

**Profile and Economic Impacts of Agriculture and Natural Resource Industries
in the Suwannee River Basin Counties of Florida**

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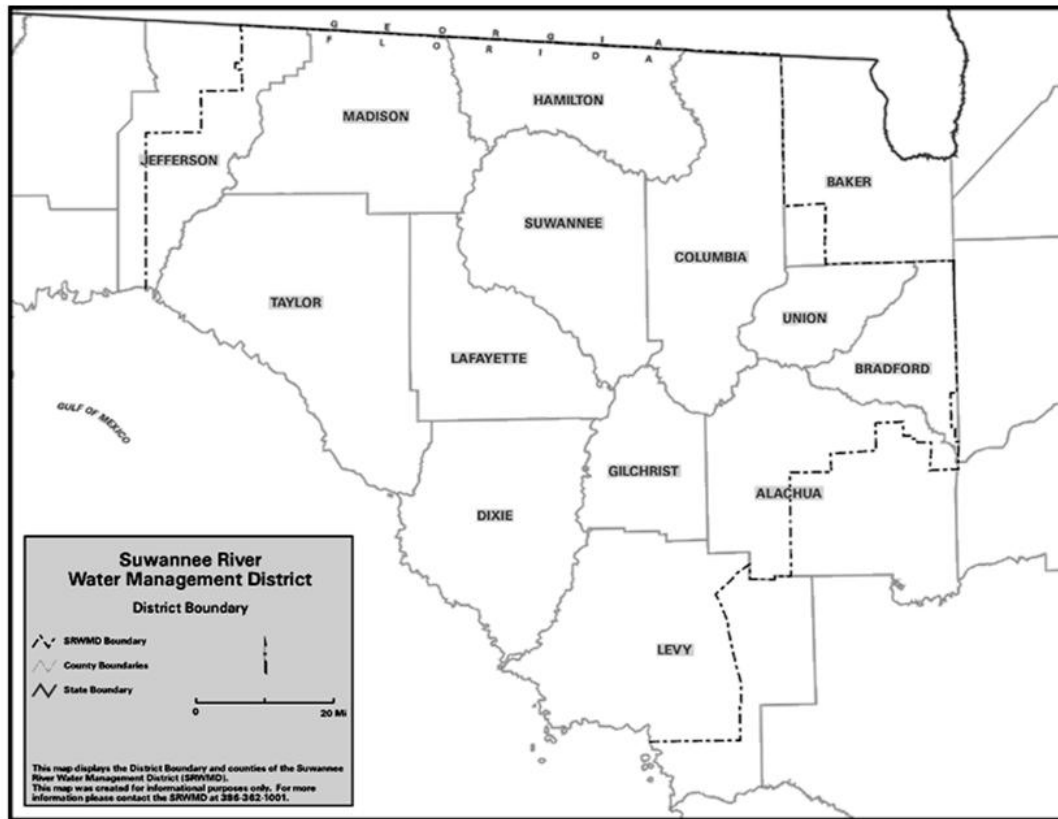
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Executive Summary

This report provides a profile of agricultural and natural resource industries and an overview of their economic impacts for a 14-county region in the Suwannee River Basin in 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 Suwannee River Basin counties of Florida had more than 7,000 farms and close to 200,000 acres of land used for various crops in the region. Livestock, poultry, and their products (4,274 farms) dominated the farm numbers in the Suwannee River Basin region. Agricultural lands in the Suwannee River Basin region were used mainly for cropland, nursery, greenhouse, floriculture, pasture, rangeland, and woodland. Forage (including all hays) was grown on more than 96,000 acres. The value of agricultural products sold in the Suwannee River Basin region exceeded \$549 million in 2002. The value of all livestock, poultry and their products exceeded \$387 million, accounting for 69 percent of the total value of all agricultural products for the region. Major components of the value of livestock, poultry, and their products included poultry and eggs (over \$149 million), milk cows and dairy products (\$134 million), and cattle and calves (\$45 million). The value of nursery, greenhouse, floriculture, and sod exceeded \$47 million, while the value of vegetables, melons, potatoes and sweet potatoes sold reached \$42 million.

The total economic impacts for all agriculture and natural resource industries in the Suwannee River Basin region exceeded \$3.9 billion in output in 2002. The forestry, wood, and paper products industry (\$1.7 billion) ranked first in output impacts in the Suwannee River Basin region. Over 30,000 full- and part-time jobs were generated by agricultural and natural resource industries in the region. Forestry, wood, and paper products (the dominant industry group), produced more than 9,000 jobs and accounted for over 31 percent of total employment impacts for all industry groups in the region. The total value-added impacts of agricultural and natural resource industries exceeded \$1.5 billion in 2002. In terms of economic impacts, Taylor County ranked first in output impacts, and value-added impacts, while Suwannee County ranked first in employment impacts in the Suwannee River Basin region.



Source: Suwannee River Water Management District, February 26, 2002.

Figure 1. Suwannee River Water Management District map

Introduction

This paper presents an analysis of the regional economic impacts of agriculture and natural resource industries in the Suwannee River Water Management District in north-central Florida. This region includes 14 counties, of which 10 are wholly inside district boundaries (Bradford, Columbia, Dixie, Gilchrist, Hamilton, Lafayette, Madison, Suwannee, Taylor, and Union), and 4 are partially within the district (Alachua, Baker, Levy, and Jefferson), as shown in Figure 1. The report provides a profile of agriculture and natural resource industries and an overview of their economic impacts for the Suwannee River Basin region. The predominant agricultural industries in this region include poultry, dairy, greenhouse/nursery, vegetables, and forestry. Food and fiber product manufacturing also contributes substantially to the region's economy, as do the related input supply and services sectors. 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

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 each 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; market values of land, buildings, and machinery; crop and livestock sales; farm expenses; and income from federal programs. The data were reviewed by UF/IFAS county extension staff in 2004 in order to update as necessary.

Agricultural Characteristics of the Region

Data for this analysis were obtained from the 2002 USDA Census of Agriculture, and the Florida Agricultural Statistics Services. Information from the Census of Agriculture is summarized in Table 1. When data were available from more than one source, the most current source was used. Information was not adjusted for the 4 counties that lay partly outside the Suwannee River Basin.

Farm Numbers and Farmland Use

There were more than 7,000 farms in the Suwannee River Basin in 2002. Alachua County with 1,493 farms had the highest number of farms, followed by Suwannee County with 1,054 farms, Levy County with 897 farms, and Columbia County with 688 farms. Livestock, poultry, and their products ranked first (4,274 farms, or 60 percent of the regional total) and forage crops and all hays (1,440 farms) ranked second in the number of farms. The Suwannee River Basin had 127 tobacco farms and only 10 cotton farms. 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.

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, USDA, <http://www.usda.gov/nass/>

Agricultural lands in the Suwannee River Basin were used mainly for cropland, nursery, greenhouse, floriculture, pasture, rangeland, and woodland, with about 200,000 acres of land used for various crops in the region. Forage (including all hays) was grown on more than 96,000 acres; peanuts for nuts were grown on 26,000 acres; vegetables were grown on 21,000 acres, and corn for grain was grown on more than 18,000 acres of land. Levy County had the highest acreage for corn for silage (5,300 acres) and for peanuts (over 15,000 acres, or 57 percent of the regional total). Suwannee County with 17,000 acres had the highest acreage in forage crops.

The Value of Agricultural Products Sold

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 value of agricultural products sold in the Suwannee River Basin exceeded \$549 million in 2002. The value of all livestock, poultry, and their products was more than \$387 million, accounting for 69 percent of the total value of all agricultural products for the region. Major components of the value of livestock, poultry and their products included poultry and eggs with more than \$149 million, milk cows and dairy products with \$134 million, and cattle and calves with \$45 million.

The value of nursery, greenhouse, floriculture, and sod was over \$47 million, while the value of vegetables, melons, potatoes and sweet potatoes sold reached \$42 million. Other crops and hay sold were valued at more than \$24 million. The value of fruits, tree nuts, and berries sold was over \$9 million. Agricultural products sold directly to consumers were valued at more than \$1 million, and certified organically produced commodities sold was valued at \$200,000.

The value of all agricultural products sold in Suwannee County was \$136 million (the highest in the region), followed by Levy County with more than \$83 million. The livestock, poultry, and their products industry was responsible for the relatively high value of all agricultural products sold in both counties. Alachua County with \$38 million, or 24 percent of the total for the region, registered the highest value for crops.

Economic Impact Analysis

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. In general, economic impact analysis permits decision makers and their advisors to look beyond the direct impacts or revenues generated by a business, industry, or event when considering its relationship and importance to a regional economy. Output, value-added, and employment are basic units for measuring economic activity, and permit comparison of one industry or event to another, and to the overall economy.

