

Manufacturing Project Summary Report Example

City of Arlington

JOBS



89.7
50.0 Direct
39.7 Spin-off

SALARIES



\$34,185 Avg
\$35,000 Direct
\$33,158 Spin-off

CAPITAL INVEST.

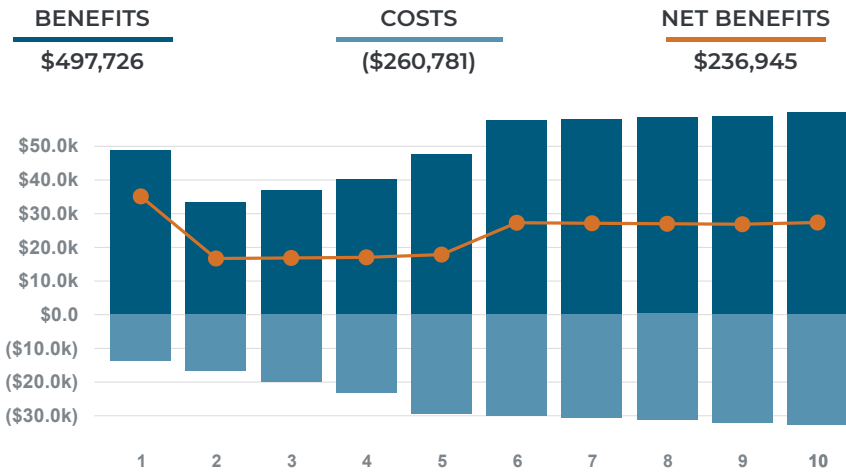


\$2,400,000
Buildings + FF&E

RESIDENTIAL DEV.



1.0 Homes
7.0 Relocations



NET BENEFITS **\$236,945**

Present Value \$181,440

BENEFITS

Sales Taxes	\$65,652
Real Property Taxes*	\$51,063
FF&E Property Taxes	\$35,549
Inventory Property Taxes	\$62,558
New Residential Property Taxes	\$8,742
Building Permits and Fees	\$7,500
Utility Revenue	\$165,902
Utility Franchise Fees	\$46,359
Miscellaneous Taxes and User Fees	\$54,400

Benefits Subtotal \$497,726

COSTS

Cost of Utility Services	(\$164,618)
Cost of Government Services	(\$96,163)

Costs Subtotal (\$260,781)

*Above values exclude Property Tax Rebate \$46,249

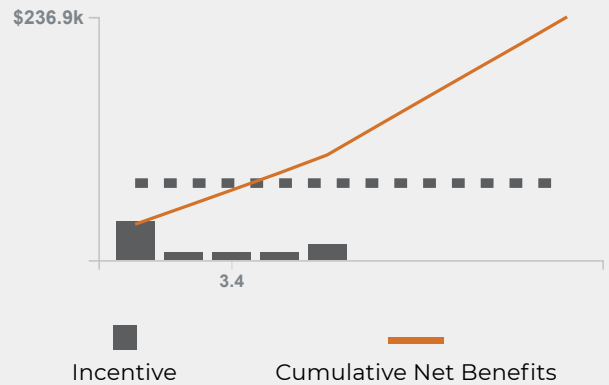
INCENTIVE ANALYSIS

\$75,000
Total Incentive

\$1,500
Per Job

31.6%
Rate of Return

3.4 Yrs
Payback Period



NET BENEFITS OVER 10 YEARS

CITY	\$236,945
COUNTY	\$74,190
SCHOOL DISTRICT	\$112,681
OTHER	\$126,901

Manufacturing Project Detailed Report Example

Project Armadillo - Impact Report

Exemption & \$1,500 per Job

Prepared By: Economic Development Corporation



Purpose & Limitations

This report presents the results of an economic and fiscal analysis undertaken by Economic Development Corporation using Impact DashBoard, a customized web application developed by Impact DataSource, LLC.

Impact DashBoard utilizes estimates, assumptions, and other information developed by Impact DataSource from its independent research effort detailed in a custom user guide prepared for Economic Development Corporation.

