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**Profile and Economic Impacts of Agriculture and Natural Resource Industries
in the Central 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 or 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 20-county region in central 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 central region of Florida had close to 20,000 farms and more than 5 million acres of farmland with an estimated asset value of land and buildings exceeding \$14 billion. Beef and cattle ranching and farming dominated the farm numbers in the region, while all types of pasture constituted more than 3 million acres, or 69 percent of reported land use. Major areas of agricultural activities in the central region of Florida included fruits (citrus), tree nuts, and berries; nursery, greenhouse, and sod; livestock, poultry, milk, and dairy products; and vegetables, melons, and potatoes. The market value of agricultural products sold in the central region of Florida exceeded \$2.6 billion in 2002, where the value of fruits (citrus), tree nuts, and berries constituted the highest portion, with \$1.1 billion, or more than 41 percent of the regional total. Net farm cash income from farm operations exceeded \$641 million for all farms in the region for the same period. Polk County had the highest farm numbers and estimated asset value of land and buildings, while Osceola County had the highest farm acreage and Hillsborough County had highest value of all agricultural products sold in the central region of Florida. Changes in the region during the 1997-2002 period included an 8 percent increase in the number of farms and a 12 percent decrease in cropland acreage. The market value of all agricultural products sold decreased by 3 percent between the two census periods. While the value of fruits (citrus), tree nuts, and berries increased by 5 percent, the value of all livestock, poultry and their products decreased by 9 percent during the 1997-2002 period.

The total economic impacts for all agriculture and natural resource industries in the central region of Florida exceeded \$27 billion in output in 2002. The fruit and vegetable farming and processing industry was the largest sector, contributing more than \$7.6 billion in total output impacts and accounting for 28 percent of the total in the region. More than 300,000 full- and part-time jobs were generated by agricultural and natural resource industries in the region. The agricultural input and services industry produced more than 91,000 jobs and accounted for over 30 percent of total employment impacts for all industry groups in the region. The total value-added impacts of the agricultural and natural resource industries exceeded \$13.6 billion in 2002. Once again, the fruit and vegetable farming and processing industry with \$4 billion in value-added impacts accounted for more than 29 percent of the total value-added impacts (the highest for the region). In terms of economic impacts, Hillsborough County had the highest output impacts and value-added impacts, while Polk County had the highest employment impacts in the central region of Florida.



Figure 1. Study area in central region of Florida: Brevard, Citrus, DeSoto, Hardee, Hernando, Highlands, Hillsborough, Indian River, Lake, Manatee, Okeechobee, Orange, Osceola, Pasco, Pinellas, Polk, St. Lucie, Sarasota, Seminole, and Sumter Counties.

Introduction

This report provides a profile of agriculture and natural resource industries and an overview of their economic impacts for a 20-county region in central Florida (Figure 1). Additional reports provide similar information for the northeast, northwest, south, 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.¹

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 Agriculture² 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 19,600 farms in the central region of Florida in 2002, accounting for 45 percent of all farms in the state (Table 1). Beef and cattle ranching and farming constituted the largest number of farms (7,364), or more than 37 percent of all farms in this region. Fruit and tree nut farming ranked second (6,465 farms, or 33 percent of the regional total), while animal aquaculture and other animal production ranked third (2,638 farms, or 13 percent of the regional total). The central region had no tobacco or cotton farms. Polk County with 3,114 farms had the highest farm numbers in the central region (16 percent of all farms in the region), followed by Hillsborough County with 2,969 farms (15 percent of all farms in the region). DeSoto, Hardee, Highlands, Lake, and Pasco Counties each had more than 1,000 farms.

¹ IMPLAN Professional, Social Accounting & Impact Analysis Software, 2nd Edition, June 2000, Minnesota IMPLAN Group, Inc., 1725 Tower Drive West, Suite 140, Stillwater, Minnesota 55082, www.implan.com

² 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 and Investment in Land, Buildings, and Machinery

The central region had more than 5,116,000 acres of land in farms, accounting for 49 percent of total farming acreage for Florida (Table 2). Within the region, Osceola County had the largest farm acreage (more than 652,000 acres, or 13 percent of all farmland in the region) and Polk County was second in the region (more than 626,000 acres, or 12 percent of the regional total). The largest average farm size was in Osceola County (1,258 acres per farm), followed by Okeechobee County (615 acres per farm). An average farm size of less than 100 acres was reported for Hillsborough, Pinellas, and Seminole Counties.

The estimated asset value of land and buildings for farms in the central region exceeded \$14 billion, accounting for 48 percent of the total value for all of Florida and for an average value of \$810,000 per farm in the region. Across the region, Polk County had the highest value for land and buildings (\$1.8 billion), while Hillsborough County had the second highest total (\$1.3 billion). The estimated asset value of land and buildings in Highlands and Osceola counties each exceeded \$1 billion. The average value of land and building per farm ranged from slightly more than \$362,000 in Pinellas County upwards to more than \$2 million in Osceola County.

For the region as a whole, the total number of farms decreased by 8 percent, while the total farm acreage increased by 2 percent, and total asset values increased by 17 percent during the 1997-2002 period. Not all counties, however, followed the regional patterns of change. The number of farms reported in DeSoto County increased by 23 percent between the two census periods. Pinellas County had the highest farm number decrease at 33 percent. Farm numbers remained almost unchanged in Highlands, Lake, Okeechobee, and Polk Counties, increased 5 percent in Citrus County, and decreased in all other counties in the region between the two census periods.

Farm numbers, however, do not always tell the entire story of changes in agriculture at the county level. The 23 percent increase in the number of farms in DeSoto County (1997-2002) is a case in point. The actual census data (not reported but summarized in Table 2) show an increase of 212 farms in DeSoto County, from 941 in 1997 to 1,153 in 2002. The 212 farm increase came primarily in the farm groups in the 1-9 acres category (61 farms) and the 10-49 acres category (123 farms). There was a smaller increase in farms in the 50-1999 acres category (28 farms). Total farm acreage in DeSoto County increased by 20 percent, and the average farm size decreased by 2 percent. These farm numbers appear to reflect the popularity of small farm development in DeSoto County.

The farm acreage reported for DeSoto County increased by 20 percent (the largest increase), and reported farm acreage in Pinellas County decreased by 44 percent (the largest decrease). Six other counties reported increases in farm acreage, while decreases were reported for 9 counties across the region. As noted earlier, the net effect at the regional level was a modest increase (2 percent) in reported farm acreage over the 1997-2002 periods.

For the region as a whole, the estimated value of farm investments in land and buildings increased by 17 percent between 1997 and 2002. Across the region, 11 counties had percentage increases in the value of land and buildings that exceeded the average increase for the region. Manatee County had the highest increase (35 percent) in the estimated asset value of land and buildings, while the total value of land and buildings decreased in 5 counties.

Farmland Use

Agricultural lands in the central region of Florida were used mainly for cropland, nursery, greenhouse, floriculture, pasture, rangeland, and woodland. Over 1,540,000 acres were used as cropland in the region in 2002. Harvested cropland constituted 57 percent of the total cropland (Figure 2). Nursery, greenhouse, and floriculture included about 100 million square feet under glass or other protection plus close to 60,000 acres in the open. Over 3 million acres were used for all types of pasture, and there were about 780,000 acres in total woodland, with 76 percent of it used as pasture. Land enrolled in conservation or Wetlands Reserve Programs and federal or other crop insurance programs represented 307,000 acres out of a total of more than 1.5 million acres (Tables 3A & 3B).

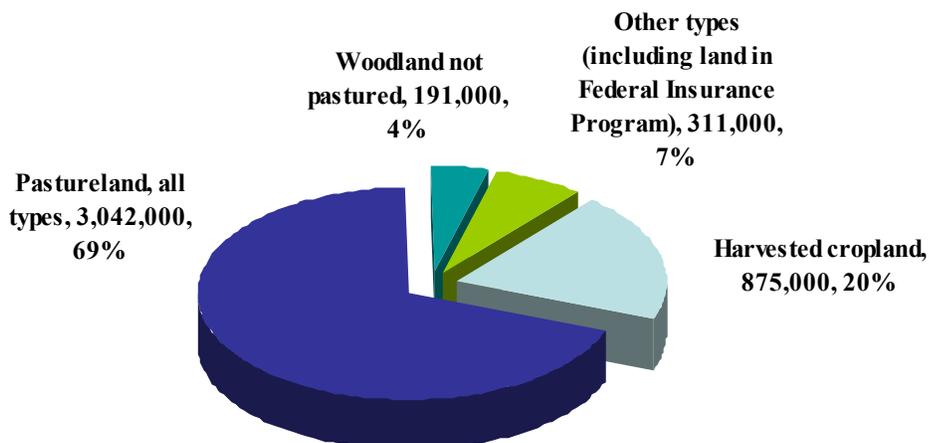


Figure 2. Land use in the central region of Florida by acre and percent of total

For cropland, Polk and Highlands Counties, with 190,000 and 169,000 acres of cropland respectively, ranked first and second, followed by DeSoto, Hardee, Hillsborough, Indian River, Manatee, Okeechobee, and St. Lucie Counties, each with more than 100,000 acres of cropland. For harvested cropland, Polk County ranked first in the region, with over 134,000 acres, followed by Highlands, and St. Lucie Counties, with more than 99,000 and 98,000 acres, respectively. Osceola was the leading county for land used for pasture, with more than 533,000 acres, followed by Highlands, and Polk Counties, each with more than 400,000 acres.

Orange was the largest county for nursery, greenhouse, and floriculture production, with more than 32 million square feet under glass or other protection (33 percent of the regional total), while Highlands and Osceola Counties had the highest nursery, greenhouse, and floriculture production in the open, each with more than 9,000 acres (each representing 15 percent of regional total) in 2002.

For the central region as a whole, reported cropland acreage increased by 8 percent, while harvested cropland decreased by 7 percent. The pastureland and rangeland acreage decreased by 19 percent during the 1997-2002 period. There was, however, significant variation across the region. Reported changes in cropland acreage ranged from an 83 percent increase in Sarasota County to a 48 percent decrease in Seminole County. Overall, 9 counties reported cropland acreage increases by a larger percentage than the regional average, and 8 counties reflected a decrease between the two census periods. In addition to Seminole County, significant increases in cropland acreage were reported for Highlands, Okeechobee, and Osceola Counties.

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

Table 4 reports the market value of agricultural products sold in the central 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 market value of agricultural products sold in the central region of Florida exceeded \$2.6 billion in 2002 (Table 4), averaging over \$135,000 per farm. Average value varied dramatically from \$315,000 in Manatee County (the highest) to \$15,000 in Citrus County (the lowest). Total farm production expenses exceeded \$2 billion, averaging over \$108,000 per farm. Net farm cash income from operations in 2002 exceeded \$641 million for all farms in the region. Net farm cash income from operations was negative for Sumter County and less than \$500 for Citrus and Pinellas Counties. Across the region, market value of products sold decreased by 3 percent between the two census periods, but increases in the total market values were reported in 10 of the 20 counties in the region.

Hillsborough County registered the highest market value of agricultural products sold in the central region, with more than \$392 million (15 percent of regional total), and the highest net farm cash income from operations, with \$107 million (17 percent of regional total). Polk County was second behind Hillsborough in the market value of agricultural products sold, while Lake County was the second in the net farm cash income from operations.

Value of Agricultural Products by Commodity Group

For the central region of Florida, the value of fruits, tree nuts, and berries constituted the highest portion of the market value of agricultural products in 2002, amounting to almost \$1.1 billion, or 41 percent of the regional total (Table 5). The value of nursery, greenhouse, floriculture, and sod was the second highest with about \$723 million, or 27 percent of the regional total (Figure 3). The value of the other vegetables, melons, potatoes, and sweet potatoes ranked third with almost \$271 million,

or 10 percent. The market value of the other livestock (except milk and dairy products) along with aquaculture exceeded \$353 million, or 13 percent of the total. Hillsborough County registered the highest market value of agricultural products, exceeding \$333 million (15 percent of the region). Polk County had the highest value for fruits, tree nuts, and berries (\$217 million or 20 percent of the region), while Orange County had the highest value for nursery, greenhouse, floriculture, and sod products (more than \$217 million, or 30 percent of the value of these products in the region).

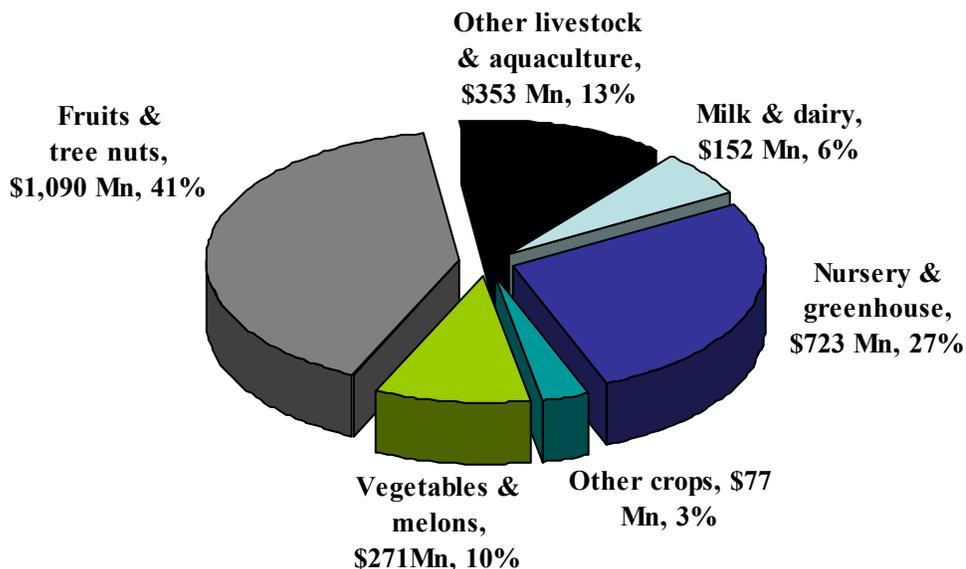


Figure 3. Market value of agricultural products sold in 2002 by commodity group in central region of Florida

Trends during 1997-2002 showed a 9 percent decrease in the value of livestock, poultry, and their products for the region. Within this broader group, the value of poultry decreased by 43 percent, milk and dairy products decreased by 19 percent, while cattle and calves' increased by 4 percent. The value of fruits, tree nuts, and berries (the major crop in the central region) increased by 5 percent during 1997-2002; however, the extent of change in most counties was far from average and ranged from an increase of 63 percent in Hernando County to a decrease of 36 percent in Osceola County.

Principal Operator, Business Organization, and Ethnicity

In 2002, there were more than 28,000 farm operators in the central region (31 percent were women). Farming was indicated as a primary occupation by 52 percent of all farm operators (Table 6). Hillsborough County, with more than 4,400 farm operators, accounted for 24 percent (the highest number of farm operators in the central region). The number of women operators in Hillsborough County was also the highest in the region.

Trends during 1997-2002 showed that the number of farmers who reported farming as the primary occupation in the central region increased by 16 percent. During the same time period, the number of farms with farming as the primary occupation in Okeechobee, De Soto, and Highlands Counties increased by 49, 47, and 46 percent, respectively.

