445	\$220,608,042	\$91,256,221	\$471,793,966	\$1,096,715,951
Total	\$356,926,587	\$777,392,656	\$326,380,621	\$1,776,144,665	\$5,092,552,902

Tax Impact of Operations, Annual Contributions 2022 - Forward

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$19,491,691	\$39,511,553	\$16,655,489	\$93,315,344	\$304,101,907
Indirect	\$13,917,452	\$30,086,524	\$12,735,061	\$69,728,494	\$195,377,712
Induced	\$11,206,681	\$27,576,005	\$11,407,028	\$58,974,246	\$137,089,494
Total	\$44,615,823	\$97,174,082	\$40,797,578	\$222,018,083	\$636,569,113

2015 JobsOhio Projects

JobsOhio supported 330 Projects in various Industries throughout Ohio in 2015. The direct investment by companies in 2015 supported 25,952 jobs, \$1.81B in Labor Income, \$1.94B in Gross State Product, and \$3.64B in Economic Output in the construction industry. This results in a total economic impact on the economy of 42,289 jobs earning \$2.72B in Labor Income, \$3.53B in Gross State Product, and \$6.50B in Economic Output to the state of Ohio.

Economic Impact of Construction, 2015

	Employment	Labor Income	Value Added	Output
Direct	25,952	\$1,814,715,435	\$1,940,596,271	\$3,638,821,555
Indirect	5,320	\$374,345,925	\$612,924,908	\$1,199,091,981
Induced	11,017	\$531,547,482	\$977,528,468	\$1,664,514,607
Total	42,289	\$2,720,608,842	\$3,531,049,646	\$6,502,428,143

Annual operations of these companies resulted in 23,220 new jobs with an associated Labor Income of \$1.35B, contributing \$2.77B in Gross State Product, and a total net operating revenue of \$8.24B. This results in a total economic impact of 56,993 jobs earning \$3.29B in Labor Income, \$6.05B in Gross State Product, and \$14.55B in Economic Output to the State of Ohio.

Economic Impact Operations, Annual Contributions 2022 - Forward

	Employment	Labor Income	Value Added	Output
Direct	23,220	\$1,349,970,489	\$2,771,658,260	\$8,239,271,881
Indirect	19,257	\$1,206,368,542	\$1,947,135,680	\$4,047,064,454
Induced	14,515	\$731,486,840	\$1,330,727,897	\$2,265,799,042
Total	56,993	\$3,287,825,872	\$6,049,521,837	\$14,552,135,378

The direct investment by companies working with JobsOhio in 2015 also supported \$749.44M in tax revenue to the state of Ohio. The annual operation of these companies since 2016, resulted in a cumulative impact of \$9.09B in supported taxes over the seven-year period. The jobs created by these companies will hopefully continue to contribute annually to the Ohio economy generating \$1.30B in supported taxes annually after 2022.

Tax Impact of Construction, 2015

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$10,967,117	\$6,216,989	\$2,417,224	\$41,111,313	\$331,908,229
Indirect	\$5,690,642	\$12,569,132	\$5,591,904	\$30,766,481	\$80,731,212
Induced	\$9,379,904	\$23,588,525	\$10,597,007	\$54,940,309	\$122,963,912
Total	\$26,037,663	\$42,374,646	\$18,606,135	\$126,818,103	\$535,603,353

Tax Impact of Operations, Cumulative 2016-2022

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$180,473,163	\$444,423,105	\$180,510,108	\$957,416,014	\$2,322,313,061
Indirect	\$128,932,907	\$249,269,471	\$101,034,176	\$600,750,952	\$1,834,575,817
Induced	\$97,710,083	\$229,818,642	\$93,583,842	\$506,718,693	\$1,166,724,706
Total	\$407,116,154	\$923,511,218	\$375,128,126	\$2,064,885,660	\$5,323,613,584

Tax Impact of Operations, Annual Contributions 2022 - Forward

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$25,781,880	\$63,489,015	\$25,787,158	\$136,773,716	\$331,759,009
Indirect	\$18,418,987	\$35,609,924	\$14,433,454	\$85,821,565	\$262,082,260
Induced	\$13,958,583	\$32,831,235	\$13,369,120	\$72,388,385	\$166,674,958
Total	\$58,159,451	\$131,930,174	\$53,589,732	\$294,983,666	\$760,516,226

2016 JobsOhio Projects

JobsOhio supported 284 Projects in various Industries throughout Ohio in 2016. The direct investment by companies in 2016 supported 40,085 jobs, \$2.71B in Labor Income, \$2.98B in Gross State Product, and \$6.30B in Economic Output in the construction industry. This results in a total economic impact to the economy of 71,102 jobs earning \$4.42B in Labor Income, \$5.97B in Gross State Product, and \$11.83B in Economic Output to the state of Ohio.

Economic Impact of Construction, 2016

	Employment	Labor Income	Value Added	Output
Direct	40,085	\$2,712,266,323	\$2,983,804,780	\$6,304,374,002
Indirect	12,099	\$802,821,501	\$1,329,221,703	\$2,647,439,622
Induced	18,919	\$908,174,421	\$1,657,370,681	\$2,873,296,001
Total	71,102	\$4,423,262,245	\$5,970,397,165	\$11,825,109,625

Annual operations of these companies resulted in 20,116 new jobs with an associated Labor Income of \$1.28B, contributing \$2.24B in Gross State Product, and total net operating revenue of \$5.66B. This results in a total economic impact of 44,256 jobs earning \$2.66B in Labor Income, \$4.58B in Gross State Product, and \$10.13B in Economic Output to the State of Ohio.

Economic Impact Operations, Annual Contributions 2022 - Forward

	Employment	Labor Income	Value Added	Output
Direct	20,116	\$1,280,082,809	\$2,241,208,830	\$5,664,144,872
Indirect	12,659	\$801,990,788	\$1,289,453,928	\$2,663,167,894
Induced	11,482	\$582,457,860	\$1,050,675,644	\$1,807,075,081
Total	44,256	\$2,664,531,457	\$4,581,338,402	\$10,134,387,847

The direct investment by companies working with JobsOhio in 2016 also supported \$1.31B in tax revenue to the state of Ohio. The annual operation of these companies since 2017 resulted in a cumulative impact of \$6.71B in supported taxes over the six-year period. The jobs created by these companies will hopefully contribute annually to the Ohio economy, generating \$1.12B in supported taxes annually after 2022.

Tax Impact of Construction, 2016

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$20,356,931	\$10,565,893	\$3,849,123	\$65,800,666	\$509,104,501
Indirect	\$13,978,427	\$33,823,840	\$14,406,080	\$78,090,817	\$176,718,224
Induced	\$17,087,241	\$42,399,822	\$17,607,490	\$93,944,437	\$211,071,121
Total	\$51,422,599	\$86,789,554	\$35,862,693	\$237,835,921	\$896,893,846

Tax Impact of Operations, Cumulative 2017-2022

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$181,343,994	\$500,355,438	\$201,945,313	\$1,068,626,953	\$1,710,404,808
Indirect	\$70,753,368	\$137,250,423	\$54,423,306	\$342,971,123	\$1,018,195,972
Induced	\$66,763,979	\$159,592,486	\$62,809,239	\$360,538,196	\$770,451,009
Total	\$318,861,341	\$797,198,347	\$319,177,857	\$1,772,136,272	\$3,499,051,789

Tax Impact of Operations, Annual Contributions 2022 - Forward

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$30,223,999	\$83,392,573	\$33,657,552	\$178,104,492	\$285,067,468
Indirect	\$11,792,228	\$22,875,071	\$9,070,551	\$57,161,854	\$169,699,329
Induced	\$11,127,330	\$26,598,748	\$10,468,207	\$60,089,699	\$128,408,502
Total	\$53,143,557	\$132,866,391	\$53,196,310	\$295,356,045	\$583,175,298

2017 JobsOhio Projects

JobsOhio supported 275 Projects in various Industries throughout Ohio in 2017. The direct investment by companies in 2017 supported 20,438 jobs, \$1.46B in Labor Income, \$1.56B in Gross State Product, and \$2.87B in Economic Output in the construction industry. This results in a total economic impact on the economy of 34,454 jobs earning \$2.26B in Labor Income, \$2.94B in Gross State Product, and \$5.40B in Economic Output to the state of Ohio.

Economic Impact of Construction, 2017

	Employment	Labor Income	Value Added	Output
Direct	20,438	\$1,461,109,154	\$1,560,938,473	\$2,874,078,231
Indirect	4,556	\$326,495,113	\$521,446,779	\$1,046,749,785
Induced	9,459	\$469,616,703	\$852,901,795	\$1,474,560,308
Total	34,454	\$2,257,220,970	\$2,935,287,047	\$5,395,388,325

Annual operations of these companies resulted in 22,782 new jobs with an associated Labor Income of \$1.32B, contributing \$2.62B in Gross State Product, and a total net operating revenue of \$6.23B. This results in a total economic impact of 50,830 jobs earning \$2.96B in Labor Income, \$5.38B in Gross State Product, and \$11.41B in Economic Output to the State of Ohio.

Economic Impact Operations, Annual Contributions 2022 - Forward

	Employment	Labor Income	Value Added	Output
Direct	22,782	\$1,317,572,419	\$2,622,947,395	\$6,228,041,005
Indirect	15,279	\$978,292,883	\$1,561,599,972	\$3,117,187,358
Induced	12,769	\$660,901,440	\$1,191,878,965	\$2,066,813,668
Total	50,830	\$2,956,766,742	\$5,376,426,332	\$11,412,042,031

The direct investment by companies working with JobsOhio in 2017 also supported \$635M in tax revenue to the state of Ohio. The annual operation of these companies since 2018 resulted in a cumulative impact of \$5.39B in supported taxes over the five-year period. The jobs created by these companies will hopefully continue to contribute annually to the Ohio economy generating \$1.08B in supported taxes annually after 2022.

Tax Impact of Construction, 2017

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$12,557,119	\$6,675,674	\$2,184,395	\$35,725,863	\$268,778,812
Indirect	\$5,272,952	\$11,540,125	\$4,649,932	\$27,331,323	\$67,790,592
Induced	\$8,769,049	\$21,993,093	\$8,929,319	\$49,536,845	\$103,267,847
Total	\$26,599,120	\$40,208,892	\$15,763,646	\$112,594,031	\$439,837,251

Tax Impact of Operations, Cumulative 2018-2022

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$127,099,995	\$299,683,512	\$113,406,780	\$633,196,988	\$1,402,894,482
Indirect	\$71,156,628	\$130,004,732	\$50,146,246	\$311,459,955	\$971,969,769
Induced	\$62,983,629	\$153,203,248	\$59,174,433	\$326,038,494	\$680,850,375
Total	\$261,240,252	\$582,891,493	\$222,727,460	\$1,270,695,437	\$3,055,714,626

Tax Impact of Operations, Annual Contributions 2022 - Forward

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$25,419,999	\$59,936,702	\$22,681,356	\$126,639,398	\$280,578,896
Indirect	\$14,231,326	\$26,000,946	\$10,029,249	\$62,291,991	\$194,393,954
Induced	\$12,596,726	\$30,640,650	\$11,834,887	\$65,207,699	\$136,170,075
Total	\$52,248,050	\$116,578,299	\$44,545,492	\$254,139,087	\$611,142,925

2018 JobsOhio Projects

JobsOhio supported 266 Projects in various Industries throughout Ohio in 2018. The direct investment by companies in 2018 supported 25,979 jobs, \$1.87B in Labor Income, \$2.22B in Gross State Product, and \$4.18B in Economic Output in the construction industry. This results in a total economic impact to the economy of 45,413 jobs earning \$3.01B in Labor Income, \$4.20B in Gross State Product, and \$7.83B in Economic Output to the state of Ohio.

Economic Impact of Construction, 2018

	Employment	Labor Income	Value Added	Output
Direct	25,979	\$1,865,599,518	\$2,221,492,702	\$4,179,911,878
Indirect	6,764	\$495,266,067	\$813,698,251	\$1,616,769,837
Induced	12,670	\$647,780,954	\$1,169,580,936	\$2,037,879,246
Total	45,413	\$3,008,646,539	\$4,204,771,889	\$7,834,560,962

Annual operations of these companies resulted in 26,832 new jobs with an associated Labor Income of \$1.49B, contributing \$2.68B in Gross State Product, and a total net operating revenue of \$6.58B. This results in a total economic impact of 55,157 jobs earning \$3.18B in Labor Income, \$5.57B in Gross State Product, and \$11.97B in Economic Output to the State of Ohio.

Economic Impact Operations, Annual Contributions 2022 - Forward

	Employment	Labor Income	Value Added	Output
Direct	26,832	\$1,489,102,329	\$2,684,981,453	\$6,576,333,622
Indirect	14,922	\$997,136,955	\$1,608,031,656	\$3,186,304,619
Induced	13,404	\$697,194,619	\$1,280,961,004	\$2,209,394,736
Total	55,157	\$3,183,433,902	\$5,573,974,113	\$11,972,032,977

The direct investment by companies working with JobsOhio in 2018 also supported \$839.64M in tax revenue to the state of Ohio. The annual operation of these companies since 2019 resulted in a cumulative impact of \$4.41B in supported taxes over the four-year period. The jobs created by these companies will hopefully continue to contribute annually to the Ohio economy generating \$1.10B in supported taxes annually after 2022.

Tax Impact of Construction, 2018

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$16,093,083	\$8,879,201	\$3,013,460	\$43,468,524	\$344,142,881
Indirect	\$8,167,790	\$17,696,992	\$6,855,844	\$39,714,183	\$98,411,068
Induced	\$12,321,149	\$30,357,803	\$11,784,950	\$64,611,685	\$134,120,164
Total	\$36,582,022	\$56,933,996	\$21,654,254	\$147,794,392	\$576,674,113

Tax Impact of Operations, Cumulative 2019-2022

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$96,445,136	\$184,393,898	\$74,397,215	\$406,506,304	\$1,261,146,358
Indirect	\$64,601,855	\$116,364,143	\$48,129,796	\$265,694,642	\$797,766,995
Induced	\$56,806,444	\$131,084,482	\$53,999,705	\$266,020,772	\$584,450,386
Total	\$217,853,435	\$431,842,523	\$176,526,717	\$938,221,718	\$2,643,363,738

Tax Impact of Operations, Annual Contributions 2022 - Forward

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$24,111,284	\$46,098,475	\$18,599,304	\$101,626,576	\$315,286,589
Indirect	\$16,150,464	\$29,091,036	\$12,032,449	\$66,423,661	\$199,441,749
Induced	\$14,201,611	\$32,771,120	\$13,499,926	\$66,505,193	\$146,112,596
Total	\$54,463,359	\$107,960,631	\$44,131,679	\$234,555,430	\$660,840,935

2019 JobsOhio Projects

JobsOhio supported 307 Projects in various Industries throughout Ohio in 2019. The direct investment by companies in 2019 supported 34,212 jobs, \$2.38B in Labor Income, \$2.42B in Gross State Product, and \$4.51B in Economic Output in the construction industry. This results in a total economic impact to the economy of 53,570 jobs earning \$3.44B in Labor Income, \$4.32B in Gross State Product, and \$8.05B in Economic Output to the state of Ohio.

Economic Impact of Construction, 2019

	Employment	Labor Income	Value Added	Output
Direct	34,212	\$2,375,093,234	\$2,418,328,533	\$4,507,765,219
Indirect	6,334	\$440,065,206	\$725,688,602	\$1,486,299,912
Induced	13,024	\$627,447,726	\$1,173,345,255	\$2,056,719,756
Total	53,570	\$3,442,606,166	\$4,317,362,389	\$8,050,784,886

Annual operations of these companies resulted in 22,760 new jobs with an associated Labor Income of \$1.57B, contributing \$2.67B in Gross State Product, and a total net operating revenue of \$6.07B. This results in a total economic impact of 48,813 jobs earning \$3.17B in Labor Income, \$5.28B in Gross State Product, and \$10.93B in Economic Output to the State of Ohio.

Economic Impact Operations, Annual Contributions 2022 - Forward

	Employment	Labor Income	Value Added	Output
Direct	22,760	\$1,571,182,337	\$2,665,035,637	\$6,073,104,558
Indirect	14,171	\$934,023,844	\$1,439,661,774	\$2,863,450,989
Induced	11,882	\$667,593,855	\$1,176,859,536	\$1,997,527,359
Total	48,813	\$3,172,800,036	\$5,281,556,947	\$10,934,082,906

The direct investment by companies working with JobsOhio in 2019 also supported \$942.78M in tax revenue to the state of Ohio. The annual operation of these companies since 2020, resulted in a cumulative impact of \$2.74B in supported taxes over the three-year period. The jobs created by these companies will hopefully continue to contribute annually to the Ohio economy, generating \$913.72M in supported taxes annually after 2022.

Tax Impact of Construction, 2019

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$12,916,872	\$7,736,944	\$3,404,685	\$56,660,790	\$434,551,957
Indirect	\$7,452,234	\$18,293,182	\$8,933,373	\$43,038,553	\$90,012,591
Induced	\$11,429,743	\$29,872,675	\$14,538,252	\$68,228,017	\$135,711,602
Total	\$31,798,849	\$55,902,801	\$26,876,310	\$167,927,361	\$660,276,149

Tax Impact of Operations, Cumulative 2020-2022

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$90,054,229	\$203,292,911	\$82,124,174	\$415,690,366	\$603,312,049
Indirect	\$41,436,924	\$64,441,307	\$24,776,785	\$153,429,873	\$439,846,711
Induced	\$43,264,975	\$102,397,367	\$39,947,687	\$204,567,059	\$232,581,756
Total	\$174,756,128	\$370,131,584	\$146,848,646	\$773,687,298	\$1,275,740,516

Tax Impact of Operations, Annual Contributions 2022 - Forward

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$30,018,076	\$67,764,304	\$27,374,725	\$138,563,455	\$201,104,016
Indirect	\$13,812,308	\$21,480,436	\$8,258,928	\$51,143,291	\$146,615,570
Induced	\$14,421,658	\$34,132,456	\$13,315,896	\$68,189,020	\$77,527,252
Total	\$58,252,043	\$123,377,195	\$48,949,549	\$257,895,766	\$425,246,839

2020 JobsOhio Projects

JobsOhio supported 307 Projects in various Industries throughout Ohio in 2020. The direct investment by companies in 2020 supported 24,202 jobs, \$1.65B in Labor Income, \$1.83B in Gross State Product, and \$3.55B in Economic Output in the construction industry. This results in a total economic impact on the economy of 41,043 jobs earning \$2.71B in Labor Income, \$3.61B in Gross State Product, and \$6.79B in Economic Output to the state of Ohio.

Economic Impact of Construction, 2020

	Employment	Labor Income	Value Added	Output
Direct	24,202	\$1,647,598,342	\$1,831,310,348	\$3,554,120,003
Indirect	6,511	\$488,916,933	\$775,540,491	\$1,514,274,179
Induced	10,329	\$570,475,540	\$1,005,920,391	\$1,718,565,737
Total	41,043	\$2,706,990,814	\$3,612,771,231	\$6,786,959,920

Annual operations of these companies resulted in 18,953 new jobs with an associated Labor Income of \$1.14B, contributing \$2.12B in Gross State Product, and a total net operating revenue of \$5.33B. This results in a total economic impact of 38,440 jobs earning \$2.38B in Labor Income, \$4.23B in Gross State Product, and \$9.41B in Economic Output to the State of Ohio.

Economic Impact Operations, Annual Contributions 2022 - Forward

	Employment	Labor Income	Value Added	Output
Direct	18,953	\$1,141,331,480	\$2,124,220,932	\$5,326,679,516
Indirect	10,356	\$730,855,256	\$1,189,922,893	\$2,506,665,823
Induced	9,131	\$503,735,351	\$911,689,656	\$1,576,669,585
Total	38,440	\$2,375,922,086	\$4,225,833,481	\$9,410,014,924

The direct investment by companies working with JobsOhio in 2020 also supported \$542.33M in tax revenue to the state of Ohio. The annual operation of these companies since 2021, resulted in a cumulative impact of \$1.67B supported taxes over the two-year period. The jobs created by these companies will hopefully continue to contribute annually to the Ohio economy generating \$837.32M in supported taxes annually after 2022.¹⁵

Tax Impact of Construction, 2020

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$1,514,930	-\$63,247,387	-\$24,910,268	-\$75,682,036	\$384,590,788
Indirect	\$9,231,595	\$19,490,575	\$7,479,251	\$40,511,709	\$63,262,519
Induced	\$12,621,919	\$30,417,428	\$11,552,862	\$59,093,536	\$66,405,905
Total	\$23,368,444	-\$13,339,385	-\$5,878,155	\$23,923,209	\$514,259,213

Tax Impact of Operations, Cumulative 2021-2022

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$43,688,167	\$106,264,055	\$43,509,163	\$229,074,977	\$418,999,264
Indirect	\$23,541,375	\$45,324,299	\$17,556,554	\$104,579,422	\$271,002,067
Induced	\$20,081,174	\$48,594,335	\$19,217,688	\$103,106,971	\$180,094,272
Total	\$87,310,715	\$200,182,689	\$80,283,404	\$436,761,370	\$870,095,603

Tax Impact of Operations, Annual Contributions 2022 - Forward

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$21,844,083	\$53,132,028	\$21,754,581	\$114,537,489	\$209,499,632
Indirect	\$11,770,687	\$22,662,149	\$8,778,277	\$52,289,711	\$135,501,033
Induced	\$10,040,587	\$24,297,167	\$9,608,844	\$51,553,485	\$90,047,136
Total	\$43,655,358	\$100,091,345	\$40,141,702	\$218,380,685	\$435,047,801

¹⁵ Negative taxes results represent subsidies found in the region in the Data Year and may not reflect the actual tax results from these projects.

