

FE621

**Profile and Economic Impacts of Agriculture and Natural Resource Industries  
in the South Region of Florida**

M. Rahmani, A.W. Hodges, and W.D. Mulkey

**University of Florida/Institute of Food and Agricultural Sciences  
Food and Resource Economics Department  
P.O. Box 110240, Gainesville, FL 32611-0240  
Ph. (352)392-1881 X 315 or 312, Fax (352)392-3646  
Email: [rahmani@ufl.edu](mailto:rahmani@ufl.edu) or [awhodges@ufl.edu](mailto:awhodges@ufl.edu)**



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## Executive Summary

This report provides a profile of agricultural and natural resource industries and an overview of their economic impacts for a 10-county region in south Florida based on data from the IMPLAN Pro database for Florida counties for 2002 and data from the 2002 Census of Agriculture. Descriptive data include farm characteristics (number, distribution, farm land use, and investment in land and buildings); value of agricultural products; and measures of economic impacts such as output, value-added, and employment. Where possible, changes during the 1997-2002 period are highlighted. Additional reports are available for other major regions of Florida.

In 2002, the south region of Florida had over 6,000 farms and over 2.3 million acres of farmland with an estimated asset value of land and buildings close to \$7.8 billion. Fruit and tree farming along with greenhouse, nursery, and floriculture dominated the farm numbers in the south region. Major areas of agricultural activities in the south region included nursery, greenhouse, and sod; vegetables, melons, and potatoes; fruits, tree nuts, and berries; and livestock, poultry, milk and dairy products. The market value of agricultural products sold in the south region exceeded \$2.3 billion in 2002, where the value nursery, greenhouse, and sod sector (\$783 million) constituted the highest portion (34 percent). Net farm cash income from farm operations exceeded \$820 million for all farms in the south region for the same period. Miami-Dade County had the highest farm numbers, Hendry County had the highest farm acreage and estimated asset value of land and buildings, and Palm Beach County had the highest value of all agricultural products sold in the south region. Changes in the south region during the 1997-2002 period included a 4 percent increase in the number of farms and an 11 percent decrease in farm acreage. However, the market value of all agricultural products sold increased 4 percent between the two census periods. The value of fruits, tree nuts, and berries increased 29 percent, while the value of livestock, poultry, and their products decreased 3 percent during the 1997-2002 period.

The total economic impact for all agriculture and natural resource industries in the south region exceeded \$12 billion in output in 2002. The forestry, wood, and paper products industry was the largest sector, contributing \$4 billion in total output impacts (over 33 percent) in the south region. Over 103,000 full- and part-time jobs were generated by agricultural and natural resource industries in the south region. Forestry, wood, and paper products (the dominant industry group) produced over 26,000 jobs and accounted for over 26 percent of total employment impacts for all industry groups in the south region. The total value-added impacts of agricultural and natural resource industries exceeded \$5.8 billion in 2002. Once again, the forestry, wood and paper products industry group with \$1.7 billion in value-added impacts accounted for over 28 percent of the total value-added impacts (the highest for the south region). In terms of economic impacts, Miami-Dade County had the highest output impacts, employment impacts, and value-added impacts in the south region of Florida.



**Figure 1. Study area in the southern region of Florida: Broward, Charlotte, Collier, Miami-Dade, Glades, Hendry, Lee, Martin, Monroe, and Palm Beach Counties.**

## **Introduction**

This report provides a profile of agriculture and natural resource industries and an overview of their economic impacts for a ten county region in southern Florida (Figure 1). Additional reports provide similar information for the central, northeast, northwest, and Suwannee River basin areas of the state. The report is based on data from the IMPLAN Pro database for Florida counties for 2002 and data from the 2002 Census of Agriculture.<sup>1</sup>

The IMPLAN Pro Economic Impact and Social Accounting software package, licensed to the University of Florida by the Minnesota IMPLAN Group, Inc., was used to generate multipliers for output, employment, and value added for each agricultural and natural resource sector of the regional economy to allow a more comprehensive assessment of impacts. In addition to direct sales of the industries in question, IMPLAN multipliers capture inter-industry purchases (indirect effects) and employee household spending (induced effects). Regional IMPLAN models were constructed for each county using the county-level database provided with the IMPLAN software. No attempt was made to adjust for particular local conditions, and the analysis focused only on economic impacts resulting from operating revenues and employment created by agricultural and natural resource industries.

Data from the 2002 Census of Agriculture<sup>2</sup> were used to augment the economic impact analysis and to allow for a detailed description of agricultural and natural resource industries for counties in the region. The 2002 Census of Agriculture, conducted by the National Agricultural Statistics Service of the U.S. Department of Agriculture, provides information at the county level on farm numbers; land use; operator characteristics; the market values of land, buildings, and machinery; crop and livestock sales; farm expenses; and income from federal programs.

### **Farm Characteristics by County**

#### **Farm Numbers (North American Industry Classification System)**

There were more than 6,100 farms in the south region of Florida in 2002, accounting for 14 percent of all farms in the state (Table 1). Fruit and nut tree farming constituted the largest number of farms (1,764), or more than 29 percent of all farms in this region. Nursery and greenhouse ranked second (1,499 farms, or 24 percent), while beef cattle ranching and farming (1,160 farms) ranked third. The south region showed a high number of farms (1,111) in aquaculture and other animal production. Miami-Dade County with 2,244 farms had the highest farm numbers in the south region (36 percent of all farms in the region). Palm Beach County had more than 1,100 and Lee County had more than 640 farms.

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<sup>1</sup> IMPLAN Professional, Social Accounting & Impact Analysis Software, 2<sup>nd</sup> Edition, June 2000, Minnesota IMPLAN Group, Inc., 1725 Tower Drive West, Suite 140, Stillwater, Minnesota 55082, [www.implan.com](http://www.implan.com)

<sup>2</sup> 2002 Census of Agriculture, Florida, State and County Data, Volume 1, Geographic Area Series, Part 9, AC-02-A-9, Issued June 2004, National Agricultural Statistics Service, U.S. Department of Agriculture.

Farm numbers noted are based on the definition of a farm used by the 2002 Census of Agriculture: “any place from which \$1,000 or more of agricultural products were produced and sold, or normally would have been sold, during the census year.” This definition was first used for the 1974 Census of Agriculture and has remained consistent since so that data are comparable across time periods.

### **Farm Size Distribution, Investment in Land, Buildings, and Machinery**

The south region had over 2,315,000 acres of farmland, accounting for 22 percent of total farming acreage for Florida (Table 2). Hendry County had the largest farm acreage (over 552,000 acres, or 24 percent of all farmland in the region) and Palm Beach County ranked second in the region (over 535,000 acres, or 23 percent of the regional total). The largest average size farms were in Glades County (1,766 acres per farm), followed by Hendry County (1,211 acres per farm). An average farm size of less than 100 acres was reported for Broward, Miami-Dade, and Monroe Counties).

The estimated asset value of land and buildings for the south region was close to \$7.8 billion, accounting for 27 percent of total value for all of Florida and for an average value of over \$1.5 million per farm in the region. Across the region, Hendry County had the highest value for land and buildings (\$2.1 billion), while Palm Beach County had the second highest total (\$1.8 billion). The average value of land and building per farm ranged from close to \$105,000 in Monroe County upwards to more than \$4.5 million in Hendry County.

For the region as a whole, the total number of farms increased by 4 percent, while total farm acreage decreased by 11 percent during the 1997-2002 period. Not all counties, however, followed the regional patterns of change. The number of farms reported in Miami-Dade County increased by 19 percent between the two census periods, and smaller percentage increases in farm numbers were reported in Broward and Monroe Counties. Farm numbers remained almost unchanged in Palm Beach and Martin Counties and decreased in all other counties in the region. The number of farms reported in Lee and Hendry Counties decreased 11 and 10 percent, respectively.

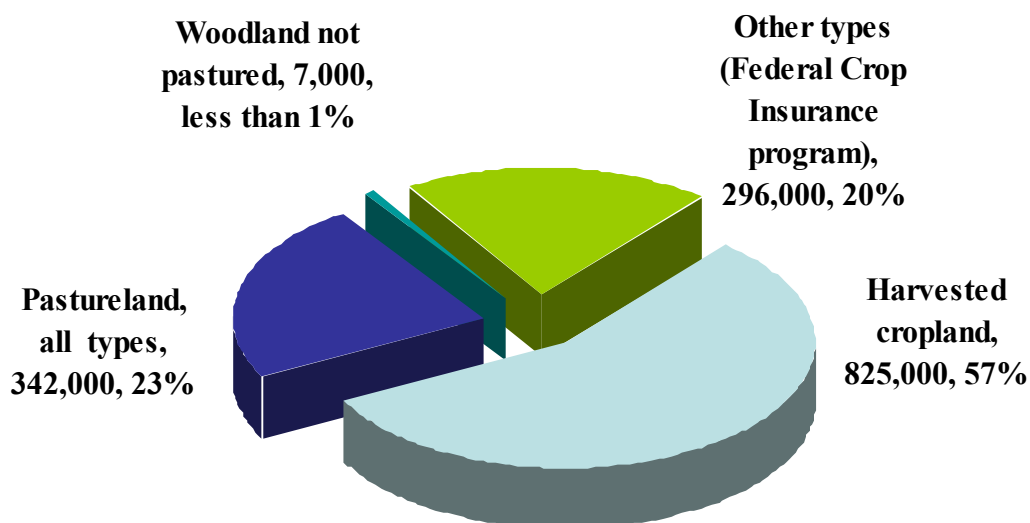
Farm numbers, however, do not always tell the entire story relative to changes in agriculture at the county level. The 19 percent increase in farm numbers in Miami-Dade County was associated with an 11 percent decrease in average farm acreage (40 acres per farm, the second lowest in the region) during the 1977-2002 period. In Miami-Dade County, about 94 percent of farms were in the less than 100 acre category, and less than 1 percent of farms were in the 500 acres or more category. While the increase in farm numbers (92 percent) in Miami-Dade County came primarily from farms in the 1-49 acres size category (330 out of 357 increase in farm number), there was a 30 percent decrease in the number of farms in the 500 acre and over category. It is likely that farm numbers in Miami-Dade County reflect the popularity of “ranchette” type development in the county. The result is an increase in the number of farms from dividing farmland into smaller parcels.

For the region as a whole, total estimated asset value of land and buildings increased by 13 percent. However, the range of change for counties in the region was far from average. Glades County had the highest increase (130 percent) in the estimated asset value of land and buildings, while the total value of land and buildings decreased in Monroe County by 67 percent.

## Farmland Use

Agricultural lands in the south region of Florida were used mainly for cropland, nursery, greenhouse, floriculture, pasture, rangeland, and woodland. There were close to 1.2 million acres of land used as cropland in the region in 2002. Harvested cropland constituted 69 of the total cropland (Figure 2). Nursery, greenhouse, and floriculture included more than 116 million square feet under glass or other protection plus almost 32,000 acres in the open. More than 342,000 acres were under all types of pasture, and there were 179,000 acres in farm woodland, with 25 percent of it used as pasture. Land enrolled in conservation or Wetlands Reserve Programs and federal or other crop insurance programs represented a total of 296,000 acres (Tables 3A & 3B).

Palm Beach County with 481,000 acres ranked first in cropland acreage, followed by Hendry County with 296,000 acres. Together, Palm Beach and Hendry Counties accounted for more than 65 percent of all cropland acreage in the region. Miami-Dade County was by far the largest for nursery, greenhouse, and floriculture, with more than 87 million square feet under glass or other protection (75 percent of the region total for this category), and over 10,000 acres in the open (39 percent of the region total) in 2002.



**Figure 2. Land use in the south region of Florida by acres and percent of total**

For the south region as a whole, the reported cropland acreage increased by 11 percent, while harvested cropland decreased by 10 percent and all types of pastureland acreage decreased by 28 percent during the 1997-2002 period. There was, however, significant variation across the region. Reported cropland acreage in 3 counties decreased, while four counties increased in the range of 31 to 81 percent. The 81 percent increase in cropland acreage was reported for Glades County.

## **Market Value of Agricultural Products Sold, Production Expenses, and Net Farm Cash Income from Operation**

Table 4 reports the market value of agricultural products (all crops and livestock) sold in the south region of Florida. According to the 2002 Census of Agriculture, “market value of agricultural products sold represents the gross market value before taxes and production expenses of all agricultural products sold or removed from the place in 2002 regardless of who received the payment.” Market value is equivalent to total sales, including the value of any shares received by partners, landlords, contractors, or others associated with the operation, and the value of commodities placed in Commodity Credit Corporation (CCC) loans. The market value of agricultural products sold does not include payments received for participation in other federal farm programs nor income from farm-related sources such as custom-work, other agricultural services, or income from non-farm sources.