This report, generated by the Impact DashBoard application, has been prepared by Economic Development Corporation to assist economic development stakeholders in making an evaluation of the economic and fiscal impact of business activity in the community. This report does not purport to contain all of the information that may be needed to conclude such an evaluation. This report is based on a variety of assumptions and contains forward-looking statements concerning the results of operations of the subject firm. Economic Development Corporation made reasonable efforts to ensure that the project-specific data entered into Impact DashBoard reflects realistic estimates of future activity. Estimates of future activity involve known and unknown risks and uncertainties that could cause actual results, performance, or events to differ materially from those expressed or implied in this report.

Economic Development Corporation and Impact DataSource make no representation or warranty as to the accuracy or completeness of the information contained herein, and expressly disclaim any and all liability based on or relating to any information contained in, or errors or omissions from, this information or based on or relating to the use of this information.

Introduction

This report presents the results of an economic impact analysis performed using Impact DashBoard, a model developed by Impact DataSource. The report estimates the impact that a potential project will have on the local economy and estimates the costs and benefits for local taxing districts over a 10-year period.

Description of the Project

A plywood manufacturer is considering relocating to the city. The company would build a \$1.4 million building and invest \$1.0 million in new equipment. Taxable inventories are expected to be \$900k per year. The company is expected to hire 50 new workers, phased in over the first 5 years. The workers will earn approximately \$35,000 per year.

Economic Impact Overview

The table below summarizes the economic impact of the project over the first 10 years in terms of job creation, salaries paid to workers, and taxable sales.

SUMMARY OF ECONOMIC IMPACT OVER 10 YEARS IN CITY OF ARLINGTON			
IMPACT	DIRECT	SPIN-OFF	TOTAL
Permanent jobs created	50.0	39.7	89.7
Salaries or wages paid to workers	\$16,655,379	\$12,522,488	\$29,177,867
Taxable sales and purchases expected in City of Arlington	\$2,812,380	\$939,187	\$3,751,566

Totals may not sum due to rounding

The Project may result in new residents moving to the community and potentially new residential properties being constructed as summarized below.

SUMMARY OF POPULATION IMPACT OVER 10 YEARS IN CITY OF ARLINGTON			
IMPACT	DIRECT	SPIN-OFF	TOTAL
Workers who will move to City of Arlington	3.9	3.1	7.0
New residents in City of Arlington	10.1	8.0	18.2
New residential properties constructed in City of Arlington	0.6	0.5	1.0
New students to attend local school district	2.0	1.5	3.5

Totals may not sum due to rounding

The new taxable property to be supported by the Project over the next 10 years is summarized in the following table.

SUMMARY OF TAXABLE PROPERTY OVER THE FIRST 10 YEARS IN CITY OF ARLINGTON							
YR.	NEW RESIDENTIAL PROPERTY	LAND	BUILDINGS...	FF&E	INVENTORIES	NON-RESIDENTIAL PROPERTY	TOTAL PROPERTY
1	\$72,347	\$0	\$1,400,000	\$1,000,000	\$900,000	\$3,300,000	\$3,372,347
2	\$88,553	\$0	\$1,428,000	\$900,000	\$918,000	\$3,246,000	\$3,334,553
3	\$105,378	\$0	\$1,456,560	\$800,000	\$936,360	\$3,192,920	\$3,298,298
4	\$122,840	\$0	\$1,485,691	\$700,000	\$955,087	\$3,140,778	\$3,263,619
5	\$156,621	\$0	\$1,515,405	\$600,000	\$974,189	\$3,089,594	\$3,246,215
6	\$159,754	\$0	\$1,545,713	\$500,000	\$993,673	\$3,039,386	\$3,199,140
7	\$162,949	\$0	\$1,576,627	\$400,000	\$1,013,546	\$2,990,174	\$3,153,122
8	\$166,208	\$0	\$1,608,160	\$300,000	\$1,033,817	\$2,941,977	\$3,108,185
9	\$169,532	\$0	\$1,640,323	\$200,000	\$1,054,493	\$2,894,817	\$3,064,349
10	\$172,923	\$0	\$1,673,130	\$200,000	\$1,075,583	\$2,948,713	\$3,121,636