2021 JobsOhio Projects

JobsOhio supported 413 Projects in various Industries throughout Ohio in 2021. The direct investment by companies in 2021 supported 18,139 jobs, \$1.29B in Labor Income, \$1.38B in Gross State Product, and \$2.52B in Economic Output in the construction industry. This results in a total economic impact to the economy of 29,736 jobs earning \$1.99B in Labor Income, \$2.63B in Gross State Product, and \$4.82B in Economic Output to the state of Ohio.

Economic Impact of Construction, 2021

	Employment	Labor Income	Value Added	Output
Direct	18,139	\$1,289,328,818	\$1,379,668,049	\$2,524,884,315
Indirect	4,017	\$293,660,936	\$500,170,211	\$1,003,313,203
Induced	7,580	\$411,452,221	\$746,240,419	\$1,295,497,124
Total	29,736	\$1,994,441,975	\$2,626,078,679	\$4,823,694,642

Annual operations of these companies resulted in 28,879 new jobs with an associated Labor Income of \$1.78B, contributing \$3.98B in Gross State Product, and total net operating revenue of \$9.51B. This results in a total economic impact of 65,361 jobs earning \$4.04B in Labor Income, \$7.89B in Gross State Product, and \$16.86B in Economic Output to the State of Ohio.

Economic Impact Operations, Annual Contributions 2022 - Forward

	Employment	Labor Income	Value Added	Output
Direct	28,879	\$1,784,253,984	\$3,979,369,483	\$9,514,213,141
Indirect	21,121	\$1,416,196,484	\$2,308,527,576	\$4,625,217,769
Induced	15,361	\$843,625,924	\$1,597,411,627	\$2,721,615,821
Total	65,361	\$4,044,076,392	\$7,885,308,687	\$16,861,046,732

The direct investment by companies working with JobsOhio in 2021 also supported \$502.10M in tax revenue to the state of Ohio. The annual operation of these companies since 2022, resulted in a cumulative impact of \$1.62B in supported taxes over the one-year period. The jobs created by these companies will hopefully continue to contribute annually to the Ohio economy, generating \$1.62B in supported taxes annually after 2022.

Tax Impact of Construction, 2021

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$9,752,735	-\$7,589,572	-\$3,740,780	\$6,873,749	\$240,245,621
Indirect	\$5,443,608	\$13,001,445	\$5,321,482	\$28,480,938	\$52,007,109
Induced	\$8,020,897	\$19,967,165	\$8,159,947	\$42,823,164	\$73,330,132
Total	\$23,217,239	\$25,379,038	\$9,740,649	\$78,177,851	\$365,582,862

Tax Impact of Operations, Cumulative 2022-2022

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$36,644,238	\$86,240,447	\$37,263,006	\$193,004,595	\$437,197,432
Indirect	\$21,512,346	\$36,222,790	\$15,895,007	\$93,172,466	\$314,701,588
Induced	\$16,654,355	\$37,517,887	\$16,366,305	\$84,821,208	\$197,488,922
Total	\$74,810,940	\$159,981,124	\$69,524,318	\$370,998,269	\$949,387,942

Tax Impact of Operations, Annual Contributions 2022 - Forward

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$36,644,238	\$86,240,447	\$37,263,006	\$193,004,595	\$437,197,432
Indirect	\$21,512,346	\$36,222,790	\$15,895,007	\$93,172,466	\$314,701,588
Induced	\$16,654,355	\$37,517,887	\$16,366,305	\$84,821,208	\$197,488,922
Total	\$74,810,940	\$159,981,124	\$69,524,318	\$370,998,269	\$949,387,942

Regional Results

JobsOhio supports a regional network of six economic development organizations. One Columbus serves 11 counties around the capital in the middle of the state. The Central region is home to over 2.2 million people and some impressive companies including Nationwide, State Farm, CardinalHealth, Gap Inc., Discover Financial Services, and soon Intel. Between 2011-2021, JobsOhio supported 713 projects in this region including United Healthcare, Kohl's, and OhioHealth.

TeamNEO serves the 18 county greater Cleveland region. They boast over 800 business world headquarters and a workforce of two million with the state's largest economy. Historically a manufacturing powerhouse, this region includes not only advanced and smart manufacturing and metal production and fabrication, but also automotive, financial services, headquarters and professional services, logistics, oil and gas, aerospace and aviation, healthcare and biotechnology, food processing, information technology, and polymers and materials. Between 2011-2021, JobsOhio supported 898 projects in the Northeast Region including Amazon, HomeGoods, and Chesapeake Energy Corporation.

Regional Growth Partnership supports Toledo and 17 counties in Northwest Ohio. They focus on advanced manufacturing, automotive, energy, food processing, and logistics and distribution as the home to ProMedica Health and The Andersons. Between 2011-2021, JobsOhio supported 480 projects in the region including First Solar, United Parcel Service, and McLane Ohio.

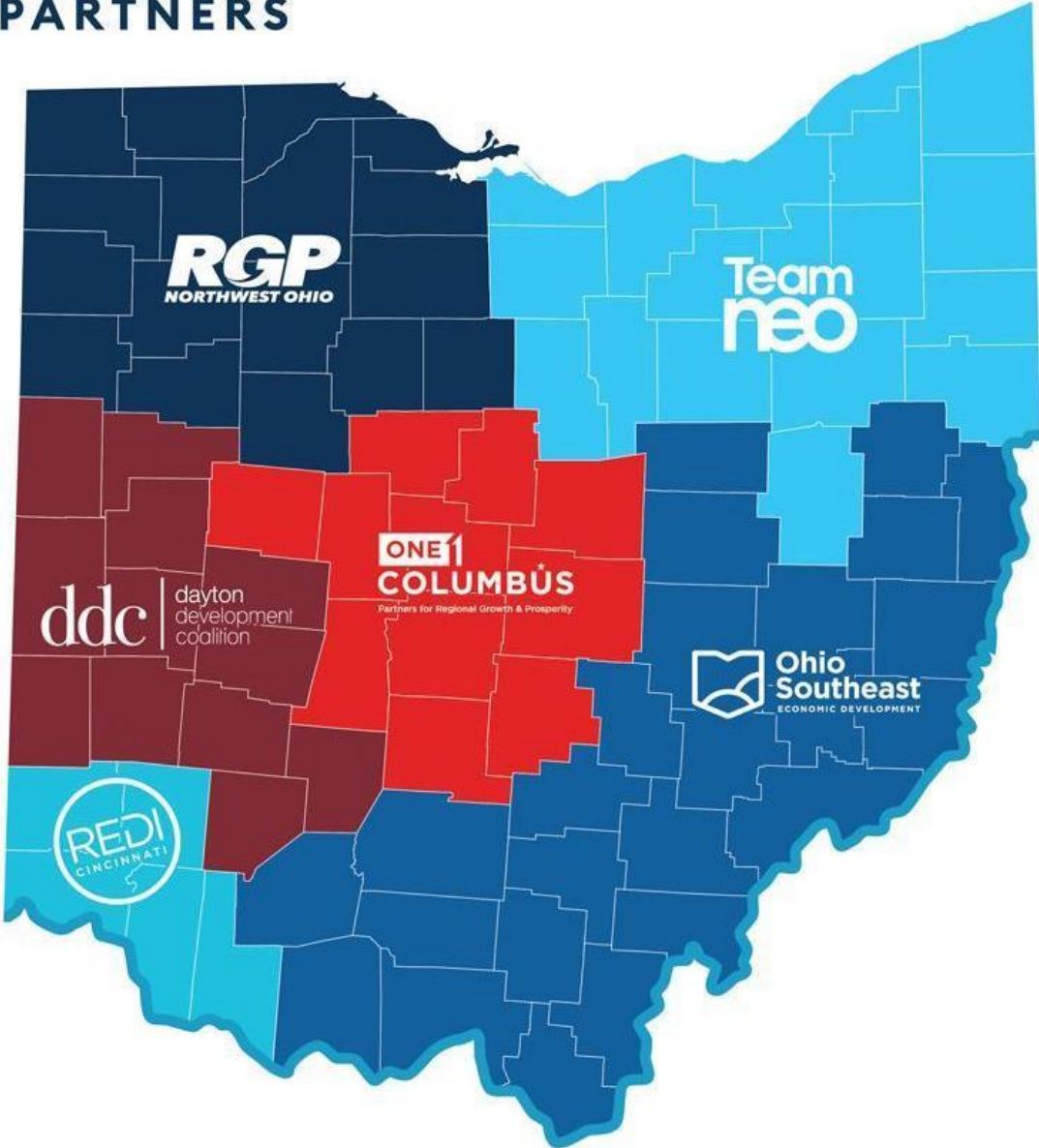
Ohio Southeast serves 25 counties consisting of almost a third of the state's land. Their focus is on energy and chemicals, wood and paper products, automotive and aerospace, food manufacturing, logistics and distribution, and metals fabrication. Between 2011-2021, JobsOhio supported 276 projects in this region including Elemental Recycling, Fanatics, and Tri-State Beef.

REDI Cincinnati in the southwest part of the state is a global player with ten fortune 500 firms in their 16-county footprint. They house Amazon's \$1.5B Prime Air at the airport, and are home to Procter & Gamble, Kroger, Macy's, and Western & Southern. Between 2011-2021, JobsOhio supported 495

projects in this region including Barclays Services, General Electric, and Bed Bath & Beyond.

The Dayton Development Coalition in Western Ohio supports a culture of innovation stemming from their history in the wood and fabric industries to their present story of carbon fiber and advanced composites. Between 2011-2021, JobsOhio supported 416 projects in this region including Gabriel Brothers, Procter & Gamble, and Fuyao Glass America.

JOBSOHIO REGIONAL PARTNERS



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 express the total impact on a region from all JobsOhio projects within the state.

Total Economic Impact of Construction by Region, 2011-2021 (\$MM)¹⁶

	Projects	Employment	Labor Income	Value Added	Output
Central	713	77,448	\$5,078	\$6,708	\$11,967
Northeast	898	132,956	\$8,385	\$11,367	\$21,462
Northwest	480	57,891	\$3,678	\$4,785	\$9,267
Southeast	276	100,356	\$6,069	\$7,970	\$15,022
Southwest	495	38,131	\$2,694	\$3,560	\$6,284
West	416	40,015	\$2,473	\$3,192	\$6,083
Total	3,278	446,796	\$28,377	\$37,582	\$70,084

Total Economic Impact of Operations by Region, Annual Contributions 2022 - Forward (\$MM)

	Projects	Employment	Labor Income	Value Added	Output
Central	713	137,487	\$8,294	\$15,141	\$29,429
Northeast	898	166,313	\$10,203	\$18,266	\$40,303
Northwest	480	58,852	\$3,097	\$5,762	\$17,050
Southeast	276	23,856	\$1,008	\$1,960	\$5,375
Southwest	495	94,731	\$6,452	\$10,649	\$20,598
West	416	69,864	\$3,867	\$7,084	\$17,475
Total	3,278	551,103	\$32,921	\$58,861	\$130,231

¹⁶ The total number of projects listed by region exceeds the total 3,274 JobsOhio Projects due to three multi-regional JobsOhio Projects split across two or more regions.

Total Tax Impact of Construction by Region, 2011-2021

	Sub County General	Sub County Special District	County	State	Federal
Central	\$68,182,408	\$81,668,230	\$31,063,519	\$224,335,301	\$927,157,099
Northeast	\$110,895,650	\$135,241,452	\$48,899,597	\$377,387,796	\$1,661,431,522
Northwest	\$36,875,429	\$56,452,517	\$23,983,488	\$169,776,970	\$714,601,980
Southeast	\$33,730,993	\$85,680,464	\$50,830,639	\$321,729,510	\$1,194,977,868
Southwest	\$28,646,921	\$35,579,166	\$14,831,258	\$112,775,856	\$494,708,810
West	\$25,283,434	\$40,175,088	\$15,522,884	\$109,803,427	\$466,160,536
Total	\$303,614,835	\$434,796,916	\$185,131,384	\$1,315,808,860	\$5,459,037,814

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

	Sub County General	Sub County Special District	County	State	Federal
Central	\$868,222,567	\$1,816,573,135	\$714,600,555	\$3,858,560,938	\$10,079,276,684
Northeast	\$1,168,922,613	\$2,226,168,644	\$806,997,324	\$4,856,473,553	\$13,539,132,683
Northwest	\$291,855,984	\$672,804,986	\$307,057,482	\$1,631,418,330	\$3,894,021,338
Southeast	\$78,716,235	\$280,285,934	\$164,864,457	\$798,961,627	\$1,469,715,786
Southwest	\$557,290,582	\$940,114,951	\$390,268,541	\$2,463,269,477	\$7,554,950,688
West	\$402,959,169	\$1,050,618,614	\$430,890,259	\$2,276,471,144	\$4,986,316,693
Total	\$3,367,967,150	\$6,986,566,264	\$2,814,678,619	\$15,885,155,068	\$41,523,413,871

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

	Sub County General	Sub County Special District	County	State	Federal
Central	\$152,901,601	\$328,501,560	\$132,456,124	\$687,374,102	\$1,723,874,810
Northeast	\$197,372,960	\$388,584,176	\$141,333,408	\$834,349,300	\$2,198,206,997
Northwest	\$53,448,636	\$127,548,757	\$59,635,403	\$303,815,023	\$663,241,045
Southeast	\$12,158,902	\$43,181,410	\$25,066,578	\$123,220,953	\$230,521,953
Southwest	\$100,067,215	\$168,386,333	\$70,346,334	\$441,006,550	\$1,298,858,135
West	\$70,282,207	\$189,236,725	\$76,204,543	\$407,431,413	\$830,794,445
Total	\$586,231,520	\$1,245,438,961	\$505,042,391	\$2,797,197,341	\$6,945,497,386

Central Region

There were 713 JobsOhio projects across various Industries in the Central Region between 2011-2021. The direct investment by companies located in the Central Region support 44,029 jobs, \$3.08B in Labor Income, \$3.28B in Gross State Product, and \$5.92B in Economic Output in the construction industry. Coupled with construction projects across the state, this results in a total economic impact of 77,448 jobs earning \$5.08B in Labor Income, \$6.71B in Gross State Product, and \$11.97B in Economic Output to the Central Region.

Economic Impact of Construction, Total 2011-2021

	Employment	Labor Income	Value Added	Output
Direct	44,029	\$3,084,518,005	\$3,276,103,819	\$5,917,724,647
Indirect	10,841	\$781,186,802	\$1,221,098,598	\$2,346,605,605
Induced	22,578	\$1,212,163,247	\$2,210,306,626	\$3,702,272,437
Total	77,448	\$5,077,868,054	\$6,707,509,044	\$11,966,602,689

Annual operations of these companies resulted in 60,770 new jobs with an associated Labor Income of \$3.71B, contributing \$7.33B in Gross State Product, and a total net operating revenue of \$15.33B. Coupled with operations from projects across the state, this results in a total economic impact of 137,487 jobs earning \$8.29B in Labor Income, \$15.14B in Gross State Product, and \$29.43B in Economic Output to the Central Region.

Economic Impact Operations, Annual Contributions 2022 - Forward

	Employment	Labor Income	Value Added	Output
Direct	60,770	\$3,709,036,428	\$7,328,967,562	\$15,332,386,352
Indirect	41,105	\$2,680,016,842	\$4,294,570,691	\$8,212,297,606
Induced	35,612	\$1,905,023,626	\$3,517,571,197	\$5,884,623,365
Total	137,487	\$8,294,076,895	\$15,141,109,450	\$29,429,307,323

The direct investment by companies working with JobsOhio also supported \$1.33B in tax revenue from the Central Region. The annual operation of these companies since 2012 resulted in a cumulative impact of \$17.34B in supported taxes over the eleven-year period. The jobs created by these companies will hopefully continue to contribute annually to the Ohio economy, generating \$3.03B in supported taxes annually after 2022.

Tax Impact of Construction, Total 2011-2021

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$31,416,500	\$8,593	-\$1,263,744	\$53,768,674	\$540,790,214
Indirect	\$13,261,623	\$25,833,258	\$10,170,297	\$56,519,860	\$146,900,912
Induced	\$23,504,285	\$55,826,379	\$22,156,966	\$114,046,767	\$239,465,973
Total	\$68,182,408	\$81,668,230	\$31,063,519	\$224,335,301	\$927,157,099

Tax Impact of Operations, Cumulative 2012-2022

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$402,496,769	\$882,345,149	\$349,661,260	\$1,847,483,392	\$4,681,711,871
Indirect	\$248,069,329	\$413,434,424	\$159,987,109	\$958,466,541	\$3,078,491,447
Induced	\$217,656,469	\$520,793,562	\$204,952,186	\$1,052,611,005	\$2,319,073,366
Total	\$868,222,567	\$1,816,573,135	\$714,600,555	\$3,858,560,938	\$10,079,276,684

Tax Impact of Operations, Annual Contributions 2022 - Forward

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$72,595,525	\$168,176,821	\$68,433,779	\$344,559,143	\$799,824,854
Indirect	\$42,912,461	\$70,434,089	\$27,843,456	\$162,395,316	\$535,021,691
Induced	\$37,393,614	\$89,890,650	\$36,178,889	\$180,419,643	\$389,028,265
Total	\$152,901,601	\$328,501,560	\$132,456,124	\$687,374,102	\$1,723,874,810

Case Study: Amgen

Amgen strives to help patients suffering from serious illnesses by transforming the promise of science and biotechnology into therapies that have the power to restore health or save lives. In 2021, Amgen sought to increase its production capacity to meet its long-term needs. The company chose to invest in a new facility to house aseptic fill finish, packaging, labeling, and fulfillment operations for final biologic products in Columbus.

Economic Impact

Total Investment: \$299 million **New Annual Payroll:** \$44 million
Building Construction: \$123 million **New Annual Jobs:** 400
Target Industry: Healthcare

Construction supported 1,467 jobs, \$104.52M in Labor Income, \$139.81M in GSP, and \$249.70M in Economic Output. Operations support 1,130 jobs, \$93.94M in Labor Income, \$196.33M in GSP, and \$416.92M in Economic Output.

Economic Impact of Construction

	Employment	Labor Income	Value Added	Output
Direct	852	\$65,946,699	\$70,885,824	\$125,117,164
Indirect	207	\$15,375,655	\$26,406,569	\$52,380,695
Induced	409	\$23,199,664	\$42,515,200	\$72,203,768
Total	1,467	\$104,522,019	\$139,807,594	\$249,701,628

Economic Impact Operations, Annual Contributions 2022 - Forward

	Employment	Labor Income	Value Added	Output
Direct	400	\$43,794,644	\$102,499,288	\$241,466,066
Indirect	356	\$29,059,609	\$53,791,299	\$107,937,495
Induced	374	\$21,081,047	\$40,043,931	\$67,513,131
Total	1,130	\$93,935,300	\$196,334,518	\$416,916,692

The direct investment by Amgen also supported \$25.93M in tax revenue to the state of Ohio. The annual operation of Amgen since 2022 resulted in a cumulative impact of \$34.14M in supported taxes over the one-year period. The jobs created by Amgen will hopefully continue to contribute annually to the Ohio economy generating \$34.14M in supported taxes annually after 2022.

Tax Impact of Construction

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$703,555	-\$376,372	-\$192,521	\$367,044	\$11,773,694
Indirect	\$287,395	\$678,498	\$287,517	\$1,460,040	\$2,645,789
Induced	\$448,258	\$1,100,091	\$457,486	\$2,285,555	\$3,999,100
Total	\$1,439,209	\$1,402,218	\$552,482	\$4,112,639	\$18,418,583

Tax Impact of Operations, Cumulative 2022-2022

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$707,438	\$963,270	\$409,341	\$2,335,127	\$11,096,608
Indirect	\$470,462	\$778,025	\$336,368	\$1,814,861	\$6,596,454
Induced	\$403,075	\$965,988	\$425,218	\$2,002,311	\$4,832,833
Total	\$1,580,974	\$2,707,283	\$1,170,927	\$6,152,300	\$22,525,895

Tax Impact of Operations, Annual Contributions 2022 - Forward

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$707,438	\$963,270	\$409,341	\$2,335,127	\$11,096,608
Indirect	\$470,462	\$778,025	\$336,368	\$1,814,861	\$6,596,454
Induced	\$403,075	\$965,988	\$425,218	\$2,002,311	\$4,832,833
Total	\$1,580,974	\$2,707,283	\$1,170,927	\$6,152,300	\$22,525,895

Case Study: Sofidel

Sofidel is an Italian company that specializes in tissue paper for sanitary and domestic use. Sofidel, currently operating in 16 countries around the world, chose Circleville in Pickaway County for their 1.4 million square foot manufacturing facility which will be their largest production site. This facility is the first integrated greenfield facility in the United States. Sofidel invested \$260M to construct this new facility in 2015 which employs 310 workers.

Economic Impact

Total Investment: \$260 million **New Annual Payroll:** \$15 million
Building Construction: \$99 million **New Annual Jobs:** 310
Target Industry: Advanced Manufacturing

Construction supported 1,465 jobs, \$94.94M in Labor Income, \$127.14M in GSP, and \$233.31M in Economic Output. Operations support 835 jobs, \$46.73M in Labor Income, \$79.93M in GSP, and \$219.40M in Economic Output.