The total market value of agricultural products sold in the south region of Florida was reported at \$2.4 billion in 2002 (Table 4), for an average value of more than \$395,000 per farm. Collier County with more than \$980,000 and Broward County with \$100,000 per farm market value of all agricultural products sold registered the highest and the lowest value, respectively. Total farm production expenses exceeded \$1.6 billion, for an average of \$272,478 per farm. Net farm cash income from operations in 2002 was \$821 million for all farms in the region. Net farm cash income from operations was positive for all counties. Palm Beach County registered the highest market value of agricultural products sold in the south region (\$760 million, or 32 percent of the regional total), and also the highest net farm cash income from operation (\$334 million, or 40 percent of the regional total). Miami-Dade County ranked second behind Palm Beach County with \$578 million in market value of agricultural products sold, and registered more than \$153 million in net farm cash income from operations. Hendry County with \$376 million in the market value of agricultural products sold, registered higher net farm cash income (\$156 million) than Miami-Dade County.

Across the region, market values of agricultural products sold increased by 4 percent between the two census periods; however, decreases in total market values were reported in 6 of the 10 counties in the region. Only Miami-Dade, Glades, and Henry Counties registered increases in market value. Palm Beach County reported a 13 percent decrease in the market value of agricultural products sold.

### **Value of Agricultural Products by Commodity Group**

For the south region of Florida, the value of nursery, greenhouse, floriculture, and sod constituted the highest portion of the value of all crops in 2002, amounting to \$784 million, or 34 percent of the regional total for all crops (Table 5). The value of vegetables, melons, and potatoes was the second highest, with more than \$543 million, or 24 percent of the region total for all crops. The value of fruit, tree nuts, and berries ranked third with \$470 million, or 20 percent. The market value of livestock, poultry, and their products along with aquaculture amounted to a total of \$107 million in 2002 (Figure 3). Palm Beach County produced the highest value for vegetables, melons, and potatoes, with \$207 million, or 34 percent of the regional total. The value of nursery, greenhouse, floriculture, and sod products in Miami-Dade County exceeded \$434 million (55 percent of the regional total for this category), while Hendry County with \$196 million (42 percent of the regional total) had the highest value for fruits, tree nuts, and berries.

Trends during 1997-2002 showed a 29 percent increase for the value of fruits, tree nuts, and berries for the region, while the value of all crops, including nursery and greenhouse, increased by 6 percent. Various counties in the region, however, did not follow the overall trend. In Miami-Dade and Glades Counties, the reported value of all crops, including nursery and greenhouse, increased by 39 percent during the 1997-2002 period, while the value for all crops declined by 15 and 14 percent, in Martin and Palm Beach Counties, respectively.

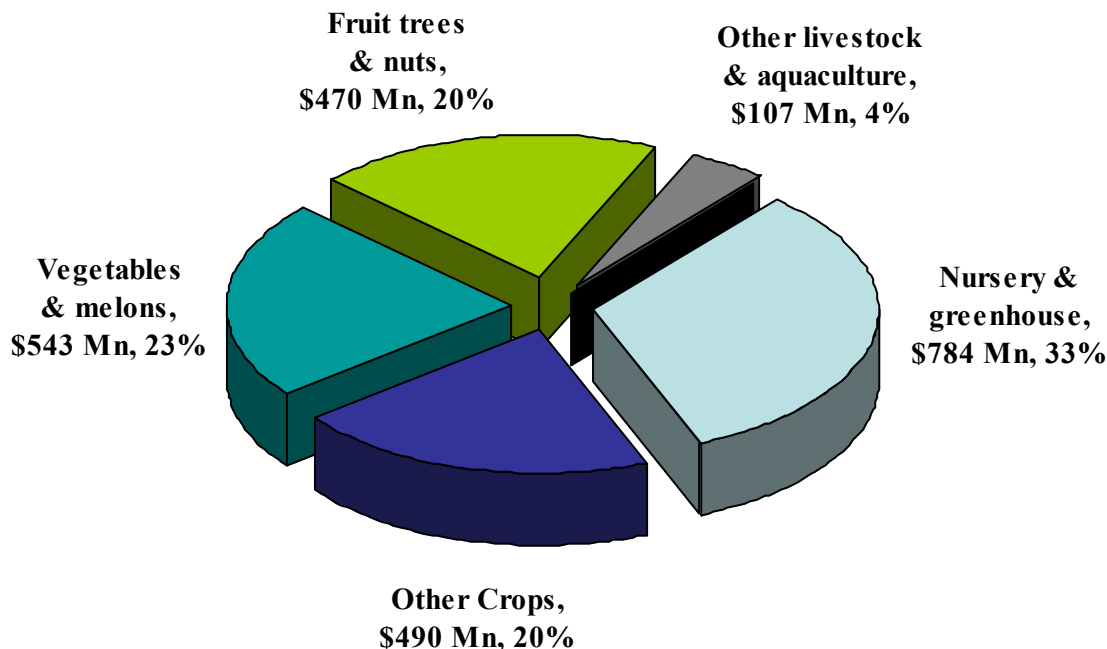


Figure 3. Market value of agricultural products sold in 2002 by commodity group in south region of Florida

### Principal Operator, Business Organization, and Ethnicity

In 2002, there were more than 9,000 farm operators in the south region (31 percent were women). Farming was indicated as the primary occupation by 52 percent of all farm operators (Table 6). Miami-Dade County with more than 3,000 farm operators accounted for 35 percent (the highest number of farm operators in the south region), and the highest number of women operators (979, or 34 percent of the regional total).

Trends during 1997-2002 showed that the number of farmers who reported farming as primary occupation in the south region increased by 13 percent. During the same time period, the number of farms with farming as the primary occupation increased in Martin and Monroe Counties by 39 and 33 percent, respectively.

With respect to the type of business organization, most farms (73 percent) in the south region of Florida were family and individual types of businesses (Table 7). Partnership farms, corporate farms (family or other than family held), cooperatives, estates or trusts, and institutional farms together comprised the remaining 27 percent of the total number of farms. Family held corporation farms exceeded 934,000 acres, and other type of corporate farm acreage was more than 300,000.



The white ethnic group operated most of the farms in the south region of Florida. Other ethnic groups identified as farm operators included Black or African American, Spanish, Hispanic or Latino Origin, American Indian, Alaska Native, Native Hawaiian, other Pacific Islander, and Asian. Whites accounted for 79 percent of all farm operators and operated 90 percent of all farm acreage in the south region (Table 8). Spanish, Hispanic or Latino Origin accounted for 17 percent of all operators in the region with 10 percent of farm acreage. Miami-Dade County had more than 75 percent of the Spanish, Hispanic or Latino Origin farm operators but only 16 percent of this group's farm acreage, while Palm Beach County with only 9 percent of the Spanish, Hispanic or Latino Origin farm operators had more than 60 percent of this group's farm acreage. The contribution of the Black or African American, (American Indian, Alaska Native, Native Hawaiian, other Pacific Islander, and Asian ethnic groups in the south region was very small.

### **Economic Impact Results**

As noted earlier, the IMPLAN software package and associated databases allow the estimation of multipliers to capture the total economic impact of agricultural and natural resource industries within a regional or local economy. This section reports the results of impact estimations for counties in the south region for each of the agricultural sectors within IMPLAN. Again estimates are based only on the IMPLAN data set with no attempt to adjust for particular local situations and the focus is only on impacts of sales and expenditures associated with farm operations and related manufacturing.<sup>3</sup>

For each reported measure (output, value-added and employment) for each county, the impacts reported include the direct output of the agricultural sector in question, the impacts associated with indirect inter-industry purchases of inputs by agriculture and its supplying industries, and the induced impacts of spending by employees and owners of agricultural and supplying industries. Reported impacts include activities within production agriculture, natural resource industry (forestry, mining, and fishing), food and forest products manufacturing, agricultural input supply, and agricultural services. Impacts are also reported in terms of labor income and indirect business taxes.

### **Output Impacts**

Table 9 presents estimates of output impacts for agriculture and natural resource industries by sector and by county for the south region of Florida. The total output impacts for all counties in the south region exceeded \$16 billion. The sugarcane farming, refined sugar, and confections sector was the largest sector, contributing more than \$3.1 billion in total output impacts and accounting for 18 percent of the total in the region. The environmental horticulture (greenhouse/nursery production and landscape services) with about \$3 billion in output impact was the next largest sector in the region. The other food products manufacturing sector with more than \$2.7 billion and fruit and vegetable farming and processing with \$2.3 billion were also major contributors to the output impacts of agriculture and natural resources in the south region.

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<sup>3</sup> Readers desiring more information on IMPLAN should consult Mulkey & Hodges, "Using Implan to Assess Local Economic Impacts," Food and Resource Economics Department, UF/IFAS, 2001, <http://edis.ifas.ufl.edu/FE168>

In terms of total impact, Palm Beach and Miami-Dade Counties were the largest, with \$5.4 billion and \$5.2 billion in output impacts, respectively. Palm Beach and Miami-Dade Counties together contributed more than 62 percent of the total output impacts in the south region. Broward County (\$2.3 billion) ranked second and Hendry County (\$1.2 billion) ranked fourth in output impacts in the south region. Sugarcane farming, refined sugar, and confections with \$2.4 billion in Palm Beach County accounted for 77percent of total output impacts for this sector in the region and 44 percent of the total output impacts for this county. Palm Beach and Miami-Dade Counties produced more than \$924 million and \$911 million in the environmental horticulture (greenhouse/nursery production and landscape services), respectively (the highest in the region). The forestry, wood and paper products manufacturing output impact in Miami-Dade County was close to \$1.2 billion, or 59 percent of the regional total for this sector. Palm Beach County with \$635 million had the highest output impacts in the fruit and vegetable farming and processing sector, followed closely by Collier County with \$611 million. Miami-Dade County with \$1,261 million and Broward County with 975 million together produced 82 percent of the output impacts in the other food product manufacturing sector in the south region. The \$123 million in fishing and seafood products output impacts in Miami-Dade County came mainly from seafood product preparation and packaging. Monroe County with \$48 million ranked second in output impacts in the fishing sector in the south region.

### Employment Impacts

Employment impacts of agriculture and natural resource industries by county and industry group are reported in Table 10. More than 209,000 full- and part-time jobs were generated by agricultural and natural resource industries in the south region of Florida. The environmental horticulture (greenhouse/nursery production and landscape services), one of the major industry groups in the southern region, produced more than 54,000 jobs and accounted for 26 percent of total employment impacts for all industry groups in the south region. The sugarcane farming, refined sugar, and confections sector produced 43,000 jobs, or 20 percent of the regional total. Other major job creating sectors in the region included the agricultural inputs and services sector with more than 37,000 jobs and the fruit and vegetable farming and processing sector with over 24,000 jobs (Figure 4).

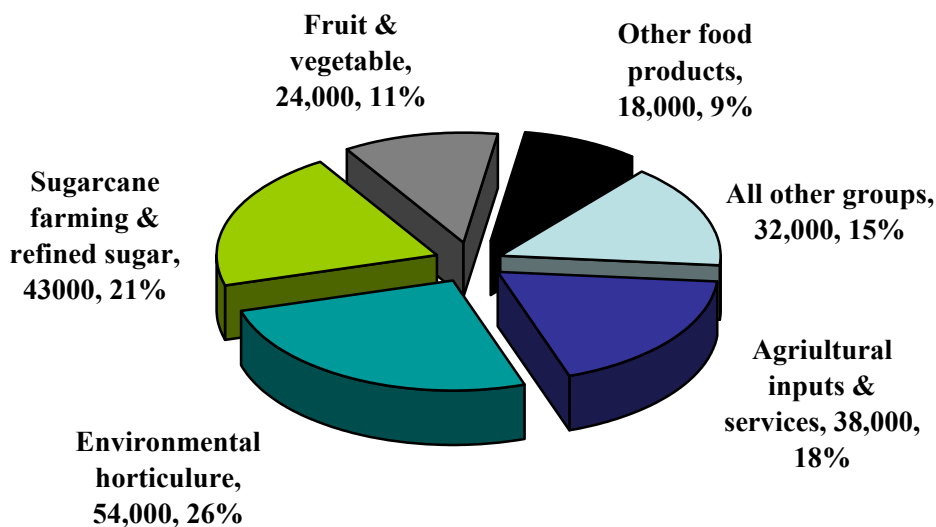


Figure 4. Employment impacts by industry group and the number of jobs in south region of Florida

Palm Beach County dominated most sectors of agriculture and natural resource industries in the south region. With 69,000 jobs, Palm Beach County accounted for 33 percent of all employment impacts in the south region of Florida. Miami-Dade County with more than 52,000 jobs ranked second and Broward County with 29,000 jobs ranked third in the number of jobs produced in the south region. Palm Beach County ranked first due to its dominant sugarcane farming, refined sugar, and confections sector that produced 33,000 jobs, which accounted for almost half of its total employment impacts and 76 percent of all the jobs created in this sector in the region.