With respect to the type of business organization, most farms (81 percent) in the central region 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 19 percent of the total number of farms (Figure 4). While the number of all corporate farms (family and non-family held) was only 11 percent of all farms in the region, they represented 37 percent of farm acreage. Also, partnership farms, with 6 percent of all farms, had more than 20 percent of the farm acreage, whereas the family and individual farms accounted for 42 percent of all the farm acreage in the region (Figure 4).

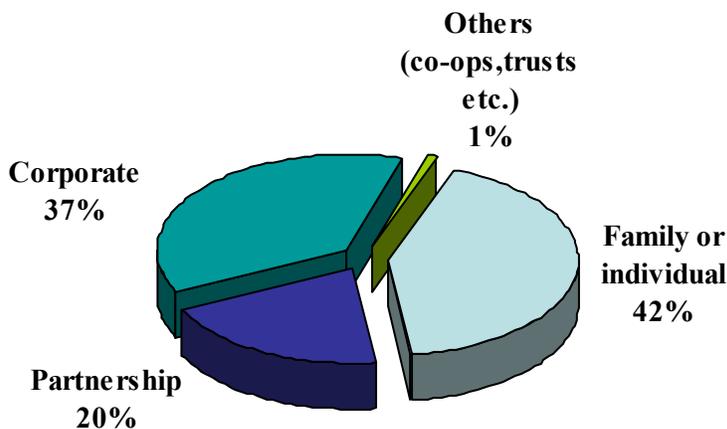


Figure 4. Farm acreage percentages by type of business organization in central region of Florida

The white ethnic group operated most of the farms in the central region. 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 93 percent of all farm operators and operated 97 percent of all farm acreage in the region (Table 8). Hillsborough County had the highest number of minority ethnic group farms, farm operators and acreage.

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 central 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.³

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, impacts associated with indirect inter-industry purchases of inputs by agriculture and its supplying industries, and the

³ 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>.

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 central region of Florida. The total output impacts for all counties in the central region exceeded \$27 billion. Fruit and vegetable farming and processing was the largest sector, contributing over \$7.6 billion in total output impacts and accounting for 28 percent of the total in the region. The agricultural inputs and services sector with more than \$6.3 billion in output impacts is the next largest sector in the region. Other food products manufacturing with close to \$4 billion; environmental horticulture with more than \$3 billion; and forestry, wood and paper products manufacturing with \$2.4 billion in output impacts were also major contributors to the output impacts of agriculture and natural resource industries in the region.

In total output impacts, Hillsborough and Polk Counties with more than \$6.7 billion and \$6.6 billion in output impacts, respectively, were the largest, followed by Orange and Manatee Counties with \$3.1 and \$2.6 billion. The agricultural inputs and services sector in Polk County with \$2.7 billion accounted for 43 percent of total output impacts for this sector in the region and 40 percent of the total output impacts for the county. Orange County had the highest output impact in environmental horticulture, with a total of \$802 million, or 26 percent of the total for the region. Hillsborough County had more than \$430 million in output impacts in the fishing and seafood products sector, or 60 percent of the total for this sector in the region. Manatee County had the highest output impacts in fruit and vegetable farming and processing accounting, with 29 percent of the total for this sector in the region and 84 percent of the total output impacts for the county.

Employment Impacts

Employment impacts of agriculture and natural resource industries by county and industry group are reported in Table 10. More than 306,000 full- and part-time jobs were generated by agricultural and natural resource industries in the central region of Florida. The agricultural inputs and services sector (the dominant industry group) produced over 91,000 jobs, accounting for 30 percent of total employment impacts for all industry groups in the region. The fruit and vegetable farming and processing industry and the environmental horticulture industry produced employment impacts of more than 75,000 and 56,000 jobs, accounting for 25 and 18 percent of employment impacts for the region, respectively (Figure 5). These three industry groups accounted for 73 percent of all employment impacts in the region. The other food manufacturing industry produced 26,000 jobs.

Polk and Hillsborough Counties had the dominant position in employment impacts, with more than 67,000 and 63,000 jobs, respectively, accounting for 22 and 21 percent of the total for the region. Orange County with a total of more than 32,000 jobs reflected a strong employment impacts in the other food manufacturing sector (6,500 jobs), accounting for 25 percent of the total for the region.

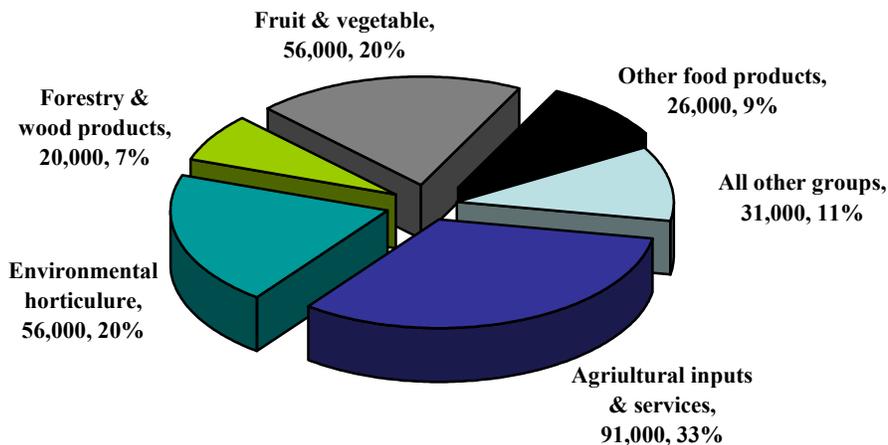


Figure 5. Employment impacts by industry group and the number of jobs in central region of Florida

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 central region exceeded \$13.6 billion (Table 11). Fruit and vegetable farming and processing with \$4 billion in value-added impacts (the highest in the region) accounted for over 29 percent of total value-added impacts for the region. Agricultural inputs and services with \$2.8 billion was another major contributor to total value-added impacts. Environmental horticulture (greenhouse/nursery production and landscaping services) generated value-added impacts of over \$2 billion (Figure 6).

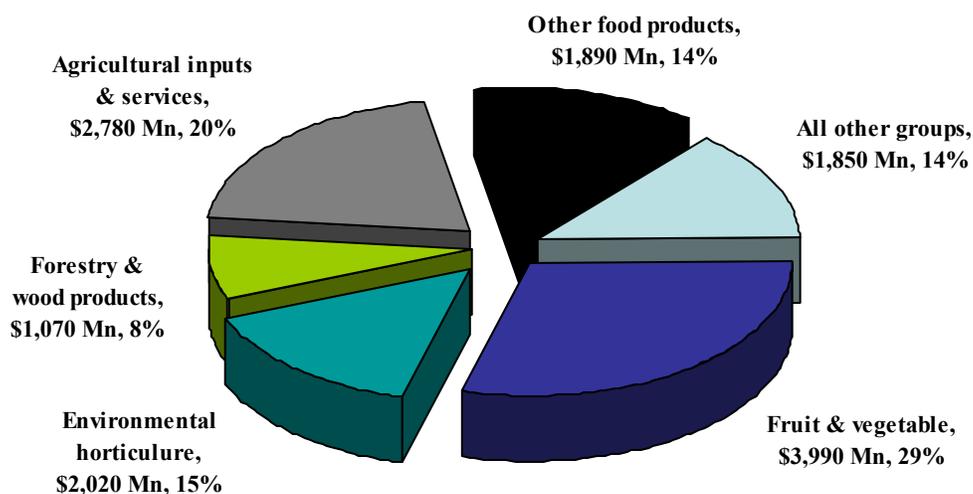


Figure 6. Value-added impacts by industry group in central region of Florida

Hillsborough County with \$3.2 billion accounted for over 24 percent of the value-added impacts, and Polk County with \$3.1 billion accounted for 23 percent of the total value-added impacts for all counties in the region. Hillsborough County's dominant position was obvious in most sectors of the agricultural and natural resource industries; however, Polk County with more than \$1 billion in the agricultural inputs and services sector had the highest impact for the region. Polk County had also the highest value-added impacts in the mining sector, with \$382 million, or 60 percent of the total for the region. Manatee County's value-added impact of \$1.2 billion in the fruit and vegetable farming and processing sector was the highest in the region, accounting for 30 percent of the total.

Labor Income Impacts

Labor income impacts totaled over \$8.8 billion (Table 12). More than 25 percent of the total labor income impact was due to activities in fruit and vegetables farming and processing (\$2.2 billion). Other major contributors included the agricultural inputs and services sector (\$2.2 billion), environmental horticulture with \$1.4 billion, and the other food product manufacturing sector with \$1.1 billion in labor income impacts.

For labor income impacts, Hillsborough and Polk Counties were the largest, with more than \$2.1 billion and \$2 billion, respectively, accounting for 24 and 20 percent of the regional total. Labor income impacts of \$629 million in Manatee County for the fruit and vegetables farming and processing, and \$542 million in Orange County for environmental horticulture ranked first 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 \$857 million for the region (Table 13). Like most of the other economic impact measures, the fruit and vegetable farming and processing sector with a total of \$239 million indirect business tax impacts topped the same value for the other sectors in the region. For indirect business tax impacts, Polk County showed its dominant position in the central region with \$220 million, or 26 percent. Hillsborough County had \$194 million in total indirect business tax impacts, accounting for over 22 percent of this value for the whole central region in Florida. Orange County showed the next highest indirect business tax impacts in the region with \$82 million.

Acknowledgement

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

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

County	Total farms	Oilseed & grain farming (1111)	Vegetable & melon farming (11121)	Fruit & tree nut farming (1113)	Greenhouse, nursery, & floriculture (1114)	Other crop farming (1119)	Sugarcane, hay, & other crop (11193, 11194, 11199)	Beef cattle ranching & farming (11211)	Dairy cattle & milk production (11212)	Hog & pig farming (1122)	Poultry & egg production (1123)	Sheep & goat farming (1124)	Animal aquaculture & other animal production (1125,1129)
Brevard	555	1	4	225	64	8	8	117	-	2	5	7	122
Citrus	432	-	4	27	28	9	9	196	1	10	8	13	136
DeSoto	1,153	2	6	594	28	16	16	410	12	5	6	4	70
Hardee	1,142	-	8	598	40	11	11	416	5	4	1	-	59
Hernando	617	1	10	55	39	37	37	298	6	6	12	8	145
Highlands	1,035	-	7	368	80	6	6	447	23	28	6	13	57
Hillsborough	2,969	3	85	799	254	47	47	1,146	42	33	25	40	495
Indian River	480	-	8	250	37	3	3	81	-	3	7	2	89
Lake	1,798	4	27	569	279	50	50	567	8	13	9	15	257
Manatee	852	2	39	151	110	7	7	391	11	10	2	-	129
Okeechobee	638	-	10	45	29	9	9	456	30	-	2	3	54
Orange	901	-	1	247	312	12	12	164	6	1	12	5	141
Osceola	519	-	3	116	58	7	7	239	-	5	5	6	80
Pasco	1,222	1	9	291	70	38	38	533	19	17	27	20	197
Pinellas	111	-	2	12	62	3	3	6	-	-	4	1	21
Polk	3,114	10	23	1,732	137	21	21	904	13	16	15	21	222
St. Lucie	477	-	4	245	35	-	-	111	2	11	1	11	57
Sarasota	371	-	3	38	54	6	6	165	-	1	8	3	93
Seminole	376	-	1	90	71	3	3	87	3	4	8	7	102
Sumter	902	4	24	13	29	45	45	630	24	9	5	7	112
Total	19,664	28	278	6,465	1,816	338	338	7,364	205	178	168	186	2,638

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, central 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 and buildings				Estimated asset value, machinery & equipment
	(Number)	(% chg)	(Acres)	(% chg)	(Acre/farm)	(% chg)	(Number)	(Acres)	(Number)	(Acres)	(Number)	(Acres)	(\$1000)	(% chg)	(\$/farm)	(\$/acre)	(\$/farm)
Brevard	555	-9	187,570	-33	338	-27	460	8,756	53	10,200	42	168,614	437,722	-1	783,045	2,385	42,237
Citrus	432	5	47,209	-6	109	-10	351	8,400	68	14,000	13	24,809	133,781	19	309,677	2,498	28,773
De Soto	1,153	23	388,177	20	337	-2	892	21,882	151	30,742	110	335,553	905,985	9	786,445	2,415	38,912
Hardee	1,142	-12	346,191	0	303	13	731	21,317	279	61,938	132	262,936	819,371	-11	718,746	2,341	40,190
Hernando	617	-4	65,315	17	106	23	507	12,548	82	18,618	28	34,149	264,996	21	429,492	5,093	51,371
Highlands	1,035	1	576,900	18	557	16	715	18,585	188	44,720	132	513,595	1,246,204	30	1,206,393	2,256	48,988
Hillsborough	2,969	-19	284,910	8	96	33	2,617	52,131	257	49,233	95	183,546	1,350,058	8	454,871	5,410	42,898
Indian River	480	-8	191,333	12	399	23	351	6,860	70	16,491	59	167,043	550,135	-6	1,146,115	2,969	41,314
Lake	1,798	-1	180,245	-7	100	-6	1,558	34,475	175	37,021	65	108,749	803,802	32	447,801	4,290	26,616
Manatee	852	-5	301,231	12	354	18	557	13,906	176	37,620	119	249,705	926,020	35	1,086,878	3,142	50,879
Okeechobee	638	1	392,495	1	615	0	350	9,032	145	34,068	143	349,395	802,538	33	1,263,840	2,037	32,721
Orange	901	-15	146,637	-17	163	-1	781	14,670	93	17,721	27	114,246	571,809	3	634,638	3,931	49,786
Osceola	519	-19	652,673	6	1,258	31	368	7,685	75	17,881	76	627,107	1,075,015	32	2,067,337	1,690	72,904
Pasco	1,222	-9	168,716	0	138	10	1,018	21,628	152	28,879	52	118,209	697,777	25	570,545	3,863	22,407
Pinellas	111	-33	1,589	-44	14	-18	105	505	6	808	0	0	39,888	-7	362,615	31,732	32,118
Polk	3,114	-1	626,634	0	201	2	2,419	60,201	508	105,593	187	460,840	1,835,381	29	588,641	2,899	36,440
St. Lucie	477	-22	221,537	-4	464	23	303	7,778	109	24,266	65	189,493	742,933	22	1,564,070	3,239	58,765
Sarasota	371	-20	121,310	-6	327	17	295	5,316	38	8,166	38	107,034	312,242	-1	841,623	2,995	22,024
Seminole	376	-21	27,987	-32	74	-15	345	5,460	27	4,327	4	0	160,155	16	424,814	6,137	14,884
Sumter	902	-11	187,373	-1	208	11	670	18,827	188	38,670	44	129,876	454,352	23	502,601	2,405	23,327
Total	19,664	-8	5,116,032	2	308	11	15,393	349,962	2,840	600,962	1,431	4,144,899	14,130,164	17	809,509	4,686	38,878