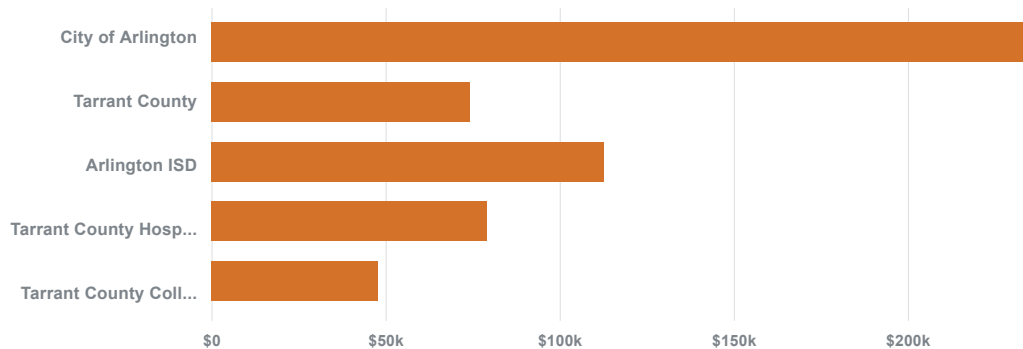
Fiscal Impact Overview

The Project will generate additional benefits and costs, a summary of which is provided below. The source of specific benefits and costs are provided in greater detail for each taxing district on subsequent pages.

FISCAL NET BENEFITS OVER THE NEXT 10 YEARS				
	BENEFITS	COSTS	NET BENEFITS	PRESENT VALUE*
City of Arlington	\$497,726	(\$260,781)	\$236,945	\$181,440
Tarrant County	\$109,934	(\$35,744)	\$74,190	\$57,558
Arlington ISD	\$608,125	(\$495,444)	\$112,681	\$87,163
Tarrant County Hospital	\$79,002	\$0	\$79,002	\$61,055
Tarrant County College	\$47,899	\$0	\$47,899	\$37,017
Total	\$1,342,686	(\$791,969)	\$550,717	\$424,234

*The Present Value of Net Benefits expresses the future stream of net benefits received over several years as a single value in today's dollars. Today's dollar and a dollar to be received at differing times in the future are not comparable because of the time value of money. The time value of money is the interest rate or each taxing entity's discount rate. This analysis uses a discount rate of 5.0% to make the dollars comparable.

Net Benefits Over the Next 10 Years



Public Support Overview

A summary of the total Public Support under consideration for the Project is shown below.

VALUE OF PUBLIC SUPPORT UNDER CONSIDERATION			
	PROPERTY TAX INCENTIVE	NON-TAX INCENTIVE	TOTAL
City of Arlington	\$46,249	\$75,000	\$121,249
Tarrant County	\$0	\$0	\$0
Arlington ISD	\$0	\$0	\$0
Tarrant County Hospital	\$0	\$0	\$0
Tarrant County College	\$0	\$0	\$0
Total	\$46,249	\$75,000	\$121,249

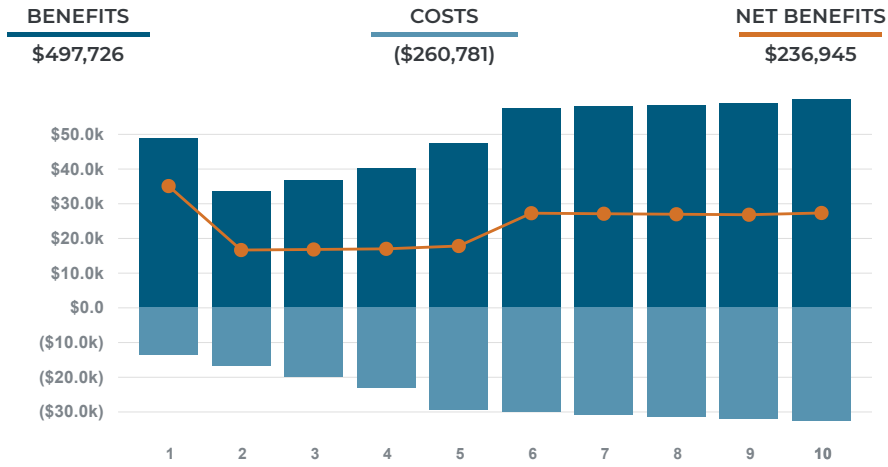
City of Arlington Fiscal Impact

The table below displays the estimated additional benefits, costs, and net benefits to be received by City of Arlington over the next 10 years of the Project.