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 estimates for counties in the Suwannee River Basin for each of the agricultural sectors within IMPLAN. As noted above, 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, the indirect impacts associated with inter-industry purchases of inputs by agriculture and its supplying industries, and the induced impacts of spending by employees and owners of agricultural and related 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 2 presents estimates of total revenue for agriculture and natural resource industries by sector and by county in the Suwannee River Basin. Total output for all counties in the region exceeded \$2.8 billion. Forestry and related wood and paper products was the largest industry, contributing \$1.25 billion in total output and accounting for 44 percent of the total output in the region. The livestock and dairy farming and animal products industry with more than \$810 million ranked second in the region. Agricultural inputs and services with \$394 million and the fruit and vegetable farming and processing industry with \$128 million were also major contributors to total output of agriculture and natural resource industries in the region.

There were some sectors within each industry group with notable output. Pulp mills (\$609 million), logging (\$235 million), sawmills (\$189 million), and forest nurseries and forest products and timber (\$98 million) were the major sectors, accounting for more than 90 percent of output in the forestry, wood, and paper products industry in the region. Hamilton County with \$288 million in phosphatic fertilizer manufacturing accounted for 73 percent of the total output

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

for agricultural inputs and services in the region. Poultry processing (\$287 million), cattle ranching and farming (\$180 million), and poultry and egg production (\$130 million) were major sectors in the livestock and dairy farming and animal products industry.

In terms of output value, Taylor County with more than \$739 million ranked first. The forestry and related wood and paper product industry with \$692 million in Taylor County accounted for 56 percent of the direct output for this sector in the region and 94 percent of the direct output for the county. Suwannee County with \$551 million had the second largest output in the region. Almost 72 percent of the output impact in Suwannee County came from livestock and dairy farming and animal products. Phosphatic fertilizer manufacturing with \$315 million accounted for 91 percent of the output impact in Hamilton County.

Table 3 presents estimates of total output impacts for agriculture and natural resource industries by sector and by county for the Suwannee River Basin. Note again that this and the remaining impacts represent indirect and induced effects as well as direct effects. The total output impacts for all counties in the region exceeded \$3.9 billion. Forestry and related wood and paper products was the largest industry, contributing more than \$1.7 billion in total output impacts and accounting for more than one-third of the total in the region. The livestock and dairy farming and animal products industry with \$1.2 billion in output impacts ranked second in the region. Agricultural inputs and services with a total output impact of more than \$516 million was another major contributor to the total output impacts in the region.

Taylor County with more than \$941 million had the highest output impacts in the region, mainly in forestry and wood and paper products, particularly pulp mills, which produced \$791 million in output impacts. Suwannee County with \$803 million in livestock and dairy farming and animal products had the second highest total output impacts in the region. Hamilton County with \$410 million in output impacts ranked first in phosphatic fertilizer manufacturing in the region.

Employment Impacts

Employment impacts of agriculture and natural resource industries by county and industry group are reported in Table 4. More than 30,000 full- and part-time jobs were generated by agricultural and natural resource industries in the Suwannee River Basin. The forestry and wood and paper products manufacturing industry and the livestock and dairy farming and animal products industry (the dominant industry groups) each with 9,600 jobs produced most of the jobs (64 percent) in the region. Environmental horticulture (greenhouse/nursery production and landscape services) supported 2,900 jobs in the region (Figure2).

In terms of employment impacts, Suwannee County with more than 5,700 jobs in livestock and dairy farming and animal products dominated the employment outputs in the region. Alachua County with 5,200 jobs ranked second, and Taylor County with 4,200 jobs ranked third in the region. Environmental horticulture created most of the jobs in Alachua County, while forestry and wood and paper products manufacturing created most of the jobs in Taylor County.

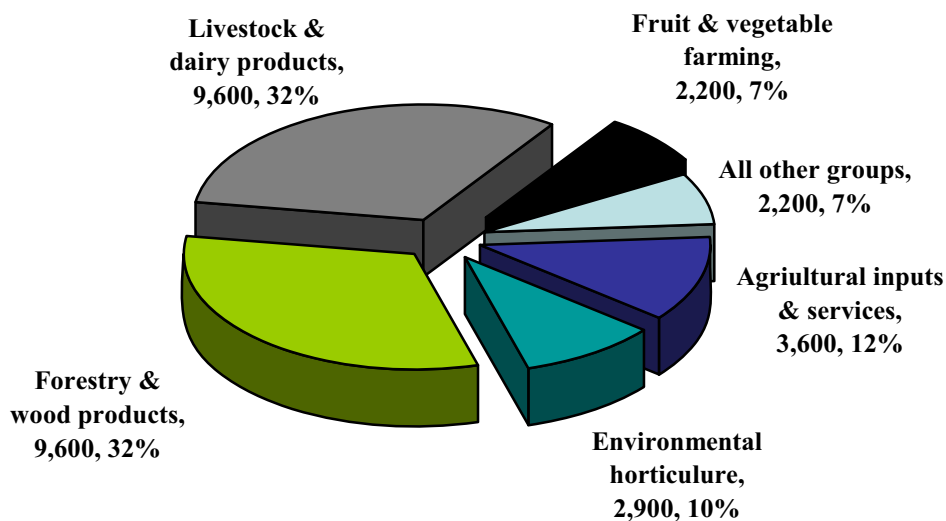


Figure 2. Employment impacts by industry group and number of jobs in Suwannee River Basin in Florida

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. Total value-added impacts of agriculture and natural resource industries in the Suwannee River Basin exceeded \$1.35 billion (Table 5). Forestry, wood, and paper products with \$570 million accounted for 42 percent of the total value-added impacts for the region. Livestock and dairy farming and animal products with \$295 million and agricultural inputs and services with more than \$175 million were also major contributors to total value-added impacts in the region (Figure 3).

Suwannee and Taylor Counties generated \$289 million and \$276 million in value-added impacts, respectively, and together accounted for 42 percent of the total value-added impacts in the Suwannee River Basin. Alachua County exceeded \$175 million in value-added impacts, and Levy and Hamilton Counties each had more than \$100 million in value-added impacts.

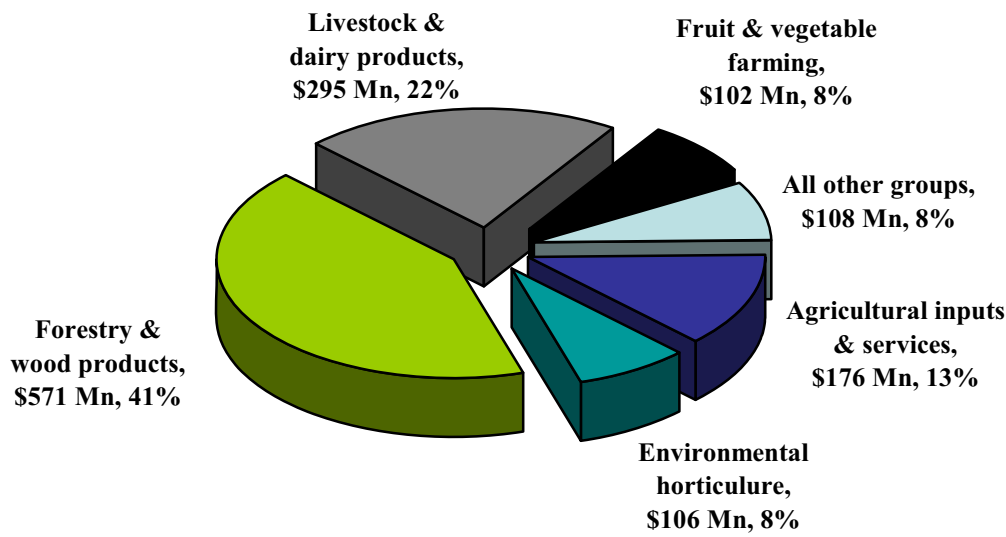


Figure 3. Value-added impacts by industry group in Suwannee River Basin of Florida

Labor Income Impacts

As a component of value-added, employee compensation includes wages, salary, health and life insurance, retirement payments, and any other non-cash compensation. Labor income impacts totaled more than \$876 million for the region (Tables 6). More than 42 percent of the total labor income impact was due to the activities in forestry, wood and paper production (\$373 million). Other major contributors included the livestock and dairy farming and animal products industry with \$172 million, and agricultural input and services with \$155 million. For labor income impacts, Taylor County was the largest with more than \$ 199 million, followed by Suwannee County with \$159 million and Alachua County with \$120 million.