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, central 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)	(Square feet)	(Acres)
Brevard	23,106	-16	15,651	-30	2,835	89		491,312	3,195
Citrus	12,331	-38	4,051	-40	343	-13		309,360	67
De Soto	115,356	-8	87,005	-3	5,127	-60	164	565,944	5,297
Hardee	115,676	10	70,728	4				8,311,588	3,563
Hernando	24,260	21	12,139	70				92,443	471
Highlands	168,996	42	99,362	6	921	-75	67	6,406,413	9,009
Hillsborough	126,158	17	59,342	-5	5,468	-41	294	11,194,217	5,241
Indian River	102,916	19	65,311	-15	3,746	303	36	139,676	
Lake	73,958	-8	35,899	-14				21,246,083	4,225
Manatee	117,173	14	60,900	-6	5,508	-16		6,625,064	4,903
Okeechobee	115,292	68	38,984	8	1,565	28		51,676	2,125
Orange	25,489	-42	16,904	-45	3,512	-48		32,728,420	4,393
Osceola	76,148	50	27,448	-9	1,166	-27		702,610	9,108
Pasco	52,943	-8	21,332	-17				1,469,737	1,522
Pinellas			319	-47				905,228	89
Polk	189,970	2	134,101	2	7,206	-14		4,816,271	3,043
St. Lucie	118,847	-13	97,929	-20	748	-78		1,707,134	517
Sarasota	33,362	83	6,418	18	44			357,106	1,314
Seminole	3,763	-48	2,564	-41				1,296,180	813
Sumter	44,950	-17	18,131	4	560		89	190,570	722
Total	1,540,694	8	874,518	-7	38,749	-32	650	99,607,032	59,617

(1) Aquatic Plants, Mushrooms, Flower & 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, central region of Florida, 2002, and percent change, 1997-2002

County	Pasture- and 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 cropland	Land enrolled in federal or other crop insurance programs
	(Acres)	(% chg)	(Acres)	(% chg)	(Acres)	(% chg)	(Acres)	(% chg)	(Acres)	(% chg)	(Acres)	(% chg)	(Acres)	(Acres)
Brevard	90,039	-56	143,849	-40	57,518	41	49,190	41	8,328	46	94	-57		4,931
Citrus	15,266	-11	33,870	-5	13,772	34	10,667	84	3,105	-30				2,313
DeSoto	201,221	28	256,342	34	36,676	127	31,897	193	4,779	-9				36,646
Hardee														
Hernando														
Highlands	211,057	-31	420,849	17	149,947	233	141,079	326	8,868	-25				54,213
Hillsborough	92,497	3	171,303	6	33,131	-28	17,458	-52	15,673	64	540	-80	235	21,305
Indian River	45,828	40	106,510	102	34,139	-17	26,823	138	7,316	-76			503	35,161
Lake														
Manatee	104,172	-11	184,028	3	38,266	12	29,091	0	9,175	74	(D)		28	
Okeechobee	238,584	-12	334,478	6	23,206	-18	21,151	34	2,055	-84	1,069	103		18,235
Orange	87,296	30	113,246	-1	25,744	-52	20,877	-48	4,867	-65			20	5,445
Osceola	359,041	-27	533,227	-4	186,679	216	126,652	164	60,027	440	9			7,883
Pasco														
Pinellas					131	-55	55		76					34
Polk	303,046	4	411,959	-3	78,191	-32	60,250	-31	17,941	-33	1,216	-8	394	48,862
St. Lucie		-100	111,749	30					1,073	-61	46	-97	36	60,806
Sarasota	50,831	-41	107,470	-8	33,732	59	29,739		3,993				39	851
Seminole														
Sumter	62,463	-31	113,315	-20	68,472	110	24,593		43,879		158	-65		10,326
Total	1,861,341	-19	3,042,195	2	779,604	42	589,522	66	191,155	37	3,132	-71	1,255	307,011

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, central 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)
Brevard	42,159	8	75,961	18	52	31,018	55,489	13,383	23,941
Citrus	6,606	1	15,293	-3	57	7,609	17,614	450	1,042
DeSoto	180,096	-1	156,198	-19		138,594	120,307	44,586	38,703
Hardee	166,203	7	145,537	21	230	125,496	110,084	41,582	36,476
Hernando	21,708	-10	35,183	-5	128	20,380	33,031	3,010	4,878
Highlands	236,005	16	228,024	14	135	191,890	185,760	47,131	45,625
Hillsborough	392,432	12	132,176	39	527	286,542	96,544	107,406	36,188
Indian River	116,913	20	243,569	31	78	89,860	187,209	28,681	59,752
Lake	178,076	4	99,041	5	103	98,308	54,768	75,401	42,006
Manatee	268,480	11	315,118	18	112	210,921	247,559	62,114	72,903
Okeechobee	144,376	5	226,295	4	405	125,477	197,602	22,223	34,997
Orange	242,688	-3	269,354	14	45	171,993	190,891	70,135	77,841
Osceola	64,941	-28	125,128	-11	186	58,994	113,450	7,465	14,355
Pasco	84,200	-3	68,904	6	213	69,995	57,232	21,793	17,819
Pinellas	7,960	-36	71,710	-4	18	7,847	71,332	236	2,149
Polk	284,787	10	91,454	12	200	213,826	68,578	71,376	22,892
St. Lucie	127,907	-27	268,149	-6	93	114,284	240,597	16,275	34,263
Sarasota	17,801	-28	47,982	-11		16,208	43,686	3,841	10,354
Seminole	19,211	-8	51,094	17		14,357	38,083	6,187	16,412
Sumter	30,644	-14	33,974	-3	326	34,874	38,577	-2,061	-2,280
Total	2,633,193	-3	135,007	7	2,908	2,028,473	108,420	641,214	29,516

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, central 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)	(% chg)	(\$1000)	(% chg)	(\$1000)	(% chg)	(\$1000)	(% chg)	(\$1000)	(% chg)	(\$1000)	(% chg)	(\$1000)	(% chg)	(\$1000)	(% chg)	(\$1000)	(% chg)	(\$1000)	(% chg)	(\$1000)	(% chg)	(\$1000)	(% chg)
Brevard	35,306	7			14,156	1	17,908	143	6,853	13	5	-44	5,484	29			16	-90	5		92		1,019			
Citrus	4,705	28	207		2,161		2,224	105	1,901	-33	11		1,019	-40			11	-68	39		348					
DeSoto	150,446	-6	2,583		137,271	-6	10,209		29,650	29			18,637	45			1	-98	4		203					
Hardee	129,599	10	11,199		91,516	-10	26,588		36,604	-3			15,958	7	19,797	-6	11		2							
Hernando	8,176	24			1,621	63	5,822		13,532	-22					6,138	9	75	-75	15		531		12			
Highlands	204,808	22			154,975	11	48,847		31,197	-13			20,880	13	9,620	-41	103	-34	7		95					
Hillsborough	333,745	23	73,916		143,053	2	115,794	941	58,687	-26	13,344	-35	11,530	-10	9,735	-16	167	-77	74		1,293		21,006			
Indian River	110,225	21			87,821	3			6,688	9	12		4,903	46			5		4				1,462			
Lake	166,274	14	740		27,493	15	137,455	484	11,801	-53			4,896	2	3,623	-59	39	-61			553		37			
Manatee	247,023	12	158,557		49,188	10	39,012		21,457	5	40		9,154	16	9,959	-13	28	-65	11		548		949			
Okeechobee	36,677	11	13,073		19,626	-3	3,848		107,699	2	1	-50	27,758	18	79,389	-2					142		140			
Orange	239,492	-3					220,167	151	3,195	-14	42		2,056	-31	68		12	-84	7		253		274			
Osceola	43,953	-28	5,130		19,051	-36	19,293		20,988	-27			19,854	-3			9	-74	9				417			
Pasco	34,616	10			15,812	2	12,528		49,584	-10					10,368	-17	111	-78	44		460		30			
Pinellas	7,622	-37							338	50	4										183					
Polk	249,232	21	3,038		217,620	23	28,270		35,554	-31			18,783	18			44	-82	35		650		5,476			
St. Lucie	112,346	-31			101,968	-28			15,561	47	4						15	-74	14		119					
Sarasota	13,343	-24			4,865	47	8,312		4,458	-39			3,637	-17			9	-87	2							
Seminole	17,949	-4	29		1,233	-18	16,680	7	1,262	-39	13		759	-15	60		38	-7	12		269		84			
Sumter	14,022	44	2,378		127		10,191	1,322	16,622	-35			7,548	-10	3,011	-24	13	-86	15		2,786					
Total	2,159,559	6	270,850		1,089,557	5	723,148	3,153	473,631	-9	13,476	-43	172,856	4	151,768	-19	707	-71	299		8,525		30,906			

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, and primary occupation of farmers, central region of Florida, 2002, and percent change 1997-2002

County	Total operators	Total women operators	Farming primary occupation		Other primary occupation		Female farmers			
	(Number)	(Number)	(Number)	(% chg)	(Number)	(% chg)	(Number)	(% chg)	(Acres)	(% chg)
Brevard	819	260	296	37	259	-34	116	25	16,443	46
Citrus	655	248	205	31	227	-11	97	41	3,128	-22
DeSoto	1,567	415	606	47	547	3	150	1	40,829	34
Hardee	1,591	398	602	12	540	-28	163	-11	27,891	-10
Hernando	950	341	335	31	282	-28	132	10	7,848	-7
Highlands	1,479	416	590	46	445	-28	156	-1	44,575	-41
Hillsborough	4,412	1,449	1,608	3	1,361	-36	589	1	25,110	-6
Indian River	685	186	264	-13	216	-2	84	24	7,326	88
Lake	2,698	879	816	23	982	-15	327	30	16,030	-31
Manatee	1,331	427	448	3	404	-13	145	-7	22,597	17
Okeechobee	951	295	354	49	284	-28	78	-6	13,177	-64
Orange	1,346	463	459	-17	442	-14	188	6	9,059	-26
Osceola	793	249	275	-6	244	-29	102	-2	29,333	2
Pasco	1,816	617	620	14	602	-24	235	0	12,021	-16
Pinellas	168	65	46	-35	65	-32	35	-5	359	10
Polk	4,216	995	1,623	39	1,491	-25	436	-6	66,576	11
St. Lucie	742	207	265	-12	212	-31	68	-12	12,629	107
Sarasota	583	218	194	24	177	-42	92	12	20,122	-5
Seminole	543	197	166	-14	210	-26	80	-4	3,103	24
Sumter	1,289	411	478	26	424	-34	151	-11	20,239	-12
Total	28,634	8,736	10,250	16	9,414	-25	3,424	3	398,395	-9

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, central region of Florida, 2002, and percent change, 1997-2002

County	Family or individual farms				Partnership farms				Family-held farm corporation				Other than family held farm corporation				Other cooperative, estate or trust, institution, etc		
	(Number)	(% chg)	(Acres)	(% chg)	(Number)	(% chg)	(Acres)	(% chg)	(Number)	(% chg)	(Acres)	(% chg)	(Number)	(% chg)	(Acres)	(% chg)	(Number)	(% chg)	(Acres)
Brevard	484	2	58,670	-44	28	-53	52,557	16	34	-47	16,460	-70	5	-29			4	33	
Citrus	401	8	38,257	0	7	-67	4,365	-19	18	38	3,268	-26	1	-50			5	-17	
DeSoto	954	34	215,204	43	94	-28	75,581	-7	77	0	76,775		21	62	18,283	-61	7	17	2,334
Hardee	891	-7	216,864	27	118	-27	79,056	23	100	-25	34,963	-64	15	-17	10,847	64	18	-25	4,461
Hernando	560	1			16	-56	6,226	191	30	-19	15,568	60	2	-80			9	13	
Highlands	807	8			66	-25	26,858	-81	134	-9	305,971	58	20	-23	3,472	-85	8	0	
Hillsborough	2,579	-17	149,203	1	111	-50	50,263	19	234	-21	69,805	4	26	-28	14,761	116	19	-24	878
Indian River	360	1			32	-48	30,094	-43	69	-18	73,426	-5	15	-6	7,617	9	4	-33	
Lake	1,488	3	89,365	-21	90	-22	21,879	2	170	-19	57,786	12	29	-9	7,789	43	21	75	3,426
Manatee	649	-4	129,722	24	80	1	58,242	6	86	-26	87,581	19	27	50	16,469	-52	10	43	9,217
Okeechobee	522	4	200,087	11	26	-37	46,057	37	81	-1	132,578	-20	3	-50			6	200	
Orange	631	-10			66	-23	8,430	-44	164	-29	13,062	-86	31	82			9	-61	2,847
Osceola	440	-12	181,977	66	34	-40	98,265	58	32	-49	44,812	-77	10	-29			3	-40	
Pasco	1,085	-4			44	-45	7,204	-72	86	-17	42,277	-25	3	-81			4	-56	25
Pinellas	78	-38	1,012	-54	7	-53	186	-44	22	-8	320		1				3	50	
Polk	2,342	1	337,645	1	298	-17	121,082	33	304	-14	147,028	11	39	-33	8,270	-80	131	102	12,609
St. Lucie	295	-17			70	-29	18,183	-14	89	-22	135,233	-5	14	-46	1,118		9	-44	
Sarasota	274	-26	49,447	-20	33	14	26,430	44	43	2	43,568	-6	11	0	1,198		10	-9	667
Seminole	305	-16			22	10	18,610	9	37	-49	1,140	-91	11	-8	184	104	1	-90	
Sumter	833	-12			31	-3	20,078	31	31	7	49,819	42	2	0			5	-58	
Total	15,978	-4	1,667,453	-19	1,273	-29	769,646	-5	1,841	-20	1,351,440	-10	286	-16	90,008	-49	286	10	36,464

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, central 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)
Brevard	549	775	187465	9	9	174	9	12	302	11	11	588
Citrus	420	633	46563				10	10	196	16	16	698
De Soto	1106	1488	387111	7	7	125	24	25	11567	52	54	3740
Hardee	1138	1570	346054				55	68	1213	5	5	30
Hernando	611	902	63977	5	5	1141	45	50	2645	21	21	239
Highlands	1007	1387	576514	27	29	4251	52	60	11582	13	15	155
Hillsborough	2868	4132	276374	52	60	1744	230	290	11996	89	113	3109
Indian River	468	650	190716	14	14	645	17	17		3	3	30
Lake	1732	2518	177518	33	39	1100	110	141	9123	59	69	2475
Manatee	825	1216	298053	5	5	40	41	52	16537	29	46	3998
Okeechobee	638	926	392495				39	46	35469	8	8	3042
Orange	843	1211	144028	7	7		38	38	1016	65	83	2929
Osceola	509	740	651755	1	1		15	18	297	18	20	873
Pasco	1203	1734	168050	12	12	337	97	119	3544	19	22	1654
Pinellas	107	156					9	9	23	5	5	4
Polk	3082	4106	623354	16	22	9569	105	119	5897	24	27	437
St. Lucie	468	694	221205	3	3	15	29	33	9181	14	24	339
Sarasota	362	534	121024	3	3	33	22	22	4654	15	15	406
Seminole	358	507	27839	12	16	62	2	3		9	11	98
Sumter	846	1194	185790	32	36	1386	44	53	2762	28	28	789
Total	19,140	27,073	5,085,885	238	268	20,622	993	1,185	128,004	503	596	25,633

* (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. Output impacts of agriculture and natural resource industries, central region of Florida, 2002 data