NET BENEFITS OVER 10 YEARS: CITY OF ARLINGTON			
BENEFITS	PROJECT	WORKERS	TOTAL
Sales Taxes	\$27,356	\$38,296	\$65,652
Real Property Taxes*	\$51,063	\$0	\$51,063
FF&E Property Taxes	\$35,549	\$0	\$35,549
Inventory Property Taxes	\$62,558	\$0	\$62,558
New Residential Property Taxes	\$0	\$8,742	\$8,742
Building Permits and Fees	\$7,500	\$0	\$7,500
Utility Revenue	\$118,967	\$46,935	\$165,902
Utility Franchise Fees	\$33,311	\$13,049	\$46,359
Miscellaneous Taxes and User Fees	\$39,021	\$15,379	\$54,400
Benefits Subtotal	\$375,325	\$122,401	\$497,726
COSTS	PROJECT	WORKERS	TOTAL
Cost of Utility Services	(\$118,015)	(\$46,603)	(\$164,618)
Cost of Government Services	(\$69,001)	(\$27,163)	(\$96,163)
Costs Subtotal	(\$187,016)	(\$73,765)	(\$260,781)
Net Benefits	\$188,309	\$48,636	\$236,945

*Excludes Property Tax Rebate valued at \$46,249

Annual Fiscal Net Benefits for City of Arlington

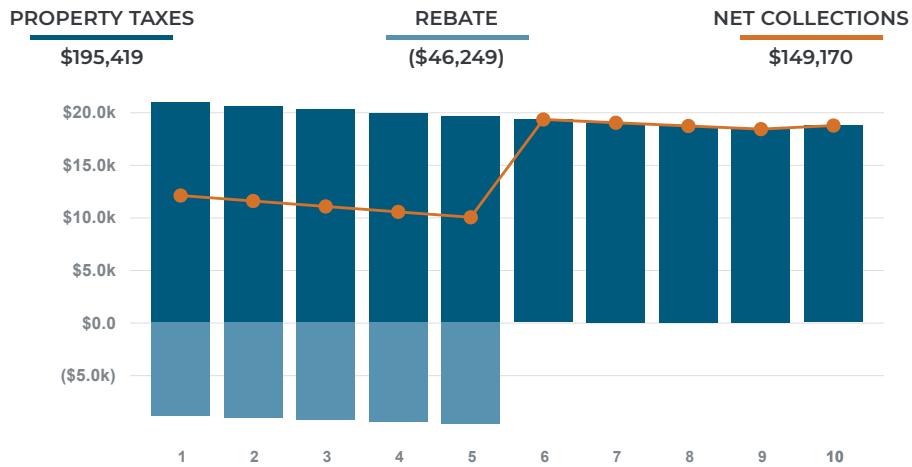


City of Arlington Public Support

Tax Incentives

City of Arlington is considering the following tax incentives for the Project.