Indirect Business Tax Impacts

As another component of value-added, 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. Indirect business tax impacts totaled more than \$77 million for the region (Table 7). Once again the forestry, wood and paper products industry with \$31 million and the livestock and dairy farming and animal products industry with \$21 million ranked highest in indirect business tax impacts in the region. Taylor County with \$18 million ranked first, Suwannee County with \$16 million ranked second, and Alachua County with more than \$10 million ranked third in indirect business tax impacts.

Acknowledgement

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

Table 1. Summary of agricultural commodity volumes produced, number of farms, and acreage in the Suwannee River Basin counties of Florida, 2002

Item	Units	Alachua	Baker	Bradford	Columbia	Dixie	Gilchrist	Hamilton	Jefferson	Lafayette	Levy	Madison	Suwannee	Taylor	Union	Total All Counties
Farms	number	1,493	204	378	688	215	408	239	418	195	897	529	1,054	101	275	7,094
Value of all ag products sold	\$1000	58,665	25,425	17,913	46,767	6,542	44,558	12,169	21,154	48,116	83,226	24,645	135,960	13,354	10,711	549,205
Value of crops	\$1000	37,620	9,515	1,673	7,947	(D)	6,194	6,440	9,317	3,355	25,949	10,068	32,497	727	4,275	155,577
Value of livestock, poultry & products	\$1000	21,044	15,911	16,240	38,820	(D)	38,364	5,728	11,837	44,762	57,277	14,577	103,464	12,627	6,436	387,087
Grains, oilseeds, dry beans & dry peas	# farms	31	4	1	7	2	9	30	20	8	12	46	34	-	2	206
	\$1000	(D)	7	(D)	(D)	(D)	572	4,500	1,636	(D)	(D)	1,439	1,490	-	(D)	9,644
Corn for grain	# farms	22	10	4	7	-	8	54	26	2	15	64	30	-	7	249
	Acres	777	38	79	137	-	219	5,700	4,091	(D)	483	4,761	1,807	-	60	18,152
	Bushels	23,342	2,680	4,790	4,747	-	8,675	294,533	543,685	(D)	18,113	317,962	178,316	-	4,080	1,400,923
Corn for silage or greenchop	# farms	25	-	-	2	1	9	-	3	7	12	-	20	-	-	79
	Acres	4,677	-	-	(D)	(D)	2,327	-	1,218	847	5,326	-	3,528	-	-	17,923
	Bushels	79,674	-	-	(D)	(D)	29,683	-	20,167	18,213	91,004	-	64,794	-	-	303,535
Wheat for grain	# farms	-	-	-	-	-	1	1	-	-	1	-	-	-	-	3
	Bushels	-	-	-	-	-	(D)	(D)	-	-	(D)	-	-	-	-	0
Oats for grain	# farms	-	-	-	2	-	-	1	1	-	2	1	2	-	-	9
Sorghum for grain	# farms	-	-	-	-	-	1	-	1	-	-	1	-	-	-	3
	Acres	-	-	-	-	-	(D)	-	(D)	-	-	(D)	-	-	-	0
Sorghum for silage or greenchop	# farms	5	-	-	1	1	7	-	2	1	3	-	4	-	-	24
	Acres	625	-	-	(D)	(D)	1,164	-	(D)	(D)	(D)	-	205	-	-	1,994
	Tons	6,400	-	-	(D)	(D)	10,500	-	(D)	(D)	(D)	-	2,180	-	-	19,080
Soybeans for beans	# farms	-	-	-	1	-	-	2	5	-	-	9	2	-	-	19
	Acres	-	-	-	(D)	-	-	(D)	(D)	-	-	1,946	(D)	-	-	1,946
	Bushels	-	-	-	(D)	-	-	(D)	(D)	-	-	78,867	(D)	-	-	78,867

Table 1. Summary of agricultural commodity volumes produced, number of farms, and acreage in the Suwannee River Basin counties of Florida, 2002

Item	Units	Alachua	Baker	Bradford	Columbia	Dixie	Gilchrist	Hamilton	Jefferson	Lafayette	Levy	Madison	Suwannee	Taylor	Union	Total All Counties
Cotton & cottonseed	# farms	-	-	-	1	-	-	2	5	-	-	-	2	-	-	10
	Acres	-	-	-	(D)	-	-	(D)	1,288	-	-	-	(D)	-	-	1,288
	Bales	-	-	-	(D)	-	-	(D)	1,298	-	-	-	(D)	-	-	1,298
	\$1000	-	-	-	(D)	-	-	(D)	193	-	-	-	(D)	-	-	193
Tobacco	# farms	20	1	2	14	-	1	27	2	8	2	14	22	-	14	127
	Acres	637	(D)	49	459	-	(D)	645	(D)	139	(D)	576	1,175	-	154	3,834
	Pounds	1,484,600	(D)	-	1,250,990	-	(D)	1,240,560	(D)	419,175	(D)	1,291,256	3,087,210	-	217,15	8,990,944
	\$1000	1,861	(D)	-	2,202	-	(D)	2,226	(D)	801	(D)	1,993	5,350	-	464	14,897
Potatoes	# farms	3	-	-	1	-	-	-	5	-	2	-	1	-	1	13
	Acres	(Z)	-	-	(D)	-	-	-	3	-	(D)	-	(D)	-	(D)	3
	CWT	40	-	-	(D)	-	-	-	500	-	(D)	-	(D)	-	(D)	540
Sweet potatoes	# farms	1	-	-	-	-	2	-	-	2	2	2	-	-	9	
Peanuts for nuts	# farms	30	-	-	5	-	9	2	11	3	27	11	19	-	6	123
	Acres	1,782	-	-	(D)	-	2,000	(D)	1,494	9	15,296	1,757	4,218	-	30	26,586
	Pounds	5,832,968	-	-	(D)	-	3,800,000	(D)	5,046,008	(D)	50,666,166	5,213,121	9,456,151	-	73,500	80,087,914
Rice	# farms	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1
Vegetables harvested for sale	# farms	113	17	28	23	4	10	20	29	7	42	21	36	-	11	361
	Acres	5,887	225	550	199	(D)	854	2,500	256	241	2,251	519	6,945	-	1,444	21,871
Vegetables, melons, potatoes & sweet potatoes	# farms	111	17	28	23	4	10	8	34	7	42	21	37	-	11	353
	\$1000	12,859	(D)	634	437	(D)	1,723	2,066	331	453	4,387	1,273	16,216	-	1,555	41,934
Orchards	# farms	156	14	24	61	4	25	11	81	9	23	37	66	1	24	536
	Acres	2,179	129	229	325	34	176	101	1,101	63	125	410	732	(D)	289	5,893
Fruits, tree nuts & berries	# farms	141	10	19	38	6	22	3	57	6	23	26	47	3	22	423
	\$1000	8,113	40	(D)	202	11	(D)	(D)	888	53	185	(D)	(D)	(D)	(D)	9,492

Table 1. Summary of agricultural commodity volumes produced, number of farms, and acreage in the Suwannee River Basin counties of Florida, 2002

Item	Units	Alachua	Baker	Bradford	Columbia	Dixie	Gilchrist	Hamilton	Jefferson	Lafayette	Levy	Madison	Suwannee	Taylor	Union	Total All Counties
Nursery, greenhouse, floriculture & sod	# farms	128	12	11	30	4	16	12	33	4	25	15	27	3	4	324
	\$1000	11,122	8,780	399	(D)	(D)	2,127	607	5,086	(D)	10,676	2,955	4,307	(D)	1,448	47,507
Cut Christmas trees & short-rotation woody crops	# farms	4	1	2	-	-	3	-	3	-	-	2	3	2	-	20
	\$1000	(D)	(D)	(D)	-	-	16	-	(D)	-	-	(D)	(D)	(D)	-	16
Forage (all hay and all haylage)	# farms	278	24	95	112	15	104	58	43	48	140	141	291	18	73	1,440
	Acres	22,371	570	5,200	5,558	1,683	8,504	2,437	2,881	4,976	12,416	8,098	17,562	795	3,555	96,606
Other crops & hay	Dry tons	62,167	2,080	15,092	20,250	5,736	24,973	7,983	7,953	20,233	35,817	26,245	63,750	2,480	14,869	309,628
	# farms	152	6	39	50	3	64	24	34	18	87	61	165	6	40	749
Livestock, poultry & products	\$1000	2,748	31	514	(D)	99	1,530	466	998	620	10,397	1,423	4,070	79	459	23,434
	# farms	808	135	244	418	180	223	131	174	126	616	317	641	70	193	4,276
Cattle & calves	\$1000	21,044	15,911	16,240	38,820	(D)	38,364	5,728	11,837	44,762	57,277	14,577	103,464	12,627	6,436	387,087
	# farms	765	137	241	454	97	227	128	136	118	460	337	587	75	207	3,969
Beef cows	Inventory	48,998	4,256	11,103	19,324	5,218	25,690	7,928	12,525	20,173	48,691	22,049	41,253	4,376	8,919	280,503
	\$1000	9,402	(D)	3,417	(D)	861	5,063	1,182	2,126	2,521	7,965	3,796	6,299	846	1,544	45,022
Milk cows & dairy products	# sold	22,344	2,064	6,101	9,239	2,782	14,929	3,275	5,497	8,319	23,665	10,429	17,370	2,289	4,030	132,333
	# farms	610	108	191	372	77	183	118	107	86	347	252	476	60	146	3,133
Hogs & pigs	Inventory	24,090	(D)	(D)	11,800	2,331	6,820	(D)	4,702	3,812	18,168	12,671	16,859	(D)	4,101	105,354
	\$1000	42	4	5	19	9	14	3	4	23	15	11	45	2	13	209
Total All Counties	Inventory	2,495	(D)	(D)	790	1,403	11,344	(D)	3,217	10,891	12,105	61	8,784	(D)	425	51,515
	# farms	5,579	(D)	(D)	1,111	2,080	32,307	(D)	9,590	23,373	38,361	140	20,208	-	1,020	133,769
Total All Counties	# farms	71	11	7	45	16	21	7	25	16	33	21	32	9	8	322
	Inventory	1,439	455	(D)	664	689	151	(D)	431	(D)	1,078	(D)	478	95	296	5,776
Total All Counties	# sold	1,254	386	(D)	546	380	383	6,019	246	(D)	1,329	(D)	976	68	799	12,386
	\$1000	78	13	(D)	27	(D)	(D)	(D)	21	117	52	(D)	55	(D)	37	400