Industry Group	Brevard	Citrus	DeSoto	Hardee	Hernando	Highlands	Hillsborough	Indian River	Lake	Manatee	Okeechobee	Orange	Osceola	Pasco	Pinellas	Polk	Sarasota	Seminole	St. Lucie	Sumter	Grand Total
Agricultural Inputs & Services	(\$Million)																				
Agriculture & forestry activities	24.4	4.1	121.4	77.6	1.1	160.2	213.4	171.3	50.6	24.5	2.7	117.1	6.7	42.3	9.7	369.3	13.6	8.3	241.9	0.3	1,660.3
Farm machinery & equipment mfg	0.0	0.0	0.0	0.0	0.0	0.0	13.7	0.0	0.4	0.0	0.0	0.7	3.4	0.0	2.6	23.3	0.0	0.0	3.5	0.0	47.7
Fertilizer, mixing only, mfg	0.0	0.0	0.0	0.0	0.0	0.0	24.9	0.0	31.7	6.2	8.0	92.1	0.0	11.8	0.0	49.5	0.0	6.2	9.8	0.6	240.8
Food product machinery mfg	1.3	0.0	0.0	0.0	0.0	0.0	4.9	0.0	0.0	4.6	0.0	5.5	0.0	7.9	1.3	27.1	0.0	0.0	0.0	0.0	52.8
Lawn/garden equipment mfg	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
New farm housing units/additions	20.1	4.7	0.6	0.4	4.5	2.1	48.4	5.0	12.7	11.7	0.8	46.8	6.0	10.5	36.0	18.5	20.0	22.5	6.5	1.1	278.6
Nitrogenous fertilizer mfg	0.0	0.0	0.0	0.0	0.0	58.8	159.5	66.5	0.0	0.0	0.0	0.0	0.0	8.7	0.0	10.0	0.0	0.0	0.0	0.0	303.5
Pesticide & other ag chemical mfg	0.0	31.8	0.0	0.0	0.0	0.0	6.0	0.0	0.0	23.1	0.0	15.6	0.0	0.0	26.5	25.4	0.0	0.0	0.0	0.0	128.3
Phosphatic fertilizer mfg	0.0	0.0	0.0	0.0	0.0	0.0	947.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,173.6	0.0	0.0	0.0	0.0	3,121.2
Veterinary services	81.8	8.9	2.3	0.4	13.9	3.7	75.9	12.0	17.0	35.8	0.6	53.4	4.3	26.5	81.0	33.3	34.1	56.0	9.4	2.8	552.8
Total	127.6	49.5	124.3	78.4	19.6	224.7	1,494.2	254.7	112.3	106.9	12.1	331.2	20.4	107.6	157.2	2,729.9	67.6	93.0	271.1	4.7	6,387.0
Environmental Horticulture																					
Greenhouse/nursery production	13.4	2.1	13.3	26.7	2.9	48.8	252.3	10.0	175.5	61.3	7.9	277.6	23.6	12.5	25.8	38.6	13.9	32.1	3.8	14.5	1,056.8
Landscape services (70% bldgs)	81.5	20.6	1.5	1.6	29.0	9.5	345.5	41.7	45.6	77.0	3.8	524.7	36.6	60.1	280.3	67.7	134.0	148.4	50.5	1.4	1,961.0
Total	94.9	22.6	14.8	28.3	31.9	58.3	597.8	51.7	221.1	138.3	11.8	802.2	60.2	72.6	306.1	106.3	148.0	180.5	54.3	15.9	3,017.9
Fishing & Seafood Products																					
Fishing	0.9	5.7	0.0	0.0	5.8	0.0	39.8	14.4	2.4	0.0	0.0	0.0	16.0	1.6	22.6	0.0	6.2	1.1	3.4	0.0	120.1
Seafood product prep/packaging	7.6	2.0	0.0	0.0	0.0	0.0	391.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	5.8	152.5	0.0	0.0	0.0	0.0	559.8
Total	8.6	7.7	0.0	0.0	5.8	0.0	430.8	14.4	2.4	0.0	0.0	0.0	16.0	2.6	28.4	152.5	6.2	1.1	3.4	0.0	679.9
Forestry, Wood & Paper Product Mfg																					
All other converted paper product mfg	0.1	0.0	0.0	0.0	0.0	0.0	14.2	0.0	0.0	0.0	0.0	4.8	0.0	0.0	1.3	3.9	0.0	0.0	0.0	0.0	24.3
Coated & laminated paper/packaging	0.0	0.0	0.0	0.0	0.0	0.0	16.3	0.0	0.0	2.7	0.0	7.0	0.0	0.0	29.7	11.1	1.8	4.4	0.0	0.0	72.8
Coated & uncoated paper bag mfg	0.1	0.0	0.0	0.0	0.0	0.0	12.2	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.3
Die-cut paper office supplies mfg	0.0	0.0	0.0	0.0	0.0	0.0	23.5	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.5
Engineered wood & truss mfg	85.0	8.4	0.0	0.0	24.8	0.0	49.1	0.7	12.0	0.0	0.0	42.6	0.3	4.3	10.6	80.9	14.7	28.8	34.1	1.2	397.3
Envelope manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	-3.9	0.0	0.0	0.0	0.0	-0.4	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	-4.2
Forest nurseries/products/timber	4.3	9.4	0.0	0.0	0.0	24.9	9.8	34.4	9.1	0.0	0.0	14.2	0.0	4.4	0.0	0.0	0.0	0.0	0.0	0.0	110.4
Logging	0.0	0.0	3.5	0.5	2.4	0.0	0.0	5.9	15.8	0.0	0.0	0.0	9.8	4.6	0.0	4.7	0.0	0.8	0.0	11.4	59.3
Miscellaneous wood product mfg	0.6	0.0	0.0	1.2	0.0	0.0	2.7	0.0	0.0	0.0	0.0	3.3	0.4	0.0	5.5	18.3	0.0	1.3	0.0	0.0	33.3
Other millwork, including flooring	0.5	0.0	0.0	0.0	0.5	0.0	17.1	4.6	0.2	16.8	0.0	1.9	0.0	0.5	2.3	20.3	3.7	0.7	0.4	0.0	69.4
Paper & paperboard mills	1.9	0.0	0.0	0.0	0.0	0.0	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	9.3
Paperboard container mfg	0.2	0.0	0.0	0.0	0.0	49.9	291.4	0.0	0.0	25.6	0.0	102.6	0.0	6.5	161.9	182.0	2.3	2.2	0.0	0.0	824.4
Prefabricated wood building mfg	0.0	0.0	2.7	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.9	0.0	1.4	0.0	0.0	8.9
Reconstituted wood product mfg	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	2.3
Sanitary paper product mfg	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	185.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	185.4
Sawmills	0.0	0.0	0.0	2.4	0.0	0.0	1.8	0.0	0.7	0.0	0.0	6.2	8.7	7.8	3.7	0.0	0.0	0.0	0.0	19.8	50.9
Stationery & related product mfg	0.0	0.0	0.0	0.0	0.0	0.0	14.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.8
Surface-coated paperboard mfg	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1
Veneer & plywood mfg	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	2.5
Wood container/pallet mfg	0.6	0.0	0.0	0.0	0.0	8.0	4.2	0.0	18.4	0.2	0.0	6.5	0.0	1.3	4.9	27.5	0.1	1.1	0.3	0.0	73.2
Wood preservation	0.0	0.0	0.0	4.6	0.0	0.0	76.9	0.0	0.0	0.0	0.0	7.9	0.0	0.8	2.5	39.4	0.0	0.0	0.0	0.0	132.1
Wood windows/doors mfg	0.8	0.0	0.0	0.0	0.0	0.0	63.8	0.0	36.2	0.0	0.0	11.9	28.5	5.7	15.9	0.0	82.5	49.8	0.6	0.0	295.7
Total	94.1	17.8	6.2	8.7	27.7	82.8	602.9	45.5	92.3	45.3	0.0	401.8	47.7	35.9	239.1	394.3	105.0	90.4	35.4	33.3	2,406.1

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

Industry Group	Brevard	Citrus	DeSoto	Hardee	Hernando	Highlands	Hillsborough	Indian River	Lake	Manatee	Okeechobee	Orange	Osceola	Pasco	Pinellas	Polk	Sarasota	Seminole	St. Lucie	Sumter	Grand Total
Fruit & Vegetable Farming & Processing												(\$Million)									
Frozen food manufacturing	0.0	0.0	65.3	0.0	1.5	41.4	76.1	46.0	19.1	0.0	0.0	249.5	0.0	170.8	0.0	968.2	0.0	0.0	18.3	0.0	1,656.4
Fruit & vegetable canning/drying	0.0	0.0	0.0	37.0	0.0	10.0	27.6	0.0	227.0	1,731.0	0.0	14.9	5.8	0.0	245.4	248.1	2.4	0.0	211.4	0.0	2,760.6
Fruit farming	20.7	4.1	206.0	134.7	2.6	218.6	626.0	152.4	59.1	94.4	60.2	33.9	34.5	44.9	1.5	510.9	17.4	5.2	111.2	1.3	2,339.7
Vegetable & melon farming	3.6	0.5	9.5	31.5	7.9	7.0	304.5	5.2	1.3	419.6	50.7	1.8	11.7	8.7	1.6	8.3	10.1	0.1	1.1	6.6	891.3
Total	24.3	4.6	280.9	203.3	12.1	277.0	1,034.1	203.5	306.5	2,245.0	110.9	300.1	52.1	224.4	248.5	1,735.5	29.9	5.4	342.0	7.9	7,648.0
Grain & Oilseed Farming & Processing																					
Flour milling	0.0	0.0	0.0	0.0	0.0	0.0	59.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0	0.0	62.5
Grain farming	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Total	0.0	0.0	0.0	0.0	0.0	0.0	59.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0	0.0	62.6
Livestock & Dairy Farming & Animal Products Mfg																					
Animal production, except cattle & poultry	2.2	3.3	3.3	1.2	1.5	1.2	43.9	0.9	16.3	8.2	4.2	4.2	3.7	2.6	0.5	13.6	2.7	0.9	0.6	4.1	119.0
Animal, except poultry, slaughtering	0.0	0.0	2.8	0.0	0.0	0.0	32.8	0.0	0.0	0.0	0.0	4.8	0.0	7.0	21.6	0.0	2.4	5.7	0.0	131.2	208.2
Cattle ranching & farming	9.6	13.8	13.9	35.0	16.5	25.1	47.0	4.1	12.3	41.2	106.0	3.4	29.9	43.3	0.0	22.4	10.4	3.5	1.7	23.5	462.6
Cheese manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	18.9	0.0	0.0	0.0	0.0	13.2	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0	34.5
Creamery butter manufacturing	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
Dry/condensed/evaporated dairy products	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.2	0.0	0.0	0.0	0.0	0.0	16.2
Fluid milk manufacturing	1.6	0.0	0.0	0.0	0.0	0.0	62.6	0.0	0.0	0.0	0.0	253.7	0.0	0.0	0.0	60.8	0.0	0.0	0.0	0.0	378.7
Ice cream & frozen dessert mfg	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	248.3	0.0	1.7	0.0	0.0	0.0	252.5
Meat processed from carcasses	0.0	0.0	0.0	0.0	0.0	0.0	170.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5	23.8	0.6	0.0	0.0	0.0	200.5
Poultry & egg production	0.0	0.0	0.0	0.0	6.7	0.0	39.7	0.0	13.8	0.0	0.0	0.0	0.7	15.2	0.0	17.7	4.5	0.0	0.0	9.4	107.6
Poultry processing	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7
Rendering & meat byproduct processing	0.0	0.0	0.0	0.0	0.0	0.0	31.2	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.1
Total	14.4	17.1	20.0	36.2	24.7	26.4	449.9	5.0	42.4	49.4	110.2	281.1	34.3	68.2	292.0	138.3	22.2	12.3	2.3	168.1	1,814.4
Mining																					
Drilling oil & gas wells	0.3		0.0	0.0	0.0	0.5	2.1	0.0	0.3	0.6	0.3	1.1	0.0	0.0	0.0	3.0	5.9	0.8	0.0	0.0	15.1
Oil & gas extraction	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	0.4	0.0	0.2	96.6	0.0	0.0	5.3	1.8	0.0	106.6
Other nonmetallic mineral mining	0.3	0.3	0.0	35.9	0.0	13.2	21.8	2.2	57.8	0.1	0.0	2.2	0.0	0.2	0.0	530.5	0.0	0.0	0.0	0.0	664.6
Sand/gravel/clay/refractory mining	0.0	1.0	0.0	0.0	1.1	0.0	3.4	5.5	19.3	0.5	0.2	5.3	0.0	0.0	10.0	52.1	0.0	0.0	2.6	0.0	100.9
Stone mining & quarrying	9.5	7.0	0.0	0.0	68.0	0.0	6.2	0.0	0.6	0.0	0.0	0.0	0.0	6.4	0.0	35.0	5.5	0.0	3.3	16.9	158.4
Support activities for oil & gas operations	0.5	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	1.2
Support activities for other mining	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	1.8
Total	10.6	8.3	0.0	35.9	69.1	13.6	36.2	7.7	78.1	1.1	0.6	9.1	0.0	6.9	108.4	620.7	11.4	6.3	7.7	16.9	1,048.6

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

Industry Group	Brevard	Citrus	DeSoto	Hardee	Hernando	Highlands	Hillsborough	Indian River	Lake	Manatee	Okeechobee	Orange	Osceola	Pasco	Pinellas	Polk	Sarasota	Seminole	St. Lucie	Sumter	Grand Total
	(\$Million)																				
Other Crop Farming	0.2	0.5	1.3	1.8	1.8	1.5	3.1	0.0	1.5	1.6	2.7	0.3	0.7	3.2	0.0	1.7	0.1	0.2	0.0	4.1	26.2
Other Food Product Manufacturing																					
All other food manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	1.1	19.9	0.0	0.0	0.0	1.5	0.4	0.0	9.3	0.0	0.8	1.6	0.2	0.0	34.9
Bread/bakery, except frozen, mfg	2.1	0.0	0.0	0.0	0.8	1.9	70.1	1.9	2.6	54.8	1.7	150.8	8.3	3.0	14.7	267.0	10.8	2.4	0.7	0.0	593.6
Breweries	0.0	0.0	0.0	0.0	0.0	0.0	84.1	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	78.8	0.0	0.0	0.0	0.0	163.5
Coffee & tea manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0	3.5	0.0	0.0	0.0	0.0	0.0	35.8
Cookie & cracker manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	239.0	0.0	0.0	1.5	0.0	1.3	0.0	0.0	0.0	2.5	0.0	1.0	0.0	0.0	245.2
Distilleries	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	103.6	0.0	0.0	0.0	0.0	103.6
Dog/cat food manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.4
Dry pasta manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
Flavoring syrup/concentrate mfg	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	67.3	0.0	2.4	0.0	0.0	72.9
Mayonnaise/dressing/sauce mfg	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.3
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	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0
Other animal food manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	9.5	0.0	14.0	0.0	63.7	0.0	38.1	3.0	0.0	129.9	0.0	0.8	0.0	4.8	263.7
Other snack food manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	332.7	0.0	0.0	23.7	0.0	0.0	0.0	0.0	0.0	376.3
Roasted nuts/peanut butter mfg	0.0	0.0	0.0	0.0	0.0	0.0	21.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	24.2
Soft drink & ice manufacturing	8.0	0.0	0.0	0.0	0.0	0.0	1,062.0	0.0	32.5	0.0	0.0	526.1	10.3	102.6	14.7	11.4	4.5	0.0	4.3	0.0	1,776.2
Spice & extract manufacturing	0.7	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	1.6	0.0	1.3	38.2	83.7	0.0	9.1	0.0	0.0	134.9
Wineries	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	51.7	28.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80.6
Total	11.9	0.0	0.0	0.0	0.8	1.9	1,538.4	21.8	101.3	85.2	65.4	1,031.4	57.1	109.8	104.1	747.0	16.2	17.2	5.2	4.8	3,919.5
Sugarcane Farming, Refined Sugar & Confections																					
Confectionery mfg	1.3	0.0	0.0	0.0	0.0	0.0	3.4	0.0	0.0	0.0	0.0	10.5	0.0	0.0	2.7	1.8	3.6	0.0	2.0	0.0	25.3
Non-chocolate confectionery mfg	0.0	0.0	0.0	0.0	0.0	0.0	115.8	0.0	0.0	11.5	0.0	0.0	0.0	0.0	30.1	25.4	0.0	19.4	0.0	0.0	202.2
Total	1.3	0.0	0.0	0.0	0.0	0.0	119.2	0.0	0.0	11.5	0.0	10.5	0.0	0.0	32.7	27.2	3.6	19.4	2.0	0.0	227.5
Tobacco Farming & Mfg	2.0	0.0	0.0	0.0	1.7	0.0	397.2	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.1	0.0	1.0	0.6	0.0	0.0	403.0
Wildlife (hunting)	0.0	0.0	4.3	0.0	0.0	0.0	3.1	13.7	0.0	0.0	0.0	4.5	0.0	2.7	12.3	0.0	0.0	0.5	0.8	0.0	41.9
Grand Total	389.9	128.1	451.8	392.5	195.1	686.2	6,766.4	618.0	957.8	2,684.4	313.7	3,172.6	288.4	633.9	1,529.0	6,656.4	411.3	426.9	724.3	255.7	27,682.5