### Value-added Impacts

Value-added is the market value of a firm’s output less the value of the inputs which it has purchased from others. It can be viewed as a net economic contribution by the industry sector after direct costs have been subtracted from gross sales. Value-added is the difference between the value of goods as they leave a particular stage of production and the costs of the goods as they entered that stage. Value-added includes payments made by industries to workers, interest, profits, and indirect business taxes. The total value-added impacts of agriculture and natural resource industries in the south region of Florida exceeded \$8.6 billion (Table 11). The environmental horticulture sector with \$2 billion million in value-added impacts accounted for more than 23 percent of the total value-added impacts for the region. The fruit and vegetable farming and processing sector and the other food products manufacturing sector generated value-added impacts of more than \$1.3 billion for each sector. The sugarcane farming, refined sugar, and confections sector generated more than \$1.2 billion in value-added impacts in the south region (Figure 5).

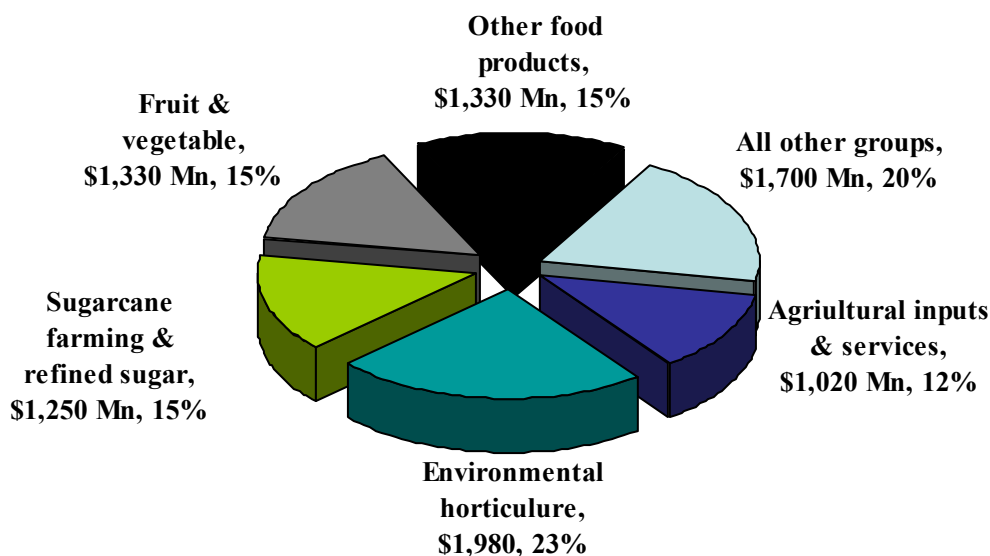


Figure 5. Value-added impacts by industry group in south region of Florida

Palm Beach County with \$2.7 billion and Miami-Dade County with \$2.6 billion together accounted for 61 percent of the total value-added impacts in the region. Once again, Palm Beach County dominated the value-added impacts due to its strong sugarcane farming and sugar refinery sector and the environmental horticulture sector, which had combined value-added impacts of \$1.6 billion, or 60 percent of the total for the county. In terms of value-added impacts, Broward, Miami-Dade, and Hendry Counties had dominant positions in the other sectors (Table 11).

## **Labor Income Impacts**

Labor income impacts totaled about \$5.7 billion (Tables 12). Environmental horticulture with \$1.4 billion accounted for almost 25 percent of the total labor income impacts in the south region. Other major contributors included agricultural inputs and services with \$951million; fruit and vegetable farming and processing with \$752; sugarcane farming, refined sugar and confections with 753 million; and other food product manufacturing with \$744 million.

For labor income impacts, Palm Beach County with \$1.8 billion ranked first, followed by Miami-Dade County with \$1.7 billion. Palm Beach and Miami-Dade Counties together accounted for 60 percent of the total labor income impacts in the region.

## **Indirect Business Tax Impacts**

Indirect business taxes consist of excise taxes, property taxes, fees, licenses, and sales taxes paid by businesses. These taxes occur during the normal operation of businesses but do not include taxes on profit or income. Total indirect business tax impacts were more than \$495 million for the region (Table13). The sugarcane farming, refined sugar and confections sector with \$106 million produced the highest indirect business tax impact. Environmental horticulture with more than \$89 million was another major contributor in the south region. Once again, Palm Beach County with about \$181 million dominated total indirect business tax impacts in the south region, half of which was produced by the sugarcane farming, refined sugar, and confections sector. Miami-Dade County with \$137 million also showed a strong position in indirect business tax impacts.

## **Acknowledgement**

Constructive comments given by reviewer, Dr. John J. Haydu, are greatly appreciated.

**Table 1. Farms by North American Industry Classification System, south region of Florida, 2002**

County	Total farms	Oilseed & grain farming (1111)	Vegetable & melon farming (1112)	Fruit & tree nut farming (1113)	Greenhouse, nursery & floriculture production (1114)	Other crop farming (1119)	Tobacco farming (11191)	Cotton farming (11192)	Sugarcane, hay & other crop farming (11193,11194, 11199)	Beef cattle ranching & farming (112111)	Dairy cattle & milk production (11212)	Hog & pig farming (1122)	Poultry & egg production (1123)	Sheep & goat farming (1124)	Animal aquaculture & other animal production (1125,1129)
Broward	494	-	11	38	194	5	-	-	5	66	5	-	1	9	165
Charlotte	284	1	9	59	15	1	-	-	1	130	4	-	-	2	63
Collier	273	2	17	66	63	-	-	-	-	59	6	5	1	7	47
Miami-Dade	2,244	5	167	1,153	658	7	-	-	7	55	8	3	3	8	177
Glades	231	-	-	24	9	23	-	-	23	152	6	-	2	-	15
Hendry	456	-	21	151	27	21	-	-	21	196	1	-	2	2	35
Lee	643	2	14	151	97	14	-	-	14	207	-	4	9	10	135
Martin	418	-	5	59	71	11	-	-	11	164	12	8	11	5	72
Monroe	18	-	-	2	6	-	-	-	-	-	-	-	-	-	10
Palm Beach	1,110	3	51	61	359	68	-	-	68	131	-	17	13	15	392
<b>Total</b>	<b>6,171</b>	<b>13</b>	<b>295</b>	<b>1,764</b>	<b>1,499</b>	<b>150</b>	<b>0</b>	<b>0</b>	<b>150</b>	<b>1,160</b>	<b>42</b>	<b>37</b>	<b>42</b>	<b>58</b>	<b>1,111</b>

Source: 2002 Census of Agriculture, Florida state and county data, Volume 1, Geographic area series, Part 9, AC-02-A-9, Issued June 2004, National Statistics Service, US Department of Agriculture

**Table 2. Farm size distribution, and investment in land & building, machinery, south region of Florida, 2002, and percent change, 1997-2002**

County	Farms				Average farm size		Farms Less than 100 acres		Farms 100 to 499 acres		Farms 500 acres or more		Estimated asset value of land & buildings				Estimated asset value, machinery & equipment
	(Number)	(% chg)	(Acres)	(% chg)	(Acre/ farm)	(% chg)	(Number)	(Acres)	(Number)	(Acres)	(Number)	(Acres)	(\$1000)	(% chg)	(\$/farm)	(\$/acre)	(\$/farm)
Broward	494	10	23,741	-26	48	-32	455	3,839	26	8,417	13	6,464	222,013	44	450,331	20,423	30,471
Charlotte	284	-1	191,529	-34	674	-34	203	4,973	43	9,997	38	176,559	333,868	-18	1,171,466	1,726	50,286
Collier	273	-4	180,852	-35	662	-32	171	2,784	43	10,510	59	166,877	454,306	-12	1,652,022	2,660	123,655
Miami-Dade	2,244	19	90,373	6	40	-11	2,108	23,566	103	27,812	33	38,995	1,224,093	77	545,496	9,726	42,997
Glades	231	-9	407,950	8	1,766	18	113	4,258	64	14,091	54	389,601	729,522	130	3,158,103	1,849	64,930
Hendry	456	-10	552,352	-9	1,211	1	277	8,279	85	19,934	94	523,388	2,064,986	19	4,518,569	3,846	123,636
Lee	643	-11	126,484	-6	197	6	534	9,241	61	18,187	48	99,056	467,749	15	726,318	3,293	62,165
Martin	418	1	206,198	12	493	10	301	5,268	45	8,639	72	191,198	491,874	-5	1,179,554	2,604	52,195
Monroe	18	6	102	-93	6	-93	18	0	0	0	0	0	1,883	-67	104,627	20,695	31,217
Palm Beach	1,110	1	535,965	-12	483	-13	959	11,459	74	15,112	77	509,394	1,801,844	-16	1,623,283	3,348	60,546
<b>Total</b>	<b>6,171</b>	<b>4</b>	<b>2,315,546</b>	<b>-11</b>	<b>558</b>	<b>-8</b>	<b>5,139</b>	<b>73,667</b>	<b>544</b>	<b>132,699</b>	<b>488</b>	<b>2,101,532</b>	<b>7,792,138</b>	<b>13</b>	<b>1,512,977</b>	<b>7,017</b>	<b>64,210</b>

Source: 2002 Census of Agriculture, Florida state and county data, Volume 1, Geographic area series, Part 9, AC-02-A-9, Issued June 2004, National Statistics Service, US Department of Agriculture

**Table 3A. Farmland Use, south region of Florida, 2002, and percent change, 1997-2002**

County	All cropland		Harvested cropland		Cropland used only for pasture or grazing		Cropland in cultivated summer fallow		Nursery, Greenhouse, Floriculture (1), under glass or other protection	Nursery, Greenhouse, Floriculture(1), in the open
	(Acres)	(% chg)	(Acres)	(% chg)	(Acres)	(% chg)	(Acres)	(% chg)	(Square feet)	(Acres)
Broward	6,984	4	4,385	13	68	-88	8		2,735,791	2,507
Charlotte	41,928	-7								528
Collier	91,398	32			2,934	-75			3,118,148	1,209
Miami-Dade	66,564	-3	55,142	-14	7,122	128	257		87,390,444	10,550
Glades	73,043	81	52,786	86					39,850	735
Hendry	296,006	45	203,203	11						805
Lee	36,422	3	25,762	0	1,177	-67				2,332
Martin	97,840	31	55,470	-13					3,968,565	1,312
Monroe	29									4
Palm Beach	480,973	-9	428,683	-7	48,341	-25			19,340,533	12,719
<b>Total</b>	<b>1,191,187</b>	<b>11</b>	<b>825,431</b>	<b>-10</b>	<b>59,642</b>	<b>-31</b>	<b>265</b>	<b>-99</b>	<b>116,593,331</b>	<b>32,701</b>

(1) Aquatic Plants, Mushrooms, Flower &amp; Vegetable seeds and Sod Harvested

Source: 2002 Census of Agriculture, Florida state and county data, Volume 1, Geographic area series, Part 9, AC-02-A-9, Issued June 2004, National Statistics Service, US Department of Agriculture

**Table 3B. Farmland use, south region of Florida, 2002, and percent change, 1997-2002**

County	Pasture & rangeland, other than cropland & woodland pastured		Pastureland, all types		Woodland		Woodland pastured		Woodland not pastured		Land in conservation or wetlands reserve programs		Certified organically produced crop lands	Land enrolled in federal or other crop insurance programs
	(Acres)	(% chg)	(Acres)	(% chg)	(Acres)	(% chg)	(Acres)	(% chg)	(Acres)	(% chg)	(Acres)	(% chg)	(Acres)	(Acres)
Broward	9,477	-56	14,942	-39	3,600	185	2,934	371	666	4	12	-97		1,129
Charlotte	35,374	-73	99,998	-45	96,158	0								12,401
Collier			104,908	-25	31,918	-40								26,127
Miami-Dade	7,370	30	13,028	52	3,740	-28	1,358	-9	2,382	-36	84	-83	676	21,681
Glades														
Hendry														
Lee	44,560	-42	83,433	-11	30,061	121	29,390	187	671	-80	79	-89	30	
Martin														
Monroe	6		6											
Palm Beach	11,619	-36	25,934	13	13,659	-28	10,366	270	3,293	-80	231	-31	14	234,398
<b>Total</b>	<b>108,406</b>	<b>-71</b>	<b>342,249</b>	<b>-28</b>	<b>179,136</b>	<b>-5</b>	<b>44,048</b>	<b>-35</b>	<b>7,012</b>	<b>-94</b>	<b>406</b>	<b>-89</b>	<b>720</b>	<b>295,736</b>