Table 1. Summary of agricultural commodity volumes produced, number of farms, and acreage in the Suwannee River Basin counties of Florida, 2002

Item	Units	Alachua	Baker	Bradford	Columbia	Dixie	Gilchrist	Hamilton	Jefferson	Lafayette	Levy	Madison	Suwannee	Taylor	Union	Total All Counties
Sheep, goats & products	# farms	76	2	15	43	13	13	11	24	11	19	13	28	1	15	284
	\$1000	76	(D)	6	22	4	52	6	14	8	17	14	25	(D)	17	261
Poultry & eggs	Inventory	756	4	42	181	-	180	-	532	(D)	105	26	4	-	(D)	1,830
	# farms	41	26	22	16	10	3	16	21	33	13	20	111	12	11	355
Layer Chickens 20 weeks old & older	\$1000	(D)	13,392	10,921	(D)	1,130	(D)	3,471	9	18,708	2	9,998	76,278	11,731	3,770	149,410
	# farms	69	13	17	43	9	18	7	19	12	33	15	58	9	20	342
Broilers & other meat-type chickens	Inventory	1,320	305	(D)	(D)	78,334	242	(D)	544	89,600	430	(D)	322,268	(D)	(D)	493,043
	# farms	7	0	0	7	-	-	5	2	26	-	11	83	10	3	154
Horses, ponies, mules, burros & donkeys	# sold	(D)	0	0	600,028	-	-	1,790,000	(D)	10,770,270	-	5,909,117	32,874,136	2,480,550	(D)	54,424,101
	# farms	149	20	32	40	3	42	4	34	8	146	23	73	8	13	595
Aquaculture	\$1000	878	97	204	65	17	538	(D)	70	28	2,814	43	289	28	31	5,102
	# farms	8	-	10	4	76	-	-	-	3	136	1	7	-	5	250
Other animals & products	\$1000	183	-	(D)	9	316	-	-	-	(D)	7,901	(D)	33	-	(Z)	8,442
	# farms	28	5	-	18	5	6	7	7	1	16	8	11	5	5	122
Ag products sold directly to consumers	\$1000	(D)	(D)	-	423	26	378	40	7	(D)	165	(D)	276	(D)	17	1,332
	# farms	123	13	18	30	12	14	7	34	9	41	22	41	9	17	390
Certified organically produced commodities	\$1000	679	18	28	47	7	12	3	32	22	101	89	83	12	28	1,161
	# farms	15	1	1	4	1	-	-	9	-	2	1	1	-	2	37
	\$1000	198	(D)	(D)	4	(D)	-	-	(D)	-	(D)	(D)	(D)	-	(D)	202

(D): Nondisclosed due to small number of farms reporting
 Source: 2002 Census of Agriculture Florida. Released June 3, 2004, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, U.S. Department of Agriculture.
 Some information revised by UF/IFAS Extension.

Table 2. Output (revenue) of agriculture and natural resource industries, Suwannee River Basin counties of Florida, 2002 data

Industry Group	Alachua	Baker	Bradford	Columbia	Dixie	Gilchrist	Hamilton	Jefferson	Lafayette	Levy	Madison	Suwannee	Taylor	Union	Grand Total
----- \$Million -----															
Agricultural Inputs & Services															
Agriculture & forestry activities	12.2	0.0	0.2	2.7	0.0	1.3	0.3	1.2	0.1	17.0	9.4	3.5	3.5	0.2	51.5
Farm machinery & equipment mfg	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	1.0
Fertilizer, mixing only, mfg	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.9
Food product machinery mfg	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	0.4
Lawn/garden equipment mfg	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	1.0
New farm housing units/additions	7.8	0.5	0.6	1.8	1.3	0.3	0.2	0.4	0.0	1.2	0.2	0.8	0.7	0.2	15.7
Phosphatic fertilizer mfg	0.0	0.0	0.0	0.0	0.0	0.0	288.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	288.1
Veterinary services	21.6	1.4	0.8	2.2	0.3	0.2	0.7	1.6	0.2	2.7	0.3	2.9	0.6	0.0	35.3
Total	41.7	1.8	1.5	6.7	1.6	1.8	289.4	4.5	0.3	20.9	9.8	8.2	4.8	1.1	394.1
Environmental Horticulture															
Greenhouse/nursery production	6.9	4.3	0.2	1.6	1.1	4.1	0.2	12.9	2.2	18.1	5.8	3.2	0.4	0.4	61.6
Landscape services (70% bldgs)	35.7	0.6	2.6	5.5	0.2	0.5	0.3	1.4	0.1	1.9	1.0	2.8	1.8	1.0	55.4
Total	42.6	4.9	2.8	7.1	1.3	4.7	0.6	14.3	2.3	20.0	6.9	6.0	2.2	1.4	117.1
Fishing & Wildlife															
Fishing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	1.9
Wildlife (hunting & trapping)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.2	0.0	0.0	0.0	0.0	0.0	0.0	12.2
Total	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.2	0.0	1.9	0.0	0.0	0.0	0.0	14.0
Forestry, Wood & Paper Product Mfg															
Cut stock/resawing lumber/planting	0.0	0.0	0.0	15.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.5
Engineered wood & truss mfg	12.7	0.0	0.0	0.5	0.0	1.3	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	15.1
Envelope manufacturing	7.6	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	7.6
Forest nurseries/products/timber	20.5	6.6	0.0	0.0	2.5	7.7	2.2	3.3	1.0	1.6	2.4	38.4	11.6	0.0	97.8
Logging	6.2	2.0	8.0	15.8	29.0	5.1	1.6	21.8	3.2	26.5	16.8	45.8	43.6	9.3	234.8
Miscellaneous wood product mfg	0.0	0.0	0.4	0.3	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	2.6
Other millwork, including flooring	4.8	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	5.0
Prefabricated wood building mfg.	0.1	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	2.2
Pulp mills	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	608.6	0.0	608.6
Sawmills	5.5	0.0	8.6	47.1	67.2	5.8	0.0	0.0	0.0	1.2	0.0	0.0	28.6	25.4	189.2
Veneer & plywood mfg	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	51.5	0.0	0.0	0.0	51.5
Wood container/pallet mfg	5.2	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	6.2
Wood preservation	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	9.6
Wood windows/doors mfg	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	2.0
Total	70.4	8.6	18.1	79.3	99.1	21.4	3.8	25.0	4.8	31.7	70.7	87.5	692.4	34.7	1,247.7

Table 2(continued). Output (revenue) of agriculture and natural resource industries, Suwannee River Basin counties of Florida, 2002 data