Source: IMPLAN data for Florida counties (2005)

Table 10. Employment impacts of agriculture and natural resource industries, central region of Florida, 2002 data

Industry Group	Brevard	Citrus	DeSoto	Hardee	Hernando	Highlands	Hillsborough	Indian River	Lake	Manatee	Okaloosa	Orange	Osceola	Pasco	Pinellas	Polk	Sarasota	Seminole	St. Lucie	Sumter	Grand Total
Agricultural Inputs & Services	Jobs																				
Agriculture & forestry activities	221	58	4,749	3,211	37	6,105	5,529	4,746	1,645	1,168	143	3,493	202	1,978	159	16,119	186	269	8,453	14	58,485
Farm machinery & equipment mfg	0	0	0	0	0	0	77	0	2	0	0	4	21	0	17	132	0	0	18	0	272
Fertilizer, mixing only, mfg	0	0	0	0	0	0	68	0	97	17	24	218	0	38	0	139	0	18	29	2	651
Food product machinery mfg	11	0	0	0	0	0	38	0	0	35	0	47	0	62	10	202	0	0	0	0	406
Lawn/garden equipment mfg	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	5
New farm housing units/additions	118	29	4	2	29	13	272	29	75	67	5	258	35	64	208	109	113	126	40	7	1,601
Nitrogenous fertilizer mfg	0	0	0	0	0	354	985	389	0	0	0	0	0	53	0	90	0	0	0	0	1,870
Pesticide & other ag chemical mfg	0	184	0	0	0	0	41	0	0	148	0	97	0	0	177	151	0	0	0	0	800
Phosphatic fertilizer mfg	0	0	0	0	0	0	5,484	0	0	0	0	0	0	0	0	13,286	0	0	0	0	18,769
Veterinary services	1,235	168	41	7	249	71	1,173	209	293	453	13	849	77	473	1,279	542	577	798	175	56	8,738
Total	1,585	439	4,793	3,220	315	6,543	13,668	5,373	2,113	1,893	185	4,967	335	2,667	1,851	30,770	877	1,211	8,714	78	91,597
Environmental Horticulture																					
Greenhouse/nursery production	232	52	106	298	80	534	3,254	107	2,173	802	62	3,411	271	227	399	414	173	449	43	298	13,385
Landscape services (70% bldgs)	2,038	506	42	43	672	260	7,982	912	1,041	1,586	93	10,732	902	1,462	5,599	1,650	2,927	3,203	1,132	50	42,835
Total	2,270	558	148	340	752	794	11,236	1,019	3,214	2,389	156	14,143	1,174	1,689	5,998	2,065	3,100	3,652	1,175	348	56,220
Fishing & Seafood Products																					
Fishing	34	193	0	0	193	0	711	406	155	0	0	0	403	206	306	0	251	32	91	0	2,982
Seafood product prep/packaging	43	10	0	0	0	0	2,883	0	0	0	0	0	0	5	31	1,225	0	0	0	0	4,197
Total	76	204	0	0	193	0	3,594	406	155	0	0	0	403	211	337	1,225	251	32	91	0	7,178
Forestry, Wood & Paper Product Mfg																					
All other converted paper product mfg	2	0	0	0	0	0	105	0	0	0	0	37	0	0	11	33	0	0	0	0	188
Coated & laminated paper/packaging	0	0	0	0	0	0	123	0	0	25	0	56	0	0	239	99	18	34	0	0	593
Coated & uncoated paper bag mfg	2	0	0	0	0	0	133	0	0	0	0	13	0	0	0	0	0	0	0	0	147
Die-cut paper office supplies mfg	0	0	0	0	0	0	169	0	0	0	0	21	0	0	0	0	0	0	0	0	190
Engineered wood & truss mfg	827	89	0	0	245	0	453	6	122	0	0	366	4	40	89	771	136	261	337	11	3,756
Envelope manufacturing	0	0	0	0	0	0	-12	0	0	0	0	-3	0	0	2	0	0	0	0	0	-13
Forest nurseries/products/timber	27	68	0	0	0	536	126	550	150	0	0	187	0	113	0	0	0	0	0	0	1,757
Logging	0	0	29	3	16	0	0	49	132	0	0	0	58	27	0	24	0	5	0	95	439
Miscellaneous wood product mfg	6	0	0	10	0	0	24	0	0	0	0	20	3	0	44	164	0	10	0	0	281
Other millwork, including flooring	6	0	0	0	6	0	197	57	3	189	0	20	0	7	26	232	41	8	5	0	798
Paper & paperboard mills	11	0	0	0	0	0	52	0	0	0	0	0	0	0	0	0	0	0	0	5	68
Paperboard container mfg	2	0	0	0	0	361	2,060	0	0	178	0	685	0	46	1,214	1,370	16	16	0	0	5,948
Prefabricated wood building mfg	0	0	25	0	0	0	10	0	0	0	0	0	0	0	0	37	0	12	0	0	84
Reconstituted wood product mfg	0	0	0	0	0	0	4	0	0	0	0	0	0	0	5	0	0	0	0	0	9
Sanitary paper product mfg	0	0	0	0	0	0	0	0	0	0	0	1,085	0	0	0	0	0	0	0	0	1,085
Sawmills	0	0	0	16	0	0	11	0	5	0	0	33	58	51	21	0	0	0	0	146	340
Stationery & related product mfg	0	0	0	0	0	0	94	0	0	0	0	0	0	0	0	0	0	0	0	0	94
Surface-coated paperboard mfg	0	0	0	0	0	0	0	0	0	0	0	19	0	0	0	0	0	0	0	0	19
Veneer & plywood mfg	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	0	0	0	0	15
Wood container/pallet mfg	8	0	0	0	0	103	49	0	252	4	0	89	0	19	65	338	1	16	5	0	950
Wood preservation	0	0	0	26	0	0	403	0	0	0	0	23	0	3	8	235	0	0	0	0	698
Wood windows/doors mfg	6	0	0	0	0	0	494	0	330	0	0	85	263	46	111	0	684	387	5	0	2,411
Total	895	157	54	55	268	1,000	4,496	662	994	395	0	2,735	386	352	1,833	3,319	897	748	353	257	19,856

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

Industry Group	Brevard	Citrus	DeSoto	Hardee	Hernando	Highlands	Hillsborough	Indian River	Lake	Manatee	Okeechobee	Orange	Osceola	Pasco	Pinellas	Polk	Sarasota	Seminole	St. Lucie	Sumter	Grand Total
Fruit & Vegetable Farming & Processing											Jobs										
Frozen food manufacturing	0	0	470	0	11	296	561	331	161	0	0	1,657	0	1,264	0	7,587	0	0	156	0	12,495
Fruit & vegetable canning/drying	0	0	0	221	0	63	209	0	1,505	10,380	0	123	36	0	1,605	1,811	15	0	1,444	0	17,413
Fruit farming	366	92	2,947	2,364	64	3,469	9,116	2,160	941	1,463	602	477	485	925	24	8,563	246	83	1,859	28	36,272
Vegetable & melon farming	43	6	74	316	118	62	3,324	45	10	4,861	364	20	101	113	19	59	92	1	9	93	9,730
Total	408	98	3,491	2,901	192	3,891	13,210	2,536	2,616	16,705	966	2,277	622	2,301	1,648	18,020	354	85	3,468	121	75,911
Grain & Oilseed Farming & Processing																					
Flour milling	0	0	0	0	0	0	344	0	0	0	0	0	0	0	0	20	0	0	0	0	364
Grain farming	0	0	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	0	0	0	3
Total	0	0	0	0	0	0	346	0	0	0	0	0	0	2	0	20	0	0	0	0	367
Livestock & Dairy Farming & Animal Products Mfg																					
Animal production, except cattle & poultry	63	92	97	36	44	33	1,073	22	403	199	80	96	90	77	10	393	69	23	16	124	3,040
Animal, except poultry, slaughtering	0	0	12	0	0	0	123	0	0	0	0	15	0	30	70	0	9	18	0	790	1,068
Cattle ranching & farming	104	154	162	420	188	297	487	44	143	452	1,046	35	322	530	0	241	108	36	20	247	5,037
Cheese manufacturing	0	0	0	0	0	0	34	0	0	0	0	25	0	0	0	0	0	4	0	0	63
Creamery butter manufacturing	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Dry/condensed/evaporated dairy products	0	0	0	0	0	0	0	0	0	0	0	0	0	0	46	0	0	0	0	0	46
Fluid milk manufacturing	4	0	0	0	0	0	205	0	0	0	0	1,064	0	0	0	306	0	0	0	0	1,579
Ice cream & frozen dessert mfg	0	0	0	0	0	0	8	0	0	0	0	0	0	0	1,545	0	5	0	0	0	1,558
Meat processed from carcasses	0	0	0	0	0	0	921	0	0	0	0	0	0	0	27	116	3	0	0	0	1,067
Poultry & egg production	0	0	0	0	35	0	221	0	75	0	0	0	3	77	0	99	24	0	0	49	584
Poultry processing	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Rendering & meat byproduct processing	0	0	0	0	0	0	195	0	0	0	0	12	0	0	0	0	0	0	0	0	207
Total	173	246	272	456	267	329	3,271	66	620	651	1,127	1,246	416	714	1,700	1,156	218	82	36	1,210	14,256
Mining																					
Drilling oil & gas wells	4	0	0	0	0	7	22	0	5	7	5	11	0	0	0	31	67	8	0	0	167
Oil & gas extraction	0	0	0	0	0	0	125	0	0	0	0	27	0	26	1,779	0	0	80	119	0	2,156
Other nonmetallic mineral mining	4	4	0	220	0	123	146	23	544	1	0	14	0	3	0	3,845	0	0	0	0	4,925
Sand/gravel/clay/refractory mining	0	12	0	0	17	0	36	47	179	5	4	46	0	0	107	448	0	0	23	0	925
Stone mining & quarrying	83	71	0	0	628	0	57	0	8	0	0	0	0	58	0	298	49	0	27	147	1,426
Support activities for oil & gas operations	11	0	0	0	0	0	8	0	4	0	0	2	0	1	0	0	0	4	0	0	30
Support activities for other mining	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	0	0	0	0	0	30
Total	101	87	0	220	645	130	393	70	739	13	9	100	0	89	1,916	4,622	117	93	169	147	9,659

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

Industry Group	Brevard	Citrus	DeSoto	Hardee	Hernando	Highlands	Hillsborough	Indian River	Lake	Manatee	Okeechobee	Orange	Osceola	Pasco	Pinellas	Polk	Sarasota	Seminole	St. Lucie	Sumter	Grand Total
	Jobs																				
Other Crop Farming	2	6	7	10	25	13	32	0	14	18	11	4	6	39	0	18	2	2	0	53	261
Other Food Product Manufacturing																					
All other food manufacturing	0	0	0	0	0	0	5	104	0	0	0	7	2	0	40	0	4	7	1	0	170
Bread/bakery, except frozen, mfg	30	0	0	0	7	15	696	26	42	467	16	1,338	59	33	153	2,592	140	29	8	0	5,653
Breweries	0	0	0	0	0	0	561	0	6	0	0	0	0	0	0	580	0	0	0	0	1,147
Coffee & tea manufacturing	0	0	0	0	0	0	94	0	0	0	0	5	0	0	8	0	0	0	0	0	107
Cookie & cracker manufacturing	0	0	0	0	0	0	1,509	0	0	5	0	4	0	0	0	10	0	5	0	0	1,534
Distilleries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,001	0	0	0	0	1,001
Dog/cat food manufacturing	0	0	0	0	0	0	0	0	0	0	0	26	0	0	0	0	0	0	0	0	26
Dry pasta manufacturing	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Flavoring syrup/concentrate mfg	0	0	0	0	0	0	3	0	0	0	0	14	0	0	0	407	0	15	0	0	438
Mayonnaise/dressing/sauce mfg	4	0	0	0	0	0	0	0	0	0	0	15	0	0	0	0	0	0	0	0	18
Mixes/dough purchased flour	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	6
Other animal food manufacturing	0	0	0	0	0	0	56	0	66	0	275	0	181	13	0	714	0	4	0	19	1,328
Other snack food manufacturing	0	0	0	0	0	0	75	0	0	0	0	1,932	0	0	67	0	0	0	0	0	2,074
Roasted nuts/peanut butter mfg	0	0	0	0	0	0	124	0	0	0	0	0	0	0	0	17	0	0	0	0	141
Soft drink & ice manufacturing	51	0	0	0	0	0	6,592	0	216	0	0	3,173	69	623	107	84	27	0	34	0	10,976
Spice & extract manufacturing	3	0	0	0	0	0	1	0	0	0	0	7	0	5	187	531	0	41	0	0	777
Wineries	0	0	0	0	0	0	0	0	402	205	0	0	0	0	0	0	0	0	0	0	607
Total	89	0	0	0	7	15	9,718	131	732	677	291	6,528	311	674	563	5,938	171	100	43	19	26,007
Sugarcane Farming, Refined Sugar & Confections																					
Confectionery mfg	11	0	0	0	0	0	33	0	0	0	0	79	0	0	23	16	27	0	20	0	210
Non-chocolate confectionery mfg	0	0	0	0	0	0	859	0	0	98	0	0	0	0	238	206	0	155	0	0	1,556
Total	11	0	0	0	0	0	891	0	0	98	0	79	0	0	261	222	27	155	20	0	1,765
Tobacco Farming & Mfg	22	0	0	0	6	0	2,665	0	0	0	0	3	0	0	1	0	3	4	0	0	2,704
Wildlife (hunting)	0	0	91	0	0	0	42	237	0	0	0	65	0	70	93	0	0	7	11	0	617
Grand Total	5,634	1,795	8,855	7,203	2,671	12,715	63,564	10,500	11,198	22,839	2,744	32,145	3,652	8,807	16,201	67,373	6,015	6,172	14,082	2,233	306,398