Property Tax Analysis for City of Arlington

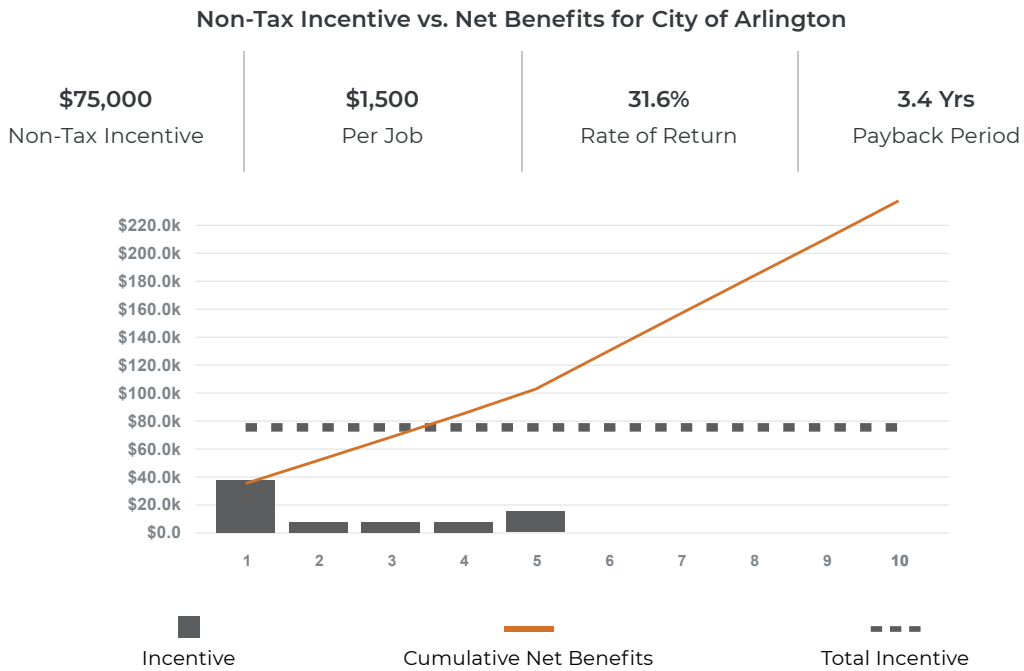


Non-Tax Incentives

City of Arlington is considering the following non-tax incentives for the Project.

NON-TAX INCENTIVES UNDER CONSIDERATION	
YEAR	NON-TAX INCENTIVE
1	\$37,500
2	\$7,500
3	\$7,500
4	\$7,500
5	\$15,000
Total	\$75,000

The graph below depicts the non-tax incentives currently under consideration versus the cumulative net benefits to City of Arlington. The intersection indicates the length of time until the incentives are paid back.

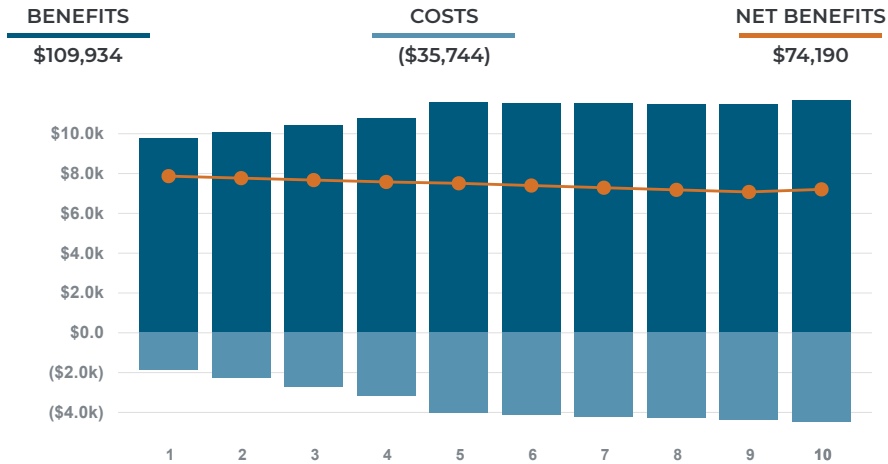


Tarrant County Fiscal Impact

The table below displays the estimated additional benefits, costs, and net benefits to be received by Tarrant County over the next 10 years of the Project.

NET BENEFITS OVER 10 YEARS: TARRANT COUNTY			
BENEFITS	PROJECT	WORKERS	TOTAL
Real Property Taxes	\$35,871	\$0	\$35,871
FF&E Property Taxes	\$13,104	\$0	\$13,104
Inventory Property Taxes	\$23,060	\$0	\$23,060
New Residential Property Taxes	\$0	\$10,336	\$10,336
Miscellaneous Taxes and User Fees	\$12,848	\$14,714	\$27,562
Benefits Subtotal	\$84,884	\$25,050	\$109,934
COSTS	PROJECT	WORKERS	TOTAL
Cost of Government Services	(\$16,655)	(\$19,088)	(\$35,744)
Costs Subtotal	(\$16,655)	(\$19,088)	(\$35,744)
Net Benefits	\$68,228	\$5,962	\$74,190