Industry Group	Alachua	Baker	Bradford	Columbia	Dixie	Gilchrist	Hamilton	Jefferson	Lafayette	Levy	Madison	Suwannee	Taylor	Union	Grand Total
<----- \$Million ----->															
Fruit & Vegetable Farming & Processing															
Fruit farming	19.6	0.2	0.5	0.5	0.1	1.3	0.4	3.6	1.0	1.5	1.2	1.9	0.5	1.3	33.7
Vegetable & melon farming	17.1	7.7	0.7	0.2	2.8	7.5	1.8	1.0	1.5	19.4	2.1	31.6	0.0	1.1	94.5
Total	36.7	7.9	1.2	0.7	2.9	8.8	2.2	4.6	2.5	20.9	3.3	33.5	0.5	2.4	128.2
Livestock & Dairy Farming & Animal Products Mfg															
Animal production, except cattle & poultry	13.1	1.7	0.9	3.3	0.7	3.3	0.5	0.2	0.6	5.6	4.7	1.7	1.8	0.5	38.6
Animal, except poultry, slaughtering	0.0	0.0	2.3	18.9	0.0	0.0	7.2	0.0	0.0	0.0	0.0	30.3	0.0	0.0	58.6
Cattle ranching & farming	14.4	2.8	9.6	7.5	7.0	34.1	4.9	14.4	21.4	29.1	5.5	23.7	1.7	4.0	180.2
Meat processed from carcasses	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.2	0.0	0.0	0.0	100.2
Poultry & egg production	1.1	7.5	12.9	4.9	1.2	0.4	3.4	0.4	24.3	0.0	12.3	53.9	3.7	3.5	129.7
Poultry processing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	286.9	0.0	0.0	286.9
Rendering & meat byproduct processing	0.0	0.0	16.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.2
Total	28.6	12.0	41.9	34.5	8.9	37.9	15.9	15.1	46.4	34.7	122.7	396.5	7.2	8.0	810.4
Mining															
Drilling oil & gas wells	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	0.1	0.3
Gold/silver/other metal ore mining	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
Oil & gas extraction	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	2.0
Other nonmetallic mineral mining	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.9
Stone mining & quarrying	7.6	0.0	0.0	0.0	0.1	0.0	0.0	0.0	2.0	9.1	0.0	1.7	16.3	0.0	36.6
Support activities for oil & gas	0.3	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	0.5
Total	7.9	0.0	0.9	0.0	0.1	0.0	0.0	0.0	2.0	9.2	0.0	1.7	18.9	0.1	40.8
Other Crop Farming															
All other crop farming	3.7	0.0	0.4	0.8	0.1	2.2	0.2	1.3	1.4	14.2	1.2	5.4	0.0	0.4	31.4
Cotton farming	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.4
Grain farming	0.0	0.0	0.0	0.0	0.0	0.1	0.3	1.4	0.1	0.1	0.6	0.4	0.0	0.0	3.0
Oilseed farming	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.3	0.0	0.0	0.0	0.4
Tobacco farming	2.3	0.1	0.0	0.6	0.0	0.4	1.2	0.5	1.8	0.8	2.5	7.6	0.0	0.2	17.9
Tree nut farming	0.2	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	0.5
Total	6.2	0.1	0.4	1.4	0.1	2.7	1.8	3.9	3.3	15.1	4.7	13.4	0.0	0.6	53.5
Other Food Product Manufacturing															
Bread/bakery, except frozen, mfg	3.6	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.3	0.0	4.4
Breweries	3.1	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	3.1
Other animal food manufacturing	0.0	0.0	0.0	17.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.7	0.0	7.6	29.9
Other snack food manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.9	0.0	12.9
Soft drink & ice manufacturing	4.2	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.7
Confectionery manufacturing	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
Total	12.0	0.0	0.0	17.7	0.0	0.0	2.1	0.0	0.0	0.0	0.0	4.7	13.2	7.6	57.2
Total Industry Output	246.1	35.3	66.8	147.4	114.0	77.2	315.8	79.5	61.5	154.4	218.1	551.5	739.3	56.0	2,862.9

Source: IMPLAN data for Florida counties (2005)

Table 3. Output impacts of agriculture and natural resource industries, Suwannee River Basin counties of Florida, 2002 data

Industry Group	Alachua	Baker	Bradford	Columbia	Dixie	Gilchrist	Hamilton	Jefferson	Lafayette	Levy	Madison	Suwannee	Taylor	Union	Grand Total
<----- \$Million ----->															
Agricultural Inputs & Services															
Agriculture & forestry activities	25.9	0.0	0.2	4.9	0.0	1.3	0.3	1.2	0.1	22.4	12.4	3.5	3.5	0.2	76.0
Farm machinery & equipment mfg	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	1.2
Fertilizer, mixing only, mfg	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.9
Food product machinery mfg	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	0.0	0.5
Lawn/garden equipment mfg	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	1.0
New farm housing units/additions	7.8	0.5	0.6	1.8	1.3	0.3	0.2	0.4	0.0	1.2	0.2	0.8	0.7	0.2	15.7
Phosphatic fertilizer mfg	0.0	0.0	0.0	0.0	0.0	0.0	374.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	374.4
Veterinary services	31.9	1.5	0.8	2.2	0.3	0.2	0.7	1.8	0.2	3.2	0.3	3.0	0.6	0.0	46.8
Total	65.8	2.0	1.5	8.9	1.6	1.8	375.6	4.9	0.3	26.8	12.9	8.5	4.8	1.1	516.4
Environmental Horticulture															
Greenhouse/nursery production	9.7	6.2	0.2	1.7	1.5	5.6	0.2	17.5	2.8	26.7	8.1	4.4	0.4	0.4	85.3
Landscape services (70% bldgs)	41.9	0.6	2.9	6.5	0.2	0.5	0.3	1.6	0.1	2.0	1.1	3.1	1.9	1.0	63.7
Total	51.5	6.8	3.1	8.2	1.7	6.1	0.6	19.1	2.9	28.7	9.2	7.5	2.3	1.4	149.0
Fishing and Wildlife															
Fishing	0.0	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	3.1
Wildlife (hunting & trapping)	0.0	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	16.7
Total	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.7	0.0	3.1	0.0	0.0	0.0	0.0	19.8
Forestry, Wood & Paper Product Mfg															
Cut stock/resawing lumber/planting	0.0	0.0	0.0	22.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.7
Engineered wood & truss mfg	19.1	0.0	0.0	0.7	0.0	2.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	22.5
Envelope manufacturing	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.9
Forest nurseries/products/timber	34.8	8.7	0.0	0.0	3.7	11.2	3.1	5.0	1.4	7.5	8.2	57.5	19.9	0.0	160.9
Logging	7.2	2.8	9.4	16.3	29.6	5.6	2.2	29.0	4.2	38.8	17.3	64.9	44.2	9.5	280.8
Miscellaneous wood product mfg	0.0	0.0	0.5	0.3	0.0	2.4	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	3.6
Other millwork, including flooring	5.5	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	5.7
Prefabricated wood building mfg	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0	3.3
Pulp mills	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	791.5	0.0	791.5
Sawmills	6.1	0.0	15.1	82.6	108.7	9.7	0.0	0.0	0.0	1.3	0.0	0.0	29.5	38.3	291.2
Veneer & plywood mfg	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	81.2	0.0	0.0	0.0	81.2
Wood container/pallet mfg	8.2	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	9.7
Wood preservation	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	14.7
Wood windows/doors mfg	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	2.4
Total	99.1	11.4	26.4	122.8	142.6	30.9	5.2	34.0	6.3	51.1	106.7	126.7	885.0	47.7	1,696.0

Table 3 (continued). Output impacts of agriculture and natural resource industries, Suwannee River Basin counties of Florida, 2002 data