Source: IMPLAN data for Florida counties (2005)

Table 11. Value-added impacts of agriculture and natural resource industries, central region of Florida, 2002 data

Industry Group	Brevard	Citrus	DeSoto	Hardee	Hernando	Highlands	Hillsborough	Indian River	Lake	Manatee	Okeechobee	Orange	Osceola	Pasco	Pinellas	Polk	Sarasota	Seminole	St. Lucie	Sumter	Grand Total
Agricultural Inputs & Services	(\$Million)																				
Agriculture & forestry activities	19.1	3.2	72.3	45.9	0.7	93.8	141.5	113.1	31.7	14.8	1.5	74.2	4.5	22.5	6.7	182.1	10.0	5.0	146.6	0.1	989.3
Farm machinery & equipment mfg	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.1	0.0	0.0	0.2	1.0	0.0	0.6	9.0	0.0	0.0	1.6	0.0	17.4
Fertilizer, mixing only, mfg	0.0	0.0	0.0	0.0	0.0	0.0	6.7	0.0	6.4	1.6	1.6	32.2	0.0	2.0	0.0	12.6	0.0	1.4	2.2	0.1	66.9
Food product machinery mfg	0.5	0.0	0.0	0.0	0.0	0.0	2.1	0.0	0.0	2.0	0.0	2.9	0.0	3.2	0.6	12.7	0.0	0.0	0.0	0.0	23.8
Lawn/garden equipment mfg	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
New farm housing units/additions	4.5	0.9	0.1	0.1	0.7	0.3	12.3	1.2	2.8	2.8	0.1	12.5	1.4	2.0	8.5	4.1	4.9	5.8	1.3	0.2	66.3
Nitrogenous fertilizer mfg	0.0	0.0	0.0	0.0	0.0	24.2	74.1	24.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	4.8	0.0	0.0	0.0	0.0	129.8
Pesticide & other ag chemical mfg	0.0	17.5	0.0	0.0	0.0	0.0	3.4	0.0	0.0	10.6	0.0	8.4	0.0	0.0	15.0	14.1	0.0	0.0	0.0	0.0	69.0
Phosphatic fertilizer mfg	0.0	0.0	0.0	0.0	0.0	0.0	373.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	778.3	0.0	0.0	0.0	0.0	1,151.5
Veterinary services	42.1	3.6	0.8	0.1	6.0	1.3	36.8	5.2	7.5	20.8	0.2	25.1	1.8	11.3	38.0	15.6	29.3	3.7	1.0	265.4	2,779.6
Total	66.1	25.1	73.2	46.2	7.4	119.7	655.0	143.4	48.5	52.7	3.5	155.3	8.6	43.9	69.3	1,033.4	30.1	41.4	155.4	1.4	2,779.6
Environmental Horticulture																					
Greenhouse/nursery production	10.6	1.7	3.1	21.1	2.4	37.0	187.0	7.8	130.0	46.5	6.1	207.1	17.9	10.3	19.6	29.3	10.6	24.5	3.2	11.4	787.1
Landscape services (70% bldgs)	50.2	12.6	1.1	1.0	18.1	5.6	212.9	26.3	28.5	49.7	2.4	335.4	22.4	37.2	179.9	41.6	83.7	92.9	31.7	0.7	1,234.2
Total	60.8	14.3	4.2	22.1	20.6	42.6	399.9	34.1	158.5	96.2	8.5	542.5	40.3	47.4	199.5	71.0	94.2	117.4	34.9	12.2	2,021.3
Fishing & Seafood Products																					
Fishing	0.6	3.5	0.0	0.0	3.6	0.0	24.1	8.8	1.5	0.0	0.0	0.0	10.0	1.0	13.9	0.0	3.8	0.7	2.1	0.0	73.5
Seafood product prep/packaging	0.8	0.3	0.0	0.0	0.0	0.0	146.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	1.0	57.7	0.0	0.0	0.0	0.0	206.1
Total	1.4	3.8	0.0	0.0	3.6	0.0	170.1	8.8	1.5	0.0	0.0	0.0	10.0	1.1	14.9	57.7	3.8	0.7	2.1	0.0	279.6
Forestry, Wood & Paper Product Mfg																					
All other converted paper product mfg	0.0	0.0	0.0	0.0	0.0	0.0	7.4	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.7	1.8	0.0	0.0	0.0	0.0	12.4
Coated & laminated paper/packaging	0.0	0.0	0.0	0.0	0.0	0.0	7.2	0.0	0.0	1.4	0.0	3.3	0.0	0.0	14.4	5.9	1.0	2.4	0.0	0.0	35.6
Coated & uncoated paper bag mfg	0.0	0.0	0.0	0.0	0.0	0.0	5.4	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.8
Die-cut paper office supplies mfg	0.0	0.0	0.0	0.0	0.0	0.0	11.3	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.6
Engineered wood & truss mfg	43.3	3.7	0.0	0.0	12.3	0.0	23.4	0.3	5.2	0.0	0.0	20.9	0.1	1.8	4.9	43.0	6.7	14.2	17.6	0.6	198.0
Envelope manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	-9.0	0.0	0.0	0.0	0.0	-1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-10.8
Forest nurseries/products/timber	1.8	3.6	0.0	0.0	0.0	11.8	5.0	18.1	5.1	0.0	0.0	6.6	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	54.0
Logging	0.0	0.0	4.1	0.2	1.0	0.0	0.0	2.4	6.3	0.0	0.0	0.0	4.4	1.4	0.0	1.8	0.0	0.3	0.0	1.6	23.4
Miscellaneous wood product mfg	0.2	0.0	0.0	0.5	0.0	0.0	0.7	0.0	0.0	0.0	0.0	1.5	0.1	0.0	1.7	7.4	0.0	0.4	0.0	0.0	12.3
Other millwork, including flooring	0.2	0.0	0.0	0.0	0.2	0.0	7.4	1.9	0.1	8.3	0.0	0.9	0.0	0.2	1.0	9.8	1.6	0.3	0.1	0.0	32.0
Paper & paperboard mills	0.5	0.0	0.0	0.0	0.0	0.0	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	4.2
Paperboard container mfg	0.0	0.0	0.0	0.0	0.0	19.2	125.3	0.0	0.0	10.2	0.0	46.3	0.0	2.0	64.5	81.3	1.0	0.8	0.0	0.0	350.7
Prefabricated wood building mfg	0.0	0.0	2.1	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.7	0.0	0.0	5.3
Reconstituted wood product mfg	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	1.0
Sanitary paper product mfg	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.1
Sawmills	0.0	0.0	0.0	0.7	0.0	0.0	0.5	0.0	0.1	0.0	0.0	2.3	2.8	2.1	1.3	0.0	0.0	0.0	0.0	6.1	15.9
Stationery & related product mfg	0.0	0.0	0.0	0.0	0.0	0.0	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.7
Surface-coated paperboard mfg	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9
Veneer & plywood mfg	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0
Wood container/pallet mfg	0.3	0.0	0.0	0.0	0.0	4.2	2.2	0.0	8.9	0.1	0.0	2.9	0.0	0.6	2.3	14.7	0.0	0.5	0.1	0.0	36.9
Wood preservation	0.0	0.0	0.0	1.3	0.0	0.0	23.5	0.0	0.0	0.0	0.0	1.8	0.0	0.1	0.4	12.5	0.0	0.0	0.0	0.0	39.5
Wood windows/doors mfg	0.3	0.0	0.0	0.0	0.0	0.0	28.6	0.0	15.5	0.0	0.0	5.0	12.4	2.1	6.9	0.0	40.8	23.9	0.2	0.0	135.7
Total	46.6	7.3	6.2	2.6	13.4	35.2	249.6	22.6	41.2	20.0	0.0	193.7	19.8	12.3	98.3	181.3	51.2	43.4	18.1	8.4	1,071.2

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

Industry Group	Brevard	Citrus	DeSoto	Hardee	Hernando	Highlands	Hillsborough	Indian River	Lake	Manatee	Okeechobee	Orange	Osceola	Pasco	Pinellas	Polk	Sarasota	Seminole	St. Lucie	Sumter	Grand Total
Fruit & Vegetable Farming & Processing	(\$Million)																				
Frozen food manufacturing	0.0	0.0	35.4	0.0	0.8	21.7	40.1	21.5	8.6	0.0	0.0	131.1	0.0	78.9	0.0	501.5	0.0	0.0	8.3	0.0	847.7
Fruit & vegetable canning/drying	0.0	0.0	0.0	15.3	0.0	5.3	14.6	0.0	98.3	893.1	0.0	8.7	3.1	0.0	118.6	116.9	1.0	0.0	91.9	0.0	1,366.8
Fruit farming	9.5	1.6	95.3	73.9	0.9	122.5	340.1	86.8	31.4	49.1	36.6	18.2	19.0	21.0	0.8	275.9	8.9	2.5	60.9	0.5	1,255.5
Vegetable & melon farming	2.0	0.3	4.0	18.6	4.4	4.0	179.0	3.0	0.7	245.8	29.5	1.0	6.8	4.8	0.9	4.7	5.8	0.1	0.6	3.8	519.8
Total	11.5	1.8	134.6	107.8	6.1	153.5	573.8	111.3	139.0	1,188.0	66.1	159.0	28.9	104.8	120.3	899.0	15.7	2.6	161.7	4.3	3,989.7
Grain & Oilseed Farming & Processing																					
Flour milling	0.0	0.0	0.0	0.0	0.0	0.0	27.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	28.5
Grain farming	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	0.0	0.0	0.0	0.0	0.0	0.0	27.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	28.6
Livestock & Dairy Farming & Animal Products Mfg																					
Animal production, except cattle & poultry	0.4	0.5	0.1	0.1	0.2	0.2	11.6	0.2	4.5	2.3	1.9	1.3	1.0	0.4	0.2	1.9	0.6	0.2	0.1	0.4	28.0
Animal, except poultry, slaughtering	0.0	0.0	0.6	0.0	0.0	0.0	6.1	0.0	0.0	0.0	0.0	0.7	0.0	0.7	2.8	0.0	0.2	0.8	0.0	23.6	35.7
Cattle ranching & farming	1.9	2.1	2.6	6.3	2.8	5.8	9.8	1.1	2.9	10.4	32.9	0.8	7.3	8.2	0.0	2.3	2.6	0.8	0.4	1.0	102.0
Cheese manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	3.2
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dry/condensed/evaporated dairy products	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4	0.0	0.0	0.0	0.0	0.0	4.4
Fluid milk manufacturing	0.1	0.0	0.0	0.0	0.0	0.0	11.9	0.0	0.0	0.0	0.0	70.7	0.0	0.0	0.0	14.8	0.0	0.0	0.0	0.0	97.5
Ice cream & frozen dessert mfg	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	109.4	0.0	0.5	0.0	0.0	0.0	110.8
Meat processed from carcasses	0.0	0.0	0.0	0.0	0.0	0.0	45.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	4.5	0.1	0.0	0.0	0.0	51.0
Poultry & egg production	0.0	0.0	0.5	0.0	2.3	0.0	18.4	0.0	6.6	0.0	0.0	0.0	0.3	5.8	0.0	9.2	2.1	0.0	0.0	3.4	48.6
Poultry processing	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Rendering & meat byproduct processing	0.0	0.0	0.0	0.0	0.0	0.0	16.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.7
Total	2.4	2.6	3.9	6.4	5.3	6.0	122.5	1.3	14.0	12.7	34.8	75.1	8.7	15.1	117.7	32.7	6.1	1.9	0.5	28.5	498.1
Mining																					
Drilling oil & gas wells	0.1	0.0	0.0	0.0	0.0	0.1	1.2	0.0	0.1	0.3	0.1	0.6	0.0	0.0	0.0	1.6	2.5	0.4	0.0	0.0	7.1
Oil & gas extraction	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.2	0.0	0.1	55.9	0.0	0.0	2.9	1.0	0.0	61.4
Other nonmetallic mineral mining	0.2	0.1	0.0	22.6	0.0	7.7	13.5	1.3	33.5	0.0	0.0	1.4	0.0	0.1	0.0	324.9	0.0	0.0	0.0	0.0	405.3
Sand/gravel/clay/refractory mining	0.0	0.7	0.0	0.0	0.7	0.0	2.1	3.6	12.8	0.3	0.2	3.4	0.0	0.0	6.5	34.3	0.0	0.0	1.7	0.0	66.3
Stone mining & quarrying	5.8	4.2	0.0	0.0	41.0	0.0	3.9	0.0	0.3	0.0	0.0	0.0	0.0	3.9	0.0	21.6	3.3	0.0	2.1	10.2	96.2
Support activities for oil & gas operations	0.3	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.8
Support activities for other mining	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.8
Total	6.5	5.0	0.0	22.6	41.7	7.8	22.2	4.9	46.8	0.6	0.3	5.6	0.0	4.2	63.2	382.4	5.9	3.4	4.8	10.2	637.8

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

Industry Group	Brevard	Citrus	DeSoto	Hardee	Hernando	Highlands	Hillsborough	Indian River	Lake	Manatee	Okeechobee	Orange	Osceola	Pasco	Pinellas	Polk	Sarasota	Seminole	St. Lucie	Sumter	Grand Total
	(\$Million)																				
Other Crop Farming	0.1	0.2	0.3	0.9	0.7	0.8	1.6	0.0	0.8	0.8	1.5	0.2	0.4	1.4	0.0	0.9	0.1	0.1	0.0	1.6	12.4
Other Food Product Manufacturing																					
All other food manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	0.3	6.0	0.0	0.0	0.0	0.3	0.1	0.0	2.1	0.0	0.0	0.3	0.0	0.0	9.1
Bread/bakery except frozen, mfg	0.8	0.0	0.2	0.0	0.4	1.1	36.6	0.8	0.9	32.0	0.9	85.1	4.9	1.5	7.5	156.3	4.9	1.1	0.3	0.0	335.4
Breweries	0.0	0.0	0.0	0.0	0.0	0.0	52.4	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	48.8	0.0	0.0	0.0	0.0	101.5
Coffee & tea manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	4.9	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	5.5
Cookie & cracker manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	112.1	0.0	0.0	0.7	0.0	0.6	0.0	0.0	0.0	1.0	0.0	0.3	0.0	0.0	114.6
Distilleries	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	79.9	0.0	0.0	0.0	0.0	79.9
Dog/cat food manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1
Dry pasta manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Flavoring syrup/concentrate mfg	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	45.2	0.0	1.7	0.0	0.0	49.1
Mayonnaise/dressing/sauce mfg	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6
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	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
Other animal food manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	3.5	0.0	2.8	0.0	15.1	0.0	11.2	0.6	0.0	40.6	0.0	0.2	0.0	1.0	74.9
Other snack food manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	6.8	0.0	0.0	0.0	0.0	167.2	0.0	0.0	10.4	0.0	0.0	0.0	0.0	0.0	184.4
Roasted nuts/peanut butter mfg	0.0	0.0	0.0	0.0	0.0	0.0	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	8.6
Soft drink & ice manufacturing	2.1	0.0	0.0	0.0	0.0	0.0	518.2	0.0	12.0	0.0	0.0	230.0	3.0	36.3	7.2	5.0	2.6	0.0	1.6	0.0	818.1
Spice & extract manufacturing	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.5	19.8	46.8	0.0	4.3	0.0	0.0	72.4
Wineries	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.7	14.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	34.0
Total	3.5	0.0	0.2	0.0	0.4	1.1	742.8	6.8	35.8	47.0	16.0	490.1	19.1	38.9	47.5	424.6	7.5	7.9	1.9	1.0	1,892.3
Sugarcane Farming, Refined Sugar & Confections																					
Confectionery mfg	0.6	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	5.3	0.0	0.0	1.5	1.0	1.9	0.0	0.7	0.0	13.0
Non-chocolate confectionery mfg	0.0	0.0	0.0	0.0	0.0	0.0	59.5	0.0	0.0	6.5	0.0	0.0	0.0	0.0	15.2	13.1	0.0	8.1	0.0	0.0	102.4
Total	0.6	0.0	0.0	0.0	0.0	0.0	61.5	0.0	0.0	6.5	0.0	5.3	0.0	0.0	16.7	14.1	1.9	8.1	0.7	0.0	115.4
Tobacco Farming & Mfg	1.3	0.0	0.0	0.0	1.1	0.0	250.9	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.1	0.0	0.6	0.4	0.0	0.0	254.5
Wildlife (hunting)	0.0	0.0	1.2	0.0	0.0	0.0	1.6	7.2	0.0	0.0	0.0	2.2	0.0	0.5	7.2	0.0	0.0	0.2	0.4	0.0	20.4
Grand Total	200.8	60.2	223.8	208.6	100.2	366.6	3,279.0	340.4	486.0	1,424.6	130.6	1,629.2	135.8	269.6	754.8	3,098.4	217.2	227.5	380.3	67.5	13,601.1