Annual Fiscal Net Benefits for Tarrant County

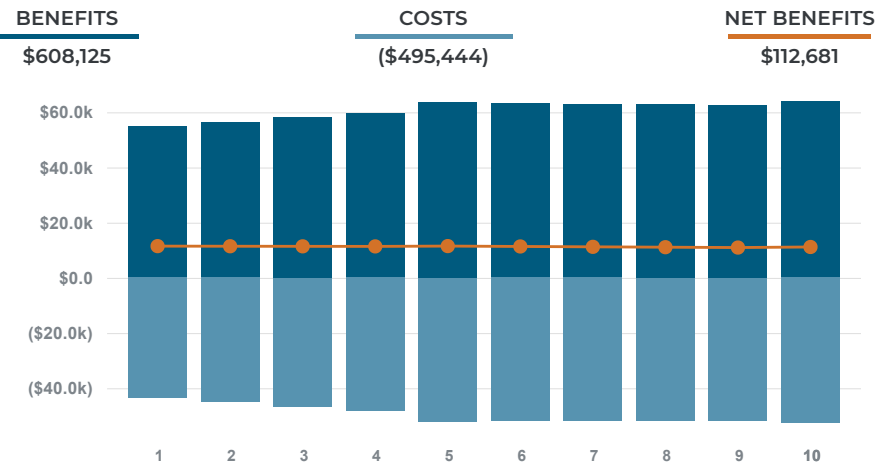


Arlington ISD Fiscal Impact

The table below displays the estimated additional benefits, costs, and net benefits to be received by Arlington ISD over the next 10 years of the Project.

NET BENEFITS OVER 10 YEARS: ARLINGTON ISD			
BENEFITS	PROJECT	WORKERS	TOTAL
Real Property Taxes	\$209,812	\$0	\$209,812
FF&E Property Taxes	\$76,646	\$0	\$76,646
Inventory Property Taxes	\$134,879	\$0	\$134,879
New Residential Property Taxes	\$0	\$23,053	\$23,053
Addtl. State & Federal School Funding	\$0	\$163,736	\$163,736
Benefits Subtotal	\$421,336	\$186,789	\$608,125
COSTS	PROJECT	WORKERS	TOTAL
Cost to Educate New Students	\$0	(\$157,708)	(\$157,708)
Reduction in State School Funding	(\$320,216)	(\$17,521)	(\$337,736)
Costs Subtotal	(\$320,216)	(\$175,229)	(\$495,444)
Net Benefits	\$101,121	\$11,561	\$112,681

Annual Fiscal Net Benefits for Arlington ISD



Tarrant County Hospital Fiscal Impact

The table below displays the estimated additional benefits, costs, and net benefits to be received by Tarrant County Hospital over the next 10 years of the Project.

NET BENEFITS OVER 10 YEARS: TARRANT COUNTY HOSPITAL			
BENEFITS	PROJECT	WORKERS	TOTAL
Real Property Taxes	\$34,404	\$0	\$34,404
FF&E Property Taxes	\$12,568	\$0	\$12,568
Inventory Property Taxes	\$22,117	\$0	\$22,117
New Residential Property Taxes	\$0	\$9,913	\$9,913
Benefits Subtotal	\$69,089	\$9,913	\$79,002
COSTS	PROJECT	WORKERS	TOTAL
None Estimated	\$0	\$0	\$0
Costs Subtotal	\$0	\$0	\$0
Net Benefits	\$69,089	\$9,913	\$79,002

Annual Fiscal Net Benefits for Tarrant County Hospital



Tarrant County College Fiscal Impact

The table below displays the estimated additional benefits, costs, and net benefits to be received by Tarrant County College over the next 10 years of the Project.

NET BENEFITS OVER 10 YEARS: TARRANT COUNTY COLLEGE			
BENEFITS	PROJECT	WORKERS	TOTAL
Real Property Taxes	\$20,859	\$0	\$20,859
FF&E Property Taxes	\$7,620	\$0	\$7,620
Inventory Property Taxes	\$13,409	\$0	\$13,409
New Residential Property Taxes	\$0	\$6,010	\$6,010
Benefits Subtotal	\$41,888	\$6,010	\$47,899
COSTS	PROJECT	WORKERS	TOTAL
None Estimated	\$0	\$0	\$0
Costs Subtotal	\$0	\$0	\$0
Net Benefits	\$41,888	\$6,010	\$47,899

Annual Fiscal Net Benefits for Tarrant County College



Overview of Methodology

The Impact DashBoard model combines project-specific attributes with community data, tax rates, and assumptions to estimate the economic impact of the Project and the fiscal impact for local taxing districts over a 10-year period.