Economic Impact of Construction

	Employment	Labor Income	Value Added	Output
Direct	845	\$59,011,517	\$63,333,997	\$119,331,277
Indirect	204	\$14,791,020	\$24,296,080	\$47,914,599
Induced	415	\$21,140,628	\$39,514,790	\$66,067,860
Total	1,465	\$94,943,165	\$127,144,867	\$233,313,736

Economic Impact Operations, Annual Contributions 2022 - Forward

	Employment	Labor Income	Value Added	Output
Direct	310	\$14,670,751	\$25,278,288	\$115,554,789
Indirect	312	\$21,316,878	\$34,741,705	\$70,283,216
Induced	212	\$10,742,591	\$19,910,851	\$33,565,151
Total	835	\$46,730,221	\$79,930,845	\$219,403,156

The direct investment by Sofidel also supported \$26.40M in tax revenue to the state of Ohio. The annual operation of Sofidel since 2016, resulted in a cumulative impact of \$119.23M in supported taxes over the seven-year period. The jobs created by Sofidel will hopefully continue to contribute annually to the Ohio economy generating \$17.03M in supported taxes annually after 2022.

Tax Impact of Construction

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$615,346	\$230,402	\$72,486	\$1,299,629	\$10,302,427
Indirect	\$246,139	\$512,518	\$211,996	\$1,124,251	\$3,123,070
Induced	\$405,361	\$1,015,614	\$415,588	\$2,042,576	\$4,778,366
Total	\$1,266,845	\$1,758,535	\$700,071	\$4,466,456	\$18,203,862

Tax Impact of Operations, Cumulative 2016-2022

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$1,524,090	\$2,106,549	\$855,963	\$5,425,571	\$23,043,737
Indirect	\$2,620,756	\$5,815,648	\$2,477,633	\$12,961,836	\$31,495,593
Induced	\$1,449,315	\$3,544,178	\$1,497,026	\$7,511,198	\$16,902,465
Total	\$5,594,161	\$11,466,374	\$4,830,622	\$25,898,605	\$71,441,794

Tax Impact of Operations, Annual Contributions 2022 - Forward

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$217,727	\$300,936	\$122,280	\$775,082	\$3,291,962
Indirect	\$374,394	\$830,807	\$353,948	\$1,851,691	\$4,499,370
Induced	\$207,045	\$506,311	\$213,861	\$1,073,028	\$2,414,638
Total	\$799,166	\$1,638,053	\$690,089	\$3,699,801	\$10,205,971

Northeast Region

There were 898 JobsOhio projects across various Industries in the Northeast Region between 2011-2021. The direct investment by companies located in the Northeast Region support 73,956 jobs, \$4.93B in Labor Income, \$5.40B in Gross State Product, and \$10.55B in Economic Output in the construction industry. Coupled with construction projects across the state, this results in a total economic impact of 132,956 jobs earning \$8.38B in Labor Income, \$11.37B in Gross State Product, and \$21.46B in Economic Output to Northeast Ohio.

Economic Impact of Construction, Total 2011-2021

	Employment	Labor Income	Value Added	Output
Direct	73,956	\$4,931,297,902	\$5,404,195,931	\$10,554,673,775
Indirect	21,223	\$1,519,413,778	\$2,496,811,770	\$4,924,302,236
Induced	37,776	\$1,934,221,426	\$3,466,274,179	\$5,983,044,897
Total	132,956	\$8,384,933,106	\$11,367,281,880	\$21,462,020,908

Annual operations of these companies resulted in 67,653 new jobs with an associated Labor Income of \$4.45B, contributing \$8.49B in Gross State Product, and a total net operating revenue of \$21.59B. Coupled with operations from projects across the state, this results in a total economic impact of 166,313 jobs earning \$10.20B in Labor Income, \$18.27B in Gross State Product, and \$40.30B in Economic Output to the Northeast Region.

Economic Impact Operations, Annual Contributions 2022 - Forward

	Employment	Labor Income	Value Added	Output
Direct	67,653	\$4,447,414,558	\$8,487,604,219	\$21,594,243,806
Indirect	51,935	\$3,360,211,925	\$5,453,483,745	\$11,254,589,956
Induced	46,725	\$2,395,369,299	\$4,324,493,687	\$7,453,796,362
Total	166,313	\$10,202,995,782	\$18,265,581,651	\$40,302,630,124

The direct investment by companies working with JobsOhio also supported \$2.33B in tax revenue from the Northeast Region. The annual operation of these companies since 2012 resulted in a cumulative impact of \$22.60B in supported taxes over the eleven-year period. The jobs created by these companies will hopefully continue to contribute annually to the Ohio economy, generating \$3.76B in supported taxes annually after 2022.

Tax Impact of Construction, Total 2011-2021

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$40,474,994	-\$17,501,981	-\$5,991,257	\$66,662,504	\$958,470,066
Indirect	\$28,949,940	\$59,028,794	\$21,206,096	\$123,621,807	\$303,695,008
Induced	\$41,470,716	\$93,714,638	\$33,684,758	\$187,103,485	\$399,266,447
Total	\$110,895,650	\$135,241,452	\$48,899,597	\$377,387,796	\$1,661,431,522

Tax Impact of Operations, Cumulative 2012-2022

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$501,411,481	\$900,942,405	\$325,217,649	\$2,023,856,137	\$5,974,223,123
Indirect	\$354,551,831	\$629,246,482	\$228,507,426	\$1,424,484,119	\$4,351,631,428
Induced	\$312,959,301	\$695,979,757	\$253,272,248	\$1,408,133,297	\$3,213,278,132
Total	\$1,168,922,613	\$2,226,168,644	\$806,997,324	\$4,856,473,553	\$13,539,132,683

Tax Impact of Operations, Annual Contributions 2022 - Forward

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$87,918,762	\$170,991,498	\$62,071,718	\$369,006,246	\$980,349,526
Indirect	\$58,199,494	\$102,747,387	\$37,350,300	\$232,612,379	\$707,383,959
Induced	\$51,254,705	\$114,845,292	\$41,911,390	\$232,730,675	\$510,473,511
Total	\$197,372,960	\$388,584,176	\$141,333,408	\$834,349,300	\$2,198,206,997

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

Total Investment: \$1.5 billion **New Annual Payroll:** \$45 million
Building Construction: \$500 million **New Annual Jobs:** 1,000
Target Industry: Automotive

Construction supported 6,224 jobs, \$408.46M in Labor Income, \$557.52M in GSP, and \$1.07B in Economic Output. Operations support 1,448 jobs, \$72.55M in Labor Income, \$119.27M in GSP, and \$241.22M in Economic Output.

Economic Impact of Construction

	Employment	Labor Income	Value Added	Output
Direct	3,488	\$235,819,840	\$268,479,510	\$538,590,406
Indirect	1,101	\$82,455,271	\$131,584,918	\$255,799,080
Induced	1,634	\$90,188,994	\$157,459,912	\$271,556,412
Total	6,224	\$408,464,105	\$557,524,340	\$1,065,945,899

Economic Impact Operations, Annual Contributions 2022 - Forward

	Employment	Labor Income	Value Added	Output
Direct	1,000	\$45,053,813	\$71,157,929	\$152,061,698
Indirect	152	\$11,200,229	\$18,846,673	\$38,088,447
Induced	296	\$16,292,215	\$29,266,966	\$51,068,953
Total	1,448	\$72,546,257	\$119,271,567	\$241,219,098

The direct investment by Ultium Cells LLC also supported \$85.29M in tax revenue to the state of Ohio. The annual operation of Ultium Cells LLC since 2021, resulted in a cumulative impact of \$45.03M 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 \$22.52M in supported taxes annually after 2022.

Tax Impact of Construction

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$136,872	-\$10,539,071	-\$3,639,683	-\$11,688,577	\$58,223,609
Indirect	\$1,679,598	\$3,373,955	\$1,175,070	\$6,649,095	\$11,029,742
Induced	\$2,170,845	\$4,987,502	\$1,722,440	\$9,229,037	\$10,775,329
Total	\$3,987,315	-\$2,177,614	-\$742,173	\$4,189,556	\$80,028,680

Tax Impact of Operations, Cumulative 2021-2022

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$1,076,190	\$730,266	\$251,392	\$2,867,032	\$19,575,587
Indirect	\$474,739	\$1,123,513	\$401,807	\$2,275,712	\$4,042,627
Induced	\$697,700	\$1,638,915	\$580,063	\$3,300,878	\$5,998,154
Total	\$2,248,629	\$3,492,694	\$1,233,263	\$8,443,622	\$29,616,367

Tax Impact of Operations, Annual Contributions 2022 - Forward

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$538,095	\$365,133	\$125,696	\$1,433,516	\$9,787,793
Indirect	\$237,370	\$561,756	\$200,904	\$1,137,856	\$2,021,314
Induced	\$348,850	\$819,458	\$290,032	\$1,650,439	\$2,999,077
Total	\$1,124,315	\$1,746,347	\$616,631	\$4,221,811	\$14,808,184

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 \$22M in labor income.

Economic Impact

Total Investment: \$72 million **New Annual Payroll:** \$22 million
Building Construction: \$59 million **New Annual Jobs:** 270
Target Industry: Healthcare

Construction supported 896 jobs, \$56.46M in Labor Income, \$75.61M in GSP, and \$140.63M in Economic Output. Operations support 737 jobs, \$50.25M in Labor Income, \$93.79M in GSP, and \$214.80M in Economic Output.

Economic Impact of Construction

	Employment	Labor Income	Value Added	Output
Direct	509	\$34,435,627	\$37,028,500	\$70,976,136
Indirect	129	\$9,218,422	\$15,356,221	\$29,801,635
Induced	258	\$12,804,430	\$23,227,367	\$39,847,717
Total	896	\$56,458,479	\$75,612,088	\$140,625,488

Economic Impact Operations, Annual Contributions 2022 - Forward

	Employment	Labor Income	Value Added	Output
Direct	270	\$22,015,489	\$42,423,269	\$118,435,992
Indirect	231	\$16,314,328	\$29,861,698	\$59,092,433
Induced	236	\$11,920,681	\$21,502,230	\$37,271,687
Total	737	\$50,250,498	\$93,787,197	\$214,800,113

The direct investment by Xellia Pharmaceuticals also supported \$16.51M in tax revenue to the state of Ohio. The annual operation of Xellia Pharmaceuticals since 2016, resulted in a cumulative impact of \$111.45M 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 \$17.87M in supported taxes annually after 2022.

Tax Impact of Construction

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$314,376	\$113,721	\$39,832	\$806,847	\$6,542,023
Indirect	\$162,649	\$329,861	\$121,223	\$711,994	\$2,038,281
Induced	\$263,518	\$612,163	\$223,944	\$1,238,044	\$2,994,899
Total	\$740,543	\$1,055,745	\$385,000	\$2,756,884	\$11,575,203

Tax Impact of Operations, Cumulative 2016-2022

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$2,173,530	\$3,022,249	\$1,090,771	\$7,603,748	\$31,231,954
Indirect	\$1,698,885	\$3,104,948	\$1,157,824	\$7,074,560	\$22,977,002
Induced	\$1,518,705	\$3,512,169	\$1,298,343	\$7,213,629	\$16,772,511
Total	\$5,391,119	\$9,639,366	\$3,546,937	\$21,891,937	\$70,981,467

Tax Impact of Operations, Annual Contributions 2022 - Forward

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$349,565	\$498,528	\$179,449	\$1,237,640	\$4,943,245
Indirect	\$275,229	\$502,363	\$186,779	\$1,144,108	\$3,704,568
Induced	\$243,604	\$564,802	\$208,274	\$1,159,187	\$2,673,907
Total	\$868,398	\$1,565,693	\$574,503	\$3,540,935	\$11,321,719

Northwest Region

There were 480 JobsOhio projects across various Industries in the Northwest Region between 2011-2021. The direct investment by companies located in the region supports 36,579 jobs, \$2.55B in Labor Income, \$2.78B in Gross State Product, and \$5.39B in Economic Output in the construction industry. Coupled with construction projects across the state, this results in a total economic impact of 57,891 jobs earning \$3.68B in Labor Income, \$4.79B in Gross State Product, and \$9.27B in Economic Output to the Northwest Region.

Economic Impact of Construction, Total 2011-2021

	Employment	Labor Income	Value Added	Output
Direct	36,579	\$2,546,261,841	\$2,778,045,129	\$5,388,004,088
Indirect	7,031	\$480,019,979	\$817,477,760	\$1,756,104,964
Induced	14,281	\$652,035,525	\$1,189,873,147	\$2,122,436,459
Total	57,891	\$3,678,317,345	\$4,785,396,036	\$9,266,545,510

Annual operations of these companies resulted in 27,924 new jobs with an associated Labor Income of \$1.34B, contributing \$2.78B in Gross State Product, and a total net operating revenue of \$10.90B. Coupled with operations from projects across the state, this results in a total economic impact of 58,852 jobs earning \$3.10B in Labor Income, \$5.76B in Gross State Product, and \$17.05B in Economic Output to the Northwest Region.

Economic Impact Operations, Annual Contributions 2022 - Forward

	Employment	Labor Income	Value Added	Output
Direct	27,924	\$1,344,493,693	\$2,779,145,480	\$10,896,443,087
Indirect	18,392	\$1,168,765,702	\$1,908,076,042	\$4,232,234,166
Induced	12,536	\$583,715,486	\$1,074,631,453	\$1,921,169,774
Total	58,852	\$3,096,974,881	\$5,761,852,975	\$17,049,847,026

The direct investment by companies working with JobsOhio also supported \$1.00B in tax revenue from the Northwest Region. The annual operation of these companies since 2012, resulted in a cumulative impact of \$6.80B in supported taxes over the eleven-year period. The jobs created by these companies will hopefully continue to contribute annually to the Ohio economy generating \$1.21B in supported taxes annually after 2022.

Tax Impact of Construction, Total 2011-2021

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$17,685,893	\$6,867,273	\$1,317,593	\$52,768,842	\$473,197,589
Indirect	\$7,602,967	\$18,664,752	\$8,485,743	\$44,792,629	\$99,871,512
Induced	\$11,586,568	\$30,920,491	\$14,180,151	\$72,215,499	\$141,532,878
Total	\$36,875,429	\$56,452,517	\$23,983,488	\$169,776,970	\$714,601,980

Tax Impact of Operations, Cumulative 2012-2022

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$135,950,422	\$294,403,449	\$134,253,324	\$718,532,616	\$1,876,348,211
Indirect	\$95,619,072	\$221,435,589	\$100,669,767	\$544,492,547	\$1,295,937,085
Induced	\$60,286,490	\$156,965,948	\$72,134,391	\$368,393,167	\$721,736,043
Total	\$291,855,984	\$672,804,986	\$307,057,482	\$1,631,418,330	\$3,894,021,338

Tax Impact of Operations, Annual Contributions 2022 - Forward

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$25,449,676	\$62,682,424	\$29,479,565	\$145,359,643	\$291,610,026
Indirect	\$17,324,768	\$37,062,607	\$17,134,436	\$93,580,283	\$247,974,736
Induced	\$10,674,192	\$27,803,726	\$13,021,401	\$64,875,097	\$123,656,282
Total	\$53,448,636	\$127,548,757	\$59,635,403	\$303,815,023	\$663,241,045

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 3,972 jobs that earned \$282M in Labor Income annually.

Economic Impact

Total Investment: \$1.6 billion **New Annual Payroll:** \$98 million
Building Construction: \$566 million **New Annual Jobs:** 1,757
Target Industry: Advanced Manufacturing

Construction supported 6,382 jobs, \$417.55M in Labor Income, \$566.24M in GSP, and \$1.07B in Economic Output. Operations support 4,397 jobs, \$277.20M in Labor Income, \$400.69M in GSP, and \$1.04B in Economic Output.

Economic Impact of Construction

	Employment	Labor Income	Value Added	Output
Direct	3,972	\$281,903,926	\$328,819,814	\$615,589,512
Indirect	819	\$58,169,557	\$97,280,887	\$201,438,630
Induced	1,591	\$77,477,475	\$140,135,143	\$250,914,069
Total	6,382	\$417,550,958	\$566,235,844	\$1,067,942,210

Economic Impact Operations, Annual Contributions 2022 - Forward

	Employment	Labor Income	Value Added	Output
Direct	1,757	\$98,101,769	\$126,629,103	\$542,291,426
Indirect	1,517	\$124,673,013	\$172,525,730	\$320,245,035
Induced	1,123	\$54,427,899	\$101,534,861	\$179,693,531
Total	4,397	\$277,202,681	\$400,689,694	\$1,042,229,992

The direct investment by First Solar also supported \$109.59M in tax revenue to the state of Ohio. The annual operation of First Solar since 2016, resulted in a cumulative impact of \$307.84M 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 \$93.29M in supported taxes annually after 2022.

Tax Impact of Construction

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$1,976,153	\$65,255	-\$216,163	\$3,989,074	\$53,615,096
Indirect	\$900,676	\$2,064,648	\$918,879	\$4,906,563	\$11,104,870
Induced	\$1,379,663	\$3,643,732	\$1,664,623	\$8,388,614	\$15,192,699
Total	\$4,256,491	\$5,773,635	\$2,367,340	\$17,284,251	\$79,912,666

Tax Impact of Operations, Cumulative 2016-2022

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$4,466,151	\$7,794,222	\$3,429,327	\$20,954,497	\$76,268,707
Indirect	\$5,010,060	\$7,849,751	\$3,364,154	\$21,265,113	\$81,543,824
Induced	\$3,509,600	\$8,706,801	\$3,899,992	\$19,260,444	\$40,513,324
Total	\$12,985,811	\$24,350,774	\$10,693,473	\$61,480,054	\$198,325,855

Tax Impact of Operations, Annual Contributions 2022 - Forward

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$1,311,055	\$2,309,166	\$1,056,285	\$6,253,169	\$22,077,913
Indirect	\$1,567,116	\$2,387,062	\$1,055,589	\$6,601,686	\$25,920,892
Induced	\$1,038,239	\$2,556,099	\$1,183,398	\$5,783,285	\$12,185,493
Total	\$3,916,410	\$7,252,327	\$3,295,272	\$18,638,140	\$60,184,298

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 \$18M of annual payroll in the region.

Economic Impact

Total Investment: \$567 million **New Annual Payroll:** \$18 million
Building Construction: \$354 million **New Annual Jobs:** 130
Target Industry: Other

Construction supported 4,577 jobs, \$294.70M in Labor Income, \$382.68M in GSP, and \$723.37M in Economic Output. Operations support 554 jobs, \$44.32M in Labor Income, \$78.17M in GSP, and \$239.85M in Economic Output.

Economic Impact of Construction

	Employment	Labor Income	Value Added	Output
Direct	2,815	\$200,050,901	\$218,982,104	\$413,772,099
Indirect	573	\$40,037,105	\$64,690,913	\$133,376,356
Induced	1,189	\$54,613,379	\$99,008,016	\$176,220,800
Total	4,577	\$294,701,386	\$382,681,033	\$723,369,255

Economic Impact Operations, Annual Contributions 2022 - Forward

	Employment	Labor Income	Value Added	Output
Direct	130	\$17,892,245	\$33,339,722	\$148,858,605
Indirect	244	\$17,825,675	\$29,207,056	\$63,068,065
Induced	181	\$8,605,264	\$15,625,425	\$27,919,452
Total	554	\$44,323,185	\$78,172,203	\$239,846,121

The direct investment by Cleveland-Cliffs also supported \$81.99M in tax revenue to the state of Ohio. The annual operation of Cleveland-Cliffs since 2018, resulted in a cumulative impact of \$76.96M 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 \$15.39M in supported taxes annually after 2022.

Tax Impact of Construction

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$1,396,444	\$868,349	\$262,958	\$4,713,662	\$37,828,243
Indirect	\$567,793	\$1,272,400	\$539,215	\$3,182,374	\$8,397,995
Induced	\$940,930	\$2,591,629	\$1,125,625	\$6,101,619	\$12,197,080
Total	\$2,905,167	\$4,732,379	\$1,927,798	\$13,997,655	\$58,423,319

Tax Impact of Operations, Cumulative 2018-2022

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$1,183,256	\$2,516,151	\$1,127,350	\$6,453,952	\$18,592,410
Indirect	\$1,255,365	\$2,769,390	\$1,204,427	\$6,873,102	\$17,788,618
Induced	\$749,005	\$1,977,148	\$875,931	\$4,635,376	\$8,953,562
Total	\$3,187,626	\$7,262,690	\$3,207,709	\$17,962,430	\$45,334,590

Tax Impact of Operations, Annual Contributions 2022 - Forward

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$236,651	\$503,230	\$225,470	\$1,290,790	\$3,718,482
Indirect	\$251,073	\$553,878	\$240,885	\$1,374,620	\$3,557,724
Induced	\$149,801	\$395,430	\$175,186	\$927,075	\$1,790,712
Total	\$637,525	\$1,452,538	\$641,542	\$3,592,486	\$9,066,918

Southeast Region

There were 276 JobsOhio projects across various Industries in the Southeast Region between 2011-2021. The direct investment by companies located in the region supports 68,529 jobs, \$4.64B in Labor Income, \$5.29B in Gross State Product, and \$9.92B in Economic Output in the construction industry. Coupled with construction projects across the state, this results in a total economic impact of 100,356 jobs earning \$6.07B in Labor Income, \$7.97B in Gross State Product, and \$15.02B in Economic Output to the Southeast Region.

Economic Impact of Construction, Total 2011-2021

	Employment	Labor Income	Value Added	Output
Direct	68,529	\$4,644,619,513	\$5,287,763,495	\$9,916,565,016
Indirect	10,974	\$593,366,503	\$1,049,232,304	\$2,213,966,664
Induced	20,853	\$830,557,189	\$1,633,210,997	\$2,891,423,722
Total	100,356	\$6,068,543,205	\$7,970,206,796	\$15,021,955,402

Annual operations of these companies resulted in 10,184 new jobs with an associated Labor Income of \$523.37M, contributing \$949.94M in Gross State Product, and a total net operating revenue of \$3.22B. Coupled with operations from projects across the state, this results in a total economic impact of 23,856 jobs earning \$1.01B in Labor Income, \$1.96B in Gross State Product, and \$5.38B in Economic Output to the Southeast Region.