Industry Group	Alachua	Baker	Bradford	Columbia	Dixie	Gilchrist	Hamilton	Jefferson	Lafayette	Levy	Madison	Suwannee	Taylor	Union	Grand Total
\$Million															
Fruit & Vegetable Farming & Processing															
Fruit farming	31.2	0.2	0.6	0.6	0.2	1.7	0.5	4.6	1.2	2.0	1.7	2.5	0.6	1.6	49.0
Vegetable & melon farming	25.1	10.6	0.8	0.2	3.7	9.9	2.2	1.2	1.9	29.9	2.8	44.7	0.0	1.3	134.3
Total	56.3	10.8	1.3	0.8	3.8	11.6	2.7	5.8	3.1	31.9	4.5	47.2	0.6	2.9	183.3
Livestock & Dairy Farming & Animal Products Mfg															
Animal production, except cattle & poultry	19.1	2.1	1.0	3.3	0.8	4.1	0.5	0.3	0.8	8.2	5.3	1.7	2.1	0.6	49.9
Animal, except poultry, slaughtering	0.0	0.0	2.6	29.6	0.0	0.0	11.2	0.0	0.0	0.0	0.0	56.5	0.0	0.0	100.0
Cattle ranching & farming	23.9	3.9	12.9	7.5	9.2	48.2	5.2	21.0	29.4	50.4	5.5	28.4	2.2	5.4	253.2
Meat processed from carcasses	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	132.0	0.0	0.0	0.0	132.0
Poultry & egg production	1.6	9.9	16.5	6.6	1.4	0.5	4.2	0.5	29.7	0.0	15.3	54.1	4.4	4.1	148.9
Poultry processing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	446.9	0.0	0.0	446.9
Rendering & meat byproduct processing	0.0	0.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0
Total	44.7	15.9	58.0	47.1	11.4	52.9	21.1	21.8	59.9	58.6	158.1	587.6	8.7	10.1	1,155.8
Mining															
Drilling oil & gas wells	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	0.1	0.3
Gold/silver/other metal ore mining	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	0.8
Oil & gas extraction	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	2.5
Other nonmetallic mineral mining	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	1.0
Stone mining & quarrying	14.2	0.0	0.0	0.0	0.1	0.0	0.0	0.0	2.4	13.1	0.0	2.4	20.4	0.0	52.6
Support activities for oil & gas	0.6	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
Total	14.8	0.0	1.2	0.0	0.1	0.0	0.0	0.0	2.4	13.2	0.0	2.4	23.6	0.1	57.9
Other Crop Farming															
All other crop farming	5.2	0.0	0.4	0.8	0.1	2.3	0.2	1.3	1.4	18.1	1.3	5.5	0.0	0.4	37.0
Cotton farming	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.5
Grain farming	0.1	0.0	0.0	0.0	0.0	0.1	0.4	1.8	0.1	0.2	0.9	0.5	0.0	0.0	4.0
Oilseed farming	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.5	0.0	0.0	0.0	0.7
Tobacco farming	4.4	0.1	0.0	1.0	0.0	0.5	1.6	0.6	2.2	1.1	3.5	10.7	0.0	0.2	26.0
Tree nut farming	0.4	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	0.7
Total	10.0	0.1	0.4	1.8	0.1	2.8	2.3	4.7	3.8	19.4	6.2	16.7	0.0	0.6	68.9
Other Food Product Manufacturing															
Bread/bakery, except frozen, mfg	3.6	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.3	0.0	4.5
Breweries	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.9
Other animal food manufacturing	0.0	0.0	0.0	24.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	8.5	39.0
Other snack food manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.3	0.0	15.3
Soft drink & ice manufacturing	6.4	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.1
Confectionery manufacturing	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	0.0	2.0
Total	17.8	0.0	0.0	24.5	0.0	0.0	2.3	0.0	0.0	0.0	0.0	6.0	15.6	8.5	74.7
Total Output Impacts	360.0	47.0	91.9	214.0	161.3	106.1	409.8	106.9	78.7	232.8	297.6	802.7	940.6	72.6	3,921.8

Source: IMPLAN data for Florida counties (2005)

Table 4. Employment impacts of agriculture and natural resource industries, Suwannee River Basin counties of Florida, 2002 data

Industry Group	Jobs														Grand Total
	Alachua	Baker	Bradford	Columbia	Dixie	Gilchrist	Hamilton	Jefferson	Lafayette	Levy	Madison	Suwannee	Taylor	Union	
Agricultural Inputs & Services															
Agriculture & forestry activities	320	0	7	65	0	49	13	33	5	333	356	38	74	10	1,303
Farm machinery & equipment mfg	0	0	0	0	0	0	0	0	0	0	0	7	0	0	7
Fertilizer, mixing only, mfg	1	0	0	0	0	0	0	0	0	0	0	0	0	2	3
Food product machinery mfg	0	0	0	0	0	0	0	5	0	0	0	0	0	0	5
Lawn/garden equipment mfg	0	0	0	0	0	0	0	4	0	0	0	0	0	0	4
New farm housing units/additions	46	3	4	10	7	2	1	2	0	7	1	6	4	1	95
Phosphatic fertilizer mfg	0	0	0	0	0	0	1,305	0	0	0	0	0	0	0	1,305
Veterinary services	569	33	18	39	8	5	13	37	5	61	5	63	9	0	865
Total	937	36	28	113	15	56	1,333	81	10	401	362	114	87	14	3,588
Environmental Horticulture															
Greenhouse/nursery production	166	101	7	177	34	46	9	246	22	223	159	58	12	27	1,288
Landscape services (70% bldgs)	1,069	19	66	164	4	14	9	43	2	48	42	86	63	27	1,656
Total	1,235	120	73	340	39	60	18	289	24	271	201	144	74	55	2,944
Fishing and Wildlife															
Fishing	0	0	0	0	0	0	0	0	0	57	0	0	0	0	57
Wildlife (hunting & trapping)	0	0	0	0	0	0	0	233	0	0	0	0	0	0	233
Total	0	0	0	0	0	0	0	233	0	0	0	0	0	0	290
Forestry, Wood & Paper Product Mfg															
Cut stock/resawing lumber/planting	0	0	0	136	0	0	0	0	0	0	0	0	0	0	136
Engineered wood & truss mfg	186	0	0	7	0	24	0	0	9	0	0	0	0	0	226
Envelope manufacturing	96	0	0	0	0	0	0	0	0	0	0	0	0	0	96
Forest nurseries/products/timber	276	54	0	0	25	99	29	41	10	95	154	337	186	0	1,307
Logging	45	19	60	85	158	31	14	0	26	290	98	308	182	62	1,376
Miscellaneous wood product mfg	0	0	4	3	0	23	0	195	0	0	0	3	0	0	229
Other millwork, including flooring	69	0	0	3	0	0	0	0	0	0	0	0	0	0	72
Prefabricated wood building mfg	4	0	0	0	0	0	0	0	0	0	0	27	0	0	31
Pulp mills	0	0	0	0	0	0	0	0	0	0	0	0	3,130	0	3,130
Sawmills	40	0	110	656	719	70	0	0	0	8	0	0	182	275	2,060
Veneer & plywood mfg	0	0	0	0	0	0	0	0	0	0	682	0	0	0	682
Wood container/pallet mfg	113	0	0	0	8	0	0	0	0	12	0	0	0	0	133
Wood preservation	71	0	0	0	0	0	0	0	0	15	0	0	0	0	86
Wood windows/doors mfg	0	0	12	0	0	0	0	0	0	0	0	9	0	0	21
Total	901	73	186	889	909	247	43	237	45	420	933	685	3,679	337	9,585

Table 4 (continued). Employment impacts of agriculture and natural resource industries, Suwannee River Basin counties of Florida, 2002 data

Industry Group	Jobs														Grand Total
	Alachua	Baker	Bradford	Columbia	Dixie	Gilchrist	Hamilton	Jefferson	Lafayette	Levy	Madison	Suwannee	Taylor	Union	
Fruit & Vegetable Farming & Processing															
Fruit farming	551	4	17	20	3	18	13	79	13	22	36	41	15	51	883
Vegetable & melon farming	300	125	16	8	54	62	47	10	10	201	37	371	0	42	1,283
Total	851	128	33	29	58	80	60	89	23	223	73	412	15	93	2,165
Livestock & Dairy Farming & Animal Products Mfg															
Animal production, except cattle & poultry	480	56	31	111	23	96	15	0	20	193	157	53	63	19	1,315
Animal, except poultry, slaughtering	0	0	11	215	0	0	72	7	0	0	0	388	0	0	694
Cattle ranching & farming	274	42	147	83	100	484	57	227	296	523	59	301	26	65	2,683
Meat processed from carcasses	0	0	0	0	0	0	0	0	0	0	913	0	0	0	913
Poultry & egg production	10	54	93	42	7	2	22	2	106	0	77	116	20	21	571
Poultry processing	0	0	0	0	0	0	0	0	0	0	0	3,270	0	0	3,270
Rendering & meat byproduct processing	0	0	160	0	0	0	0	0	0	0	0	0	0	0	160
Total	764	152	442	450	129	582	166	237	422	716	1,205	4,128	108	105	9,606
Mining															
Drilling oil & gas wells	0	0	0	0	0	0	0	0	0	2	0	0	0	2	4
Gold/silver/other metal ore mining	0	0	8	0	0	0	0	0	0	0	0	0	0	0	8
Oil & gas extraction	0	0	0	0	0	0	0	0	0	0	0	0	86	0	86
Other nonmetallic mineral mining	0	0	3	0	0	0	0	0	0	0	0	0	5	0	9
Stone mining & quarrying	142	0	0	0	2	0	0	0	17	123	0	25	109	0	419
Support activities for oil & gas	13	0	4	0	0	0	0	0	0	0	0	0	0	0	17
Total	155	0	16	0	2	0	0	0	17	126	0	25	200	2	543
Other Crop Farming															
All other crop farming	61	0	7	20	1	10	4	11	6	102	14	41	1	9	316
Cotton farming	0	0	0	0	0	0	1	3	0	0	0	0	0	0	1
Grain farming	1	0	0	1	0	1	16	34	1	2	23	9	0	0	88
Oilseed farming	0	0	0	0	0	0	0	3	0	0	9	0	0	0	12
Tobacco farming	87	2	0	67	0	4	68	10	18	10	79	143	0	15	503
Tree nut farming	4	0	0	0	0	0	0	2	0	0	0	0	0	0	4
Total	153	2	7	88	1	16	89	63	25	113	125	193	1	23	925
Other Food Product Manufacturing															
Bread/bakery, except frozen, mfg	56	0	0	0	0	0	6	0	0	0	0	0	4	0	66
Breweries	60	0	0	0	0	0	0	0	0	0	0	0	0	0	60
Other animal food manufacturing	0	0	0	120	0	0	0	0	0	0	0	24	0	28	173
Other snack food manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	77	0	77
Soft drink & ice manufacturing	46	0	0	0	0	0	9	0	0	0	0	0	0	0	55
Confectionery manufacturing	19	0	0	0	0	0	0	0	0	0	0	0	0	0	19
Total	181	0	0	121	0	0	16	0	0	0	0	25	81	28	450
Total Employment Impacts	5,176	512	785	2,030	1,153	1,041	1,724	1,229	566	2,327	2,899	5,726	4,246	656	30,071