The economic impact as calculated in this report can be categorized into two main types of impacts. First, the direct economic impacts are the jobs and payroll directly created by the Project. Second, this economic impact analysis calculates the spin-off or indirect and induced impacts that result from the Project. Indirect jobs and salaries are created in new or existing area firms, such as maintenance companies and service firms, that may supply goods and services for the Project. In addition, induced jobs and salaries are created in new or existing local businesses, such as retail stores, gas stations, banks, restaurants, and service companies that may supply goods and services to new workers and their families.

The economic impact estimates in this report are based on the Regional Input-Output Modeling System (RIMS II), a widely used regional input-output model developed by the U. S. Department of Commerce, Bureau of Economic Analysis. The RIMS II model is a standard tool used to estimate regional economic impacts. The economic impacts estimated using the RIMS II model are generally recognized as reasonable and plausible assuming the data input into the model is accurate or based on reasonable assumptions. Impact DataSource utilizes adjusted county-level multipliers to estimate the impact occurring at the sub-county level.

Two types of regional economic multipliers were used in this analysis: an employment multiplier and an earnings multiplier. An employment multiplier was used to estimate the number of indirect and induced jobs created or supported in the area. An earnings multiplier was used to estimate the amount of salaries to be paid to workers in these new indirect and induced jobs. The employment multiplier shows the estimated number of total jobs created for each direct job. The earnings multiplier shows the estimated amount of total salaries paid to these workers for every dollar paid to a direct worker. The multipliers used in this analysis are listed below:

321211 HARDWOOD VENEER AND PLYWOOD MANUFACTURING		CITY OF ARLINGTON
Employment Multiplier	(Type II Direct Effect)	1.7361
Earnings Multiplier	(Type II Direct Effect)	1.7251

Most of the revenues estimated in this study result from calculations relying on (1) attributes of the Project, (2) assumptions to derive the value of associated taxable property or sales, and (3) local tax rates. In some cases, revenues are estimated on a per new household, per new worker, or per new school student basis.

The company or Project developer was not asked, nor could reasonably provide data for calculating some other revenues. For example, while the city will likely receive revenues from fines paid on speeding tickets given to new workers, the company does not know the propensity of its workers to speed. Therefore, some revenues are calculated using an average revenue approach.

This approach uses relies on two assumptions:

1. The taxing entity has two general revenue sources: revenues from residents and revenues from businesses.
2. The taxing entity will collect (a) about the same amount of miscellaneous taxes and user fees from each new household that results from the Project as it currently collects from existing households on average, and (b) the same amount of miscellaneous taxes and user fees from the new business (on a per worker basis) will be collected as it collects from existing businesses.

In the case of the school district, some additional state and federal revenues are estimated on a per new school student basis consistent with historical funding levels.

Additionally, this analysis sought to estimate the additional expenditures faced by local jurisdictions to provide services to new households and new businesses. A marginal cost approach was used to calculate these additional costs.

This approach relies on two assumptions:

1. The taxing entity spends money on services for two general groups: revenues from residents and revenues from businesses.
2. The taxing entity will spend slightly less than its current average cost to provide local government services (police, fire, EMS, etc.) to (a) new residents and (b) businesses on a per worker basis.

In the case of the school district, the marginal cost to educate new students was estimated based on a portion of the school's current expenditures per student and applied to the headcount of new school students resulting from the Project.

Additionally, this analysis seeks to calculate the impact on the school district's finances from the Project by generally, and at a summary level, mimicking the district's school funding formula.

According to the Texas Education Agency, any property added to local tax rolls, and the local taxes that this generates, reduces the amount of state funding equivalent to local taxes collected for maintenance and operations. The school district retains local taxes received for debt services and the corresponding state funding is not reduced.

However, according to the Texas Education Agency, the school district will receive state aid for each new child that moves to the District. The additional revenues for the school district are calculated in this analysis.