Economic Impact Operations, Annual Contributions 2022 - Forward

	Employment	Labor Income	Value Added	Output
Direct	10,184	\$523,370,532	\$949,940,317	\$3,223,340,509
Indirect	9,330	\$305,236,294	\$647,507,561	\$1,501,309,670
Induced	4,342	\$179,674,321	\$362,267,529	\$650,841,947
Total	23,856	\$1,008,281,148	\$1,959,715,408	\$5,375,492,126

The direct investment by companies working with JobsOhio also supported \$1.69B in tax revenue from the Southeast Region. The annual operation of these companies since 2012, resulted in a cumulative impact of \$2.79B in supported taxes over the eleven-year period. The jobs created by these companies will hopefully continue to contribute annually to the Ohio economy generating \$434.15M in supported taxes annually after 2022.

Tax Impact of Construction, Total 2011-2021

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$13,290,345	\$10,893,113	\$6,297,360	\$117,020,398	\$878,202,198
Indirect	\$8,876,535	\$33,125,754	\$19,652,147	\$89,774,039	\$127,758,243
Induced	\$11,564,113	\$41,661,596	\$24,881,133	\$114,935,073	\$189,017,427
Total	\$33,730,993	\$85,680,464	\$50,830,639	\$321,729,510	\$1,194,977,868

Tax Impact of Operations, Cumulative 2012-2022

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$36,605,313	\$126,833,861	\$74,781,695	\$369,436,977	\$747,502,265
Indirect	\$26,094,865	\$94,402,493	\$55,343,111	\$265,434,151	\$458,776,755
Induced	\$16,016,058	\$59,049,580	\$34,739,651	\$164,090,498	\$263,436,765
Total	\$78,716,235	\$280,285,934	\$164,864,457	\$798,961,627	\$1,469,715,786

Tax Impact of Operations, Annual Contributions 2022 - Forward

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$5,335,129	\$17,999,565	\$10,476,592	\$53,361,522	\$118,581,847
Indirect	\$4,245,108	\$15,576,222	\$9,016,156	\$43,319,600	\$70,772,218
Induced	\$2,578,665	\$9,605,623	\$5,573,830	\$26,539,831	\$41,167,888
Total	\$12,158,902	\$43,181,410	\$25,066,578	\$123,220,953	\$230,521,953

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 \$6M in annual Labor Income to the region.

Economic Impact

Total Investment: \$201 million **New Annual Payroll:** \$6 million
Building Construction: \$130 million **New Annual Jobs:** 102
Target Industry: Shale Energy & Petrochemicals

Construction supported 1,664 jobs, \$104.52M in Labor Income, \$129.02M in GSP, and \$244.74M in Economic Output. Operations support 251 jobs, \$15.87M in Labor Income, \$25.26M in GSP, and \$101.97M in Economic Output.

Economic Impact of Construction

	Employment	Labor Income	Value Added	Output
Direct	1,110	\$75,771,125	\$77,005,069	\$145,899,429
Indirect	189	\$12,433,074	\$20,710,302	\$43,351,506
Induced	365	\$16,319,705	\$31,309,453	\$55,491,417
Total	1,664	\$104,523,903	\$129,024,824	\$244,742,351

Economic Impact Operations, Annual Contributions 2022 - Forward

	Employment	Labor Income	Value Added	Output
Direct	102	\$6,334,541	\$9,671,273	\$69,731,652
Indirect	98	\$7,093,677	\$11,138,350	\$24,491,345
Induced	50	\$2,437,387	\$4,452,417	\$7,746,341
Total	251	\$15,865,605	\$25,262,040	\$101,969,338

The direct investment AMG Vanadium also supported \$28.59M in tax revenue to the state of Ohio. The annual operation of AMG Vanadium since 2020, resulted in a cumulative impact of \$14.11M 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 \$4.70M in supported taxes annually after 2022.

Tax Impact of Construction

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$210,296	\$192,707	\$111,768	\$1,806,114	\$14,163,809
Indirect	\$186,532	\$522,866	\$296,103	\$1,358,407	\$2,588,088
Induced	\$255,283	\$785,747	\$453,955	\$2,019,984	\$3,633,663
Total	\$652,111	\$1,501,321	\$861,826	\$5,184,506	\$20,385,561

Tax Impact of Operations, Cumulative 2020-2022

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$144,530	\$459,660	\$245,553	\$1,287,844	\$2,966,360
Indirect	\$298,856	\$889,133	\$445,451	\$2,151,820	\$2,713,642
Induced	\$128,276	\$410,730	\$198,633	\$922,738	\$845,311
Total	\$571,662	\$1,759,522	\$889,637	\$4,362,402	\$6,525,313

Tax Impact of Operations, Annual Contributions 2022 - Forward

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$48,177	\$153,220	\$81,851	\$429,281	\$988,787
Indirect	\$99,619	\$296,378	\$148,484	\$717,273	\$904,547
Induced	\$42,759	\$136,910	\$66,211	\$307,579	\$281,770
Total	\$190,554	\$586,507	\$296,546	\$1,454,134	\$2,175,104

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 \$22.84M 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 \$2.40M in supported taxes annually after 2022.

Tax Impact of Construction

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$1,388	\$1,328	\$778	\$12,544	\$80,801
Indirect	\$978	\$2,753	\$1,603	\$7,443	\$13,469
Induced	\$1,472	\$4,515	\$2,647	\$11,994	\$20,732
Total	\$3,838	\$8,595	\$5,027	\$31,980	\$115,002

Tax Impact of Operations, Cumulative 2012-2022

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$166,349	\$229,442	\$158,638	\$1,476,643	\$8,496,577
Indirect	\$288,683	\$650,625	\$329,943	\$1,776,057	\$4,083,392
Induced	\$207,743	\$597,544	\$309,541	\$1,481,345	\$2,584,902
Total	\$662,774	\$1,477,611	\$798,122	\$4,734,044	\$15,164,871

Tax Impact of Operations, Annual Contributions 2022 - Forward

	Sub County General	Sub County Special District	County	State	Federal
Direct	-\$613	-\$68,320	-\$33,768	-\$37,920	\$1,120,023
Indirect	\$35,855	\$81,758	\$40,473	\$215,283	\$471,775
Induced	\$24,579	\$72,105	\$36,582	\$173,758	\$271,615
Total	\$59,821	\$85,543	\$43,287	\$351,122	\$1,863,413

Southwest Region

There were 495 JobsOhio projects across various Industries in the Southwest Region between 2011-2021. The direct investment by companies located in the Southwest Region support 22,774 jobs, \$1.61B in Labor Income, \$1.72B in Gross State Product, and \$3.13B in Economic Output in the construction industry. Coupled with construction projects across the state, this results in a total economic impact of 38,131 jobs earning \$2.69B in Labor Income, \$3.56B in Gross State Product, and \$6.28B in Economic Output to the Southwest Region.

Economic Impact of Construction, Total 2011-2021

	Employment	Labor Income	Value Added	Output
Direct	21,774	\$1,609,855,786	\$1,724,683,731	\$3,128,256,388
Indirect	5,655	\$473,725,703	\$753,530,167	\$1,369,039,996
Induced	10,702	\$610,803,717	\$1,082,248,201	\$1,786,371,380
Total	38,131	\$2,694,385,206	\$3,560,462,099	\$6,283,667,763

Annual operations of these companies resulted in 44,217 new jobs with an associated Labor Income of \$3.09B, contributing \$5.14B in Gross State Product, and a total net operating revenue of \$11.03B. Coupled with operations from projects across the state, this results in a total economic impact of 94,731 jobs earning \$6.45B in Labor Income, \$10.65B in Gross State Product, and \$20.60B in Economic Output to the Southwest Region.

Economic Impact Operations, Annual Contributions 2022 - Forward

	Employment	Labor Income	Value Added	Output
Direct	44,217	\$3,094,355,273	\$5,140,818,323	\$11,030,699,519
Indirect	25,450	\$1,927,814,456	\$2,960,605,159	\$5,359,909,773
Induced	25,064	\$1,429,991,489	\$2,547,390,463	\$4,207,730,441
Total	94,731	\$6,452,161,219	\$10,648,813,945	\$20,598,339,733

The direct investment by companies working with JobsOhio also supported \$686.54M in tax revenue from the Southwest Region. The annual operation of these companies since 2012, resulted in a cumulative impact of \$11.91B in supported taxes over the eleven-year period. The jobs created by these companies will hopefully continue to contribute annually to the Ohio economy generating \$2.08B in supported taxes annually after 2022.

Tax Impact of Construction, Total 2011-2021

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$9,108,790	-\$2,628,271	-\$1,191,944	\$20,574,110	\$285,158,373
Indirect	\$7,948,274	\$14,828,988	\$6,209,657	\$36,700,907	\$88,582,473
Induced	\$11,589,857	\$23,378,448	\$9,813,545	\$55,500,839	\$120,967,965
Total	\$28,646,921	\$35,579,166	\$14,831,258	\$112,775,856	\$494,708,810

Tax Impact of Operations, Cumulative 2012-2022

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$242,114,688	\$377,179,242	\$155,577,994	\$1,042,119,707	\$3,589,192,199
Indirect	\$154,455,372	\$239,215,499	\$99,437,670	\$657,280,418	\$2,231,045,929
Induced	\$160,720,522	\$323,720,211	\$135,252,877	\$763,869,351	\$1,734,712,560
Total	\$557,290,582	\$940,114,951	\$390,268,541	\$2,463,269,477	\$7,554,950,688

Tax Impact of Operations, Annual Contributions 2022 - Forward

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$45,845,147	\$73,218,962	\$30,616,588	\$198,202,467	\$630,499,956
Indirect	\$26,457,973	\$40,048,695	\$16,686,425	\$111,183,524	\$380,702,198
Induced	\$27,764,094	\$55,118,676	\$23,043,322	\$131,620,559	\$287,655,982
Total	\$100,067,215	\$168,386,333	\$70,346,334	\$441,006,550	\$1,298,858,135

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

Total Investment: \$550 million **New Annual Payroll:** \$13 million
Building Construction: \$200 million **New Annual Jobs:** 300
Target Industry: Food Sciences & Agriculture

Construction supported 2,216 jobs, \$165.60M in Labor Income, \$223.54M in GSP, and \$402.06M in Economic Output. Operations support 834 jobs, \$45.73M in Labor Income, \$80.97M in GSP, and \$274.93M in Economic Output.

Economic Impact of Construction

	Employment	Labor Income	Value Added	Output
Direct	1,299	\$100,267,736	\$114,967,443	\$215,436,162
Indirect	363	\$31,377,194	\$49,248,760	\$88,703,950
Induced	555	\$33,953,146	\$59,327,749	\$97,922,680
Total	2,216	\$165,598,077	\$223,543,952	\$402,062,792

Economic Impact Operations, Annual Contributions 2022 - Forward

	Employment	Labor Income	Value Added	Output
Direct	300	\$13,272,561	\$30,157,039	\$163,617,804
Indirect	378	\$23,279,645	\$34,291,179	\$83,483,196
Induced	156	\$9,177,812	\$16,516,974	\$27,831,702
Total	834	\$45,730,017	\$80,965,192	\$274,932,702

The direct investment by Nestlé Purina also supported \$31.29M in tax revenue to the state of Ohio. The annual operation of Nestlé Purina since 2021, resulted in a cumulative impact of \$33.84M 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 \$16.92M in supported taxes annually after 2022.

Tax Impact of Construction

	Sub County General	Sub County Special District	County	State	Federal
Direct	-\$237,812	-\$3,072,339	-\$1,267,091	-\$4,557,326	\$21,968,106
Indirect	\$553,189	\$991,597	\$401,428	\$2,477,234	\$4,009,396
Induced	\$696,822	\$1,391,472	\$563,865	\$3,295,924	\$4,078,138
Total	\$1,012,198	-\$689,270	-\$301,797	\$1,215,832	\$30,055,641

Tax Impact of Operations, Cumulative 2021-2022

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$1,485,260	\$4,228,955	\$1,848,409	\$9,200,463	\$2,235,526
Indirect	\$275,710	-\$561,445	-\$258,428	-\$260,339	\$9,218,205
Induced	\$343,730	\$757,672	\$326,051	\$1,816,893	\$3,187,108
Total	\$2,104,700	\$4,425,183	\$1,916,032	\$10,757,018	\$14,640,839

Tax Impact of Operations, Annual Contributions 2022 - Forward

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$742,630	\$2,114,478	\$924,205	\$4,600,231	\$1,117,763
Indirect	\$137,855	-\$280,723	-\$129,214	-\$130,169	\$4,609,103
Induced	\$171,865	\$378,836	\$163,025	\$908,447	\$1,593,554
Total	\$1,052,350	\$2,212,591	\$958,016	\$5,378,509	\$7,320,420

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 \$36M in Labor Income.

Economic Impact

Total Investment: \$141 million **New Annual Payroll:** \$36 million
Building Construction: \$68 million **New Annual Jobs:** 500
Target Industry: Advanced Manufacturing

Construction supported 834 jobs, \$59.46M in Labor Income, \$80.97M in GSP, and \$145.37M in Economic Output. Operations support 955 jobs, \$66.88M in Labor Income, \$95.94M in GSP, and \$197.64M in Economic Output.

Economic Impact of Construction

	Employment	Labor Income	Value Added	Output
Direct	488	\$37,123,158	\$43,190,076	\$79,859,493
Indirect	118	\$9,662,286	\$15,287,078	\$28,004,870
Induced	228	\$12,672,455	\$22,492,603	\$37,503,809
Total	834	\$59,457,899	\$80,969,756	\$145,368,173

Economic Impact Operations, Annual Contributions 2022 - Forward

	Employment	Labor Income	Value Added	Output
Direct	500	\$36,165,563	\$46,379,920	\$110,908,819
Indirect	194	\$16,228,229	\$23,540,038	\$43,403,026
Induced	261	\$14,482,904	\$26,018,628	\$43,325,970
Total	955	\$66,876,696	\$95,938,585	\$197,637,816

The direct investment by Festo also supported \$15.53M in tax revenue to the state of Ohio. The annual operation of Festo since 2014, resulted in a cumulative impact of \$115.87M in supported taxes over the nine-year period. The jobs created by Festo will hopefully continue to contribute annually to the Ohio economy generating \$18.35M in supported taxes annually after 2022.

Tax Impact of Construction

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$253,314	\$118,568	\$45,528	\$809,355	\$6,438,076
Indirect	\$153,505	\$296,631	\$122,971	\$736,192	\$1,870,710
Induced	\$232,263	\$493,791	\$205,856	\$1,169,541	\$2,582,117
Total	\$639,082	\$908,990	\$374,356	\$2,715,088	\$10,890,903

Tax Impact of Operations, Cumulative 2014-2022

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$2,029,784	\$1,481,509	\$613,693	\$6,553,976	\$39,580,314
Indirect	\$1,397,733	\$2,031,597	\$856,993	\$5,591,723	\$20,855,233
Induced	\$1,802,688	\$3,599,028	\$1,538,715	\$8,254,766	\$19,682,053
Total	\$5,230,206	\$7,112,134	\$3,009,401	\$20,400,465	\$80,117,600

Tax Impact of Operations, Annual Contributions 2022 - Forward

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$328,726	\$231,846	\$95,097	\$1,049,793	\$6,373,764
Indirect	\$221,532	\$319,421	\$133,875	\$884,199	\$3,240,964
Induced	\$285,428	\$566,061	\$240,333	\$1,308,377	\$3,072,706
Total	\$835,686	\$1,117,328	\$469,306	\$3,242,369	\$12,687,433

West Region

There were 416 JobsOhio projects across various Industries in the West Region between 2011-2021. The direct investment by companies located in the West Region supports 24,428 jobs, \$1.64B in Labor Income, \$1.74B in Gross State Product, and \$3.34B in Economic Output in the construction industry. Coupled with construction projects across the state, this results in a total economic impact of 40,015 jobs earning \$2.47B in Labor Income, \$3.19B in Gross State Product, and \$6.08B in Economic Output to the West Region.

Economic Impact of Construction, Total 2011-2021

	Employment	Labor Income	Value Added	Output
Direct	24,428	\$1,638,685,541	\$1,744,447,105	\$3,343,952,137
Indirect	5,302	\$347,093,176	\$558,412,924	\$1,166,267,544
Induced	10,285	\$487,190,936	\$888,655,640	\$1,572,871,012
Total	40,015	\$2,472,969,652	\$3,191,515,669	\$6,083,090,693

Annual operations of these companies resulted in 32,691 new jobs with an associated Labor Income of \$1.90B, contributing \$3.72B in Gross State Product, and a total net operating revenue of \$10.59B. Coupled with operations from projects across the state, this results in a total economic impact of 69,864 jobs earning \$3.87B in Labor Income, \$7.08B in Gross State Product, and \$17.48B in Economic Output to the West Region.

Economic Impact Operations, Annual Contributions 2022 - Forward

	Employment	Labor Income	Value Added	Output
Direct	32,691	\$1,900,896,426	\$3,716,469,012	\$10,588,668,512
Indirect	20,674	\$1,187,922,826	\$1,936,661,250	\$4,366,737,685
Induced	16,499	\$778,138,713	\$1,430,618,575	\$2,519,971,325
Total	69,864	\$3,866,957,966	\$7,083,748,837	\$17,475,377,521

The direct investment by companies working with JobsOhio also supported \$656.95M in tax revenue from the West Region. The annual operation of these companies since 2012, resulted in a cumulative impact of \$9.15B in supported taxes over the ten-year period. The jobs created by these companies will hopefully continue to contribute annually to the Ohio economy generating \$1.57B in supported taxes annually after 2022.

Tax Impact of Construction, Total 2011-2021

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$10,033,901	-\$1,482,423	-\$1,538,901	\$22,864,941	\$302,054,225
Indirect	\$6,042,258	\$16,203,783	\$6,610,665	\$34,159,303	\$66,149,011
Induced	\$9,207,276	\$25,453,727	\$10,451,121	\$52,779,182	\$97,957,300
Total	\$25,283,434	\$40,175,088	\$15,522,884	\$109,803,427	\$466,160,536

Tax Impact of Operations, Cumulative 2012-2022

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$208,678,778	\$567,441,091	\$232,111,264	\$1,220,604,089	\$2,446,640,897
Indirect	\$106,285,266	\$244,184,009	\$99,661,991	\$554,366,607	\$1,517,128,081
Induced	\$87,995,126	\$238,993,514	\$99,117,004	\$501,500,448	\$1,022,547,715
Total	\$402,959,169	\$1,050,618,614	\$430,890,259	\$2,276,471,144	\$4,986,316,693

Tax Impact of Operations, Annual Contributions 2022 - Forward

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$38,092,393	\$108,711,466	\$43,721,681	\$230,910,225	\$416,949,932
Indirect	\$17,551,599	\$40,228,832	\$16,079,339	\$91,763,860	\$249,269,463
Induced	\$14,638,215	\$40,296,427	\$16,403,523	\$84,757,328	\$164,575,050
Total	\$70,282,207	\$189,236,725	\$76,204,543	\$407,431,413	\$830,794,445

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

Total Investment: \$220 million **New Annual Payroll:** \$25 million
Building Construction: \$63 million **New Annual Jobs:** 509
Target Industry: Advanced Manufacturing

Construction supported 873 jobs, \$55.40M in Labor Income, \$72.85M in GSP, and \$138.63M in Economic Output. Operations support 1,336 jobs, \$79.15M in Labor Income, \$117.95M in GSP, and \$287.03M in Economic Output.

Economic Impact of Construction

	Employment	Labor Income	Value Added	Output
Direct	512	\$35,391,953	\$38,255,094	\$73,687,784
Indirect	126	\$8,755,747	\$14,250,998	\$29,034,921
Induced	234	\$11,248,792	\$20,346,632	\$35,902,412
Total	873	\$55,396,492	\$72,852,724	\$138,625,117

Economic Impact Operations, Annual Contributions 2022 - Forward

	Employment	Labor Income	Value Added	Output
Direct	509	\$24,939,176	\$34,658,368	\$137,237,970
Indirect	477	\$36,741,627	\$51,793,780	\$94,597,753
Induced	350	\$17,464,441	\$31,496,993	\$55,196,290
Total	1,336	\$79,145,244	\$117,949,141	\$287,032,012

The direct investment by Silfex also supported \$15.81M in tax revenue to the state of Ohio. The annual operation of Silfex since 2017, resulted in a cumulative impact of \$137.13M in supported taxes over the six-year period. The jobs created by Silfex will hopefully continue to contribute annually to the Ohio economy generating \$26.35M in supported taxes annually after 2022.