Source: IMPLAN data for Florida counties (2005)

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

Industry Group	Brevard	Citrus	DeSoto	Hardee	Hernando	Highlands	Hillsborough	Indian River	Lake	Manatee	Okaloosa	Orange	Osceola	Pasco	Pinellas	Polk	Sarasota	Seminole	St. Lucie	Sumter	Grand Total
Agricultural Inputs & Services	(\$Million)																				
Agriculture & forestry activities	17.9	3.3	76.4	48.2	0.7	94.2	140.2	113.0	31.9	18.5	1.9	72.6	4.8	23.8	5.9	171.6	9.2	4.6	142.6	0.2	981.5
Farm machinery & equipment mfg	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	0.1	0.0	0.0	0.1	0.6	0.0	0.4	5.4	0.0	0.0	1.0	0.0	10.6
Fertilizer, mixing only, mfg	0.0	0.0	0.0	0.0	0.0	0.0	3.7	0.0	3.6	0.9	0.9	17.2	0.0	1.1	0.0	7.0	0.0	0.8	1.2	0.0	36.5
Food product machinery mfg	0.4	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	1.5	0.0	2.0	0.0	2.5	0.4	9.4	0.0	0.0	0.0	0.0	17.9
Lawn/garden equipment mfg	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
New farm housing units/additions	3.9	0.7	0.1	0.1	0.6	0.3	10.8	1.0	2.4	2.5	0.1	10.9	1.2	1.8	7.4	3.6	4.3	5.0	1.1	0.2	58.1
Nitrogenous fertilizer mfg	0.0	0.0	0.0	0.0	0.0	15.7	48.3	15.3	0.0	0.0	0.0	0.0	0.0	1.8	0.0	3.0	0.0	0.0	0.0	0.0	84.0
Pesticide & other ag chemical mfg	0.0	8.3	0.0	0.0	0.0	0.0	1.9	0.0	0.0	5.4	0.0	4.5	0.0	0.0	8.0	7.2	0.0	0.0	0.0	0.0	35.4
Phosphatic fertilizer mfg	0.0	0.0	0.0	0.0	0.0	0.0	266.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	533.8	0.0	0.0	0.0	0.0	799.9
Veterinary services	35.6	3.2	0.9	0.1	5.1	1.3	33.5	4.6	6.7	18.1	0.2	23.6	1.8	10.2	33.3	13.9	13.6	24.6	3.5	0.9	234.7
Total	57.9	15.5	77.4	48.4	6.5	111.5	509.2	133.9	44.7	46.9	3.1	131.0	8.3	41.2	55.4	754.9	27.1	35.1	149.4	1.3	2,258.7
Environmental Horticulture																					
Greenhouse/nursery production	5.8	0.9	5.5	11.1	1.2	20.2	107.9	4.3	72.1	25.8	3.4	119.7	9.9	5.4	10.8	15.7	5.8	13.4	1.6	6.2	446.8
Landscape services (70% bldgs)	42.5	10.2	0.7	0.8	14.5	4.6	172.8	20.8	22.8	38.6	2.0	269.9	18.5	29.9	139.4	34.4	66.6	74.0	25.0	0.6	988.6
Total	48.2	11.0	6.3	12.0	15.7	24.8	280.7	25.1	94.9	64.5	5.4	389.6	28.3	35.3	150.2	50.1	72.4	87.4	26.6	6.8	1,435.4
Fishing & Seafood Products																					
Fishing	0.5	2.8	0.0	0.0	2.9	0.0	18.9	7.0	1.2	0.0	0.0	0.0	7.9	0.8	10.7	0.0	3.0	0.5	1.7	0.0	57.8
Seafood product prep/packaging	0.8	0.3	0.0	0.0	0.0	0.0	108.4	0.0	0.0	0.0	0.0	0.0	0.0	0.1	1.0	42.9	0.0	0.0	0.0	0.0	153.5
Total	1.3	3.1	0.0	0.0	2.9	0.0	127.3	7.0	1.2	0.0	0.0	0.0	7.9	1.0	11.7	42.9	3.0	0.5	1.7	0.0	211.3
Forestry, Wood & Paper Product Mfg																					
All other converted paper product mfg	0.0	0.0	0.0	0.0	0.0	0.0	4.8	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.4	1.1	0.0	0.0	0.0	0.0	7.9
Coated & laminated paper/packaging	0.0	0.0	0.0	0.0	0.0	0.0	4.7	0.0	0.0	0.9	0.0	2.1	0.0	0.0	9.1	3.7	0.6	1.5	0.0	0.0	22.7
Coated & uncoated paper bag mfg	0.0	0.0	0.0	0.0	0.0	0.0	3.9	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2
Die-cut paper office supplies mfg	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.9
Engineered wood & truss mfg	27.8	2.3	0.0	0.0	7.6	0.0	14.8	0.2	3.3	0.0	0.0	13.1	0.1	1.1	3.1	27.1	4.2	8.9	11.0	0.4	125.0
Envelope manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	-7.9	0.0	0.0	0.0	0.0	-1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-9.6
Forest nurseries/products/timber	1.0	2.1	0.0	0.0	0.0	9.3	3.7	14.0	3.6	0.0	0.0	4.7	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	40.0
Logging	0.0	0.0	0.9	0.1	0.5	0.0	0.0	1.4	3.8	0.0	0.0	0.0	2.5	0.8	0.0	1.0	0.0	0.2	0.0	0.9	12.1
Miscellaneous wood product mfg	0.1	0.0	0.0	0.3	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.9	0.1	0.0	1.1	4.6	0.0	0.2	0.0	0.0	7.7
Other millwork, including flooring	0.2	0.0	0.0	0.0	0.2	0.0	6.8	1.6	0.1	6.9	0.0	0.8	0.0	0.2	1.0	8.2	1.5	0.3	0.1	0.0	27.9
Paper & paperboard mills	0.3	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	2.6
Paperboard container mfg	0.0	0.0	0.0	0.0	0.0	14.6	92.8	0.0	0.0	7.6	0.0	34.6	0.0	1.5	45.8	59.5	0.8	0.6	0.0	0.0	257.9
Prefabricated wood building mfg	0.0	0.0	0.8	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.5	0.0	0.0	3.0
Reconstituted wood product mfg	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.4
Sanitary paper product mfg	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	63.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	63.3
Sawmills	0.0	0.0	0.0	0.5	0.0	0.0	0.4	0.0	0.1	0.0	0.0	1.6	1.8	1.4	0.9	0.0	0.0	0.0	0.0	3.9	10.4
Stationery & related product mfg	0.0	0.0	0.0	0.0	0.0	0.0	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6
Surface-coated paperboard mfg	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7
Veneer & plywood mfg	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8
Wood container/pallet mfg	0.2	0.0	0.0	0.0	0.0	3.1	1.7	0.0	6.3	0.1	0.0	2.3	0.0	0.5	1.8	10.6	0.0	0.4	0.1	0.0	27.0
Wood preservation	0.0	0.0	0.0	0.8	0.0	0.0	16.3	0.0	0.0	0.0	0.0	1.4	0.0	0.1	0.3	8.5	0.0	0.0	0.0	0.0	27.5
Wood windows/doors mfg	0.2	0.0	0.0	0.0	0.0	0.0	18.6	0.0	10.0	0.0	0.0	3.2	7.9	1.3	4.5	0.0	26.1	15.4	0.1	0.0	87.3
Total	29.9	4.4	1.7	1.7	8.3	27.0	175.5	17.3	27.1	15.4	0.0	129.8	12.4	8.5	68.0	126.6	33.2	27.9	11.3	5.3	731.3

Table 12 (continued). Labor Income Impacts of Agriculture and Natural Resource Industries, Central Region of Florida, 2002 Data

Industry Group	Brevard	Citrus	DeSoto	Hardee	Hernando	Highlands	Hillsborough	Indian River	Lake	Manatee	Okeechobee	Orange	Osceola	Pasco	Pinellas	Polk	Sarasota	Seminole	St. Lucie	Sumter	Grand Total
Fruit & Vegetable Farming & Processing	(\$Million)																				
Frozen food manufacturing	0.0	0.0	16.9	0.0	0.4	11.3	23.6	11.4	4.7	0.0	0.0	75.5	0.0	43.1	0.0	282.8	0.0	0.0	4.6	0.0	474.4
Fruit & vegetable canning/drying	0.0	0.0	0.0	7.2	0.0	2.7	8.4	0.0	53.0	472.4	0.0	5.2	1.7	0.0	63.7	64.5	0.4	0.0	49.4	0.0	728.8
Fruit farming	5.6	0.9	73.6	45.3	0.5	77.4	218.7	55.8	19.5	30.1	21.9	11.5	11.4	13.3	0.5	170.8	5.2	1.5	38.5	0.3	802.2
Vegetable & melon farming	0.9	0.1	2.7	9.4	1.9	1.9	96.4	1.4	0.3	126.6	14.5	0.5	3.3	2.1	0.4	2.1	2.6	0.0	0.3	1.7	269.3
Total	6.4	1.0	93.3	62.0	2.8	93.3	347.2	68.6	77.5	629.0	36.5	92.7	16.3	58.5	64.6	520.3	8.3	1.5	92.8	2.0	2,274.7
Grain & Oilseed Farming & Processing																					
Flour milling	0.0	0.0	0.0	0.0	0.0	0.0	16.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	17.4
Grain farming	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	0.0	0.0	0.0	0.0	0.0	0.0	16.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	17.4
Livestock & Dairy Farming & Animal Products Mfg																					
Animal production, except cattle & poultry	0.2	0.3	0.3	0.1	0.1	0.2	7.0	0.1	2.8	1.4	1.1	0.8	0.6	0.2	0.1	1.3	0.4	0.1	0.1	0.2	17.3
Animal, except poultry, slaughtering	0.0	0.0	0.2	0.0	0.0	0.0	4.8	0.0	0.0	0.0	0.0	0.6	0.0	0.6	2.2	0.0	0.2	0.7	0.0	16.3	25.4
Cattle ranching & farming	1.1	1.1	1.1	3.3	1.4	3.4	5.8	0.6	1.7	6.1	18.3	0.4	4.0	4.9	0.0	1.1	1.5	0.4	0.2	0.4	56.9
Cheese manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	2.3
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dry/condensed/evaporated dairy products	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	1.5
Fluid milk manufacturing	0.1	0.0	0.0	0.0	0.0	0.0	8.8	0.0	0.0	0.0	0.0	49.3	0.0	0.0	0.0	10.4	0.0	0.0	0.0	0.0	68.5
Ice cream & frozen dessert mfg	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	61.1	0.0	0.3	0.0	0.0	0.0	61.7
Meat processed from carcasses	0.0	0.0	0.0	0.0	0.0	0.0	34.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	3.6	0.1	0.0	0.0	0.0	39.2
Poultry & egg production	0.0	0.0	0.0	0.0	1.0	0.0	9.9	0.0	3.0	0.0	0.0	0.0	0.2	2.8	0.0	4.1	1.0	0.0	0.0	1.6	23.6
Poultry processing	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Rendering & meat byproduct processing	0.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.3
Total	1.5	1.4	1.7	3.4	2.5	3.5	82.2	0.7	7.5	7.5	19.4	52.1	4.8	8.4	65.6	20.4	3.4	1.3	0.3	18.6	306.1
Mining																					
Drilling oil & gas wells	0.1	0.0	0.0	0.0	0.0	0.1	0.8	0.0	0.1	0.2	0.1	0.4	0.0	0.0	0.0	1.0	1.7	0.3	0.0	0.0	4.7
Oil & gas extraction	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.1	0.0	0.1	26.3	0.0	0.0	1.2	0.4	0.0	28.7
Other nonmetallic mineral mining	0.1	0.1	0.0	12.6	0.0	4.3	7.9	0.7	19.2	0.0	0.0	0.8	0.0	0.1	0.0	186.7	0.0	0.0	0.0	0.0	232.5
Sand/gravel/clay/refractory mining	0.0	0.4	0.0	0.0	0.4	0.0	1.4	2.1	7.6	0.2	0.1	2.1	0.0	0.0	3.9	20.6	0.0	0.0	1.0	0.0	39.8
Stone mining & quarrying	3.5	2.3	0.0	0.0	22.9	0.0	2.4	0.0	0.2	0.0	0.0	0.0	0.0	2.2	0.0	12.8	2.0	0.0	1.2	5.7	55.3
Support activities for oil & gas operations	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.5
Support activities for other mining	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.5
Total	4.0	2.8	0.0	12.6	23.3	4.4	13.2	2.8	27.1	0.4	0.2	3.4	0.0	2.4	30.7	221.2	3.6	1.6	2.6	5.7	361.9