Source: 2002 Census of Agriculture, Florida state and county data, Volume 1, Geographic area series, Part 9, AC-02-A-9, Issued June 2004, National Statistics Service, US Department of Agriculture



**Table 4. Market value of agricultural products sold, value of government payments, production expenses, and net farm cash income from operation, south region of Florida, 2002, and percent change 1997-2002**

County	Market value of all agricultural products sold				Value of government payments	Total farm production expenses		Net farm cash income from operation	
	(\$1000)	(% chg)	(\$/farm)	(% chg)	(\$1000)	(\$1000)	(\$/farm)	(\$1000)	(\$/farm)
Broward	49,625	-1	100,455	-9	163	44,940	91,156	8,713	17,673
Charlotte	48,302	-4	170,079	-3		43,220	151,649	9,939	34,873
Collier	267,636	-4	980,353	1		200,988	730,867	63,729	231,740
Miami-Dade	578,000	37	257,576	15	136	430,425	191,811	153,092	68,223
Glades	72,064	23	311,966	35		51,581	223,294	24,385	105,561
Hendry	375,812	16	824,149	29	85	221,575	484,847	155,727	340,759
Lee	113,406	-4	176,370	8	86	76,385	118,610	34,115	52,973
Martin	127,655	-13	305,395	-14	700	91,020	218,272	36,840	88,346
Monroe	2,533		140,738			2,070	114,995	724	40,206
Palm Beach	759,867	-13	684,565	-14	299	443,198	399,278	333,727	300,655
<b>Total</b>	<b>2,394,900</b>	<b>4</b>	<b>395,165</b>	<b>5</b>	<b>1,469</b>	<b>1,605,402</b>	<b>272,478</b>	<b>820,991</b>	<b>128,101</b>

Source: 2002 Census of Agriculture, Florida state and county data, Volume 1, Geographic area series, Part 9, AC-02-A-9, Issued June 2004, National Statistics Service, US Department of Agriculture

**Table 5. Value of agricultural products by commodity group, south region of Florida, 2002, and percent change, 1997-2002**

County	All crops, including nursery & greenhouse		Vegetables, melons, potatoes & sweet potatoes		Fruits, tree nuts & berries		Nursery, greenhouse, floriculture & sod		Other crops & hay		Livestock, poultry & their products		Poultry & eggs		Cattle & calves		Milk & other dairy products from cows		Hogs & pigs		Sheep, goats & their products		Horses, ponies, mules, burros & donkeys		Aquaculture	
	(\$1000)	(% chg)	(\$1000)	(\$1000)	(% chg)	(\$1000)	(\$1000)	(% chg)	(\$1000)	(\$1000)	(\$1000)	(% chg)	(\$1000)	(% chg)	(\$1000)	(% chg)	(\$1000)	(\$1000)	(% chg)	(\$1000)	(\$1000)	(% chg)	(\$1000)	(\$1000)	(% chg)	(\$1000)
Broward	44,596	4	7,681			35,928				5,028	-30	4								18		1,261			129	
Charlotte	42,632	-5		32,845	7	7,278				5,671	4	5	25	4,395	-6					9		98			217	
Collier	263,794	-2	135,260	83,325	49	45,209				3,842	-60			2,806						3		200				
Miami-Dade	573,350	39	102,592	35,826	74	434,410				4,650	-50			556	30				12	-59	25	645			2,071	
Glades	52,489	39						37,468		19,575	-6											33			20	
Hendry	357,076	16	90,319	195,636	18	8,753	62,368			18,736	25	6	-92	17,996	27					5		32			295	
Lee	109,147	-5		27,109	42	65,475				4,260	50	17		1,820	10				4	-90	13	247			1,493	
Martin	99,523	-15		72,203	5	20,974				28,132	-2					2,953	164	160		10		287				
Monroe	672			82		590				1,861															1,861	
Palm Beach	752,826	-14	207,498	22,604	8	164,989	352,659			7,040	38	15	-89	966	-11				43	-35	44	1,866			2,044	
<b>Total</b>	<b>2,296,105</b>	<b>6</b>	<b>543,350</b>	<b>469,630</b>	<b>29</b>	<b>783,606</b>	<b>452,495</b>			<b>98,795</b>	<b>-3</b>	<b>47</b>	<b>-52</b>	<b>28,539</b>	<b>10</b>	<b>2,953</b>	<b>223</b>	<b>-6</b>	<b>127</b>		<b>4,669</b>		<b>8,130</b>			

Source: 2002 Census of Agriculture, Florida state and county data, Volume 1, Geographic area series, Part 9, AC-02-A-9, Issued June 2004, National Statistics Service, US Department of Agriculture

**Table 6. Characteristics of principal operator, south region of Florida, 2002, and percent change, 1997-2002**

County	Total operators	Total women operators	Primary occupation farming		Primary occupation other		Female farms			
	(Number)	(Number)	(Number)	(% chg)	(Number)	(% chg)	(Number)	(% chg)	(Acres)	(% chg)
Broward	768	253	252	5	242	15	103	13		-100
Charlotte	424	123	128	10	156	-9	50	56	6,500	-55
Collier	432	94	148	13	125	-19	34	26	2,811	30
Miami-Dade	3,256	979	1,152	20	1,092	18	360	43	4,752	33
Glades	335	104	124	-13	107	-4	45	61	27,519	84
Hendry	665	157	242	0	214	-20	55	-13	16,620	48
Lee	964	300	329	25	314	-32	130	14	8,133	80
Martin	658	225	239	39	179	-25	75	32	11,946	-53
Monroe	25	8	8	33	10	-9	2	-67		-100
Palm Beach	1,710	662	595	3	515	0	328	48	12,122	85
<b>Total</b>	<b>9,237</b>	<b>2,905</b>	<b>3,217</b>	13	<b>2,954</b>	-4	<b>1,182</b>	33	<b>90,403</b>	7

Source: 2002 Census of Agriculture, Florida state and county data, Volume 1, Geographic area series, Part 9, AC-02-A-9, Issued June 2004, National Statistics Service, US Department of Agriculture

**Table 7. Type of business organization, and primary occupation of farmers, south region of Florida, 2002, and percent change, 1997-2002**

County	Family or individual farms				Partnership farms				Corporation family-held farms				Corporation other than Family-held farms				Other-cooperative, estate or trust, institutional, etc.		
	(Number)	(% chg)	(Acres)	(% chg)	(Number)	(% chg)	(Acres)	(% chg)	(Number)	(% chg)	(Acres)	(% chg)	(Number)	(% chg)	(Acres)	(% chg)	(Number)	(% chg)	(Acres)
Broward	304	18	12,307	120	25	19	2,115		138	-3	6,228	-51	21	-25	91	-90	6	200	3,000
Charlotte	244	11			13	-52	29,544	-72	21	-32	106,575	-4	5	0	4,308		1	-75	
Collier	184	5			36	0	36,256	-37	41	-21	24,930	-82	10	-33	42,748	384	2	-67	
Miami-Dade	1,685	34	40,910	28	104	14	10,657	210	352	-17	34,034	-14	86	-10	4,006	-51	17	42	766
Glades	176	-10			11	-54	13,708	-70	29	7	247,607	-2	10	233	12,620		5	25	
Hendry	314	-6			68	-11	70,669	-57	66	-8	151,701	-39	6	-60	226,159		2	-82	
Lee	522	-7			36	-41	8,815	-25	68	-8	22,458	4	5	-64	792	-90	12	0	
Martin	334	26	81,451	41	9	-74	23,533	21	54	-29	88,856	77	10	-50	12,178	-78	11	-31	180
Monroe	3	-63							11	83	40	5	1	0			3		
Palm Beach	741	20			61	-13	26,880	-11	264	-19	251,766	39	35	-48			9	-31	
<b>Total</b>	<b>4,507</b>	<b>16</b>	<b>134,668</b>	<b>-73</b>	<b>363</b>	<b>-18</b>	<b>222,177</b>	<b>-49</b>	<b>1,044</b>	<b>-15</b>	<b>934,195</b>	<b>-12</b>	<b>189</b>	<b>-28</b>	<b>302,902</b>	<b>-28</b>	<b>68</b>	<b>-15</b>	<b>3,946</b>

Source: 2002 Census of Agriculture, Florida state and county data, Volume 1, Geographic area series, Part 9, AC-02-A-9, Issued June 2004, National Statistics Service, US Department of Agriculture

**Table 8. Ethnicity of farm operators, south region of Florida, 2002**

County	White			Black or African American			Spanish, Hispanic, or Latino origin			Other ethnic groups *		
	(Farms)	(Operators)	(Acres)	(Farms)	(Operators)	(Acres)	(Farms)	(Operators)	(Acres)	(Farms)	(Operators)	(Acres)
Broward	456	689	23564	13	16	631	89	118	4031	29	34	116
Charlotte	281	394	191196				7	8	672	13	16	403
Collier	266	395	180802				42	49	17541	7	11	50
Miami-Dade	2146	2988	88028	25	28	355	1018	1357	37012	125	163	2754
Glades	218	305	370522				3	3	2337	17	22	0
Hendry	448	630	550955	5	9	740	41	51	8649	6	9	0
Lee	631	923	126128	8	8	140	27	31	467	8	13	63
Martin	411	619	205739	4	4	444	23	25	18239	10	16	15
Monroe	18	23	102				2	2		2	2	0
Palm Beach	1060	1547	531233	33	43	3812	134	156	136720	60	71	3740
<b>Total</b>	<b>5,935</b>	<b>8,513</b>	<b>2,268,269</b>	<b>88</b>	<b>108</b>	<b>6,122</b>	<b>1,386</b>	<b>1,800</b>	<b>225,668</b>	<b>277</b>	<b>357</b>	<b>7,141</b>

\* (American Indian, Alaska Native, Native Hawaiian, Other Pacific Islander & Asian)

Source: 2002 Census of Agriculture, Florida state and county data, Volume 1, Geographic area series, Part 9, AC-02-A-9, Issued June 2004, National Statistics Service, US Department of Agriculture



Table 9(continued). Output impacts of agriculture and natural resource industries, south region of Florida, 2002 data

Industry Group	Broward	Charlotte	Collier	Glades	Hendry	Lee	Martin	Miami-Dade	Monroe	Palm Beach	Grand Total
<b>Fruit &amp; Vegetable Farming &amp; Processing</b>											
	(\$ Million)										
Frozen food manufacturing	0.0	0.0	0.0	0.0	116.1	0.0	70.0	24.5	0.0	25.8	236.4
Fruit & vegetable canning/drying	79.8	0.8	0.0	0.0	0.0	0.0	0.0	41.0	1.8	0.0	123.4
Fruit farming	5.8	39.8	206.0	9.7	192.9	54.3	84.7	38.8	0.0	34.3	666.2
Vegetable & melon farming	20.9	10.0	406.1	0.4	124.0	22.3	2.5	154.2	0.0	576.4	1,316.8
<b>Total</b>	106.5	50.6	612.1	10.0	433.0	76.5	157.3	258.5	1.8	636.5	2,342.9
<b>Grain &amp; Oilseed Farming &amp; Processing</b>											
Flour milling	0.0	0.0	0.0	0.0	0.0	0.0	42.5	7.4	0.0	0.0	49.9
Grain farming	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4
Rice milling	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.5	19.5
<b>Total</b>	0.0	0.0	0.0	0.0	0.0	0.0	42.5	7.4	0.0	19.9	69.8
<b>Livestock &amp; Dairy Farming &amp; Animal Products Mfg</b>											
Animal production, except cattle & poultry	3.2	3.4	3.3	0.1	1.0	4.8	1.2	3.2	0.0	10.6	30.8
Animal, except poultry, slaughtering	38.0	0.0	0.0	0.0	0.0	0.0	0.0	73.1	0.0	44.3	155.4
Cattle ranching & farming	6.6	3.5	6.6	1.9	6.5	3.5	5.4	1.0	0.0	0.7	35.7
Cheese manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	81.8	0.0	0.0	81.8
Creamery butter manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	1.0
Fluid milk manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	166.3	0.0	0.0	166.3
Ice cream & frozen dessert mfg	0.9	0.0	0.0	0.0	0.0	3.0	0.0	9.9	0.0	13.4	27.1
Meat processed from carcasses	9.6	0.0	0.0	0.0	0.0	0.0	0.0	76.4	0.0	1.9	87.9
Poultry & egg production	0.0	0.0	0.3	0.0	0.0	0.0	2.5	0.0	0.0	0.0	2.8
Poultry processing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.4	0.0	0.0	9.4
Rendering & meat byproduct processing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.7	0.0	0.0	29.7
<b>Total</b>	58.2	7.0	10.2	2.0	7.5	11.3	9.1	451.8	0.0	70.9	627.8
<b>Mining</b>											
Drilling oil & gas wells	0.8	3.2	0.0	0.0	0.0	0.4	0.0	3.4	0.0	2.8	10.6
Oil & gas extraction	16.6	0.0	4.6	0.0	0.0	8.7	0.0	169.8	0.0	23.7	223.3
Other nonmetallic mineral mining	0.0	0.0	0.0	0.0	0.4	0.3	0.0	0.3	0.0	0.1	1.0
Sand/gravel/clay/refractory mining	22.9	17.4	6.7	2.4	0.9	8.2	13.4	0.0	0.0	2.9	74.9
Stone mining & quarrying	16.6	0.0	9.5	0.0	0.0	33.3	0.0	119.5	14.1	0.0	193.0
Support activities for oil & gas operations	0.5	0.0	1.3	0.0	0.0	0.0	0.0	12.2	0.0	1.8	15.8
Support activities for other mining	0.0	0.0	2.5	0.0	0.0	0.0	0.0	3.9	0.0	0.0	6.4
<b>Total</b>	57.4	20.5	24.5	2.4	1.3	51.0	13.4	309.1	14.1	31.2	524.9