Tax Impact of Construction

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$240,890	\$158,586	\$46,260	\$819,611	\$6,601,577
Indirect	\$140,576	\$345,763	\$140,478	\$788,702	\$1,840,818
Induced	\$203,202	\$553,472	\$226,160	\$1,215,020	\$2,491,117
Total	\$584,668	\$1,057,821	\$412,898	\$2,823,333	\$10,933,513

Tax Impact of Operations, Cumulative 2017-2022

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$1,692,223	\$3,574,341	\$1,383,659	\$8,680,783	\$29,905,763
Indirect	\$2,219,279	\$3,980,672	\$1,553,798	\$10,253,657	\$37,894,203
Induced	\$1,630,691	\$4,306,232	\$1,737,660	\$9,410,490	\$18,902,999
Total	\$5,542,194	\$11,861,245	\$4,675,117	\$28,344,930	\$86,702,966

Tax Impact of Operations, Annual Contributions 2022 - Forward

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$325,798	\$688,926	\$266,486	\$1,670,955	\$5,749,961
Indirect	\$426,262	\$763,664	\$297,757	\$1,965,670	\$7,280,387
Induced	\$313,801	\$828,618	\$334,232	\$1,809,525	\$3,631,379
Total	\$1,065,861	\$2,281,208	\$898,476	\$5,446,150	\$16,661,726

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

Total Investment: \$240 million **New Annual Payroll:** \$4 million
Building Construction: \$140 million **New Annual Jobs:** 67
Target Industry: Food Sciences & Agriculture

Construction supported 1,964 jobs, \$127.09M in Labor Income, \$162.18M in GSP, and \$304.97M in Economic Output. Operations support 772 jobs, \$28.85M in Labor Income, \$85.47M in GSP, and \$376.62M in Economic Output.

Economic Impact of Construction

	Employment	Labor Income	Value Added	Output
Direct	1,177	\$81,809,476	\$83,195,763	\$157,378,895
Indirect	263	\$18,934,210	\$30,935,968	\$63,042,473
Induced	524	\$26,342,164	\$48,047,238	\$84,545,361
Total	1,964	\$127,085,850	\$162,178,969	\$304,966,728

Economic Impact Operations, Annual Contributions 2022 - Forward

	Employment	Labor Income	Value Added	Output
Direct	67	\$3,393,527	\$23,403,107	\$215,713,119
Indirect	585	\$19,524,743	\$51,302,842	\$142,332,290
Induced	121	\$5,927,706	\$10,765,468	\$18,570,389
Total	772	\$28,845,976	\$85,471,417	\$376,615,799

The direct investment by Cargill Inc. also supported \$35.11M in tax revenue to the state of Ohio. The annual operation of Cargill Inc. since 2016, resulted in a cumulative impact of \$88.16M 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 \$13.94M in supported taxes annually after 2022.

Tax Impact of Construction

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$614,727	\$360,165	\$102,122	\$1,872,541	\$14,515,503
Indirect	\$349,516	\$849,313	\$351,450	\$1,744,249	\$3,813,710
Induced	\$512,856	\$1,303,705	\$539,678	\$2,626,365	\$5,557,096
Total	\$1,477,099	\$2,513,184	\$993,249	\$6,243,156	\$23,886,309

Tax Impact of Operations, Cumulative 2016-2022

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$1,342,311	\$5,271,211	\$2,242,114	\$9,685,822	\$7,720,866
Indirect	\$1,964,149	\$4,031,345	\$1,665,738	\$9,282,166	\$29,706,934
Induced	\$692,008	\$1,774,091	\$744,059	\$3,853,490	\$8,184,701
Total	\$3,998,468	\$11,076,646	\$4,651,911	\$22,821,478	\$45,612,501

Tax Impact of Operations, Annual Contributions 2022 - Forward

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$230,620	\$914,322	\$385,208	\$1,668,385	\$956,877
Indirect	\$332,875	\$715,446	\$295,340	\$1,597,128	\$4,483,437
Induced	\$110,881	\$285,849	\$119,456	\$615,411	\$1,232,863
Total	\$674,377	\$1,915,617	\$800,004	\$3,880,924	\$6,673,177

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.

Ohio has long been a manufacturing powerhouse. The Advanced Manufacturing Industry is at the forefront of innovation in areas such as industrial internet of things, additive manufacturing, 3-D printing, automation, advanced materials (including glass-filled composites), and advanced metal alloys. Operations from companies in the industry accounted for the largest percentage of Economic Output from all JobsOhio projects. Ohio has the third largest manufacturing workforce within the United States, boasting roughly 600,000 skilled workers. This is where manufacturing talent and next generation innovation come together to build the future of industry.

Ohio has also become the largest supplier in the Aerospace & Aviation industry, serving the two largest aviation companies - Boeing and Airbus. Being the birthplace of aviation, Ohio reigns 2nd in the nation for attractiveness in the Aerospace field and contains seven universities conducting Unmanned Aircraft System research.¹⁷ This ties very closely with Ohio's Military & Federal Industry, which ranks 3rd in the nation for the number of Department of Defense Air Force civilian employees. Most of the DoD employees are directly tied to the Aerospace & Aviation industry meaning these two industries go hand-in-hand with providing growth to the state.

Ohio has the nation's #2 largest workforce in motor vehicle manufacturing and motor vehicle parts manufacturing, just behind Michigan. Research and development, skilled talent, market access, and a comprehensive supply chain make Ohio an automotive leader. Ohio automotive companies are pursuing improvements that make cars and components lighter, stronger, and better for the environment. The industry itself employs 34,355 workers making it the 4th largest workforce in the state.

¹⁷ Price Waterhouse Cooper. (2021) *Aerospace Manufacturing Attractiveness Rankings*. <https://maia.my/wp-content/uploads/2022/03/2021-aerospace-manufacturing-attractiveness-rankings.pdf>

Ohio provides a successfully evolving fintech workplace with industry knowledge, innovation, and talent. The state was ranked 2nd among the largest financial services in the U.S. (2020 GSP) while being 5th In number of Fortune 500 and 1000 headquarters in the U.S. with companies like Macy's, Kroger, and Progressive.

With companies like Kroger and Smucker's making their home in Ohio, the state's Food & Agriculture industry is healthy. Of all JobsOhio projects, companies in this industry boast the 6th highest employment of any of the target industries while also providing the 4th largest output in the state at roughly \$14.85B. In addition, Ohio also provides open partnerships with the Ohio Environmental Protection Agency, Ohio Department of Natural Resources, and Ohio Department of Agriculture, giving businesses a great incentive to be located there.

Healthcare in Ohio is no slouch when it comes to employing enough workers to fill the demand of its residents. According to *Business Facilities*, while Ohio ranks 6th for the total healthcare jobs, the city of Cleveland was the largest Healthcare Hub in the nation for 2021. Not only is healthcare a huge priority, but Ohio also consists of more than 4,100 bioscience companies and features a growing talent pool of about 80,000 bioscience employees. Ohio includes 13 nationally ranked hospitals, according to the U.S. News' 2020-21 Hospitals Ranking.

Ohio's tech industry is growing rapidly with sectors including artificial intelligence, cybersecurity, Internet of Things, Semiconductors, analytics and more. Ohio has several operations from huge tech companies such as, Intel, Facebook, Google, Amazon Web Services, IBM, Upstart, and Carvana. The growing Information Services & Software industry boasts a large and growing pool of STEM graduates and professionals, with 65,869 Ohioans.

To keep up with these large industries and companies, Ohio also contains a robust Logistics & Distribution sector. Ohio is leading the way being 4th in both the largest network of operating railroads in the U.S. and the 4th largest interstate highway system in the nation. Both of these together means Ohio can ship and move products all over the Country with about 60% of U.S. and Canadian customers within a day's drive of the state.

The Shale Energy & Petrochemicals industry in Ohio accounts for 85% of the U.S. shale gas production growth since 2011. Combined with a deregulated energy market and the state’s proximity to end markets, this makes Ohio a great option for those looking to invest. The Economic impact of construction projects by shale gas companies supported through JobsOhio, employed a staggering 198,160 workers and provided output to the state of \$31.47B.

There are other industries which are also tracked within Ohio’s economy, which are put together into one group. These other industries together add the same amount of value to the economy as the Food Science & Agriculture industry, rounding out the 11 groups of industries listed below.

Total Economic Impact of Construction by Target Industry, 2011-2021 (\$MM)

	Projects	Employment	Labor Income	Value Added	Output
Advanced Manufacturing	1,019	53,227	\$3,459	\$4,570	\$8,540
Aerospace & Aviation	88	3,955	\$253	\$326	\$602
Automotive	324	33,332	\$2,128	\$2,810	\$5,275
Financial Services	131	13,089	\$823	\$1,054	\$1,897
Food & Agriculture	266	42,509	\$2,755	\$3,592	\$6,647
Healthcare	222	22,926	\$1,509	\$2,002	\$3,648
Information & Software	355	21,628	\$1,422	\$1,852	\$3,327
Logistics & Distribution	274	32,540	\$2,076	\$2,682	\$4,889
Military & Federal ¹⁸	10	3,046	\$193	\$251	\$481
Energy & Petrochemicals	267	198,160	\$12,362	\$16,638	\$31,466
Other Industries	318	22,383	\$1,398	\$1,805	\$3,311
Grand Total	3,274	446,796	\$28,377	\$37,582	\$70,084

¹⁸ JobsOhio added Military & Federal as their tenth target industry starting in 2019.

Total Economic Impact of Operations by Target Industry, Annual Contributions 2022 - Forward (\$MM)

	Projects	Employment	Labor Income	Value Added	Output
Advanced Manufacturing	1,019	92,126	\$5,279	\$8,716	\$22,115
Aerospace & Aviation	88	13,286	\$931	\$1,579	\$3,125
Automotive	324	60,350	\$3,303	\$5,266	\$16,880
Financial Services	131	49,471	\$3,283	\$6,068	\$10,944
Food & Agriculture	266	53,402	\$2,694	\$5,038	\$14,851
Healthcare	222	58,247	\$3,701	\$6,325	\$12,648
Information & Software	355	64,756	\$4,345	\$7,472	\$13,177
Logistics & Distribution	274	80,664	\$4,227	\$8,314	\$14,732
Military & Federal ¹⁹	10	915	\$57	\$300	\$316
Energy & Petrochemicals	267	38,727	\$2,634	\$5,524	\$13,220
Other Industries	318	39,157	\$2,467	\$4,259	\$8,222
Grand Total	3,274	551,103	\$32,921	\$58,861	\$130,231

¹⁹ JobsOhio added Military & Federal as their tenth target industry starting in 2019.

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

	Sub County General	Sub County Special District	County	State	Federal
Manufacturing	\$38,005,459	\$49,900,460	\$19,555,852	\$148,024,077	\$660,498,404
Aerospace	\$2,976,098	\$4,432,164	\$1,757,663	\$12,264,222	\$47,297,575
Automotive	\$24,406,456	\$27,494,864	\$10,917,567	\$87,157,401	\$400,754,973
Financial	\$10,745,042	\$14,937,896	\$5,869,456	\$40,923,308	\$153,587,525
Food	\$29,630,270	\$38,919,947	\$15,452,003	\$117,157,264	\$518,551,092
Healthcare	\$17,669,231	\$18,736,502	\$7,309,937	\$59,282,451	\$285,557,650
Information	\$17,755,971	\$20,170,552	\$7,908,152	\$59,608,131	\$262,577,051
Logistics	\$24,894,193	\$30,889,127	\$11,992,000	\$89,129,620	\$383,495,804
Military	\$1,690,754	\$268,073	-\$20,627	\$3,436,918	\$35,604,986
Energy	\$118,898,610	\$204,587,784	\$94,874,033	\$630,923,519	\$2,448,509,505
Other	\$16,942,752	\$24,459,547	\$9,515,349	\$67,901,947	\$262,603,250
Total	\$303,614,835	\$434,796,916	\$185,131,384	\$1,315,808,86	\$5,459,037,814

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

	Sub County General	Sub County Special District	County	State	Federal
Manufacturing	\$453,616,016	\$852,727,092	\$352,599,27	\$2,092,251,09	\$6,524,963,921
Aerospace	\$90,415,473	\$179,301,850	\$71,347,185	\$414,255,319	\$1,195,291,858
Automotive	\$337,687,097	\$661,768,741	\$269,263,130	\$1,595,840,64	\$4,679,371,549
Financial	\$313,049,803	\$501,489,593	\$192,006,011	\$1,219,564,149	\$4,190,217,131
Food	\$318,006,860	\$785,496,489	\$315,305,182	\$1,665,484,39	\$3,472,937,180
Healthcare	\$284,556,531	\$516,937,312	\$205,223,516	\$1,230,075,37	\$3,813,176,882
Information	\$475,816,741	\$906,936,366	\$351,941,364	\$2,067,880,2	\$5,996,347,292
Logistics	\$462,706,680	\$1,284,282,718	\$521,399,713	\$2,601,805,22	\$3,781,203,114
Military	\$1,189,122	\$1,019,207	\$379,243	\$3,216,704	\$30,268,492
Energy	\$363,017,167	\$756,986,797	\$319,383,738	\$1,761,763,34	\$4,500,790,702
Other	\$267,905,660	\$539,620,099	\$215,830,259	\$1,233,018,617	\$3,338,845,750
Total	\$3,367,967,15	\$6,986,566,264	\$2,814,678,6	\$15,885,155,0	\$41,523,413,871

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

	Sub County General	Sub County Special District	County	State	Federal
Manufacturing	\$77,476,076	\$142,756,632	\$59,549,078	\$353,503,802	\$1,126,515,153
Aerospace	\$13,616,992	\$25,369,297	\$10,084,595	\$60,150,490	\$188,750,867
Automotive	\$51,545,831	\$100,477,841	\$40,536,767	\$240,454,656	\$704,534,599
Financial	\$51,776,847	\$84,222,549	\$32,690,306	\$202,226,857	\$690,426,016
Food	\$55,792,801	\$137,655,817	\$55,263,686	\$292,823,848	\$576,389,650
Healthcare	\$58,075,859	\$101,085,017	\$40,077,281	\$241,571,385	\$773,172,819
Information	\$76,108,529	\$140,707,392	\$55,998,107	\$327,114,241	\$952,727,976
Logistics	\$104,411,652	\$289,790,871	\$117,104,204	\$584,984,144	\$821,079,487
Military	\$802,251	\$643,633	\$242,744	\$2,054,012	\$20,239,609
Energy	\$54,779,271	\$133,991,703	\$57,527,416	\$295,027,057	\$591,521,832
Other	\$41,845,410	\$88,738,210	\$35,968,208	\$197,286,849	\$500,139,379
Total	\$586,231,520	\$1,245,438,961	\$505,042,39	\$2,797,197,34	\$6,945,497,386

Advanced Manufacturing

There were 1,019 JobsOhio projects within the Advanced Manufacturing Industry between 2011-2021. The direct investment by companies in Advanced Manufacturing supports 31,909 jobs, \$2.24B in Labor Income, \$2.44B in Gross State Product, and \$4.63B in Economic Output in the construction industry. This results in a total economic impact on the economy of 53,227 jobs earning \$3.46B in Labor Income, \$4.57B in Gross State Product, and \$8.54B in Economic Output to the state.

Economic Impact of Construction, Total 2011-2021

	Employment	Labor Income	Value Added	Output
Direct	31,909	\$2,236,549,233	\$2,438,961,985	\$4,629,652,332
Indirect	7,213	\$516,330,521	\$849,350,970	\$1,693,997,758
Induced	14,106	\$706,482,872	\$1,281,588,308	\$2,216,751,754
Total	53,227	\$3,459,362,625	\$4,569,901,264	\$8,540,401,844

Annual operations of these companies resulted in 46,032 new jobs with an associated Labor Income of \$2.44B, contributing \$3.90B in Gross State Product, and total net operating revenue of \$12.93B. This results in a total economic impact of 92,126 jobs earning \$5.28B in Labor Income, \$8.72B in Gross State Product, and \$22.12B in Economic Output to the State of Ohio.

Economic Impact Operations, Annual Contributions 2022 - Forward

	Employment	Labor Income	Value Added	Output
Direct	46,032	\$2,439,508,648	\$3,896,163,449	\$12,931,480,235
Indirect	23,876	\$1,714,320,493	\$2,762,247,449	\$5,647,875,259
Induced	22,218	\$1,125,255,111	\$2,057,350,539	\$3,535,922,378
Total	92,126	\$5,279,084,252	\$8,715,761,437	\$22,115,277,872

The direct investment by Advanced Manufacturing companies working with JobsOhio also supported \$915.98M in tax revenue to the state of Ohio. The annual operation of these companies since 2012, resulted in a cumulative impact of \$10.28B in supported taxes over the eleven-year period. The jobs created by these companies will hopefully continue to contribute annually to the Ohio economy, generating \$1.76B in supported taxes annually.

Tax Impact of Construction, Total 2011-2021

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$15,571,803	-\$2,617,909	-\$2,246,083	\$31,944,179	\$416,536,402
Indirect	\$8,810,939	\$19,294,476	\$7,999,723	\$43,882,604	\$100,197,611
Induced	\$13,622,717	\$33,223,893	\$13,802,212	\$72,197,294	\$143,764,390
Total	\$38,005,459	\$49,900,460	\$19,555,852	\$148,024,077	\$660,498,404

Tax Impact of Operations, Cumulative 2012-2022

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$166,424,818	\$223,731,081	\$93,562,034	\$673,706,802	\$3,034,857,434
Indirect	\$158,394,342	\$324,237,619	\$133,883,797	\$759,380,441	\$2,057,121,690
Induced	\$128,796,857	\$304,758,392	\$125,153,447	\$659,163,849	\$1,432,984,797
Total	\$453,616,016	\$852,727,092	\$352,599,278	\$2,092,251,091	\$6,524,963,921

Tax Impact of Operations, Annual Contributions 2022 - Forward

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$27,769,661	\$33,748,095	\$14,278,312	\$106,967,876	\$530,493,270
Indirect	\$27,662,459	\$56,583,416	\$23,567,906	\$132,781,695	\$356,305,459
Induced	\$22,043,956	\$52,425,121	\$21,702,860	\$113,754,231	\$239,716,424
Total	\$77,476,076	\$142,756,632	\$59,549,078	\$353,503,802	\$1,126,515,153

Aerospace & Aviation

There were 88 JobsOhio projects within the Aerospace & Aviation Industry between 2011-2021. The direct investment by companies in the Aerospace & Aviation Industry supports 2,376 jobs, \$162.52M in Labor Income, \$169.20M in Gross State Product, and \$318.79M in Economic Output in the construction industry. This results in a total economic impact to the economy of 3,955 jobs earning \$252.51M in Labor Income, \$326.13M in Gross State Product, and \$602.23M in Economic Output to the state of Ohio.

Economic Impact of Construction, Total 2011-2021

	Employment	Labor Income	Value Added	Output
Direct	2,376	\$162,518,453	\$169,199,904	\$318,793,016
Indirect	511	\$36,190,128	\$59,136,117	\$116,783,540
Induced	1,069	\$53,797,796	\$97,794,891	\$166,650,168
Total	3,955	\$252,506,376	\$326,130,912	\$602,226,723

The annual operations of these companies resulted in 6,205 new jobs with an associated Labor Income of \$515.10M, contributing \$873.12M in Gross State Product, and a total net operating revenue of \$1.84B. This results in a total economic impact of 13,286 jobs earning \$930.87M in Labor Income, \$1.58B in Gross State Product, and \$3.12B in Economic Output to the State of Ohio.

Economic Impact Operations, Annual Contributions 2022 - Forward

	Employment	Labor Income	Value Added	Output
Direct	6,205	\$515,099,210	\$873,123,106	\$1,844,655,924
Indirect	3,223	\$215,711,794	\$343,924,942	\$663,040,004
Induced	3,859	\$200,055,320	\$362,174,791	\$617,212,709
Total	13,286	\$930,866,323	\$1,579,222,840	\$3,124,908,636

The direct investment by Aerospace & Aviation companies working with JobsOhio also supported \$68.73M in tax revenue to the state of Ohio. The annual operation of these companies since 2012, resulted in a cumulative impact of \$1.95B in supported taxes over the eleven-year period. The jobs created by these companies will hopefully continue to contribute annually to the Ohio economy generating \$297.97M in supported taxes annually.

Tax Impact of Construction, Total 2011-2021

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$1,271,600	\$622,803	\$204,479	\$3,944,081	\$28,284,241
Indirect	\$648,390	\$1,387,312	\$568,138	\$3,108,162	\$7,433,709
Induced	\$1,056,108	\$2,422,049	\$985,046	\$5,211,979	\$11,579,625
Total	\$2,976,098	\$4,432,164	\$1,757,663	\$12,264,222	\$47,297,575

Tax Impact of Operations, Cumulative 2012-2022

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$43,447,870	\$82,274,002	\$32,103,266	\$194,947,679	\$633,138,595
Indirect	\$22,096,096	\$39,194,342	\$15,627,893	\$95,137,631	\$297,460,505
Induced	\$24,871,506	\$57,833,506	\$23,616,025	\$124,170,009	\$264,692,758
Total	\$90,415,473	\$179,301,850	\$71,347,185	\$414,255,319	\$1,195,291,858

Tax Impact of Operations, Annual Contributions 2022 - Forward

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$6,504,837	\$10,793,222	\$4,212,589	\$27,135,748	\$105,347,857
Indirect	\$3,167,862	\$5,413,189	\$2,149,379	\$13,325,007	\$43,340,572
Induced	\$3,944,294	\$9,162,885	\$3,722,626	\$19,689,735	\$40,062,438
Total	\$13,616,992	\$25,369,297	\$10,084,595	\$60,150,490	\$188,750,867

Automotive

There were 324 JobsOhio projects within the Automotive Industry between 2011-2021. The direct investment by companies in the Automotive Industry supports 19,685 jobs, \$1.34B in Labor Income, \$1.45B in Gross State Product, and \$2.79B in Economic Output in the construction industry. This results in a total economic impact to the economy of 33,332 jobs earning \$2.13B in Labor Income, \$2.81B in Gross State Product, and \$5.28B in Economic Output to the state of Ohio.

