

Agricultural Impacts in Marathon County
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During the good economic conditions in the 1990's, the total industrial output (TIO) or industry sales grew to \$8,300,820,804 by 2000 (Table 1). Compared to 1990 economic data, the total industrial output grew by about 260 percent in 10 years. The total employment in the county grew to 85,924 jobs. The total value added (TVA) or total income (salary, wages and profits paid to labor) grew to \$4,018,652,096. Manufacturing is the largest sector of Marathon County's economy.

Table 1: Marathon County Economic Data - 2000

	Total Industrial Output (TIO) [Industry Sales] \$	Employment (Jobs) Number	Total Value Added (TVA) [Total Income] \$
Agriculture	276,537,371	4,532	49,356,777
Ag Processing	533,500,000	1,346	110,500,000
Manufacturing	2,956,380,039	19,246	1,092,155,907
Mining	13,268,476	124	8,283,532
Construction	643,135,086	5,386	250,273,857
TCPU	443,065,708	3,736	190,825,845
Trade	1,018,042,379	20,078	715,022,430
FIRE	1,109,086,365	7,205	710,523,119
Services	933,462,022	16,432	562,121,703
Government	374,343,358	7,839	329,588,926
Total	8,300,820,804	85,924	4,018,652,096

TCPU - transportation, communications, and public utilities

FIRE - financial, insurance, and real estate

As the economy grew in the 1990's, the on-farm agriculture and agricultural processing share of the total economy decreased. On-farm agriculture (farms, greenhouse, horticulture, forestry, and fishing) accounts for a TIO of \$276,537,371; an employment of 4,532 jobs; and a TVA of \$49,356,777. Agricultural processing (cheese, condensed milk, fluid milk, value-added, and meats) accounts for a TIO of \$533,500,000; an employment of 1,346 jobs; and a TVA of \$110,500,000. When on-farm agriculture and agricultural processing are combined, they account of 9.7% of Marathon County's TIO, 6.9% of the employment, and 3.9% of the TVA.

An assessment of the on-farm impacts on the economy in Marathon County illustrates the many positive effects it has on other economic sectors (Table 2). In this assessment, on-farm agriculture does not include greenhouse, horticulture, forestry, and fishing. There are three impact effects that are examined.

The “initial” effect is the farm enterprises themselves. It accounts for a TIO of \$263,646,000; 3,968 jobs; and a TVA of \$34,741,948.

Table 2: Initial, Indirect, and Induced Impact Assessment of On-Farm Agriculture

	Total Industrial		Total Value Added
	Output (TIO)	Employment	(TVA)
	[Industry Sales]	(Jobs)	[Total Income]
	\$	Number	\$
Initial	263,646,000	3,968	34,741,948
Indirect	64,579,129	652	37,329,432
Induced	21,301,280	322	13,350,623
Total	349,526,409	4,942	85,422,003
Implicit Multiplier	1.326	1.245	2.459
Percent of County Total	4.20%	5.80%	2.10%

The “indirect” effects are the multiplier affects that are associated with non-labor related expenditures including the purchases and use of fuels, feed, etc. It accounts for a TIO of \$64,579,129; 652 jobs; and a TVA of \$37,329,432.

The “induced” effects are the multiplier affects that are associated with labor expenditures including wages, salaries, and profits being spent in the county’s economy. It accounts for a TIO of \$21,301,280; 322 jobs; and a TVA of \$13,350,623.

The largest indirect and induced impacts that on-farm agriculture has on other industries are in trade, FIRE (financial, insurance, and real estate), TCPU (transportation, communications, and public utilities) and services sectors. These four sectors comprise 82.3%, 86.6%, and 87.0% of the indirect and induced TIO, employment, and TVA, respectively.

The total on-farm impact in Marathon County is a TIO of \$349,526,409; 4,942 jobs; and a TVA of \$85,422,003. On a percentage basis, this represents 4.2%, 5.8%, and 2.1%, respectively, of the county’s TIO, employment, and TVA.

On-farm agriculture in Marathon County pays state and local taxes (K-12 excluded) of \$3,448,541 in property taxes; \$2,837,707 in sales taxes; \$1,856,103 in income taxes; and \$1,904,754 in other revenues. These taxes total \$10,047,105 annually.

Data Compiled by:

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