Table 9(continued). Output impacts of agriculture and natural resource industries, south region of Florida, 2002 data

Industry Group	Broward	Charlotte	Collier	Glades	Hendry	Lee	Martin	Miami-Dade	Monroe	Palm Beach	Grand Total
(\$ Million)											
<b>Other Crop Farming</b>	3.3	0.0	0.0	0.0	0.0	0.0	0.0	5.4	0.0	0.0	8.6
<b>Other Food Product Manufacturing</b>											
All other food manufacturing	1.7	0.0	0.0	0.0	0.0	0.2	0.0	17.4	0.0	2.2	21.6
Bread/bakery, except frozen, mfg	62.6	1.0	2.5	0.0	0.0	37.4	5.2	363.7	0.7	73.7	546.7
Breweries	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.4	8.3	13.7
Coffee & tea manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	69.4	0.0	0.0	69.4
Cookie & cracker manufacturing	2.5	0.0	0.0	0.0	0.0	0.0	0.0	78.6	0.0	0.0	81.1
Dog/cat food manufacturing	8.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.6
Dry pasta manufacturing	2.4	0.0	0.0	0.0	0.0	0.0	0.0	3.4	0.0	0.1	5.9
Fats & oils refining/blending	0.0	0.0	0.0	0.0	0.0	0.0	0.0	52.7	0.0	0.0	52.7
Flavoring syrup/concentrate mfg	57.1	0.0	0.0	0.0	0.0	0.0	0.0	46.1	0.0	0.0	103.2
Frozen cakes & other pastries mfg	0.0	0.0	0.9	0.0	0.0	0.0	0.0	14.2	6.2	0.0	21.3
Mayonnaise/dressing/sauce mfg	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.9	0.0	29.8	36.7
Mixes/dough purchased flour	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4
Other animal food manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.8	0.0	9.5	22.3
Other snack food manufacturing	0.0	0.0	1.6	0.0	0.0	0.0	0.0	20.6	0.0	0.0	22.3
Soft drink & ice manufacturing	793.2	0.0	1.0	0.0	0.0	26.2	0.0	539.7	0.7	285.1	1,645.9
Spice & extract manufacturing	44.2	0.0	0.0	0.0	7.6	0.5	0.0	33.9	0.0	0.0	86.2
Tortilla manufacturing	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
Wineries	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	1.3
<b>Total</b>	<b>974.9</b>	<b>1.0</b>	<b>6.0</b>	<b>0.0</b>	<b>7.6</b>	<b>64.3</b>	<b>5.2</b>	<b>1,260.8</b>	<b>13.1</b>	<b>408.6</b>	<b>2,741.5</b>
<b>Sugarcane Farming, Refined Sugar &amp; Confections</b>											
Confectionery mf cacao beans	9.5	0.0	0.0	0.0	0.0	3.7	0.0	0.0	0.0	0.0	13.1
Confectionery mfg	10.4	0.0	0.0	0.0	0.0	6.7	0.7	51.7	1.4	13.1	83.9
Non-chocolate confectionery mfg	13.0	0.0	0.0	0.0	0.0	0.0	0.0	19.8	0.0	4.6	37.5
Sugar manufacturing	0.0	0.0	0.0	0.0	495.2	0.0	0.0	0.0	0.0	1,696.3	2,191.5
Sugarcane & sugar beet farming	0.0	0.0	0.0	32.3	72.6	0.0	3.3	0.0	0.0	671.3	779.5
<b>Total</b>	<b>32.9</b>	<b>0.0</b>	<b>0.0</b>	<b>32.3</b>	<b>567.8</b>	<b>10.3</b>	<b>3.9</b>	<b>71.6</b>	<b>1.4</b>	<b>2,385.2</b>	<b>3,105.5</b>
<b>Tobacco Farming &amp; Manufacturing</b>											
Cigarette manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.6	0.0	0.0	15.6
Other tobacco product mfg	26.2	0.0	0.0	0.0	0.0	0.0	0.0	104.6	0.3	3.7	134.7
<b>Total</b>	<b>26.2</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>120.1</b>	<b>0.3</b>	<b>3.7</b>	<b>150.3</b>
<b>Wildlife (hunting)</b>	<b>13.4</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>2.5</b>	<b>38.3</b>	<b>28.4</b>	<b>10.3</b>	<b>7.7</b>	<b>100.7</b>
<b>Grand Total</b>	<b>2,331.0</b>	<b>163.6</b>	<b>1,086.9</b>	<b>61.4</b>	<b>1,206.2</b>	<b>790.1</b>	<b>564.4</b>	<b>5,175.5</b>	<b>117.7</b>	<b>5,378.1</b>	<b>16,874.8</b>

Source: IMPLAN data for Florida counties (2005)



**Table 10. Employment Impacts of agriculture and natural resource industries, south region of Florida, 2002 data**

Industry Group	Broward	Charlotte	Collier	Glades	Henry	Lee	Martin	Miami-Dade	Monroe	Palm Beach	Grand Total
<b>Agricultural Inputs &amp; Services</b>						(Jobs)					
Agriculture & forestry activities	591	248	4,652	153	7,732	489	430	5,551	0	7,924	27,770
Farm machinery & equipment mfg	215	0	3	0	0	0	0	192	0	20	431
Fertilizer, mixing only, manufacturing	0	0	3	0	0	6	4	37	0	26	76
Food product machinery mfg	0	0	0	0	0	69	0	71	0	1	141
Lawn/garden equipment mfg	15	0	0	0	0	32	0	0	0	0	48
New farm housing units/additions	391	36	121	1	5	183	44	413	22	309	1,526
Nitrogenous fertilizer mfg	0	0	0	0	0	0	0	179	0	50	229
Pesticide & other ag chemical mfg	33	0	0	0	0	0	0	155	0	121	308
Phosphatic fertilizer mfg	0	0	0	0	0	258	0	0	0	0	258
Veterinary services	2,088	227	273	0	4	673	340	1,133	146	1,890	6,774
<b>Total</b>	<b>3,333</b>	<b>511</b>	<b>5,052</b>	<b>154</b>	<b>7,742</b>	<b>1,711</b>	<b>818</b>	<b>7,731</b>	<b>168</b>	<b>10,341</b>	<b>37,561</b>
<b>Environmental Horticulture</b>											
Greenhouse/nursery production	699	58	916	23	37	991	134	6,158	0	2,061	11,078
Landscape Services (70% bldgs)	10,129	666	3,251	8	89	3,482	1,463	11,173	338	12,569	43,169
<b>Total</b>	<b>10,828</b>	<b>724</b>	<b>4,168</b>	<b>31</b>	<b>127</b>	<b>4,473</b>	<b>1,597</b>	<b>17,331</b>	<b>338</b>	<b>14,630</b>	<b>54,247</b>
<b>Fishing &amp; Seafood Product Mfg</b>											
Fishing	151	0	290	57	0	2,225	0	95	1,357	128	4,303
Seafood product prep/packaging	106	0	5	0	0	33	0	713	4	116	977
<b>Total</b>	<b>257</b>	<b>0</b>	<b>295</b>	<b>57</b>	<b>0</b>	<b>2,258</b>	<b>0</b>	<b>808</b>	<b>1,361</b>	<b>244</b>	<b>5,280</b>
<b>Forestry, Wood &amp; Paper Product Mfg</b>											
All other converted paper product mfg	70	0	0	0	0	0	0	117	0	6	193
Coated & laminated paper/packaging	106	0	0	0	0	35	0	146	0	36	323
Coated & uncoated paper bag mfg	27	0	0	0	0	0	0	29	0	0	56
Cut stock/resawing lumber/planing	4	0	0	0	0	0	57	0	0	28	89
Die-cut paper office supplies mfg	16	0	0	0	0	0	0	305	0	0	322
Engineered wood & truss mfg	124	125	17	0	0	347	0	453	5	585	1,655
Envelope manufacturing	0	0	0	0	0	0	0	33	0	0	33
Forest nurseries/products/timber	107	0	0	0	0	101	717	1,699	0	1,172	3,796
Logging	8	0	0	0	7	30	136	70	0	0	250
Miscellaneous wood product mfg	6	0	34	0	0	2	0	103	4	17	167
Other millwork, including flooring	172	0	28	0	0	21	12	357	2	288	881
Paper & paperboard mills	6	0	0	0	0	0	0	763	0	0	769
Paperboard container manufacturing	369	0	0	0	0	75	0	1,714	0	5	2,164
Prefabricated wood building mfg	0	0	0	0	0	77	23	0	0	0	100
Reconstituted wood product mfg	0	0	0	0	0	0	0	2	0	0	2
Sanitary paper product mfg	0	0	0	0	0	0	0	3,340	0	0	3,340
Sawmills	0	0	0	0	0	82	0	0	0	10	92
Stationery & related product mfg	0	0	0	0	0	0	0	13	0	16	29
Surface-coated paperboard mfg	65	0	0	0	0	0	0	0	0	15	80
Veneer & plywood mfg	0	0	0	0	0	0	0	237	0	546	783
Wood container/pallet mfg	63	0	50	0	0	0	0	144	0	9	266
Wood preservation	0	0	0	0	0	3	0	4	0	0	6
Wood windows/doors manufacturing	692	105	5	0	0	4	31	45	0	183	1,066
<b>Total</b>	<b>1,836</b>	<b>229</b>	<b>135</b>	<b>0</b>	<b>7</b>	<b>776</b>	<b>976</b>	<b>9,574</b>	<b>11</b>	<b>2,917</b>	<b>16,461</b>

Table 10 (continued). Employment impacts of agriculture and natural resource industries, south region of Florida, 2002 data