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

Industry Group	Brevard	Citrus	DeSoto	Hardee	Hernando	Highlands	Hillsborough	Indian River	Lake	Manatee	Okeechobee	Orange	Osceola	Pasco	Pinellas	Polk	Sarasota	Seminole	St. Lucie	Sumter	Grand Total
	(\$Million)																				
Other Crop Farming	0.0	0.1	0.3	0.3	0.2	0.4	0.9	0.0	0.4	0.4	0.6	0.1	0.2	0.6	0.0	0.5	0.0	0.0	0.0	0.6	5.7
Other Food Product Manufacturing																					
All other food manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	0.2	3.8	0.0	0.0	0.0	0.1	0.1	0.0	1.2	0.0	0.0	0.2	0.0	0.0	5.6
Bread /bakery, except frozen, mfg	0.5	0.0	0.0	0.0	0.2	0.6	21.0	0.5	0.5	18.6	0.5	49.9	2.8	0.9	4.3	93.6	2.8	0.6	0.2	0.0	197.5
Breweries	0.0	0.0	0.0	0.0	0.0	0.0	25.5	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	23.0	0.0	0.0	0.0	0.0	48.6
Coffee & tea manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	3.0
Cookie & cracker manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	55.1	0.0	0.0	0.2	0.0	0.2	0.0	0.0	0.0	0.3	0.0	0.1	0.0	0.0	56.0
Distilleries	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	36.8	0.0	0.0	0.0	0.0	36.8
Dog/cat food manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
Dry pasta manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Flavoring syrup/concentrate mfg	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	17.4	0.0	0.4	0.0	0.0	18.3
Mayonnaise/dressing/sauce mfg	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
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	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
Other animal food mfg	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	1.8	0.0	10.0	0.0	7.2	0.4	0.0	25.6	0.0	0.1	0.0	0.6	48.0
Other snack food manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	84.8	0.0	0.0	3.6	0.0	0.0	0.0	0.0	0.0	90.8
Roasted nuts/peanut butter mfg	0.0	0.0	0.0	0.0	0.0	0.0	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	4.8
Soft drink & ice manufacturing	1.4	0.0	0.0	0.0	0.0	0.0	325.3	0.0	7.6	0.0	0.0	141.3	1.8	22.3	4.4	2.9	1.4	0.0	1.0	0.0	509.5
Spice & extract manufacturing	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.2	8.8	22.9	0.0	1.8	0.0	0.0	34.1
Wineries	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.7	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0
Total	2.0	0.0	0.0	0.0	0.2	0.6	438.8	4.3	21.8	27.1	10.6	279.2	11.9	23.7	22.6	223.1	4.3	3.2	1.2	0.6	1,075.3
Sugarcane Farming, Refined Sugar & Confections																					
Confectionery mfg	0.3	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	2.9	0.0	0.0	0.8	0.6	1.0	0.0	0.4	0.0	7.3
Non-chocolate confectionery mfg	0.0	0.0	0.0	0.0	0.0	0.0	32.7	0.0	0.0	3.6	0.0	0.0	0.0	0.0	8.3	7.0	0.0	4.4	0.0	0.0	56.0
Total	0.3	0.0	0.0	0.0	0.0	0.0	34.0	0.0	0.0	3.6	0.0	2.9	0.0	0.0	9.1	7.6	1.0	4.4	0.4	0.0	63.3
Tobacco Farming & Manufacturing	0.4	0.0	0.0	0.0	0.3	0.0	106.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	107.0
Wildlife (hunting)	0.0	0.0	1.4	0.0	0.0	0.0	0.9	4.7	0.0	0.0	0.0	1.1	0.0	0.2	3.5	0.0	0.0	0.1	0.1	0.0	12.0
Grand Total	151.9	39.3	181.9	140.3	62.8	265.5	2,132.7	264.4	302.2	794.9	75.8	1,082.1	90.1	179.7	481.4	1,968.2	156.5	163.2	286.4	41.0	8,860.2

Source: IMPLAN data for Florida counties (2005)

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

Industry Group	Brevard	Citrus	DeSoto	Hardee	Hernando	Highlands	Hillsborough	Indian River	Lake	Manatee	Okcechobee	Orange	Osceola	Pasco	Pinellas	Polk	Sarasota	Seminole	St. Lucie	Sumter	Grand Total
Agricultural Inputs & Services	(\$Million)																				
Agriculture & forestry activities	0.8	0.1	2.7	1.8	0.0	4.3	6.1	4.9	1.3	0.2	0.0	3.5	0.2	1.0	0.4	10.3	0.5	1.6	8.0	0.0	48.1
Farm machinery & equipment mfg	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.6
Fertilizer, mixing only, mfg	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.2	0.1	0.1	1.2	0.0	0.1	0.0	0.5	0.0	0.0	0.1	0.0	2.5
Food product machinery mfg	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.2	0.0	0.1	0.0	0.4	0.0	0.0	0.0	0.0	0.9
Lawn/garden equipment mfg	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
New farm housing units/additions	0.1	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.1	0.1	0.0	0.2	0.0	0.0	0.2	0.1	0.1	0.1	0.0	0.0	1.2
Nitrogenous fertilizer mfg	0.0	0.0	0.0	0.0	0.0	1.2	4.1	1.2	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.3	0.0	0.0	0.0	0.0	7.0
Pesticide and other ag chemical mg	0.0	0.7	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.5	0.0	0.4	0.0	0.0	0.8	0.6	0.0	0.0	0.0	0.0	3.2
Phosphatic fertilizer mfg	0.0	0.0	0.0	0.0	0.0	0.0	26.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	53.8	0.0	0.0	0.0	0.0	79.9
Veterinary services	3.2	0.3	0.1	0.0	0.5	0.1	2.6	0.4	0.6	2.0	0.0	1.7	0.1	0.8	2.8	1.2	1.1	8.8	0.3	0.1	26.7
Total	4.1	1.1	2.8	1.8	0.5	5.6	39.9	6.5	2.2	3.0	0.1	7.3	0.4	2.1	4.2	67.6	1.7	10.6	8.5	0.1	170.1
Environmental Horticulture																					
Greenhouse/nursery production	0.3	0.0	0.3	0.7	0.0	1.4	7.4	0.2	5.2	1.8	0.2	7.6	0.7	0.2	0.7	1.0	0.4	4.2	0.1	0.4	32.7
Landscape services (70% bldgs)	1.9	0.6	0.0	0.0	0.9	0.2	9.7	1.3	1.4	2.7	0.1	15.7	1.0	1.7	9.7	1.7	4.1	19.0	1.7	0.0	73.3
Total	2.1	0.6	0.3	0.7	0.9	1.6	17.1	1.5	6.5	4.4	0.3	23.3	1.6	1.9	10.4	2.7	4.5	23.1	1.7	0.4	105.9
Fishing & Seafood Products																					
Fishing	0.0	0.2	0.0	0.0	0.2	0.0	1.4	0.5	0.1	0.0	0.0	0.0	0.6	0.1	0.8	0.0	0.2	0.2	0.1	0.0	4.4
Seafood product prep/packaging	0.0	0.0	0.0	0.0	0.0	0.0	11.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4	0.0	0.0	0.0	0.0	16.3
Total	0.1	0.2	0.0	0.0	0.2	0.0	13.2	0.5	0.1	0.0	0.0	0.0	0.6	0.1	0.9	4.4	0.2	0.2	0.1	0.0	20.7
Forestry, Wood & Paper Product Mfg																					
All other converted paper product mfg	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.8
Coated & laminated paper/packaging	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.1	0.0	0.3	0.0	0.0	1.0	0.4	0.1	1.0	0.0	0.0	3.5
Coated & uncoated paper bag mfg	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
Die-cut paper office supplies mfg	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9
Engineered wood & truss mfg	1.8	0.1	0.0	0.0	0.5	0.0	0.8	0.0	0.1	0.0	0.0	0.6	0.0	0.0	0.1	2.0	0.2	2.7	0.9	0.0	9.7
Envelope manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
Forest nurseries/products/timber	0.1	0.3	0.0	0.0	0.0	0.8	0.3	1.1	0.3	0.0	0.0	0.5	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	3.6
Logging	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.3	0.0	0.0	0.0	0.2	0.0	0.0	0.1	0.0	0.1	0.0	0.1	0.9
Miscellaneous 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	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.5
Other millwork, including flooring	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	1.0
Paper & paperboard mills	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
Paperboard container mfg	0.0	0.0	0.0	0.0	0.0	1.2	8.1	0.0	0.0	0.7	0.0	2.9	0.0	0.1	4.5	5.2	0.1	0.3	0.0	0.0	23.0
Prefabricated wood building mfg	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.3	0.0	0.0	0.5
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	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	0.0	0.0	0.0	0.0	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.3
Sawmills	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	0.6
Stationery & related product mfg	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
Surface-coated paperboard mfg	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Veneer & plywood mfg	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wood container/pallet mfg	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	1.2
Wood preservation	0.0	0.0	0.0	0.1	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	2.9
Wood windows/doors mfg	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.6	0.0	0.0	0.1	0.6	0.0	0.1	0.0	1.9	5.2	0.0	0.0	9.4
Total	2.0	0.4	0.1	0.1	0.5	2.1	14.9	1.3	1.8	1.1	0.0	10.1	0.9	0.4	5.9	10.1	2.2	9.7	0.9	0.4	64.9

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

Industry Group	Brevard	Citrus	DeSoto	Hardee	Hernando	Highlands	Hillsborough	Indian River	Lake	Manatee	Okeechobee	Orange	Osceola	Pasco	Pinellas	Polk	Sarasota	Seminole	St. Lucie	Sumter	Grand Total
Fruit & Vegetable Farming & Processing											(\$Million)										
Frozen food manufacturing	0.0	0.0	1.3	0.0	0.0	1.2	2.5	1.2	0.5	0.0	0.0	7.4	0.0	4.0	0.0	29.1	0.0	0.0	0.6	0.0	47.8
Fruit & vegetable canning/drying	0.0	0.0	0.0	0.9	0.0	0.3	1.0	0.0	5.8	51.7	0.0	0.7	0.2	0.0	7.9	7.5	0.1	0.0	6.5	0.0	82.6
Fruit farming	0.6	0.1	7.3	4.7	0.1	8.0	22.7	5.5	2.0	3.1	2.3	1.2	1.3	1.3	0.1	18.6	0.6	0.6	4.2	0.0	84.2
Vegetable & melon farming	0.1	0.0	0.2	0.8	0.1	0.2	8.9	0.1	0.0	12.3	1.3	0.0	0.3	0.1	0.0	0.2	0.2	0.0	0.0	0.1	24.9
Total	0.6	0.1	8.8	6.3	0.2	9.6	35.1	6.8	8.3	67.2	3.5	9.3	1.8	5.4	8.0	55.4	0.9	0.6	11.4	0.2	239.5
Grain & Oilseed Farming & Processing																					
Flour milling	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	2.4
Grain farming	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	2.4
Livestock & Dairy Farming & Animal Products Mfg																					
Animal production, except cattle & poultry	0.0	0.1	0.0	0.0	0.0	0.0	1.4	0.0	0.5	0.3	0.2	0.2	0.1	0.1	0.0	0.2	0.1	0.0	0.0	0.1	3.3
Animal, except poultry, slaughtering	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.2	0.0	0.0	0.2	0.0	2.2	3.3
Cattle ranching & farming	0.3	0.3	0.5	1.0	0.3	1.0	1.6	0.2	0.4	1.6	6.8	0.1	1.2	1.2	0.0	0.7	0.4	0.4	0.1	0.3	18.4
Cheese manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dry/condensed/evaporated dairy products	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.2
Fluid milk manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	4.9	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	6.9
Ice cream & frozen dessert mfg	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.1	0.0	0.0	0.0	0.0	0.0	7.2
Meat processed from carcasses	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	2.8
Poultry & egg production	0.0	0.0	0.0	0.0	0.1	0.0	0.9	0.0	0.3	0.0	0.0	0.0	0.0	0.2	0.0	0.4	0.1	0.0	0.0	0.1	2.2
Poultry processing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rendering & meat byproduct processing	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
Total	0.3	0.4	0.6	1.0	0.4	1.0	8.8	0.2	1.2	1.8	7.0	5.4	1.3	1.5	7.6	2.6	0.6	0.6	0.1	2.8	45.3
Mining																					
Drilling oil & gas wells	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.0	0.0	0.7
Oil & gas extraction	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.5	0.0	0.0	0.4	0.1	0.0	7.3
Other nonmetallic mineral mining	0.0	0.0	0.0	1.2	0.0	0.4	0.8	0.1	1.9	0.0	0.0	0.1	0.0	0.0	0.0	18.5	0.0	0.0	0.0	0.0	23.1
Sand/gravel/clay/refractory mining	0.0	0.0	0.0	0.0	0.1	0.0	0.2	0.2	0.7	0.0	0.0	0.2	0.0	0.0	0.4	2.0	0.0	0.0	0.1	0.0	4.0
Stone mining & quarrying	0.3	0.3	0.0	0.0	2.4	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	1.3	0.2	0.0	0.1	0.6	5.8
Support activities for oil & gas operations	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Support activities for other mining	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.2
Total	0.4	0.3	0.0	1.2	2.5	0.5	1.5	0.3	2.7	0.0	0.0	0.4	0.0	0.3	7.1	22.0	0.4	0.6	0.4	0.6	41.2

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

Industry Group	Brevard	Citrus	DeSoto	Hardee	Hernando	Highlands	Hillsborough	Indian River	Lake	Manatee	Orange Okeechobee	Osceola	Pasco	Pinellas	Polk	Sarasota	Seminole	St. Lucie	Sumter	Grand Total	
	(\$Million)																				
Other Crop Farming	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.1	0.8
Other Food Product Manufacturing																					
All other food manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.5
Bread/bakery, except frozen, mfg	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	1.0	0.0	2.3	0.1	0.0	0.1	6.6	0.1	0.0	0.0	0.0	11.0
Breweries	0.0	0.0	0.0	0.0	0.0	0.0	10.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	9.5	0.0	0.0	0.0	0.0	19.7
Coffee & tea manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
Cookie & cracker manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.6
Distilleries	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.5	0.0	0.0	0.0	0.0	30.5
Dog/cat food manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Flavoring syrup/concentrate mfg	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.1	0.0	0.0	0.0	1.8
Other animal food manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.2	0.0	1.3	0.0	1.0	0.0	3.5	0.0	0.1	0.0	0.1	0.1	6.5
Other snack food manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	9.5	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	9.9
Roasted nuts/peanut butter mfg	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.6
Soft drink & ice manufacturing	0.1	0.0	0.0	0.0	0.0	0.0	31.0	0.0	0.7	0.0	0.0	13.9	0.2	2.0	0.5	0.3	0.2	0.0	0.1	0.0	49.1
Spice & extract manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	2.1	0.0	0.7	0.0	0.0	0.0	3.6
Wineries	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.3
Total	0.2	0.0	0.0	0.0	0.0	0.0	48.7	0.3	4.6	3.8	1.3	26.0	1.3	2.1	1.8	54.3	0.3	0.9	0.1	0.1	145.7
Sugarcane Farming, Refined Sugar & Confections																					
Confectionery mfg	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.1	0.1	0.1	0.0	0.1	0.0	0.8
Non-chocolate confectionery mfg	0.0	0.0	0.0	0.0	0.0	0.0	3.5	0.0	0.0	0.5	0.0	0.0	0.0	0.0	1.0	0.8	0.0	3.3	0.0	0.0	9.1
Total	0.0	0.0	0.0	0.0	0.0	0.0	3.7	0.0	0.0	0.5	0.0	0.3	0.0	0.0	1.1	0.8	0.1	3.3	0.1	0.0	9.8
Tobacco Farming & Manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	8.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.7
Wildlife (hunting)	0.0	0.0	0.2	0.0	0.0	0.0	0.2	0.7	0.0	0.0	0.0	0.2	0.0	0.1	0.8	0.0	0.0	0.0	0.1	0.0	2.3
Grand Total	9.9	3.1	12.8	11.3	5.3	20.5	194.0	18.1	27.3	81.8	12.4	82.2	7.9	14.0	47.7	220.1	10.9	49.9	23.3	4.6	857.2

Source: IMPLAN data for Florida counties (2005)