Economic Impact of Construction, Total 2011-2021

	Employment	Labor Income	Value Added	Output
Direct	19,685	\$1,343,656,213	\$1,446,768,723	\$2,786,333,200
Indirect	4,676	\$331,925,479	\$543,339,673	\$1,083,043,601
Induced	8,971	\$452,189,025	\$819,603,579	\$1,406,080,537
Total	33,332	\$2,127,770,717	\$2,809,711,975	\$5,275,457,339

Annual operations of these companies resulted in 27,458 new jobs with an associated Labor Income of \$1.29B, contributing \$1.88B in Gross State Product, and total net operating revenue of \$10.01B. This results in a total economic impact of 60,350 jobs earning \$3.30B in Labor Income, \$5.27B in Gross State Product, and \$16.88B in Economic Output to the State of Ohio.

Economic Impact Operations, Annual Contributions 2022 - Forward

	Employment	Labor Income	Value Added	Output
Direct	27,458	\$1,286,641,728	\$1,882,366,118	\$10,005,239,589
Indirect	18,223	\$1,286,744,894	\$2,055,193,812	\$4,583,348,217
Induced	14,669	\$729,940,026	\$1,328,232,665	\$2,291,467,949
Total	60,350	\$3,303,326,648	\$5,265,792,594	\$16,880,055,756

The direct investment by Automotive companies working with JobsOhio also supported \$550.73M in tax revenue to the state of Ohio. The annual operation of these companies since 2012, resulted in a cumulative impact of \$7.54B in supported taxes over the eleven-year period. The jobs created by these companies will hopefully continue to contribute annually to the Ohio economy, generating \$1.14B in supported taxes annually.

Tax Impact of Construction, Total 2011-2021

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$9,222,671	-\$7,453,592	-\$2,781,114	\$13,393,310	\$252,170,099
Indirect	\$6,002,605	\$12,863,198	\$5,041,359	\$27,971,722	\$61,310,177
Induced	\$9,181,180	\$22,085,258	\$8,657,322	\$45,792,369	\$87,274,697
Total	\$24,406,456	\$27,494,864	\$10,917,567	\$87,157,401	\$400,754,973

Tax Impact of Operations, Cumulative 2012-2022

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$108,175,493	\$164,833,850	\$66,692,116	\$461,632,570	\$1,811,899,661
Indirect	\$136,164,279	\$271,388,929	\$110,290,221	\$645,774,843	\$1,819,569,783
Induced	\$93,347,326	\$225,545,961	\$92,280,793	\$488,433,229	\$1,047,902,105
Total	\$337,687,097	\$661,768,741	\$269,263,130	\$1,595,840,641	\$4,679,371,549

Tax Impact of Operations, Annual Contributions 2022 - Forward

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$16,756,775	\$24,410,853	\$9,745,840	\$68,860,766	\$282,891,532
Indirect	\$20,575,908	\$41,588,950	\$16,780,944	\$97,431,319	\$267,417,851
Induced	\$14,213,149	\$34,478,038	\$14,009,983	\$74,162,572	\$154,225,216
Total	\$51,545,831	\$100,477,841	\$40,536,767	\$240,454,656	\$704,534,599

Financial Services

There were 131 JobsOhio projects within the Financial Services Industry between 2011-2021. The direct investment by companies in the Financial Services Industry supports 7,965 jobs, \$530.18M in Labor Income, \$544.50M in Gross State Product, and \$980.92M in Economic Output in the construction industry. This results in a total economic impact to the economy of 13,089 jobs earning \$822.99M in Labor Income, \$1.05B in Gross State Product, and \$1.90B in Economic Output to the state of Ohio.

Economic Impact of Construction, Total 2011-2021

	Employment	Labor Income	Value Added	Output
Direct	7,965	\$530,182,280	\$544,501,352	\$980,921,796
Indirect	1,557	\$110,570,623	\$177,289,063	\$353,635,065
Induced	3,567	\$182,232,974	\$332,388,381	\$562,347,509
Total	13,089	\$822,985,878	\$1,054,178,795	\$1,896,904,370

Annual operations of these companies resulted in 21,166 new jobs with an associated Labor Income of \$1.65B, contributing \$3.21B in Gross State Product, and total net operating revenue of \$5.65B. This results in a total economic impact of 49,471 jobs earning \$3.28B in Labor Income, \$6.07B in Gross State Product, and \$10.94B in Economic Output to the State of Ohio.

Economic Impact Operations, Annual Contributions 2022 - Forward

	Employment	Labor Income	Value Added	Output
Direct	21,166	\$1,645,879,477	\$3,212,087,654	\$5,649,857,046
Indirect	14,111	\$892,710,604	\$1,496,672,888	\$2,986,042,189
Induced	14,194	\$744,212,756	\$1,359,289,642	\$2,308,418,347
Total	49,471	\$3,282,802,837	\$6,068,050,185	\$10,944,317,581

The direct investment by Financial Services companies working with JobsOhio also supported \$226.06M in tax revenue to the state of Ohio. The annual operation of these companies since 2012 resulted in a cumulative impact of \$6.42B in supported taxes over the eleven-year period. The jobs created by these companies will hopefully continue to contribute annually to the Ohio economy, generating \$1.06B in supported taxes annually.

Tax Impact of Construction, Total 2011-2021

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$5,209,625	\$2,565,658	\$921,390	\$13,982,009	\$91,725,809
Indirect	\$1,925,032	\$3,987,035	\$1,601,306	\$9,045,017	\$22,586,175
Induced	\$3,610,385	\$8,385,204	\$3,346,759	\$17,896,281	\$39,275,541
Total	\$10,745,042	\$14,937,896	\$5,869,456	\$40,923,308	\$153,587,525

Tax Impact of Operations, Cumulative 2012-2022

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$143,785,258	\$191,357,941	\$72,699,608	\$506,182,550	\$2,109,839,012
Indirect	\$77,701,764	\$99,960,406	\$37,884,684	\$273,204,948	\$1,108,351,896
Induced	\$91,562,782	\$210,171,246	\$81,421,719	\$440,176,651	\$972,026,222
Total	\$313,049,803	\$501,489,593	\$192,006,011	\$1,219,564,149	\$4,190,217,131

Tax Impact of Operations, Annual Contributions 2022 - Forward

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$24,028,996	\$33,155,989	\$12,783,769	\$85,371,414	\$350,366,851
Indirect	\$12,780,333	\$16,493,707	\$6,330,075	\$44,487,422	\$183,702,164
Induced	\$14,967,518	\$34,572,853	\$13,576,462	\$72,368,021	\$156,357,001
Total	\$51,776,847	\$84,222,549	\$32,690,306	\$202,226,857	\$690,426,016

Food Sciences & Agriculture

There were 266 JobsOhio projects within the Food Sciences & Agriculture Industry between 2011-2021. The direct investment by companies in the Food Sciences & Agriculture Industry supports 25,752 jobs, \$1.78B in Labor Income, \$1.90B in Gross State Product, and \$3.56B in Economic Output in the construction industry. This results in a total economic impact to the economy of 42,509 jobs earning \$2.76B in Labor Income, \$3.59B in Gross State Product, and \$6.65B in Economic Output to the state of Ohio.

Economic Impact of Construction, Total 2011-2021

	Employment	Labor Income	Value Added	Output
Direct	25,752	\$1,781,599,921	\$1,897,441,094	\$3,561,129,529
Indirect	5,607	\$406,128,879	\$665,925,900	\$1,317,821,165
Induced	11,151	\$567,565,968	\$1,028,174,933	\$1,767,880,899
Total	42,509	\$2,755,294,768	\$3,591,541,926	\$6,646,831,593

Annual operations of these companies resulted in 17,524 new jobs with an associated Labor Income of \$930.02M, contributing \$1.99B in Gross State Product, and a total net operating revenue of \$8.14B. This results in a total economic impact of 53,402 jobs earning \$2.69B in Labor Income, \$5.04B in Gross State Product, and \$14.85B in Economic Output to the State of Ohio.

Economic Impact Operations, Annual Contributions 2022 - Forward

	Employment	Labor Income	Value Added	Output
Direct	17,524	\$930,023,192	\$1,985,725,561	\$8,144,410,924
Indirect	24,499	\$1,182,062,140	\$1,992,734,014	\$4,888,776,411
Induced	11,380	\$581,802,314	\$1,059,386,744	\$1,817,990,427
Total	53,402	\$2,693,887,646	\$5,037,846,319	\$14,851,177,762

The direct investment by Food Sciences & Agriculture companies working with JobsOhio also supported \$719.71M in tax revenue to the state of Ohio. The annual operation of these companies since 2012 resulted in a cumulative impact of \$6.56B in supported taxes over the eleven-year period. The jobs created by these companies will hopefully continue to contribute annually to the Ohio economy generating \$1.12B in supported taxes annually.

Tax Impact of Construction, Total 2011-2021

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$11,515,043	-\$2,975,368	-\$1,845,836	\$24,097,665	\$328,275,625
Indirect	\$7,085,077	\$15,514,744	\$6,414,465	\$35,394,656	\$77,068,153
Induced	\$11,030,150	\$26,380,570	\$10,883,375	\$57,664,943	\$113,207,314
Total	\$29,630,270	\$38,919,947	\$15,452,003	\$117,157,264	\$518,551,092

Tax Impact of Operations, Cumulative 2012-2022

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$135,973,083	\$401,214,576	\$160,476,230	\$790,556,908	\$1,211,966,597
Indirect	\$114,847,615	\$226,555,435	\$91,699,393	\$536,282,248	\$1,518,729,376
Induced	\$67,186,161	\$157,726,479	\$63,129,559	\$338,645,238	\$742,241,207
Total	\$318,006,860	\$785,496,489	\$315,305,182	\$1,665,484,394	\$3,472,937,180

Tax Impact of Operations, Annual Contributions 2022 - Forward

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$25,274,225	\$74,555,930	\$30,022,716	\$148,533,885	\$202,371,242
Indirect	\$18,981,071	\$36,061,536	\$14,368,553	\$86,053,407	\$250,785,427
Induced	\$11,537,504	\$27,038,352	\$10,872,417	\$58,236,556	\$123,232,982
Total	\$55,792,801	\$137,655,817	\$55,263,686	\$292,823,848	\$576,389,650

Healthcare

There were 222 JobsOhio projects within the Healthcare Industry between 2011-2021. The direct investment by companies in the Healthcare Industry supports 13,589 jobs, \$957.37M in Labor Income, \$1.05B in Gross State Product, and \$1.91B in Economic Output in the construction industry. This results in a total economic impact to the economy of 22,926 jobs earning \$1.51B in Labor Income, \$2.00B in Gross State Product, and \$3.65B in Economic Output to the state of Ohio.

Economic Impact of Construction, Total 2011-2021

	Employment	Labor Income	Value Added	Output
Direct	13,589	\$957,365,603	\$1,045,508,722	\$1,908,347,139
Indirect	3,140	\$227,409,722	\$370,503,824	\$735,241,413
Induced	6,198	\$324,010,389	\$585,965,235	\$1,004,612,478
Total	22,926	\$1,508,785,713	\$2,001,977,781	\$3,648,201,030

Annual operations of these companies resulted in 25,897 new jobs with an associated Labor Income of \$1.74B, contributing \$3.00B in Gross State Product, and a total net operating revenue of \$6.58B. This results in a total economic impact of 58,247 jobs earning \$3.70B in Labor Income, \$6.33B in Gross State Product, and \$12.65B in Economic Output to the State of Ohio.

Economic Impact Operations, Annual Contributions 2022 - Forward

	Employment	Labor Income	Value Added	Output
Direct	25,897	\$1,735,055,468	\$3,001,878,823	\$6,580,997,903
Indirect	16,823	\$1,142,503,823	\$1,824,577,278	\$3,511,363,297
Induced	15,528	\$823,806,511	\$1,498,929,660	\$2,555,656,247
Total	58,247	\$3,701,365,803	\$6,325,385,761	\$12,648,017,448

The direct investment by Healthcare companies working with JobsOhio also supported \$388.56M in tax revenue to the state of Ohio. The annual operation of these companies since 2012, resulted in a cumulative impact of \$6.05B in supported taxes over the eleven-year period. The jobs created by these companies will hopefully continue to contribute annually to the Ohio economy generating \$1.21B in supported taxes annually.

Tax Impact of Construction, Total 2011-2021

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$7,173,273	-\$5,787,854	-\$2,401,001	\$7,229,000	\$182,898,712
Indirect	\$4,049,618	\$8,878,997	\$3,515,247	\$19,367,783	\$41,456,125
Induced	\$6,446,340	\$15,645,360	\$6,195,691	\$32,685,669	\$61,202,814
Total	\$17,669,231	\$18,736,502	\$7,309,937	\$59,282,451	\$285,557,650

Tax Impact of Operations, Cumulative 2012-2022

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$120,657,724	\$196,206,108	\$77,631,310	\$492,651,399	\$1,781,750,181
Indirect	\$84,285,760	\$137,216,465	\$54,209,773	\$346,228,806	\$1,194,353,665
Induced	\$79,613,047	\$183,514,739	\$73,382,433	\$391,195,173	\$837,073,036
Total	\$284,556,531	\$516,937,312	\$205,223,516	\$1,230,075,378	\$3,813,176,882

Tax Impact of Operations, Annual Contributions 2022 - Forward

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$24,925,064	\$36,342,183	\$14,320,469	\$94,442,933	\$374,384,693
Indirect	\$16,704,166	\$26,727,053	\$10,536,370	\$66,586,144	\$232,051,028
Induced	\$16,446,629	\$38,015,781	\$15,220,442	\$80,542,308	\$166,737,098
Total	\$58,075,859	\$101,085,017	\$40,077,281	\$241,571,385	\$773,172,819

Information & Software

There were 355 JobsOhio projects within the Information Services & Software Industry between 2011-2021. The direct investment by companies in the Information Services & Software Industry supports 12,942 jobs, \$909.17M in Labor Income, \$964.23M in Gross State Product, and \$1.73B in Economic Output in the construction industry. This results in a total economic impact to the economy of 21,628 jobs earning \$1.42B in Labor Income, \$1.85B in Gross State Product, and \$3.33B in Economic Output to the state of Ohio.

Economic Impact of Construction, Total 2011-2021

	Employment	Labor Income	Value Added	Output
Direct	12,942	\$909,167,097	\$964,229,627	\$1,726,959,584
Indirect	2,756	\$201,186,222	\$320,804,948	\$638,428,039
Induced	5,929	\$311,435,727	\$567,204,412	\$961,134,553
Total	21,628	\$1,421,789,045	\$1,852,238,987	\$3,326,522,175

Annual operations of these companies resulted in 26,236 new jobs with an associated Labor Income of \$2.18B, contributing \$3.84B in Gross State Product, and a total net operating revenue of \$6.87B. This results in a total economic impact of 64,756 jobs earning \$4.35B in Labor Income, \$7.47B in Gross State Product, and \$13.18B in Economic Output to the State of Ohio.

Economic Impact Operations, Annual Contributions 2022 - Forward

	Employment	Labor Income	Value Added	Output
Direct	26,236	\$2,177,573,702	\$3,841,354,933	\$6,867,857,498
Indirect	19,488	\$1,165,744,266	\$1,805,839,558	\$3,223,938,103
Induced	19,032	\$1,002,079,384	\$1,824,765,486	\$3,085,556,716
Total	64,756	\$4,345,397,353	\$7,471,959,978	\$13,177,352,316

The direct investment by Information Services & Software companies working with JobsOhio also supported \$368.02M in tax revenue to the state of Ohio. The annual operation of these companies since 2012, resulted in a cumulative impact of \$9.80B in supported taxes over the eleven-year period. The jobs created by these companies will hopefully continue to contribute annually to the Ohio economy generating \$1.55B in supported taxes annually.

Tax Impact of Construction, Total 2011-2021

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$8,195,114	-\$2,015,418	-\$1,101,283	\$12,581,770	\$165,677,699
Indirect	\$3,454,543	\$7,349,789	\$3,003,232	\$16,255,075	\$37,121,548
Induced	\$6,106,313	\$14,836,182	\$6,006,202	\$30,771,286	\$59,777,804
Total	\$17,755,971	\$20,170,552	\$7,908,152	\$59,608,131	\$262,577,051

Tax Impact of Operations, Cumulative 2012-2022

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$243,124,682	\$450,468,054	\$172,365,000	\$1,029,477,471	\$3,167,293,006
Indirect	\$104,998,716	\$165,967,367	\$65,016,362	\$421,717,981	\$1,459,008,685
Induced	\$127,693,343	\$290,500,946	\$114,560,002	\$616,684,752	\$1,370,045,601
Total	\$475,816,741	\$906,936,366	\$351,941,364	\$2,067,880,204	\$5,996,347,292

Tax Impact of Operations, Annual Contributions 2022 - Forward

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$39,127,696	\$69,270,570	\$27,422,363	\$162,548,733	\$503,049,345
Indirect	\$16,885,802	\$25,892,007	\$10,379,387	\$67,121,948	\$240,032,223
Induced	\$20,095,032	\$45,544,815	\$18,196,357	\$97,443,559	\$209,646,408
Total	\$76,108,529	\$140,707,392	\$55,998,107	\$327,114,241	\$952,727,976

Logistics & Distribution

There were 274 JobsOhio projects within the Logistics & Distribution Industry between 2011-2021. The direct investment by companies in the Logistics & Distribution Industry supports 19,987 jobs, \$1.35B in Labor Income, \$1.41B in Gross State Product, and \$2.58B in Economic Output in the construction industry. This results in a total economic impact on the economy of 32,540 jobs earning \$2.08B in Labor Income, \$2.68B in Gross State Product, and \$4.89B in Economic Output to the state of Ohio.

Economic Impact of Construction, Total 2011-2021

	Employment	Labor Income	Value Added	Output
Direct	19,987	\$1,349,453,880	\$1,412,875,437	\$2,575,349,723
Indirect	3,980	\$285,219,711	\$465,387,576	\$935,264,515
Induced	8,574	\$440,852,505	\$803,883,973	\$1,378,011,880
Total	32,540	\$2,075,526,096	\$2,682,146,986	\$4,888,626,118

Annual operations of these companies resulted in 41,734 new jobs with an associated Labor Income of \$1.99B, contributing \$4.63B in Gross State Product, and a total net operating revenue of \$8.08B. This results in a total economic impact of 80,664 jobs earning \$4.23B in Labor Income, \$8.31B in Gross State Product, and \$14.73B in Economic Output to the State of Ohio.

Economic Impact Operations, Annual Contributions 2022 - Forward

	Employment	Labor Income	Value Added	Output
Direct	41,734	\$1,993,469,593	\$4,634,905,604	\$8,081,293,592
Indirect	21,499	\$1,312,047,273	\$1,997,217,632	\$3,779,950,463
Induced	17,431	\$921,208,308	\$1,681,636,669	\$2,870,313,817
Total	80,664	\$4,226,725,174	\$8,313,759,906	\$14,731,557,872

The direct investment by Logistics & Distribution companies working with JobsOhio also supported \$540.40M in tax revenue to the state of Ohio. The annual operation of these companies since 2012, resulted in a cumulative impact of \$8.65B in supported taxes over the eleven-year period. The jobs created by these companies will hopefully continue to contribute annually to the Ohio economy generating \$1.92B in supported taxes annually.

Tax Impact of Construction, Total 2011-2021

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$11,163,476	-\$1,556,561	-\$1,158,866	\$20,333,562	\$244,543,667
Indirect	\$5,044,524	\$11,193,500	\$4,555,297	\$24,484,015	\$53,206,429
Induced	\$8,686,193	\$21,252,187	\$8,595,569	\$44,312,043	\$85,745,708
Total	\$24,894,193	\$30,889,127	\$11,992,000	\$89,129,620	\$383,495,804

Tax Impact of Operations, Cumulative 2012-2022

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$291,080,408	\$926,537,706	\$378,115,834	\$1,804,307,013	\$1,787,806,977
Indirect	\$89,200,303	\$162,011,129	\$64,800,763	\$383,491,136	\$1,135,721,165
Induced	\$82,425,968	\$195,733,883	\$78,483,116	\$414,007,075	\$857,674,972
Total	\$462,706,680	\$1,284,282,718	\$521,399,713	\$2,601,805,224	\$3,781,203,114

Tax Impact of Operations, Annual Contributions 2022 - Forward

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$66,144,058	\$211,785,484	\$85,784,209	\$409,582,252	\$378,882,154
Indirect	\$19,914,123	\$34,735,779	\$13,894,100	\$83,532,586	\$258,710,018
Induced	\$18,353,471	\$43,269,607	\$17,425,895	\$91,869,306	\$183,487,314
Total	\$104,411,652	\$289,790,871	\$117,104,204	\$584,984,144	\$821,079,487

Military & Federal

There were 10 JobsOhio projects within the Military & Federal Industry between 2011-2021. The direct investment by companies in the Military & Federal Industry supports 1,842 jobs, \$119.75M in Labor Income, \$127.58M in Gross State Product, and \$251.42M in Economic Output in the construction industry. This results in a total economic impact to the economy of 3,046 jobs earning \$192.82M in Labor Income, \$251.46M in Gross State Product, and \$481.39M in Economic Output to the state of Ohio.

Economic Impact of Construction, Total 2020-2021

	Employment	Labor Income	Value Added	Output
Direct	1,842	\$119,753,857	\$127,580,173	\$251,416,969
Indirect	461	\$33,539,352	\$53,767,807	\$107,971,818
Induced	742	\$39,531,745	\$70,111,288	\$122,002,087
Total	3,046	\$192,824,954	\$251,459,268	\$481,390,873

Annual operations of these companies resulted in 694 new jobs with an associated Labor Income of \$45.12M, contributing \$277.71M in Gross State Product, and a total net operating revenue of \$277.94M. This results in a total economic impact of 915 jobs earning \$56.96M in Labor Income, \$299.69M in Gross State Product, and \$316.11M in Economic Output to the State of Ohio.