Source: IMPLAN data for Florida counties (2005)

Table 5. Value-added impacts of agriculture and natural resource industries, Suwannee River Basin counties of Florida, 2002 data

Industry Group	\$Million														Grand Total
	Alachua	Baker	Bradford	Columbia	Dixie	Gilchrist	Hamilton	Jefferson	Lafayette	Levy	Madison	Suwannee	Taylor	Union	
Agricultural Inputs & Services															
Agriculture & forestry activities	20.2	0.0	0.1	3.8	0.0	0.9	0.2	0.9	0.1	18.4	8.7	3.2	2.9	0.1	59.5
Farm machinery & equipment mfg	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.3
Fertilizer, mixing only, 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	0.1	0.1
Food product machinery mfg	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	0.1
Lawn/garden equipment mfg	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	0.1
New farm housing units/additions	1.6	0.1	0.1	0.4	0.4	0.0	0.0	0.1	0.0	0.2	0.0	0.1	0.2	0.0	3.2
Phosphatic fertilizer mfg	0.0	0.0	0.0	0.0	0.0	0.0	92.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	92.7
Veterinary services	14.4	0.5	0.2	0.9	0.1	0.1	0.3	0.7	0.0	1.3	0.1	1.0	0.3	0.0	19.9
Total	36.3	0.6	0.4	5.2	0.4	1.0	93.2	1.9	0.1	19.8	8.8	4.5	3.3	0.2	175.8
Environmental Horticulture															
Greenhouse/nursery production	7.6	4.9	0.1	1.4	1.2	4.4	0.2	13.8	2.3	20.6	6.4	3.4	0.3	0.3	67.0
Landscape services (70% bldgs)	25.7	0.3	1.9	4.0	0.1	0.3	0.2	1.0	0.0	1.2	0.5	1.9	1.0	0.6	38.9
Total	33.3	5.2	2.0	5.4	1.3	4.7	0.4	14.8	2.3	21.8	6.9	5.3	1.3	1.0	105.8
Fishing and Wildlife															
Fishing	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	1.8
Wildlife (hunting & trapping)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.9	0.0	0.0	0.0	0.0	0.0	0.0	7.9
Total	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.9	0.0	1.8	0.0	0.0	0.0	0.0	9.7
Forestry, Wood & Paper Product															
Cut stock/resawing lumber/planting	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	5.7
Engineered wood & truss mfg	10.3	0.0	0.0	0.3	0.0	0.6	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	11.5
Envelope 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
Forest nurseries/products/timber	16.1	3.4	0.0	0.0	1.3	4.2	1.1	2.0	0.5	4.8	4.4	29.3	9.7	0.0	76.9
Logging	2.5	1.0	3.2	5.9	10.2	2.1	0.8	9.8	1.6	14.3	5.7	36.6	19.2	2.4	115.4
Miscellaneous wood product mfg	0.0	0.0	0.2	0.1	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.9
Other millwork, including flooring	2.2	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	2.3
Prefabricated wood building mfg	0.2	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	1.2
Pulp mills	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	224.1	0.0	224.1
Sawmills	1.7	0.0	5.6	28.2	37.3	2.7	0.0	0.0	0.0	0.3	0.0	0.0	7.6	12.0	95.3
Veneer & plywood mfg	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.6	0.0	0.0	0.0	27.6
Wood container/pallet mfg	4.1	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	4.7
Wood preservation	3.3	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	4.0
Wood windows/doors mfg	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.9
Total	40.4	4.5	9.6	40.2	49.0	10.3	1.9	11.8	2.4	20.5	37.8	67.3	260.7	14.4	570.7

* Omitted due to questionable data.

Table 5 (continued). Value-added impacts of agriculture and natural resource industries, Suwannee River Basin counties of Florida, 2002 data

Industry Group	\$Million													Grand Total	
	Alachua	Baker	Bradford	Columbia	Dixie	Gilchrist	Hamilton	Jefferson	Lafayette	Levy	Madison	Suwannee	Taylor		Union
Fruit & Vegetable Farming & Processing															
Fruit farming	15.5	0.1	0.1	0.1	0.1	1.0	0.1	2.2	0.7	1.2	0.7	1.2	0.2	0.4	23.6
Vegetable & melon farming	14.8	6.2	0.4	0.1	2.1	5.8	1.2	0.7	1.1	17.7	1.6	25.8	0.0	0.7	78.3
Total	30.3	6.3	0.5	0.2	2.1	6.8	1.4	2.9	1.8	18.9	2.4	27.0	0.2	1.1	101.9
Livestock & Dairy Farming & Animal Products Mfg															
Animal production, except cattle & poultry	5.1	0.4	0.0	0.1	0.1	1.3	0.0	0.0	0.2	2.3	0.6	0.1	0.2	0.0	10.6
Animal, except poultry, slaughtering	0.0	0.0	0.3	5.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	10.7	0.0	0.0	17.5
Cattle ranching & farming	5.7	0.6	1.0	0.0	0.8	10.4	0.2	3.0	5.1	12.7	0.2	2.7	0.2	0.4	42.9
Meat processed from carcasses	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.1	0.0	0.0	0.0	29.1
Poultry & egg production	0.7	4.1	4.7	1.5	0.5	0.3	1.1	0.2	16.9	0.0	5.9	22.9	1.4	0.8	61.0
Poultry processing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	122.7	0.0	0.0	122.7
Rendering & meat byproduct processing	0.0	0.0	11.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.4
Total	11.5	5.1	17.5	6.5	1.4	12.0	2.9	3.3	22.1	15.1	35.8	159.1	1.8	1.2	295.2
Mining															
Drilling oil & gas wells	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Gold/silver/other metal ore mining	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	0.4
Oil & gas extraction	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	1.4
Other nonmetallic mineral mining	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.6
Stone mining & quarrying	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	7.8	0.0	1.4	13.1	0.0	32.9
Support activities for oil & gas	0.4	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	0.5
Total	9.4	0.0	0.7	0.0	0.0	0.0	0.0	0.0	1.5	7.9	0.0	1.4	14.9	0.0	35.9
Other Crop Farming															
All other crop farming	2.6	0.0	0.1	0.2	0.0	1.2	0.1	0.6	0.8	10.2	0.5	2.6	0.0	0.1	19.1
Cotton farming	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	0.2
Grain farming	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.9	0.1	0.1	0.5	0.3	0.0	0.0	2.1
Oilseed farming	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.3	0.0	0.0	0.0	0.5
Tobacco farming	2.9	0.1	0.0	0.7	0.0	0.3	1.0	0.4	1.5	0.7	2.3	6.9	0.0	0.2	16.9
Tree nut farming	0.2	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	0.4
Total	5.7	0.1	0.1	0.8	0.0	1.6	1.3	2.5	2.3	11.0	3.6	9.8	0.0	0.3	39.2
Other Food Product Manufacturing															
Bread/bakery, except frozen, mfg	1.4	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	1.8
Breweries	3.8	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	3.8
Other animal food manufacturing	0.0	0.0	0.0	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	1.3	8.0
Other snack food manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.3	0.0	6.3
Soft drink & ice manufacturing	2.1	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	2.5
Confectionery 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	1.0
Total	8.2	0.0	0.0	5.5	0.0	0.0	0.7	0.0	0.0	0.0	0.0	1.2	6.4	1.3	23.3
Total Value-added Impacts	175.1	21.7	30.8	64.0	54.2	36.2	101.8	44.9	32.6	116.9	95.3	275.5	288.8	19.6	1,357.5

