



## Economic Impact Analysis Summary 2004-2008 – Defiance County, Ohio\*

The following summarizes how economic development successes realized between 2004-2008 have positively impacted the economy of Defiance County, Ohio. The totals reflect data received by Defiance County Economic Development. All positions are classified as “miscellaneous manufacturing.” In this report, the following table represents how the real estate demand and school enrollment figures represent the combined impacts of the direct, indirect, and induced jobs as evidenced by new, or retained jobs.

Wage Level	Direct Jobs	Total Direct Payroll	Indirect (Supplier) Jobs	Induced (Consumer) Jobs	Total Jobs	Total Economic Output	Real Estate Demand (S.f.)	K-12 School Enrollment	Supported Population*
\$38,984	824	\$32,123,075	114	262	1,200	\$367,846,061	638,791	476	2,568

The following Table Represents **additional** non-residential real estate demand will be generated by the project annually (in square footage). Housing units are not reflective in total square footage requirements.

Real Estate Demand	Hotel	Retail	Office	Industrial	Hospital	Utilities	Government	Schools	Other	Housing Units
638,791	11,177	32,276	58,937	522,273	2,405	214	4,033	5,794	2,222	760

The following represents the total household annual spending generated by the direct, indirect, and induced of the cumulative impacts (2004-2008):

Spending Type	Annual Amount		Spending Type	Annual Amount
Shelter	\$6,776,087		Reading Material	\$120,505
Utilities, Fuels, Public Services	\$2,676,280		Tobacco Products and Smoking Supplies	\$372,002
Household Operations	\$531,178		Health Insurance	\$1,235,508
Housekeeping Supplies	\$507,093		Medical Services	\$603,899
Food at Home	\$3,011,255		Drugs & Supplies	\$577,594
Food Away From Home	\$2,106,949		Fees and Admissions	\$369,162
Alcoholic Beverages	\$383,288		Supplies, Equipment & Services	\$337,442
Vehicle Purchases (Net Outlay)	\$3,477,482		Personal Care Products & Services	\$496,561
Gasoline and Motor Oil	\$1,381,824		Education	\$391,967
Vehicle Finance Charges	\$382,933		Personal Insurance and Pensions	\$3,744,666
Vehicle Maintenance & Repairs	\$637,621		Cash Contributions	\$1,007,801
Vehicle Insurance	\$912,863		Miscellaneous	\$633,983
Vehicle Rental, Leases, Licenses, etc.	\$392,709			
Public Transportation	\$268,549		<b>Total Annual Household Spending</b>	\$37,241,654
Household Furnishings	\$1,155,522			
Major Appliances	\$200,889			
Televisions and Home Electronics	\$721,767			
Apparel	\$1,442,065			
Pets, Toys, and Playground Equipment	\$404,213			
*Source: Applied Economics – Regional Project Assessment System / IMPLAN –Resource Development Group - February 16, 2009				

## **Methodology & Definitions**

In the economic development arena, an economic impact analysis measures the organization's total economic effect on the region. The analysis is based on the application of IMPLAN input-output model which is highly respected and the most widely utilized economic impact model throughout the United States. The IMPLAN model calculates quantifiable impacts based on the connections between job creation, job retention and capital investment in the region. The results derived by the IMPLAN model is an output which is calculated for each specific region (in this case Defiance County, Ohio).

The economic impact of the job creation and retention activities contained was calculated for Defiance County Economic Development on the IMPLAN model. The model is used to estimate the economic impact of economic changes within a given area. The input-output accounts show how industries interact and specifically how they provide input to, and use output from, each other to produce gross domestic product.

The model captures the recycling of local dollars and income - **the "multiplier effect"**—which reflects how much *indirect and induced* employment, payroll, and output (business activity) will result after the initial spending or investment has occurred. Leakage of dollars and income out of the county, via taxes or non-local spending, reduces the size of the multiplier effect and reduces the potential size of the local economy. The model captures:

**Direct impacts-** the numbers resulting directly from the jobs created and retained with the assistance of Defiance County Economic Development.

**Indirect impact-** the changes in employment, income, and output (business sales) in various industry sectors of the local economy that supply goods and services to the companies that have expanded.

The **induced impact** - the increased sales from household spending of the income earned on various supporting industry sectors of the local economy.

The figures represented are cumulative, based on economic development activities influenced by Defiance County Economic Development between 2004-2008.