Economic Impact Operations, Annual Contributions 2022 - Forward

	Employment	Labor Income	Value Added	Output
Direct	694	\$45,122,019	\$277,709,657	\$277,940,955
Indirect	1	\$68,884	\$122,292	\$260,415
Induced	220	\$11,766,026	\$21,860,798	\$37,909,314
Total	915	\$56,956,929	\$299,692,747	\$316,110,684

The direct investment by Military & Federal companies working with JobsOhio also supported \$40.98M in tax revenue to the state of Ohio. The annual operation of these companies since 2021, resulted in a cumulative impact of \$36.07M in supported taxes over the two-year period. The jobs created by these companies will hopefully continue to contribute annually to the Ohio economy generating \$23.98M in supported taxes annually.

Tax Impact of Construction, Total 2020-2021

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$239,546	-\$3,486,289	-\$1,469,534	-\$4,191,524	\$26,279,330
Indirect	\$629,792	\$1,566,024	\$606,163	\$3,238,532	\$4,338,915
Induced	\$821,415	\$2,188,337	\$842,744	\$4,389,910	\$4,986,741
Total	\$1,690,754	\$268,073	-\$20,627	\$3,436,918	\$35,604,986

Tax Impact of Operations, Cumulative 2021-2022

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$847,459	\$109,116	\$1,517	\$1,255,260	\$26,748,549
Indirect	\$997	\$2,035	\$742	\$5,080	\$15,678
Induced	\$340,666	\$908,056	\$376,984	\$1,956,364	\$3,504,264
Total	\$1,189,122	\$1,019,207	\$379,243	\$3,216,704	\$30,268,492

Tax Impact of Operations, Annual Contributions 2022 - Forward

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$577,313	\$64,115	\$1,296	\$802,981	\$17,834,703
Indirect	\$997	\$2,035	\$742	\$5,080	\$15,678
Induced	\$223,941	\$577,484	\$240,706	\$1,245,952	\$2,389,227
Total	\$802,251	\$643,633	\$242,744	\$2,054,012	\$20,239,609

Energy & Petrochemicals

There were 267 JobsOhio projects within the Shale Energy & Petrochemicals Industry between 2011-2021. The direct investment by companies in the Shale Energy & Petrochemicals Industry supports 119,512 jobs, \$8.15B in Labor Income, \$9.21B in Gross State Product, and \$17.74B in Economic Output in the construction industry. This results in a total economic impact to the economy of 198,160 jobs earning \$12.36B in Labor Income, \$16.64B in Gross State Product, and \$31.47B in Economic Output to the state of Ohio.

Economic Impact of Construction, Total 2011-2021

	Employment	Labor Income	Value Added	Output
Direct	119,512	\$8,150,191,291	\$9,209,234,445	\$17,736,993,140
Indirect	28,416	\$1,856,971,191	\$3,082,927,773	\$6,175,657,704
Induced	50,232	\$2,354,595,121	\$4,346,181,472	\$7,553,669,555
Total	198,160	\$12,361,757,603	\$16,638,343,690	\$31,466,320,399

Annual operations of these companies resulted in 12,359 new jobs with an associated Labor Income of \$992.70M, contributing \$2.63B in Gross State Product, and total net operating revenue of \$7.83B. This results in a total economic impact of 38,727 jobs earning \$2.63B in Labor Income, \$5.52B in Gross State Product, and \$13.22B in Economic Output to the State of Ohio.

Economic Impact Operations, Annual Contributions 2022 - Forward

	Employment	Labor Income	Value Added	Output
Direct	12,359	\$992,698,111	\$2,625,801,869	\$7,832,679,573
Indirect	14,615	\$1,057,571,669	\$1,832,752,474	\$3,557,816,676
Induced	11,753	\$584,005,136	\$1,065,374,885	\$1,829,890,587
Total	38,727	\$2,634,274,917	\$5,523,929,228	\$13,220,386,836

The direct investment by Shale Energy & Petrochemical companies working with JobsOhio also supported \$3.50B in tax revenue to the state of Ohio. The annual operation of these companies since 2012, resulted in a cumulative impact of \$7.70B in supported taxes over the eleven-year period. The jobs created by these companies will hopefully continue to contribute annually to the Ohio economy generating \$1.13B in supported taxes annually.

Tax Impact of Construction, Total 2011-2021

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$44,476,772	\$15,337,368	\$8,431,693	\$188,187,252	\$1,540,344,718
Indirect	\$31,773,362	\$78,574,609	\$36,177,159	\$186,853,805	\$389,685,285
Induced	\$42,648,475	\$110,675,807	\$50,265,181	\$255,882,462	\$518,479,502
Total	\$118,898,610	\$204,587,784	\$94,874,033	\$630,923,519	\$2,448,509,505

Tax Impact of Operations, Cumulative 2012-2022

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$142,086,767	\$256,698,202	\$116,300,395	\$668,930,778	\$2,025,044,765
Indirect	\$133,072,867	\$297,361,275	\$122,763,901	\$663,064,478	\$1,511,027,440
Induced	\$87,857,533	\$202,927,319	\$80,319,443	\$429,768,091	\$964,718,498
Total	\$363,017,167	\$756,986,797	\$319,383,738	\$1,761,763,347	\$4,500,790,702

Tax Impact of Operations, Annual Contributions 2022 - Forward

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$23,460,652	\$62,831,804	\$27,988,706	\$137,707,825	\$238,390,563
Indirect	\$19,588,246	\$43,654,314	\$18,467,249	\$98,823,123	\$226,167,492
Induced	\$11,730,373	\$27,505,585	\$11,071,462	\$58,496,108	\$126,963,777
Total	\$54,779,271	\$133,991,703	\$57,527,416	\$295,027,057	\$591,521,832

Other Industries

In addition to projects in the ten target industries, JobsOhio also supported 318 projects in other industries throughout the state between 2011-2021. The direct investment by companies in Other Industries support 13,737 jobs, \$914.80M in Labor Income, \$958.94M in Gross State Product, and \$1.77B in Economic Output in the construction industry. This results in a total economic impact to the economy of 22,383 jobs earning \$1.40B in Labor Income, \$1.80B in Gross State Product, and \$3.31B in Economic Output to the state of Ohio.

Economic Impact of Construction, Total 2011-2021

	Employment	Labor Income	Value Added	Output
Direct	13,737	\$914,800,761	\$958,937,749	\$1,773,279,624
Indirect	2,708	\$189,334,115	\$308,129,874	\$618,442,391
Induced	5,938	\$294,277,918	\$537,672,317	\$919,278,487
Total	22,383	\$1,398,412,793	\$1,804,739,940	\$3,311,000,501

Annual operations of these companies resulted in 18,134 new jobs with an associated Labor Income of \$1.26B, contributing \$2.17B in Gross State Product, and total net operating revenue of \$4.45B. This results in a total economic impact of 39,157 jobs earning \$2.47B in Labor Income, \$4.26B in Gross State Product, and \$8.22B in Economic Output to the State of Ohio.

Economic Impact Operations, Annual Contributions 2022 - Forward

	Employment	Labor Income	Value Added	Output
Direct	18,134	\$1,258,495,763	\$2,171,828,137	\$4,449,368,546
Indirect	10,527	\$660,482,206	\$1,089,622,109	\$2,084,667,822
Induced	10,496	\$547,782,041	\$997,971,025	\$1,687,794,723
Total	39,157	\$2,466,760,010	\$4,259,421,271	\$8,221,831,091

The direct investment by other companies working with JobsOhio also supported \$381.42M in tax revenue to the state of Ohio. The annual operation of these companies since 2012 resulted in a cumulative impact of \$5.60B in supported taxes over the eleven-year period. The jobs created by these companies will hopefully continue to contribute annually to the Ohio economy generating \$863.98M in supported taxes annually.

Tax Impact of Construction, Total 2011-2021

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$7,971,500	\$3,523,467	\$1,075,263	\$22,158,165	\$161,136,364
Indirect	\$3,257,714	\$7,075,647	\$2,852,516	\$15,967,173	\$38,553,032
Induced	\$5,713,539	\$13,860,434	\$5,587,570	\$29,776,609	\$62,913,853
Total	\$16,942,752	\$24,459,547	\$9,515,349	\$67,901,947	\$262,603,250

Tax Impact of Operations, Cumulative 2012-2022

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$131,653,887	\$255,714,561	\$101,655,877	\$598,384,489	\$1,725,273,789
Indirect	\$64,312,996	\$118,023,494	\$47,429,544	\$280,236,793	\$831,650,842
Induced	\$71,938,777	\$165,882,045	\$66,744,838	\$354,397,335	\$781,921,119
Total	\$267,905,660	\$539,620,099	\$215,830,259	\$1,233,018,617	\$3,338,845,750

Tax Impact of Operations, Annual Contributions 2022 - Forward

	Sub County General	Sub County Special District	County	State	Federal
Direct	\$20,667,356	\$44,822,492	\$18,239,653	\$99,444,831	\$253,803,933
Indirect	\$10,430,435	\$18,945,845	\$7,635,409	\$44,707,231	\$132,596,352
Induced	\$10,747,618	\$24,969,873	\$10,093,146	\$53,134,787	\$113,739,094
Total	\$41,845,410	\$88,738,210	\$35,968,208	\$197,286,849	\$500,139,379

APPENDIX A: JOBSOHIO REGIONS

List of Ohio counties included in each JobsOhio Region.

Central	Northeast	Northwest	Southeast	Southwest	West
Delaware	Ashland	Allen	Adams	Brown	Auglaize
Fairfield	Ashtabula	Crawford	Athens	Butler	Champaign
Franklin	Columbiana	Defiance	Belmont	Clermont	Clark
Knox	Cuyahoga	Fulton	Carroll	Hamilton	Clinton
Licking	Erie	Hancock	Coshocton	Warren	Darke
Logan	Geauga	Hardin	Gallia		Fayette
Madison	Huron	Henry	Guernsey		Greene
Marion	Lake	Lucas	Harrison		Mercer
Morrow	Lorain	Ottawa	Highland		Miami
Pickaway	Mahoning	Paulding	Hocking		Montgomery
Union	Medina	Putnam	Holmes		Preble
	Portage	Sandusky	Jackson		Shelby
	Richland	Seneca	Jefferson		
	Stark	Van Wert	Lawrence		
	Summit	Williams	Meigs		
	Trumbull	Wood	Monroe		
	Tuscarawas	Wyandot	Morgan		
	Wayne		Muskingum		
			Noble		
			Perry		
			Pike		
			Ross		
			Scioto		
			Vinton		
			Washington		

APPENDIX B: CUMULATIVE RESULTS

The cumulative operation results from 2012-2022 are provided for each of the economic indicators by Direct, Indirect, Induced, and Total Effects.

Direct Effects

Employment	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	TOTAL
2011 Projects	19,333	19,333	19,333	19,333	19,333	19,333	19,333	19,333	19,333	19,333	19,333	212,663
2012 Projects		22,019		22,019	22,019	22,019	22,019	22,019	22,019	22,019	22,019	220,190
2013 Projects			18,072	18,072	18,072	18,072	18,072	18,072	18,072	18,072	18,072	162,648
2014 Projects				20,473	20,473	20,473	20,473	20,473	20,473	20,473	20,473	163,784
2015 Projects					23,220	23,220	23,220	23,220	23,220	23,220	23,220	162,540
2016 Projects						20,116		20,116	20,116	20,116	20,116	120,696
2017 Projects							22,782	22,782	22,782	22,782	22,782	113,910
2018 Projects								26,832	26,832	26,832	26,832	107,326
2019 Projects									22,760	22,760	22,760	68,280
2020 Projects										18,953	18,953	37,906
2021 Projects											28,879	28,879
Total	19,333	41,352	59,424	79,897	103,117	123,233	146,015	172,847	195,607	214,560	243,439	1,398,822

Labor Income	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	TOTAL
2011 Projects	\$1,067,624,647	\$1,067,624,647	\$1,067,624,647	\$1,067,624,647	\$1,067,624,647	\$1,067,624,647	\$1,067,624,647	\$1,067,624,647	\$1,067,624,647	\$1,067,624,647	\$1,067,624,647	\$11,743,871,119
2012 Projects		\$1,692,720,378	\$1,692,720,378	\$1,692,720,378	\$1,692,720,378	\$1,692,720,378	\$1,692,720,378	\$1,692,720,378	\$1,692,720,378	\$1,692,720,378	\$1,692,720,378	\$16,927,203,775
2013 Projects			\$1,047,921,359	\$1,047,921,359	\$1,047,921,359	\$1,047,921,359	\$1,047,921,359	\$1,047,921,359	\$1,047,921,359	\$1,047,921,359	\$1,047,921,359	\$9,431,292,228
2014 Projects				\$1,277,804,680	\$1,277,804,680	\$1,277,804,680	\$1,277,804,680	\$1,277,804,680	\$1,277,804,680	\$1,277,804,680	\$1,277,804,680	\$10,222,437,438
2015 Projects					\$1,349,970,489	\$1,349,970,489	\$1,349,970,489	\$1,349,970,489	\$1,349,970,489	\$1,349,970,489	\$1,349,970,489	\$9,449,793,426
2016 Projects						\$1,280,082,809	\$1,280,082,809	\$1,280,082,809	\$1,280,082,809	\$1,280,082,809	\$1,280,082,809	\$7,680,496,853
2017 Projects							\$1,317,572,419	\$1,317,572,419	\$1,317,572,419	\$1,317,572,419	\$1,317,572,419	\$6,587,862,095
2018 Projects								\$1,489,102,329	\$1,489,102,329	\$1,489,102,329	\$1,489,102,329	\$5,956,409,316
2019 Projects									\$1,571,182,337	\$1,571,182,337	\$1,571,182,337	\$4,713,547,012
2020 Projects										\$1,141,331,480	\$1,141,331,480	\$2,282,662,959
2021 Projects											\$1,784,253,984	\$1,784,253,984
Total	\$1,067,624,647	\$2,760,345,025	\$3,808,266,383	\$5,086,071,063	\$6,436,041,553	\$7,716,124,361	\$9,033,696,781	\$10,522,799,109	\$12,093,981,447	\$13,235,312,926	\$15,019,566,910	\$86,779,830,205

Value Added	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	TOTAL
2011 Projects	\$2,010,758,197	\$2,010,758,197	\$2,010,758,197	\$2,010,758,197	\$2,010,758,197	\$2,010,758,197	\$2,010,758,197	\$2,010,758,197	\$2,010,758,197	\$2,010,758,197	\$2,010,758,197	\$22,118,340,167
2012 Projects		\$2,872,722,434	\$2,872,722,434	\$2,872,722,434	\$2,872,722,434	\$2,872,722,434	\$2,872,722,434	\$2,872,722,434	\$2,872,722,434	\$2,872,722,434	\$2,872,722,434	\$28,727,224,338
2013 Projects			\$1,905,820,642	\$1,905,820,642	\$1,905,820,642	\$1,905,820,642	\$1,905,820,642	\$1,905,820,642	\$1,905,820,642	\$1,905,820,642	\$1,905,820,642	\$17,152,385,777
2014 Projects				\$2,524,221,650	\$2,524,221,650	\$2,524,221,650	\$2,524,221,650	\$2,524,221,650	\$2,524,221,650	\$2,524,221,650	\$2,524,221,650	\$20,193,773,203
2015 Projects					\$2,771,658,260	\$2,771,658,260	\$2,771,658,260	\$2,771,658,260	\$2,771,658,260	\$2,771,658,260	\$2,771,658,260	\$19,401,607,820
2016 Projects						\$2,241,208,830	\$2,241,208,830	\$2,241,208,830	\$2,241,208,830	\$2,241,208,830	\$2,241,208,830	\$13,447,252,978
2017 Projects							\$2,622,947,395	\$2,622,947,395	\$2,622,947,395	\$2,622,947,395	\$2,622,947,395	\$13,114,736,974
2018 Projects								\$2,684,981,453	\$2,684,981,453	\$2,684,981,453	\$2,684,981,453	\$10,739,925,811
2019 Projects									\$2,665,035,637	\$2,665,035,637	\$2,665,035,637	\$7,995,106,910
2020 Projects										\$2,124,220,932	\$2,124,220,932	\$4,248,441,864
2021 Projects											\$3,979,369,483	\$3,979,369,483
Total	\$2,010,758,197	\$4,883,480,631	\$6,789,301,273	\$9,313,522,923	\$12,085,181,183	\$14,326,390,013	\$16,949,337,408	\$19,634,318,861	\$22,299,354,497	\$24,423,575,429	\$28,402,944,913	\$161,118,165,328

Output	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	TOTAL
2011 Projects	\$6,060,909,248	\$6,060,909,248	\$6,060,909,248	\$6,060,909,248	\$6,060,909,248	\$6,060,909,248	\$6,060,909,248	\$6,060,909,248	\$6,060,909,248	\$6,060,909,248	\$6,060,909,248	\$66,670,001,725
2012 Projects		\$6,991,774,266	\$6,991,774,266	\$6,991,774,266	\$6,991,774,266	\$6,991,774,266	\$6,991,774,266	\$6,991,774,266	\$6,991,774,266	\$6,991,774,266	\$6,991,774,266	\$69,917,742,655
2013 Projects			\$5,225,343,204	\$5,225,343,204	\$5,225,343,204	\$5,225,343,204	\$5,225,343,204	\$5,225,343,204	\$5,225,343,204	\$5,225,343,204	\$5,225,343,204	\$47,028,088,839
2014 Projects				\$6,765,966,471	\$6,765,966,471	\$6,765,966,471	\$6,765,966,471	\$6,765,966,471	\$6,765,966,471	\$6,765,966,471	\$6,765,966,471	\$54,127,731,771
2015 Projects					\$8,239,271,881	\$8,239,271,881	\$8,239,271,881	\$8,239,271,881	\$8,239,271,881	\$8,239,271,881	\$8,239,271,881	\$57,674,903,169
2016 Projects						\$5,664,144,872	\$5,664,144,872	\$5,664,144,872	\$5,664,144,872	\$5,664,144,872	\$5,664,144,872	\$33,984,869,231
2017 Projects							\$6,228,041,005	\$6,228,041,005	\$6,228,041,005	\$6,228,041,005	\$6,228,041,005	\$31,140,205,027
2018 Projects								\$6,576,333,622	\$6,576,333,622	\$6,576,333,622	\$6,576,333,622	\$26,305,334,489
2019 Projects									\$6,073,104,558	\$6,073,104,558	\$6,073,104,558	\$18,219,313,674
2020 Projects										\$5,326,679,516	\$5,326,679,516	\$10,653,359,031
2021 Projects											\$9,514,213,141	\$9,514,213,141
Total	\$6,060,909,248	\$13,052,683,513	\$18,278,026,718	\$25,043,993,189	\$33,283,265,070	\$38,947,409,942	\$45,175,450,948	\$51,751,784,570	\$57,824,889,128	\$63,151,568,644	\$72,665,781,785	\$425,235,762,753

Indirect Effects

Employment	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	TOTAL
2011 Projects	13,130	13,130	13,130	13,130	13,130	13,130	13,130	13,130	13,130	13,130	13,130	144,425
2012 Projects		16,881	16,881	16,881	16,881	16,881	16,881	16,881	16,881	16,881	16,881	168,805
2013 Projects			12,727	12,727	12,727	12,727	12,727	12,727	12,727	12,727	12,727	114,542
2014 Projects				16,384	16,384	16,384	16,384	16,384	16,384	16,384	16,384	131,073
2015 Projects					19,257	19,257	19,257	19,257	19,257	19,257	19,257	134,802
2016 Projects						12,659	12,659	12,659	12,659	12,659	12,659	75,952
2017 Projects							15,279	15,279	15,279	15,279	15,279	76,395
2018 Projects								14,922	14,922	14,922	14,922	59,686
2019 Projects									14,171	14,171	14,171	42,513
2020 Projects										10,356	10,356	20,713
2021 Projects											21,121	21,121
Total	13,130	30,010	42,737	59,121	78,378	91,037	106,316	121,238	135,408	145,765	166,886	990,026

Labor Income	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	TOTAL
2011 Projects	\$821,685,254	\$821,685,254	\$821,685,254	\$821,685,254	\$821,685,254	\$821,685,254	\$821,685,254	\$821,685,254	\$821,685,254	\$821,685,254	\$821,685,254	\$9,038,537,795
2012 Projects		\$1,075,881,648	\$1,075,881,648	\$1,075,881,648	\$1,075,881,648	\$1,075,881,648	\$1,075,881,648	\$1,075,881,648	\$1,075,881,648	\$1,075,881,648	\$1,075,881,648	\$10,758,816,484
2013 Projects			\$798,784,520	\$798,784,520	\$798,784,520	\$798,784,520	\$798,784,520	\$798,784,520	\$798,784,520	\$798,784,520	\$798,784,520	\$7,189,060,676
2014 Projects				\$868,751,872	\$868,751,872	\$868,751,872	\$868,751,872	\$868,751,872	\$868,751,872	\$868,751,872	\$868,751,872	\$6,950,014,974
2015 Projects					\$1,206,368,542	\$1,206,368,542	\$1,206,368,542	\$1,206,368,542	\$1,206,368,542	\$1,206,368,542	\$1,206,368,542	\$8,444,579,795
2016 Projects						\$801,990,788	\$801,990,788	\$801,990,788	\$801,990,788	\$801,990,788	\$801,990,788	\$4,811,944,728
2017 Projects							\$978,292,883	\$978,292,883	\$978,292,883	\$978,292,883	\$978,292,883	\$4,891,464,415
2018 Projects								\$997,136,955	\$997,136,955	\$997,136,955	\$997,136,955	\$3,988,547,818
2019 Projects									\$934,023,844	\$934,023,844	\$934,023,844	\$2,802,071,532
2020 Projects										\$730,855,256	\$730,855,256	\$1,461,710,511
2021 Projects											\$1,416,196,484	\$1,416,196,484
Total	\$821,685,254	\$1,897,566,902	\$2,696,351,422	\$3,565,103,294	\$4,771,471,836	\$5,573,462,624	\$6,551,755,507	\$7,548,892,462	\$8,482,916,306	\$9,213,771,561	\$10,629,968,045	\$61,752,945,214