Industry Group	Broward	Charlotte	Collier	Glades	Henry	Lee	Marlin	Miami-Dade	Monroe	Palm Beach	Grand Total
<b>Fruit &amp; Vegetable Farming &amp; Processing</b>	(Jobs)										
Frozen food manufacturing	0	0	0	0	779	0	517	192	0	178	1,666
Fruit & vegetable canning/drying	543	6	0	0	0	0	0	297	10	0	856
Fruit farming	72	550	3,136	94	2,684	682	1,039	564	0	296	9,117
Vegetable & melon farming	190	80	5,082	2	1,270	168	18	1,770	0	4,161	12,741
<b>Total</b>	<b>805</b>	<b>635</b>	<b>8,219</b>	<b>96</b>	<b>4,733</b>	<b>850</b>	<b>1,574</b>	<b>2,823</b>	<b>10</b>	<b>4,636</b>	<b>24,381</b>
<b>Grain &amp; Oilseed Farming &amp; Processing</b>											
Flour milling	0	0	0	0	0	0	231	44	0	0	275
Grain farming	0	0	0	0	0	0	0	0	0	5	5
Rice milling	0	0	0	0	0	0	0	0	0	110	110
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>231</b>	<b>44</b>	<b>0</b>	<b>115</b>	<b>390</b>
<b>Livestock &amp; Dairy Farming &amp; Animal Products Mfg</b>											
Animal production, except cattle & poultry	70	85	84	2	22	121	31	69	0	159	643
Animal, except poultry, slaughtering	125	0	0	0	0	0	0	232	0	142	499
Cattle ranching & farming	66	40	71	18	68	36	56	11	0	6	371
Cheese manufacturing	0	0	0	0	0	0	0	147	0	0	147
Creamery butter manufacturing	0	0	0	0	0	0	0	1	0	0	1
Fluid milk manufacturing	0	0	0	0	0	0	0	530	0	0	530
Ice cream & frozen dessert mfg	3	0	0	0	0	8	0	33	0	43	87
Meat processed from carcasses	48	0	0	0	0	0	0	360	0	9	417
Poultry & egg production	0	0	2	0	0	0	12	0	0	0	14
Poultry processing	0	0	0	0	0	0	0	65	0	0	65
Rendering & meat byproduct processing	0	0	0	0	0	0	0	191	0	0	191
<b>Total</b>	<b>312</b>	<b>124</b>	<b>157</b>	<b>21</b>	<b>90</b>	<b>166</b>	<b>99</b>	<b>1,639</b>	<b>0</b>	<b>358</b>	<b>2,966</b>
<b>Mining</b>											
Drilling oil & gas wells	8	37	0	0	0	5	0	33	0	23	106
Oil & gas extraction	347	0	197	0	0	176	0	1,111	0	30	1,862
Other nonmetallic mineral mining	0	0	0	0	4	4	0	2	0	1	11
Sand/gravel/clay/refractory mining	192	183	52	26	9	76	131	0	0	25	694
Stone mining & quarrying	135	0	65	0	0	281	0	993	117	0	1,592
Support activities for oil & gas operations	6	0	15	0	0	0	0	131	0	18	171
Support activities for other mining	0	0	15	0	0	0	0	27	0	0	42
<b>Total</b>	<b>688</b>	<b>221</b>	<b>345</b>	<b>26</b>	<b>13</b>	<b>542</b>	<b>131</b>	<b>2,298</b>	<b>117</b>	<b>97</b>	<b>4,478</b>

Table 10 (continued). Employment impacts of agriculture and natural resource industries, south region of Florida, 2002 data

Industry Group	Broward	Charlotte	Collier	Glades	Henry	Lee	Martin	Miami-Dade	Monroe	Palm Beach	Grand Total
	(Jobs)										
<b>Other Crop Farming</b>	30	0	0	0	0	0	0	58	0	0	89
<b>Other Food Product Manufacturing</b>											
All other food manufacturing	8	0	0	0	0	1	0	81	0	10	99
Bread/bakery, except frozen, mfg	777	14	27	0	0	399	86	3,588	9	729	5,629
Breweries	0	0	0	0	0	0	0	0	35	60	95
Coffee & tea manufacturing	0	0	0	0	0	0	0	216	0	0	216
Cookie & cracker manufacturing	11	0	0	0	0	0	0	321	0	0	332
Dog/cat food manufacturing	44	0	0	0	0	0	0	0	0	0	44
Dry pasta manufacturing	20	0	0	0	0	0	0	34	0	1	55
Fats & oils refining/blending	0	0	0	0	0	0	0	223	0	0	223
Flavoring syrup/concentrate mfg	148	0	0	0	0	0	0	122	0	0	270
Frozen cakes & other pastries mfg	0	0	2	0	0	0	0	40	30	0	73
Mayonnaise/dressing/sauce mfg	0	0	0	0	0	0	0	23	0	83	106
Mixes/dough purchased flour	9	0	0	0	0	0	0	0	0	0	9
Other animal food manufacturing	0	0	0	0	0	0	0	69	0	44	113
Other snack food manufacturing	0	0	4	0	0	0	0	68	0	0	72
Soft drink & ice manufacturing	5,084	0	6	0	0	163	0	3,445	4	1,705	10,407
Spice & extract manufacturing	207	0	0	0	41	2	0	124	0	0	375
Tortilla manufacturing	2	0	0	0	0	0	0	0	0	0	2
Wineries	0	0	0	0	0	0	0	9	0	0	9
<b>Total</b>	6,310	14	39	0	41	565	86	8,362	79	2,632	18,128
<b>Sugarcane Farming, Refined Sugar &amp; Confections</b>											
Confectionery mfg cacao beans	44	0	0	0	0	18	0	0	0	0	62
Confectionery mfg	97	0	0	0	0	64	6	436	9	102	714
Non-chocolate confectionery mfg	110	0	0	0	0	0	0	169	0	36	314
Sugar manufacturing	0	0	0	0	5,270	0	0	0	0	15,582	20,852
Sugarcane & sugar beet farming	0	0	0	1,019	2,909	0	95	0	0	17,019	21,041
<b>Total</b>	251	0	0	1,019	8,179	82	101	604	9	32,738	42,984
<b>Tobacco Farming &amp; Manufacturing</b>											
Cigarette manufacturing	0	0	0	0	0	0	0	19	0	0	19
Other tobacco product mfg	93	0	0	0	0	0	0	625	2	23	744
<b>Total</b>	93	0	0	0	0	0	0	644	2	23	762
<b>Wildlife (hunting)</b>	85	0	0	0	0	67	561	463	116	170	1,462
<b>Grand Total</b>	24,828	2,458	18,409	1,403	20,932	11,491	6,174	52,379	2,212	68,901	209,187

Source: IMPLAN data for Florida counties (2005)



Table 11(continued). Value-added impacts of agriculture and natural resource industries, south region of Florida, 2002 data

Industry Group	Broward	Charlotte	Collier	Glades	Hendry	Lee	Martin	Miami-Dade	Monroe	Palm Beach	Grand Total
<b>Fruit &amp; Vegetable Farming &amp; Processing</b>					(\$ Million)						
Frozen food manufacturing	0.0	0.0	0.0	0.0	57.2	0.0	33.6	12.0	0.0	12.9	115.7
Fruit & vegetable canning/drying	34.6	0.2	0.0	0.0	0.0	0.0	0.0	20.0	0.9	0.0	55.7
Fruit farming	3.2	22.2	113.9	6.0	114.4	29.9	48.6	20.7	0.0	21.7	380.6
Vegetable & melon farming	12.2	5.8	239.1	0.2	72.1	13.0	1.4	90.0	0.0	345.4	779.2
<b>Total</b>	<b>50.0</b>	<b>28.3</b>	<b>353.0</b>	<b>6.2</b>	<b>243.7</b>	<b>42.9</b>	<b>83.6</b>	<b>142.7</b>	<b>0.9</b>	<b>380.0</b>	<b>1,331.2</b>
<b>Grain &amp; Oilseed Farming &amp; Processing</b>											
Flour milling	0.0	0.0	0.0	0.0	0.0	0.0	16.5	3.2	0.0	0.0	19.7
Grain farming	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2
Rice milling	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.8	7.8
<b>Total</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>16.5</b>	<b>3.2</b>	<b>0.0</b>	<b>8.0</b>	<b>27.7</b>
<b>Livestock &amp; Dairy Farming &amp; Animal Products Mfg</b>											
Animal production, except cattle & poultry	1.1	0.9	0.8	0.0	0.3	1.2	0.2	1.1	0.0	5.8	11.4
Animal, except poultry, slaughtering	4.9	0.0	0.0	0.0	0.0	0.0	0.0	12.3	0.0	6.5	23.7
Cattle ranching & farming	1.9	0.8	1.8	0.5	1.6	0.9	1.4	0.3	0.0	0.3	9.7
Cheese manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.4	0.0	0.0	9.4
Creamery butter manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fluid milk manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.2	0.0	0.0	37.2
Ice cream & frozen dessert mfg	0.2	0.0	0.0	0.0	0.0	1.0	0.0	2.5	0.0	3.6	7.4
Meat processed from carcasses	1.5	0.0	0.0	0.0	0.0	0.0	0.0	15.9	0.0	0.3	17.7
Poultry & egg production	0.0	0.0	0.1	0.0	0.0	0.0	1.2	0.0	0.0	0.0	1.4
Poultry processing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	1.7
Rendering & meat byproduct processing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.7	0.0	0.0	13.7
<b>Total</b>	<b>9.6</b>	<b>1.8</b>	<b>2.7</b>	<b>0.6</b>	<b>1.9</b>	<b>3.2</b>	<b>2.9</b>	<b>94.1</b>	<b>0.0</b>	<b>16.6</b>	<b>133.4</b>
<b>Mining</b>											
Drilling oil & gas wells	0.5	1.2	0.0	0.0	0.0	0.2	0.0	2.0	0.0	1.7	5.5
Oil & gas extraction	9.1	0.0	2.6	0.0	0.0	4.8	0.0	96.8	0.0	13.0	126.3
Other nonmetallic mineral mining	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.2	0.0	0.0	0.6
Sand/gravel/clay/refractory mining	15.1	11.6	4.4	1.7	0.6	5.4	8.9	0.0	0.0	1.8	49.5
Stone mining & quarrying	10.4	0.0	6.0	0.0	0.0	20.6	0.0	74.5	8.8	0.0	120.4
Support activities for oil & gas operations	0.3	0.0	0.9	0.0	0.0	0.0	0.0	8.4	0.0	1.2	10.9
Support activities for other mining	0.0	0.0	1.6	0.0	0.0	0.0	0.0	2.5	0.0	0.0	4.1
<b>Total</b>	<b>35.4</b>	<b>12.7</b>	<b>15.4</b>	<b>1.7</b>	<b>0.8</b>	<b>31.2</b>	<b>8.9</b>	<b>184.3</b>	<b>8.8</b>	<b>17.8</b>	<b>317.1</b>

Table 11(continued). Value-added impacts of agriculture and natural resource industries, south region of Florida, 2002 data

Industry Group	Broward	Charlotte	Collier	Glades	Hendry	Lee	Martin	Miami-Dade	Monroe	Palm Beach	Grand Total
	(\$ Million)										
<b>Other Crop Farming</b>	1.8	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0	4.7
<b>Other Food Product Manufacturing</b>											
All other food manufacturing	0.3	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.4	3.5
Bread/bakery, except frozen, mfg	28.9	0.4	1.2	0.0	0.0	18.9	1.9	200.0	0.3	38.5	290.2
Breweries	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	5.2	8.6
Coffee & tea manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.9	0.0	0.0	9.9
Cookie & cracker manufacturing	0.9	0.0	0.0	0.0	0.0	0.0	0.0	33.0	0.0	0.0	33.9
Dog/cat food manufacturing	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9
Dry pasta manufacturing	1.3	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	3.0
Fats & oils refining/blending	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.5	0.0	0.0	15.5
Flavoring syrup/concentrate mfg	40.7	0.0	0.0	0.0	0.0	0.0	0.0	32.9	0.0	0.0	73.6
Frozen cakes & other pastries mfg	0.0	0.0	0.2	0.0	0.0	0.0	0.0	1.7	1.8	0.0	3.8
Mayonnaise/dressing/sauce mfg	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	8.7	10.0
Mixes/dough purchased flour	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9
Other animal food manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	3.1	8.1
Other snack food manufacturing	0.0	0.0	0.8	0.0	0.0	0.0	0.0	8.1	0.0	0.0	8.9
Soft drink & ice manufacturing	410.8	0.0	0.3	0.0	0.0	14.0	0.0	264.8	0.2	125.4	815.4
Spice & extract manufacturing	21.6	0.0	0.0	0.0	4.0	0.2	0.0	14.9	0.0	0.0	40.7
Tortilla manufacturing	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Wineries	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.4
<b>Total</b>	<b>508.2</b>	<b>0.4</b>	<b>2.5</b>	<b>0.0</b>	<b>4.0</b>	<b>33.0</b>	<b>1.9</b>	<b>592.2</b>	<b>5.8</b>	<b>181.3</b>	<b>1,329.4</b>
<b>Sugarcane Farming, Refined Sugar &amp; Confections</b>											
Confectionery mfg cacao beans	3.5	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	4.5
Confectionery mfg	5.5	0.0	0.0	0.0	0.0	3.1	0.3	25.0	0.8	6.4	41.1
Non-chocolate confectionery mfg	6.0	0.0	0.0	0.0	0.0	0.0	0.0	9.8	0.0	2.2	18.1
Sugar manufacturing	0.0	0.0	0.0	0.0	150.4	0.0	0.0	0.0	0.0	692.4	842.8
Sugarcane & sugar beet farming	0.0	0.0	0.0	13.3	19.5	0.0	1.4	0.0	0.0	307.9	342.1
<b>Total</b>	<b>15.0</b>	<b>0.0</b>	<b>0.0</b>	<b>13.3</b>	<b>169.9</b>	<b>4.1</b>	<b>1.7</b>	<b>34.8</b>	<b>0.8</b>	<b>1,008.9</b>	<b>1,248.5</b>
<b>Tobacco Farming &amp; Manufacturing</b>											
Cigarette manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	10.0
Other tobacco product manufacturing	16.5	0.0	0.0	0.0	0.0	0.0	0.0	66.7	0.2	2.3	85.8
<b>Total</b>	<b>16.5</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>76.7</b>	<b>0.2</b>	<b>2.3</b>	<b>95.7</b>
<b>Wildlife (hunting)</b>	<b>8.3</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.5</b>	<b>19.5</b>	<b>12.4</b>	<b>5.4</b>	<b>2.0</b>	<b>48.1</b>
<b>Grand Total</b>	<b>1,209.8</b>	<b>87.7</b>	<b>641.6</b>	<b>33.5</b>	<b>531.1</b>	<b>452.4</b>	<b>306.7</b>	<b>2,568.9</b>	<b>66.3</b>	<b>2,702.7</b>	<b>8,600.7</b>

