

EMPLOYMENT AND INCOME IMPACTS OF LAWN AND GARDEN EQUIPMENT
MANUFACTURING IN MISSISSIPPI IN THE YEARS 2001-2014
HORTICULTURE ECONOMICS WORKING PAPER



Benedict C. Posadas, Ph.D
Associate Extension Research Professor of Economics
Mississippi State University
Mississippi Agricultural and Forestry Experiment Station
Coastal Research and Extension Center
Website: <http://coastal.msstate.edu/impactgreen.html>

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This working paper presents the long-term trends in the number of jobs created and estimates the most recent total employment and income impacts generated by the Mississippi Lawn and Garden Tractor and Home Lawn and Garden Equipment Manufacturing industry. The Lawn and Garden Tractor and Home Lawn and Garden Equipment Manufacturing industry as defined by NAICS (2014) code 333112 comprises establishments primarily engaged in manufacturing powered lawnmowers, lawn and garden tractors, and other home lawn and garden equipment, such as tillers, shredders, yard vacuums, and leaf blowers.

Employment impacts are expressed in terms of a mix of both full-time and part-time jobs. Labor income includes personal income such as wages and salaries and proprietors' income or income from self-employment. The total economic impact is the sum of direct, indirect and induced impacts. Direct impacts express the economic impacts in the sector in which the expenditure was initially made. Indirect impacts result from changes in economic activity of other industrial sectors which supply goods or services to the sector being evaluated. Induced impacts are the result of personal consumption expenditures by industry employees.

The annual trends in the number of workers directly employed in the Mississippi Lawn and Garden Tractor and Home Lawn and Garden Equipment Manufacturing industry are shown in Figure 1. The number of jobs provided by the industry showed an upward trend since 2003 when it hit lowest at **583** jobs. The total number of workers and proprietors employed in the industry in 2014 reached **803** jobs which represent about **5.1** percent of the national total in the industry. The average state earnings in this industry in 2014 were **\$48,998** as compared to the national earnings averaging **\$46,414**. As calculated by using EMSI (2014), the total employment and income impacts of this industry were **1,551** jobs and **\$65.88** million in the year 2012, respectively.

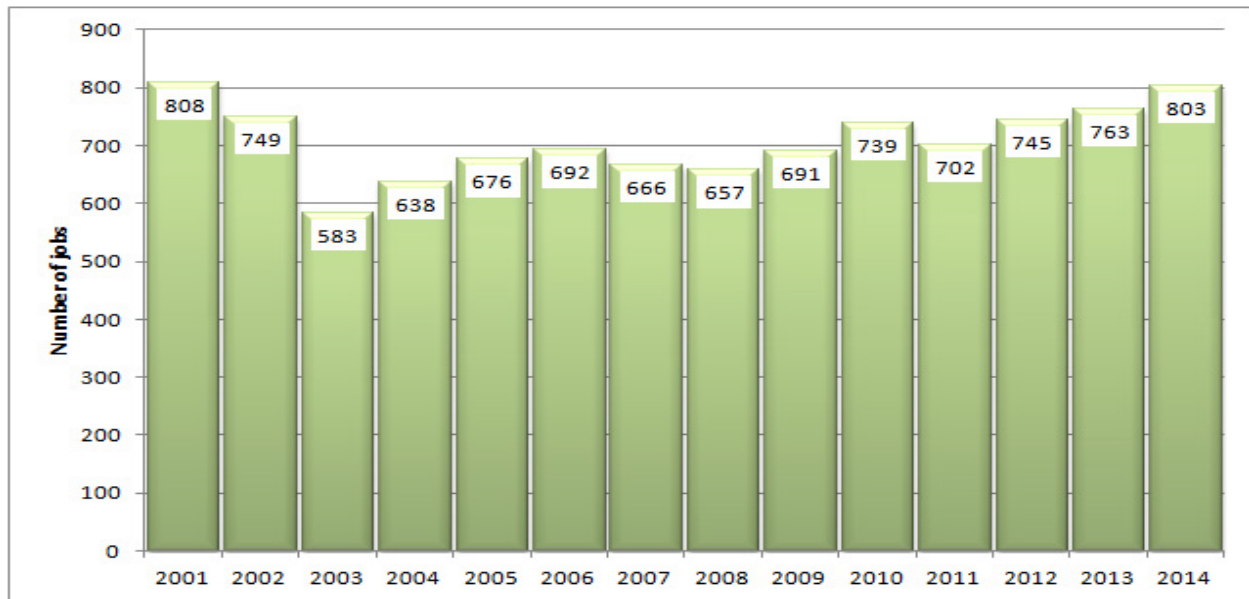


Figure 1. Direct employment impacts of the Mississippi lawn and garden equipment manufacturing. Source of raw data: EMSI (2013).

REFERENCES

EMSI. 2013. Economic Modeling Specialists, Inc. <<https://west.economicmodeling.com>>. Last accessed: July 10, 2014.

MIG. IMPLAN Version 3.0 Software: Impact Analysis for Planning. Hudson, Wisconsin.

NAICS. North American Industry Classification System.

<https://www.census.gov/eos/www/naics/>. Last Accessed: July 10, 2014.

NAICS. North American Industry Classification System.

<https://www.census.gov/eos/www/naics/>. Last accessed: July 10, 2014.

Posadas, B.C. 2013. Five-Year Baseline Economic Information of the Mississippi Green Industry in the Years 2008-2012. Working Paper, Mississippi State University, Coastal Research and Extension Center, Biloxi, Mississippi.

<<http://coastal.msstate.edu/impactgreen.html>>. Last accessed: July 10, 2014.