Value Added	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	TOTAL
2011 Projects	\$1,315,450,020	\$1,315,450,020	\$1,315,450,020	\$1,315,450,020	\$1,315,450,020	\$1,315,450,020	\$1,315,450,020	\$1,315,450,020	\$1,315,450,020	\$1,315,450,020	\$1,315,450,020	\$14,469,950,223
2012 Projects		\$1,682,926,696	\$1,682,926,696	\$1,682,926,696	\$1,682,926,696	\$1,682,926,696	\$1,682,926,696	\$1,682,926,696	\$1,682,926,696	\$1,682,926,696	\$1,682,926,696	\$16,829,266,962
2013 Projects			\$1,306,023,164	\$1,306,023,164	\$1,306,023,164	\$1,306,023,164	\$1,306,023,164	\$1,306,023,164	\$1,306,023,164	\$1,306,023,164	\$1,306,023,164	\$11,754,208,476
2014 Projects				\$1,552,171,088	\$1,552,171,088	\$1,552,171,088	\$1,552,171,088	\$1,552,171,088	\$1,552,171,088	\$1,552,171,088	\$1,552,171,088	\$12,417,368,706
2015 Projects					\$1,947,135,680	\$1,947,135,680	\$1,947,135,680	\$1,947,135,680	\$1,947,135,680	\$1,947,135,680	\$1,947,135,680	\$13,629,949,757
2016 Projects						\$1,289,453,928	\$1,289,453,928	\$1,289,453,928	\$1,289,453,928	\$1,289,453,928	\$1,289,453,928	\$7,736,723,571
2017 Projects							\$1,561,599,972	\$1,561,599,972	\$1,561,599,972	\$1,561,599,972	\$1,561,599,972	\$7,807,999,859
2018 Projects								\$1,608,031,656	\$1,608,031,656	\$1,608,031,656	\$1,608,031,656	\$6,432,126,625
2019 Projects									\$1,439,661,774	\$1,439,661,774	\$1,439,661,774	\$4,318,985,322
2020 Projects										\$1,189,922,893	\$1,189,922,893	\$2,379,845,786
2021 Projects											\$2,308,527,576	\$2,308,527,576
Total	\$1,315,450,020	\$2,998,376,716	\$4,304,399,880	\$5,856,570,969	\$7,803,706,648	\$9,093,160,577	\$10,654,760,548	\$12,262,792,205	\$13,702,453,979	\$14,892,376,872	\$17,200,904,448	\$100,084,952,861

Output	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	TOTAL
2011 Projects	\$2,732,763,198	\$2,732,763,198	\$2,732,763,198	\$2,732,763,198	\$2,732,763,198	\$2,732,763,198	\$2,732,763,198	\$2,732,763,198	\$2,732,763,198	\$2,732,763,198	\$2,732,763,198	\$30,060,395,173
2012 Projects		\$3,411,902,598	\$3,411,902,598	\$3,411,902,598	\$3,411,902,598	\$3,411,902,598	\$3,411,902,598	\$3,411,902,598	\$3,411,902,598	\$3,411,902,598	\$3,411,902,598	\$34,119,025,976
2013 Projects			\$2,642,185,531	\$2,642,185,531	\$2,642,185,531	\$2,642,185,531	\$2,642,185,531	\$2,642,185,531	\$2,642,185,531	\$2,642,185,531	\$2,642,185,531	\$23,779,669,779
2014 Projects				\$3,131,168,624	\$3,131,168,624	\$3,131,168,624	\$3,131,168,624	\$3,131,168,624	\$3,131,168,624	\$3,131,168,624	\$3,131,168,624	\$25,049,348,994
2015 Projects					\$4,047,064,454	\$4,047,064,454	\$4,047,064,454	\$4,047,064,454	\$4,047,064,454	\$4,047,064,454	\$4,047,064,454	\$28,329,451,176
2016 Projects						\$2,663,167,894	\$2,663,167,894	\$2,663,167,894	\$2,663,167,894	\$2,663,167,894	\$2,663,167,894	\$15,979,007,362
2017 Projects							\$3,117,187,358	\$3,117,187,358	\$3,117,187,358	\$3,117,187,358	\$3,117,187,358	\$15,585,936,788
2018 Projects								\$3,186,304,619	\$3,186,304,619	\$3,186,304,619	\$3,186,304,619	\$12,745,218,476
2019 Projects									\$2,863,450,989	\$2,863,450,989	\$2,863,450,989	\$8,590,352,966
2020 Projects										\$2,506,665,823	\$2,506,665,823	\$5,013,331,645
2021 Projects											\$4,625,217,769	\$4,625,217,769
Total	\$2,732,763,198	\$6,144,665,795	\$8,786,851,326	\$11,918,019,950	\$15,965,084,404	\$18,628,252,298	\$21,745,439,655	\$24,931,744,274	\$27,795,195,263	\$30,301,861,085	\$34,927,078,855	\$203,876,956,104

Induced Effects

Employment	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	TOTAL
2011 Projects	11,824	11,824	11,824	11,824	11,824	11,824	11,824	11,824	11,824	11,824	11,824	130,061
2012 Projects		17,358	17,358	17,358	17,358	17,358	17,358	17,358	17,358	17,358	17,358	173,583
2013 Projects			10,993	10,993	10,993	10,993	10,993	10,993	10,993	10,993	10,993	98,933
2014 Projects				12,060	12,060	12,060	12,060	12,060	12,060	12,060	12,060	96,483
2015 Projects					14,515	14,515	14,515	14,515	14,515	14,515	14,515	101,608
2016 Projects						11,482	11,482	11,482	11,482	11,482	11,482	68,889
2017 Projects							12,769	12,769	12,769	12,769	12,769	63,847
2018 Projects								13,404	13,404	13,404	13,404	53,615
2019 Projects									11,882	11,882	11,882	35,646
2020 Projects										9,131	9,131	18,262
2021 Projects											15,361	15,361
Total	11,824	29,182	40,175	52,235	66,750	78,232	91,001	104,405	116,287	125,418	140,779	856,287

Labor Income	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	TOTAL
2011 Projects	\$583,918,465	\$583,918,465	\$583,918,465	\$583,918,465	\$583,918,465	\$583,918,465	\$583,918,465	\$583,918,465	\$583,918,465	\$583,918,465	\$583,918,465	\$6,423,103,117
2012 Projects		\$858,746,667		\$858,746,667	\$858,746,667	\$858,746,667	\$858,746,667	\$858,746,667	\$858,746,667	\$858,746,667	\$858,746,667	\$8,587,466,668
2013 Projects			\$546,199,248	\$546,199,248	\$546,199,248	\$546,199,248	\$546,199,248	\$546,199,248	\$546,199,248	\$546,199,248	\$546,199,248	\$4,915,793,233
2014 Projects				\$596,052,665	\$596,052,665	\$596,052,665	\$596,052,665	\$596,052,665	\$596,052,665	\$596,052,665	\$596,052,665	\$4,768,421,320
2015 Projects					\$731,486,840	\$731,486,840	\$731,486,840	\$731,486,840	\$731,486,840	\$731,486,840	\$731,486,840	\$5,120,407,882
2016 Projects						\$582,457,860	\$582,457,860	\$582,457,860	\$582,457,860	\$582,457,860	\$582,457,860	\$3,494,747,160
2017 Projects							\$660,901,440	\$660,901,440	\$660,901,440	\$660,901,440	\$660,901,440	\$3,304,507,202
2018 Projects								\$697,194,619	\$697,194,619	\$697,194,619	\$697,194,619	\$2,788,778,475
2019 Projects									\$667,593,855	\$667,593,855	\$667,593,855	\$2,002,781,564
2020 Projects										\$503,735,351	\$503,735,351	\$1,007,470,701
2021 Projects											\$843,625,924	\$843,625,924
Total	\$583,918,465	\$1,442,665,132	\$1,988,864,380	\$2,584,917,045	\$3,316,403,885	\$3,898,861,745	\$4,559,763,186	\$5,256,957,804	\$5,924,551,659	\$6,428,287,010	\$7,271,912,934	\$43,257,103,247

Value Added	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	TOTAL
2011 Projects	\$1,057,539,080	\$1,057,539,080	\$1,057,539,080	\$1,057,539,080	\$1,057,539,080	\$1,057,539,080	\$1,057,539,080	\$1,057,539,080	\$1,057,539,080	\$1,057,539,080	\$1,057,539,080	\$11,632,929,882
2012 Projects		\$1,559,333,061	\$1,559,333,061	\$1,559,333,061	\$1,559,333,061	\$1,559,333,061	\$1,559,333,061	\$1,559,333,061	\$1,559,333,061	\$1,559,333,061	\$1,559,333,061	\$15,593,330,611
2013 Projects			\$1,004,318,075	\$1,004,318,075	\$1,004,318,075	\$1,004,318,075	\$1,004,318,075	\$1,004,318,075	\$1,004,318,075	\$1,004,318,075	\$1,004,318,075	\$9,038,862,675
2014 Projects				\$1,095,578,359	\$1,095,578,359	\$1,095,578,359	\$1,095,578,359	\$1,095,578,359	\$1,095,578,359	\$1,095,578,359	\$1,095,578,359	\$8,764,626,873
2015 Projects					\$1,330,727,897	\$1,330,727,897	\$1,330,727,897	\$1,330,727,897	\$1,330,727,897	\$1,330,727,897	\$1,330,727,897	\$9,315,095,282
2016 Projects						\$1,050,675,644	\$1,050,675,644	\$1,050,675,644	\$1,050,675,644	\$1,050,675,644	\$1,050,675,644	\$6,304,053,862
2017 Projects							\$1,191,878,965	\$1,191,878,965	\$1,191,878,965	\$1,191,878,965	\$1,191,878,965	\$5,959,394,826
2018 Projects								\$1,280,961,004	\$1,280,961,004	\$1,280,961,004	\$1,280,961,004	\$5,123,844,015
2019 Projects									\$1,176,859,536	\$1,176,859,536	\$1,176,859,536	\$3,530,578,607
2020 Projects										\$911,689,656	\$911,689,656	\$1,823,379,312
2021 Projects											\$1,597,411,627	\$1,597,411,627
Total	\$1,057,539,080	\$2,616,872,141	\$3,621,190,216	\$4,716,768,575	\$6,047,496,473	\$7,098,172,117	\$8,290,051,082	\$9,571,012,086	\$10,747,871,621	\$11,659,561,277	\$13,256,972,905	\$78,683,507,574

Output	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	TOTAL
2011 Projects	\$1,787,777,815	\$1,787,777,815	\$1,787,777,815	\$1,787,777,815	\$1,787,777,815	\$1,787,777,815	\$1,787,777,815	\$1,787,777,815	\$1,787,777,815	\$1,787,777,815	\$1,787,777,815	\$19,665,555,960
2012 Projects		\$2,645,243,771	\$2,645,243,771	\$2,645,243,771	\$2,645,243,771	\$2,645,243,771	\$2,645,243,771	\$2,645,243,771	\$2,645,243,771	\$2,645,243,771	\$2,645,243,771	\$26,452,437,712
2013 Projects			\$1,702,161,397	\$1,702,161,397	\$1,702,161,397	\$1,702,161,397	\$1,702,161,397	\$1,702,161,397	\$1,702,161,397	\$1,702,161,397	\$1,702,161,397	\$15,319,452,571
2014 Projects				\$1,858,054,937	\$1,858,054,937	\$1,858,054,937	\$1,858,054,937	\$1,858,054,937	\$1,858,054,937	\$1,858,054,937	\$1,858,054,937	\$14,864,439,494
2015 Projects					\$2,265,799,042	\$2,265,799,042	\$2,265,799,042	\$2,265,799,042	\$2,265,799,042	\$2,265,799,042	\$2,265,799,042	\$15,860,593,297
2016 Projects						\$1,807,075,081	\$1,807,075,081	\$1,807,075,081	\$1,807,075,081	\$1,807,075,081	\$1,807,075,081	\$10,842,450,487
2017 Projects							\$2,066,813,668	\$2,066,813,668	\$2,066,813,668	\$2,066,813,668	\$2,066,813,668	\$10,334,068,339
2018 Projects								\$2,209,394,736	\$2,209,394,736	\$2,209,394,736	\$2,209,394,736	\$8,837,578,944
2019 Projects									\$1,997,527,359	\$1,997,527,359	\$1,997,527,359	\$5,992,582,078
2020 Projects										\$1,576,669,585	\$1,576,669,585	\$3,153,339,171
2021 Projects											\$2,721,615,821	\$2,721,615,821
Total	\$1,787,777,815	\$4,433,021,586	\$6,135,182,983	\$7,993,237,919	\$10,259,036,962	\$12,066,112,043	\$14,132,925,711	\$16,342,320,447	\$18,339,847,806	\$19,916,517,392	\$22,638,133,213	\$134,044,113,876

Total Effects

Employment	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	TOTAL
2011 Projects	44,286	44,286	44,286	44,286	44,286	44,286	44,286	44,286	44,286	44,286	44,286	487,150
2012 Projects		56,258		56,258	56,258	56,258	56,258	56,258	56,258	56,258	56,258	562,578
2013 Projects			41,791	41,791	41,791	41,791	41,791	41,791	41,791	41,791	41,791	376,123
2014 Projects				48,917	48,917	48,917	48,917	48,917	48,917	48,917	48,917	391,339
2015 Projects					56,993	56,993	56,993	56,993	56,993	56,993	56,993	398,949
2016 Projects						44,256	44,256	44,256	44,256	44,256	44,256	265,537
2017 Projects							50,830	50,830	50,830	50,830	50,830	254,152
2018 Projects								55,157	55,157	55,157	55,157	220,628
2019 Projects									48,813	48,813	48,813	146,438
2020 Projects										38,440	38,440	76,880
2021 Projects											65,361	65,361
Total	44,286	100,544	142,336	191,253	248,246	292,502	343,332	398,489	447,302	485,742	551,103	3,245,135

Labor Income	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	TOTAL
2011 Projects	\$2,473,228,366	\$2,473,228,366	\$2,473,228,366	\$2,473,228,366	\$2,473,228,366	\$2,473,228,366	\$2,473,228,366	\$2,473,228,366	\$2,473,228,366	\$2,473,228,366	\$2,473,228,366	\$27,205,512,031
2012 Projects		\$3,627,348,693	\$3,627,348,693	\$3,627,348,693	\$3,627,348,693	\$3,627,348,693	\$3,627,348,693	\$3,627,348,693	\$3,627,348,693	\$3,627,348,693	\$3,627,348,693	\$36,273,486,927
2013 Projects			\$2,392,905,126	\$2,392,905,126	\$2,392,905,126	\$2,392,905,126	\$2,392,905,126	\$2,392,905,126	\$2,392,905,126	\$2,392,905,126	\$2,392,905,126	\$21,536,146,137
2014 Projects				\$2,742,609,217	\$2,742,609,217	\$2,742,609,217	\$2,742,609,217	\$2,742,609,217	\$2,742,609,217	\$2,742,609,217	\$2,742,609,217	\$21,940,873,733
2015 Projects					\$3,287,825,872	\$3,287,825,872	\$3,287,825,872	\$3,287,825,872	\$3,287,825,872	\$3,287,825,872	\$3,287,825,872	\$23,014,781,103
2016 Projects						\$2,664,531,457	\$2,664,531,457	\$2,664,531,457	\$2,664,531,457	\$2,664,531,457	\$2,664,531,457	\$15,987,188,741
2017 Projects							\$2,956,766,742	\$2,956,766,742	\$2,956,766,742	\$2,956,766,742	\$2,956,766,742	\$14,783,833,712
2018 Projects								\$3,183,433,902	\$3,183,433,902	\$3,183,433,902	\$3,183,433,902	\$12,733,735,608
2019 Projects									\$3,172,800,036	\$3,172,800,036	\$3,172,800,036	\$9,518,400,108
2020 Projects										\$2,375,922,086	\$2,375,922,086	\$4,751,844,172
2021 Projects											\$4,044,076,392	\$4,044,076,392
Total	\$2,473,228,366	\$6,100,577,059	\$8,493,482,186	\$11,236,091,402	\$14,523,917,274	\$17,188,448,731	\$20,145,215,473	\$23,328,649,375	\$26,501,449,412	\$28,877,371,497	\$32,921,447,890	\$191,789,878,666

Value Added	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	TOTAL
2011 Projects	\$4,383,747,297	\$4,383,747,297	\$4,383,747,297	\$4,383,747,297	\$4,383,747,297	\$4,383,747,297	\$4,383,747,297	\$4,383,747,297	\$4,383,747,297	\$4,383,747,297	\$4,383,747,297	\$48,221,220,272
2012 Projects		\$6,114,982,191	\$6,114,982,191	\$6,114,982,191	\$6,114,982,191	\$6,114,982,191	\$6,114,982,191	\$6,114,982,191	\$6,114,982,191	\$6,114,982,191	\$6,114,982,191	\$61,149,821,911
2013 Projects			\$4,216,161,881	\$4,216,161,881	\$4,216,161,881	\$4,216,161,881	\$4,216,161,881	\$4,216,161,881	\$4,216,161,881	\$4,216,161,881	\$4,216,161,881	\$37,945,456,928
2014 Projects				\$5,171,971,098	\$5,171,971,098	\$5,171,971,098	\$5,171,971,098	\$5,171,971,098	\$5,171,971,098	\$5,171,971,098	\$5,171,971,098	\$41,375,768,782
2015 Projects					\$6,049,521,837	\$6,049,521,837	\$6,049,521,837	\$6,049,521,837	\$6,049,521,837	\$6,049,521,837	\$6,049,521,837	\$42,346,652,859
2016 Projects						\$4,581,338,402	\$4,581,338,402	\$4,581,338,402	\$4,581,338,402	\$4,581,338,402	\$4,581,338,402	\$27,488,030,411
2017 Projects							\$5,376,426,332	\$5,376,426,332	\$5,376,426,332	\$5,376,426,332	\$5,376,426,332	\$26,882,131,660
2018 Projects								\$5,573,974,113	\$5,573,974,113	\$5,573,974,113	\$5,573,974,113	\$22,295,896,452
2019 Projects									\$5,281,556,947	\$5,281,556,947	\$5,281,556,947	\$15,844,670,840
2020 Projects										\$4,225,833,481	\$4,225,833,481	\$8,451,666,962
2021 Projects											\$7,885,308,687	\$7,885,308,687
Total	\$4,383,747,297	\$10,498,729,489	\$14,714,891,369	\$19,886,862,467	\$25,936,384,304	\$30,517,722,706	\$35,894,149,038	\$41,468,123,151	\$46,749,680,098	\$50,975,513,578	\$58,860,822,265	\$339,886,625,763

Output	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	TOTAL
2011 Projects	\$10,581,450,260	\$10,581,450,260	\$10,581,450,260	\$10,581,450,260	\$10,581,450,260	\$10,581,450,260	\$10,581,450,260	\$10,581,450,260	\$10,581,450,260	\$10,581,450,260	\$10,581,450,260	\$116,395,952,857
2012 Projects		\$13,048,920,634	\$13,048,920,634	\$13,048,920,634	\$13,048,920,634	\$13,048,920,634	\$13,048,920,634	\$13,048,920,634	\$13,048,920,634	\$13,048,920,634	\$13,048,920,634	\$130,489,206,343
2013 Projects			\$9,569,690,132	\$9,569,690,132	\$9,569,690,132	\$9,569,690,132	\$9,569,690,132	\$9,569,690,132	\$9,569,690,132	\$9,569,690,132	\$9,569,690,132	\$86,127,211,190
2014 Projects				\$11,755,190,032	\$11,755,190,032	\$11,755,190,032	\$11,755,190,032	\$11,755,190,032	\$11,755,190,032	\$11,755,190,032	\$11,755,190,032	\$94,041,520,259
2015 Projects					\$14,552,135,378	\$14,552,135,378	\$14,552,135,378	\$14,552,135,378	\$14,552,135,378	\$14,552,135,378	\$14,552,135,378	\$101,864,947,643
2016 Projects						\$10,134,387,847	\$10,134,387,847	\$10,134,387,847	\$10,134,387,847	\$10,134,387,847	\$10,134,387,847	\$60,806,327,080
2017 Projects							\$11,412,042,031	\$11,412,042,031	\$11,412,042,031	\$11,412,042,031	\$11,412,042,031	\$57,060,210,154
2018 Projects								\$11,972,032,977	\$11,972,032,977	\$11,972,032,977	\$11,972,032,977	\$47,888,131,908
2019 Projects									\$10,934,082,906	\$10,934,082,906	\$10,934,082,906	\$32,802,248,719
2020 Projects										\$9,410,014,924	\$9,410,014,924	\$18,820,029,847
2021 Projects											\$16,861,046,732	\$16,861,046,732
Total	\$10,581,450,260	\$23,630,370,894	\$33,200,061,026	\$44,955,251,059	\$59,507,386,436	\$69,641,774,283	\$81,053,816,314	\$93,025,849,291	\$103,959,932,197	\$113,369,947,121	\$130,230,993,853	\$763,156,832,733

THANK YOU FOR PARTNERING WITH IMPLAN!

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