Source: IMPLAN data for Florida counties (2005)

**Table 12. Labor income impacts of agriculture and natural resource industries, south region of Florida, 2002 data**

Industry Group	Broward	Charlotte	Collier	Glades	Henry	Lee	Martin	Miami-Dade	Monroe	Palm Beach	Grand Total
<b>Agricultural Inputs &amp; Services</b>											
					(\$ Million)						
Agriculture & forestry activities	21.6	4.3	79.1	9.2	111.6	33.8	45.4	110.2	0.0	219.9	635.2
Farm machinery & equipment mfg	8.9	0.0	0.1	0.0	0.0	0.0	0.0	6.9	0.0	0.8	16.7
Fertilizer, mixing only, mfg	0.0	0.0	0.2	0.0	0.0	0.3	0.3	2.7	0.0	1.2	4.8
Food product machinery mfg	0.0	0.0	0.0	0.0	0.0	3.3	0.0	2.8	0.0	0.0	6.2
Lawn/garden equipment mfg	0.4	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.4
New farm housing units/additions	16.6	1.1	5.6	0.0	0.1	7.2	1.6	16.0	0.6	14.4	63.3
Nitrogenous fertilizer mfg	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.3	0.0	2.4	9.7
Pesticide & other ag chemical mfg	1.5	0.0	0.0	0.0	0.0	0.0	0.0	6.8	0.0	6.9	15.2
Phosphatic fertilizer mfg	0.0	0.0	0.0	0.0	0.0	12.7	0.0	0.0	0.0	0.0	12.7
Veterinary services	58.4	5.6	6.4	0.0	0.1	19.2	7.3	30.9	3.3	54.9	186.4
<b>Total</b>	<b>107.4</b>	<b>11.0</b>	<b>91.5</b>	<b>9.2</b>	<b>111.9</b>	<b>77.6</b>	<b>54.6</b>	<b>183.6</b>	<b>4.0</b>	<b>300.7</b>	<b>951.6</b>
<b>Environmental Horticulture</b>											
Greenhouse/nursery production	26.7	2.4	31.6	1.4	2.2	38.8	5.4	209.3	0.0	122.4	440.1
Landscape services (70% bldgs)	216.8	13.7	84.9	0.2	1.8	83.0	37.1	216.6	7.7	312.4	974.2
<b>Total</b>	<b>243.5</b>	<b>16.1</b>	<b>116.5</b>	<b>1.6</b>	<b>4.0</b>	<b>121.8</b>	<b>42.5</b>	<b>425.9</b>	<b>7.7</b>	<b>434.9</b>	<b>1,414.3</b>
<b>Fishing &amp; Seafood Products Mfg</b>											
Fishing	7.7	0.0	5.7	0.4	0.0	10.2	0.0	2.2	23.8	0.8	50.8
Seafood product prep/packaging	5.1	0.0	0.4	0.0	0.0	1.3	0.0	33.8	0.3	3.3	44.2
<b>Total</b>	<b>12.8</b>	<b>0.0</b>	<b>6.0</b>	<b>0.4</b>	<b>0.0</b>	<b>11.5</b>	<b>0.0</b>	<b>36.0</b>	<b>24.1</b>	<b>4.1</b>	<b>95.0</b>
<b>Forestry, Wood &amp; Paper Product Mfg</b>											
All other converted paper product mfg	3.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5	0.0	0.3	7.8
Coated & laminated paper/packaging	4.6	0.0	0.0	0.0	0.0	2.0	0.0	6.2	0.0	1.8	14.6
Coated & uncoated paper bag mfg	0.6	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	1.8
Cut stock/resawing lumber/planing	0.1	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.6	2.3
Die-cut paper office supplies mfg	0.6	0.0	0.0	0.0	0.0	0.0	0.0	12.6	0.0	0.0	13.2
Engineered wood & truss mfg	4.5	3.4	0.5	0.0	0.0	12.8	0.0	16.2	0.1	21.6	59.2
Envelope manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.7
Forest nurseries/products/timber	4.7	0.0	0.0	0.0	0.0	3.9	37.2	43.1	0.0	34.8	123.6
Logging	0.5	0.0	0.0	0.0	0.1	1.1	3.7	2.8	0.0	0.0	8.2
Miscellaneous wood product mfg	0.3	0.0	1.2	0.0	0.0	0.0	0.0	2.6	0.1	0.4	4.7
Other millwork, including flooring	6.4	0.0	1.1	0.0	0.0	0.6	0.4	11.6	0.0	8.8	28.8
Paper & paperboard mills	0.2	0.0	0.0	0.0	0.0	0.0	0.0	30.7	0.0	0.0	30.9
Paperboard container mfg	16.3	0.0	0.0	0.0	0.0	5.6	0.0	72.3	0.0	0.2	94.4
Prefabricated wood building mfg	0.0	0.0	0.0	0.0	0.0	3.0	1.0	0.0	0.0	0.0	4.0
Reconstituted wood product mfg	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1
Sanitary paper product mfg	0.0	0.0	0.0	0.0	0.0	0.0	0.0	162.2	0.0	0.0	162.2
Sawmills	0.0	0.0	0.0	0.0	0.0	3.6	0.0	0.0	0.0	1.7	5.3
Stationery & related product mfg	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.7	1.2
Surface-coated paperboard mfg	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	3.6
Veneer & plywood mfg	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.4	0.0	26.7	35.1
Wood container/pallet mfg	2.8	0.0	1.6	0.0	0.0	0.0	0.0	3.2	0.0	1.5	9.1
Wood preservation	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.2
Wood windows/doors mfg	27.6	3.8	0.2	0.0	0.0	0.1	1.4	1.3	0.0	6.7	41.2
<b>Total</b>	<b>75.0</b>	<b>7.3</b>	<b>4.7</b>	<b>0.0</b>	<b>0.1</b>	<b>32.9</b>	<b>45.2</b>	<b>380.1</b>	<b>0.3</b>	<b>106.6</b>	<b>652.3</b>

Table 12 (continued). Labor income impacts of agriculture and natural resource industries, south region of Florida, 2002 data

Industry Group	Broward	Charlotte	Collier	Glades	Hendry	Lee	Martin	Miami-Dade	Monroe	Palm Beach	Grand Total
<b>Fruit &amp; Vegetable Farming &amp; Processing</b>					(\$ Million)						
Frozen food manufacturing	0.0	0.0	0.0	0.0	29.3	0.0	18.2	7.3	0.0	7.2	62.1
Fruit & vegetable canning/drying	19.0	0.1	0.0	0.0	0.0	0.0	0.0	11.3	0.4	0.0	30.8
Fruit farming	1.9	13.3	73.8	3.8	73.3	17.5	29.9	13.0	0.0	13.6	240.0
Vegetable & melon farming	6.1	2.7	131.3	0.1	37.9	6.2	0.7	46.3	0.0	187.9	419.1
<b>Total</b>	<b>27.0</b>	<b>16.1</b>	<b>205.2</b>	<b>3.9</b>	<b>140.4</b>	<b>23.8</b>	<b>48.7</b>	<b>77.9</b>	<b>0.4</b>	<b>208.7</b>	<b>752.0</b>
<b>Grain &amp; Oilseed Farming &amp; Processing</b>											
Flour milling	0.0	0.0	0.0	0.0	0.0	0.0	9.7	2.1	0.0	0.0	11.7
Grain farming	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
Rice milling	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.7	4.7
<b>Total</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>9.7</b>	<b>2.1</b>	<b>0.0</b>	<b>4.8</b>	<b>16.6</b>
<b>Livestock &amp; Dairy Farming &amp; Animal Products Mfg</b>											
Animal production, except cattle & poultry	0.6	0.6	0.4	0.0	0.2	0.7	0.2	0.7	0.0	3.4	6.8
Animal, except poultry, slaughtering	3.9	0.0	0.0	0.0	0.0	0.0	0.0	9.7	0.0	5.1	18.7
Cattle ranching & farming	1.1	0.5	1.1	0.3	0.9	0.5	0.8	0.2	0.0	0.2	5.6
Cheese manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.7	0.0	0.0	6.7
Creamery butter manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fluid milk manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.5	0.0	0.0	27.5
Ice cream & frozen dessert mfg	0.1	0.0	0.0	0.0	0.0	0.5	0.0	1.2	0.0	1.7	3.5
Meat processed from carcasses	1.2	0.0	0.0	0.0	0.0	0.0	0.0	12.9	0.0	0.3	14.3
Poultry & egg production	0.0	0.0	0.1	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.7
Poultry processing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	1.5
Rendering & meat byproduct processing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.7	0.0	0.0	7.7
<b>Total</b>	<b>6.9</b>	<b>1.0</b>	<b>1.6</b>	<b>0.3</b>	<b>1.1</b>	<b>1.8</b>	<b>1.6</b>	<b>68.1</b>	<b>0.0</b>	<b>10.6</b>	<b>93.1</b>
<b>Mining</b>											
Drilling oil & gas wells	0.3	0.8	0.0	0.0	0.0	0.1	0.0	1.3	0.0	1.1	3.6
Oil & gas extraction	3.9	0.0	1.2	0.0	0.0	2.1	0.0	44.3	0.0	5.5	56.9
Other nonmetallic mineral mining	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.1	0.0	0.0	0.3
Sand/gravel/clay/refractory mining	9.3	6.8	2.6	0.9	0.4	3.3	5.3	0.0	0.0	1.1	29.7
Stone mining & quarrying	6.4	0.0	3.6	0.0	0.0	12.1	0.0	44.8	5.1	0.0	72.0
Support activities for oil & gas operations	0.2	0.0	0.6	0.0	0.0	0.0	0.0	5.8	0.0	0.8	7.5
Support activities for other mining	0.0	0.0	0.9	0.0	0.0	0.0	0.0	1.4	0.0	0.0	2.3
<b>Total</b>	<b>20.0</b>	<b>7.6</b>	<b>8.9</b>	<b>0.9</b>	<b>0.5</b>	<b>17.7</b>	<b>5.3</b>	<b>97.8</b>	<b>5.1</b>	<b>8.5</b>	<b>172.4</b>



Table 12 (continued). Labor income impacts of agriculture and natural resource industries, south region of Florida, 2002 data

Industry Group	Broward	Charlotte	Collier	Glades	Henry	Lee	Martin	Miami-Dade	Monroe	Palm Beach	Grand Total
	(\$ Million)										
<b>Other Crop Farming</b>	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	2.7
<b>Other Food Product Manufacturing</b>											
All other food manufacturing	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.3	1.7
Bread/bakery, except frozen, mfg	16.7	0.2	0.7	0.0	0.0	11.0	1.1	118.9	0.2	22.0	170.7
Breweries	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	2.3	3.9
Coffee & tea manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	0.0	0.0	3.3
Cookie & cracker manufacturing	0.3	0.0	0.0	0.0	0.0	0.0	0.0	12.8	0.0	0.0	13.1
Dog/cat food manufacturing	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7
Dry pasta manufacturing	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	1.4
Fats & oils refining/blending	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.4	0.0	0.0	9.4
Flavoring syrup/concentrate mfg	9.9	0.0	0.0	0.0	0.0	0.0	0.0	7.9	0.0	0.0	17.7
Frozen cakes & other pastries mfg	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.7	1.0	0.0	1.7
Mayonnaise/dressing/sauce mfg	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	3.0	3.5
Mixes/dough purchased flour	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
Other animal food manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4	0.0	1.9	5.3
Other snack food manufacturing	0.0	0.0	0.3	0.0	0.0	0.0	0.0	2.9	0.0	0.0	3.2
Soft drink & ice manufacturing	247.5	0.0	0.2	0.0	0.0	8.9	0.0	158.3	0.1	75.4	490.5
Spice & extract manufacturing	9.5	0.0	0.0	0.0	1.8	0.1	0.0	5.6	0.0	0.0	17.0
Tortilla manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wineries	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.2
<b>Total</b>	<b>286.8</b>	<b>0.2</b>	<b>1.3</b>	<b>0.0</b>	<b>1.8</b>	<b>19.9</b>	<b>1.1</b>	<b>325.9</b>	<b>2.8</b>	<b>105.0</b>	<b>744.8</b>
<b>Sugarcane Farming, Refined Sugar &amp; Confections</b>											
Confectionery mfg cacao beans	1.8	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	2.3
Confectionery mfg	3.3	0.0	0.0	0.0	0.0	1.8	0.2	14.2	0.4	3.5	23.3
Non-chocolate confectionery mfg	3.5	0.0	0.0	0.0	0.0	0.0	0.0	5.8	0.0	1.3	10.6
Sugar manufacturing	0.0	0.0	0.0	0.0	101.1	0.0	0.0	0.0	0.0	422.0	523.1
Sugarcane & sugar beet farming	0.0	0.0	0.0	8.0	10.3	0.0	0.8	0.0	0.0	174.6	193.7
<b>Total</b>	<b>8.6</b>	<b>0.0</b>	<b>0.0</b>	<b>8.0</b>	<b>111.4</b>	<b>2.3</b>	<b>1.0</b>	<b>20.0</b>	<b>0.4</b>	<b>601.4</b>	<b>753.0</b>
<b>Tobacco Farming &amp; Manufacturing</b>											
Cigarette manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	1.5
Other tobacco product manufacturing	4.9	0.0	0.0	0.0	0.0	0.0	0.0	26.2	0.0	0.7	31.8
<b>Total</b>	<b>4.9</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>27.7</b>	<b>0.0</b>	<b>0.7</b>	<b>33.2</b>
<b>Wildlife (hunting)</b>	<b>4.2</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.2</b>	<b>12.6</b>	<b>6.2</b>	<b>2.6</b>	<b>0.7</b>	<b>26.6</b>
<b>Grand Total</b>	<b>798.2</b>	<b>59.3</b>	<b>435.6</b>	<b>24.3</b>	<b>371.2</b>	<b>309.6</b>	<b>222.2</b>	<b>1,653.0</b>	<b>47.5</b>	<b>1,786.6</b>	<b>5,707.4</b>

Source: IMPLAN data for Florida counties (2005)

**Table 13. Indirect business tax impacts of agriculture and natural resource industries, south region of Florida, 2002 data**

Industry Group	Broward	Charlotte	Collier	Glades	Hendry	Lee	Martin	Miami-Dade	Monroe	Palm Beach	Grand Total
<b>Agricultural Inputs &amp; Services</b>											
					(\$ Million)						
Agriculture & forestry activities	1.3	0.1	3.2	0.2	4.0	1.7	1.2	5.3	0.0	10.1	27.1
Farm machinery & equipment mfg	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.1	1.1
Fertilizer, mixing only, mfg	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.1	0.3
Food product machinery mfg	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.3
Lawn/garden equipment mfg	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1
New farm housing units/additions	0.3	0.0	0.1	0.0	0.0	0.2	0.0	0.3	0.0	0.3	1.4
Nitrogenous fertilizer mfg	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.2	1.0
Pesticide & other ag chemical mfg	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.3	0.8
Phosphatic fertilizer mfg	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	1.2
Veterinary services	4.8	0.5	0.5	0.0	0.0	1.7	0.7	2.2	0.3	4.8	15.5
<b>Total</b>	<b>7.1</b>	<b>0.7</b>	<b>3.8</b>	<b>0.2</b>	<b>4.0</b>	<b>5.0</b>	<b>1.9</b>	<b>9.8</b>	<b>0.3</b>	<b>15.9</b>	<b>48.7</b>
<b>Environmental Horticulture</b>											
Greenhouse/nursery production	1.9	0.2	2.1	0.1	0.1	2.9	0.4	14.3	0.0	10.1	31.9
Landscape services (70% bldgs)	11.9	0.8	5.4	0.0	0.1	5.0	2.5	10.3	0.3	21.2	57.4
<b>Total</b>	<b>13.8</b>	<b>0.9</b>	<b>7.4</b>	<b>0.1</b>	<b>0.2</b>	<b>7.9</b>	<b>2.8</b>	<b>24.6</b>	<b>0.3</b>	<b>31.3</b>	<b>89.3</b>
<b>Fishing &amp; Seafood Products Mfg</b>											
Fishing	0.6	0.0	0.4	0.0	0.0	0.8	0.0	0.2	1.7	0.1	3.7
Seafood product prep/packaging	0.2	0.0	0.0	0.0	0.0	0.0	0.0	2.4	0.0	0.1	2.8
<b>Total</b>	<b>0.8</b>	<b>0.0</b>	<b>0.4</b>	<b>0.0</b>	<b>0.0</b>	<b>0.8</b>	<b>0.0</b>	<b>2.6</b>	<b>1.7</b>	<b>0.2</b>	<b>6.5</b>
<b>Forestry, Wood &amp; Paper Product Mfg</b>											
All other converted paper product mfg	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.8
Coated & laminated paper/packaging	0.5	0.0	0.0	0.0	0.0	0.2	0.0	0.6	0.0	0.2	1.6
Coated & uncoated paper bag mfg	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.2
Cut stock/resawing lumber/planing	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2
Die-cut paper office supplies mfg	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	1.4
Engineered wood & truss mfg	0.1	0.2	0.0	0.0	0.0	0.7	0.0	0.6	0.0	1.3	2.9
Envelope manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1
Forest nurseries/products/timber	0.8	0.0	0.0	0.0	0.0	0.5	3.0	4.3	0.0	3.3	11.8
Logging	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.2	0.0	0.0	0.6
Miscellaneous wood product mfg	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.2
Other millwork, including flooring	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.2	0.5
Paper & paperboard mills	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.9	0.0	0.0	3.9
Paperboard container mfg	1.5	0.0	0.0	0.0	0.0	0.6	0.0	6.5	0.0	0.0	8.6
Prefabricated wood building mfg	0.0	0.0	0.0	0.0	0.0	0.3	0.1	0.0	0.0	0.0	0.3
Reconstituted wood product mfg	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sanitary paper product mfg	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.3	0.0	0.0	14.3
Sawmills	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.2
Stationery & related product mfg	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.2
Surface-coated paperboard mfg	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4
Veneer & plywood mfg	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	1.6	1.9
Wood container/pallet mfg	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.2
Wood preservation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wood windows/doors mfg	1.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	1.7
<b>Total</b>	<b>5.2</b>	<b>0.4</b>	<b>0.1</b>	<b>0.0</b>	<b>0.0</b>	<b>2.5</b>	<b>3.6</b>	<b>33.2</b>	<b>0.0</b>	<b>7.1</b>	<b>52.1</b>

**Table 13 (continued). Indirect business tax impacts of agriculture and natural resource industries, south region of Florida, 2002 data**

Industry Group	Broward	Charlotte	Collier	Glades	Hendry	Lee	Martin	Miami-Dade	Monroe	Palm Beach	Grand Total
<b>Fruit &amp; Vegetable Farming &amp; Processing</b>											
					(\$ Million)						
Frozen food manufacturing	0.0	0.0	0.0	0.0	2.5	0.0	2.0	0.8	0.0	0.9	6.1
Fruit & vegetable canning/drying	2.5	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.1	0.0	4.0
Fruit farming	0.2	1.5	7.4	0.3	6.4	2.0	3.2	1.3	0.0	1.5	23.9
Vegetable & melon farming	0.6	0.2	12.4	0.0	2.6	0.6	0.1	3.9	0.0	19.3	39.7
<b>Total</b>	<b>3.3</b>	<b>1.7</b>	<b>19.8</b>	<b>0.3</b>	<b>11.6</b>	<b>2.6</b>	<b>5.3</b>	<b>7.4</b>	<b>0.1</b>	<b>21.7</b>	<b>73.8</b>
<b>Grain &amp; Oilseed Farming &amp; Processing</b>											
Flour milling	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.3	0.0	0.0	1.6
Grain farming	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rice milling	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.8
<b>Total</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1.3</b>	<b>0.3</b>	<b>0.0</b>	<b>0.8</b>	<b>2.4</b>
<b>Livestock &amp; Dairy Farming &amp; Animal Products Mfg</b>											
Animal production, except cattle & poultry	0.1	0.1	0.1	0.0	0.0	0.1	0.0	0.1	0.0	0.7	1.4
Animal, except poultry, slaughtering	0.4	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.5	1.9
Cattle ranching & farming	0.3	0.1	0.3	0.1	0.4	0.1	0.2	0.0	0.0	0.1	1.6
Cheese manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.8
Creamery butter manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fluid milk manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	0.0	0.0	2.4
Ice cream & frozen dessert mfg	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.2
Meat processed from carcasses	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.8
Poultry & egg production	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1
Poultry processing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1
Rendering & meat byproduct processing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.6
<b>Total</b>	<b>0.9</b>	<b>0.2</b>	<b>0.4</b>	<b>0.1</b>	<b>0.4</b>	<b>0.3</b>	<b>0.3</b>	<b>5.8</b>	<b>0.0</b>	<b>1.4</b>	<b>9.9</b>
<b>Mining</b>											
Drilling oil & gas wells	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.1	0.5
Oil & gas extraction	1.2	0.0	0.3	0.0	0.0	0.7	0.0	12.0	0.0	1.8	16.0
Other nonmetallic mineral mining	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sand/gravel/clay/refractory mining	0.9	0.7	0.3	0.1	0.0	0.3	0.5	0.0	0.0	0.1	3.0
Stone mining & quarrying	0.7	0.0	0.4	0.0	0.0	1.3	0.0	4.6	0.5	0.0	7.5
Support activities for oil & gas operations	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.7	0.0	0.1	0.9
Support activities for other mining	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.2
<b>Total</b>	<b>2.9</b>	<b>0.8</b>	<b>1.1</b>	<b>0.1</b>	<b>0.0</b>	<b>2.3</b>	<b>0.5</b>	<b>17.5</b>	<b>0.5</b>	<b>2.2</b>	<b>28.1</b>

Table 13 (continued). Indirect business tax impacts of agriculture and natural resource industries, south region of Florida, 2002 data

Industry Group	Broward	Charlotte	Collier	Glades	Hendry	Lee	Martin	Miami-Dade	Monroe	Palm Beach	Grand Total
	(\$ Million)										
<b>Other Crop Farming</b>	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.3
<b>Other Food Product Manufacturing</b>											
All other food manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.2
Bread/bakery, except frozen, mfg	0.5	0.0	0.0	0.0	0.0	0.3	0.0	6.3	0.0	0.7	7.9
Breweries	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.1	1.8
Coffee & tea manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	1.3
Cookie & cracker manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.9
Dog/cat food manufacturing	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
Dry pasta manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Fats & oils refining/blending	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	1.3
Flavoring syrup/concentrate mfg	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	1.2
Frozen cakes & other pastries mfg	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.2
Mayonnaise/dressing/sauce mfg	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2
Mixes/dough purchased flour	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other animal food manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.3	0.7
Other snack food manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.2
Soft drink & ice manufacturing	24.1	0.0	0.0	0.0	0.0	0.8	0.0	15.7	0.0	8.5	49.1
Spice & extract manufacturing	0.8	0.0	0.0	0.0	0.1	0.0	0.0	0.3	0.0	0.0	1.2
Tortilla manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wineries	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total</b>	26.4	0.0	0.1	0.0	0.1	1.1	0.0	27.3	0.9	10.7	66.6
<b>Sugarcane Farming, Refined Sugar &amp; Confections</b>											
Confectionery mfg cacao beans	0.2	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.2
Confectionery mfg	0.4	0.0	0.0	0.0	0.0	0.2	0.0	1.5	0.0	0.4	2.5
Non-chocolate confectionery mfg	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.2	1.3
Sugar manufacturing	0.0	0.0	0.0	0.0	10.2	0.0	0.0	0.0	0.0	57.1	67.3
Sugarcane & sugar beet farming	0.0	0.0	0.0	1.2	2.2	0.0	0.1	0.0	0.0	31.5	35.0
<b>Total</b>	1.0	0.0	0.0	1.2	12.4	0.3	0.1	2.2	0.0	89.2	106.5
<b>Tobacco Farming &amp; Manufacturing</b>											
Cigarette manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0	0.0	3.2
Other tobacco product manufacturing	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	0.0	2.2
<b>Total</b>	0.2	0.0	0.0	0.0	0.0	0.0	0.0	5.2	0.0	0.0	5.4
<b>Wildlife (hunting)</b>	0.9	0.0	0.0	0.0	0.0	0.1	1.8	1.4	0.6	0.3	5.1
<b>Grand Total</b>	62.5	4.8	33.1	2.1	28.8	22.9	17.7	137.4	4.4	180.9	494.7

Source: IMPLAN data for Florida counties (2005)