Source: IMPLAN data for Florida counties (2005)

Table 6. Labor income impacts of agriculture and natural resource industries, Suwannee River Basin counties of Florida, 2002 data

Industry Group	Alachua	Baker	Bradford	Columbia	Dixie	Gilchrist	Hamilton	Jefferson	Lafayette	Levy	Madison	Suwannee	Taylor	Union	Grand Total
\$Million															
Agricultural Inputs & Services															
Agriculture & forestry activities	19.1	0.0	0.1	3.8	0.0	1.1	0.3	1.1	0.1	19.8	9.5	3.8	3.6	0.1	62.5
Farm machinery & equipment mfg	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.2
Fertilizer, mixing only, 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	0.1	0.1
Food product machinery mfg	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	0.1
Lawn/garden equipment mfg	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	0.1
New farm housing units/additions	1.4	0.1	0.1	0.4	0.3	0.0	0.0	0.1	0.0	0.2	0.0	0.1	0.1	0.0	2.8
Phosphatic fertilizer mfg	0.0	0.0	0.0	0.0	0.0	0.0	72.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	72.7
Veterinary services	12.0	0.5	0.2	0.9	0.0	0.1	0.3	0.6	0.0	1.1	0.1	0.9	0.3	0.0	17.1
Total	32.6	0.5	0.4	5.1	0.4	1.2	73.3	1.9	0.1	21.1	9.6	5.0	4.0	0.2	155.4
Environmental Horticulture															
Greenhouse/nursery production	4.2	2.7	0.1	0.7	0.6	2.4	0.1	7.1	1.2	10.8	3.4	1.7	0.2	0.2	35.3
Landscape services (70% bldgs)	21.3	0.3	3.5	3.3	0.1	0.3	0.2	0.8	0.0	1.0	0.4	1.6	0.9	0.5	34.2
Total	25.5	3.0	3.5	4.0	0.7	2.6	0.3	8.0	1.2	11.8	3.8	3.3	1.0	0.7	69.5
Fishing and Wildlife															
Fishing	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	1.5
Wildlife (hunting & trapping)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7	0.0	0.0	0.0	0.0	0.0	0.0	3.7
Total	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7	0.0	1.5	0.0	0.0	0.0	0.0	5.2
Forestry, Wood & Paper Product Mfg															
Cut stock/resawing lumber/planting	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	3.6
Engineered wood & truss mfg	6.6	0.0	0.0	0.2	0.0	0.4	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	7.3
Envelope 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
Forest nurseries/products/timber	9.6	1.7	0.0	0.0	0.7	2.5	0.7	1.2	0.2	4.4	3.9	14.7	6.9	0.0	46.3
Logging	1.4	0.6	1.8	3.2	5.5	1.1	0.5	5.4	0.9	8.8	3.1	19.9	10.3	1.3	63.9
Miscellaneous wood product mfg	0.0	0.0	0.1	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
Other millwork, including flooring	2.0	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	2.1
Prefabricated wood building mfg	0.1	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	0.9
Pulp mills	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	160.2	0.0	160.2
Sawmills	1.1	0.0	3.6	18.2	23.9	1.7	0.0	0.0	0.0	0.2	0.0	0.0	5.1	8.0	61.8
Veneer & plywood mfg	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.7	0.0	0.0	0.0	19.7
Wood container/pallet mfg	3.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	3.4
Wood preservation	2.3	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	2.7
Wood windows/doors mfg	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.6
Total	26.1	2.2	5.9	25.3	30.2	6.0	1.1	6.6	1.3	14.1	26.7	35.6	182.6	9.3	373.1

* Omitted due to questionable data.

Table 6 (continued). Labor income impacts of agriculture and natural resource industries, Suwannee River Basin counties of Florida, 2002 data

Industry Group	Alachua	Baker	Bradford	Columbia	Dixie	Gilchrist	Hamilton	Jefferson	Lafayette	Levy	Madison	Suwannee	Taylor	Union	Grand Total
<----- \$Million ----->															
Fruit & Vegetable Farming & Processing															
Fruit farming	9.4	0.0	0.1	0.1	0.0	0.6	0.1	1.2	0.4	0.7	0.5	0.6	0.1	0.2	13.9
Vegetable and melon farming	7.3	3.0	0.2	0.0	0.9	2.7	0.6	0.3	0.5	9.1	0.8	11.6	0.0	0.3	37.4
Total	16.7	3.1	0.2	0.1	1.0	3.2	0.7	1.5	0.9	9.8	1.3	12.3	0.1	0.6	51.3
Livestock & Dairy Farming & Animal Products Mfg															
Animal production, except cattle & poultry	3.0	0.3	0.0	0.0	0.1	0.8	0.0	0.0	0.1	1.4	0.4	0.1	0.1	0.0	6.4
Animal, except poultry, slaughtering	0.0	0.0	0.2	3.5	0.0	0.0	1.1	0.0	0.0	0.0	0.0	6.6	0.0	0.0	11.5
Cattle ranching & farming	3.2	0.3	0.5	0.0	0.4	5.1	0.1	1.4	2.2	6.3	0.1	1.1	0.1	0.2	21.1
Meat processed from carcasses	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0	20.8
Poultry & egg production	0.4	2.0	2.0	0.7	0.2	0.1	0.5	0.1	6.2	0.0	2.4	6.5	0.5	0.3	21.9
Poultry processing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	84.4	0.0	0.0	84.4
Rendering & meat byproduct processing	0.0	0.0	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.1
Total	6.6	2.6	8.8	4.3	0.7	6.1	1.8	1.5	8.5	7.8	23.6	98.7	0.7	0.6	172.2
Mining															
Drilling oil & gas wells	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Gold/silver/other metal ore mining	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	0.3
Oil & gas extraction	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.6
Other nonmetallic mineral mining	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.3
Stone mining & quarrying	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	4.4	0.0	0.8	7.3	0.0	18.8
Support activities for oil & gas	0.3	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	0.4
Total	5.7	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.9	4.4	0.0	0.8	8.2	0.0	20.6
Other Crop Farming															
All other crop farming	1.3	0.0	0.0	0.1	0.0	0.4	0.0	0.2	0.2	4.0	0.2	0.8	0.0	0.0	7.4
Cotton farming	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	0.1
Grain farming	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.0	0.1	0.2	0.1	0.0	0.0	0.9
Oilseed farming	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	0.2
Tobacco farming	1.5	0.0	0.0	0.3	0.0	0.1	0.4	0.2	0.6	0.3	1.0	2.7	0.0	0.1	7.2
Tree nut farming	0.1	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	0.2
Total	2.9	0.0	0.0	0.4	0.0	0.6	0.6	1.0	0.8	4.4	1.6	3.7	0.0	0.1	16.1
Other Food Product Manufacturing															
Bread/bakery, except frozen, mfg	0.8	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.1	0.0	1.0
Breweries	1.8	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	1.8
Other animal food manufacturing	0.0	0.0	0.0	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.9	5.3
Other snack food manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0	2.6
Soft drink & ice manufacturing	1.3	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	1.6
Confectionery manufacturing	0.5	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	0.5
Total	4.5	0.0	0.0	3.6	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.7	2.6	0.9	12.8
Total Labor Income Impacts	120.6	11.4	19.5	42.8	33.0	19.8	78.1	24.2	13.6	74.9	66.6	159.9	199.3	12.5	876.2

Source: IMPLAN data for Florida counties (2005)

Table 7. Indirect business tax impacts of agriculture and natural resource industries, Suwannee River Basin counties of Florida, 2002 data

Industry Group	Alachua	Baker	Bradford	Columbia	Dixie	Gilchrist	Hamilton	Jefferson	Lafayette	Levy	Madison	Suwannee	Taylor	Union	Grand Total
	-----\$Million----->														
Agricultural Inputs & Services															
Agriculture & forestry activities	0.9	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.6	0.3	0.0	0.0	0.0	2.0
Farm machinery & 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
Fertilizer, mixing only, 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
Food product machinery 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
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
New farm housing units/additions	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Phosphatic fertilizer 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
Veterinary services	1.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.1	0.0	0.0	1.4
Total	1.9	0.0	0.0	0.2	0.0	0.0	5.1	0.1	0.0	0.7	0.3	0.1	0.1	0.0	8.6
Environmental Horticulture															
Greenhouse/nursery production	0.2	0.1	0.0	0.0	0.0	0.1	0.0	0.4	0.1	0.7	0.2	0.1	0.0	0.0	2.1
Landscape Services (70% bldgs)	1.0	0.0	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	2.6
Total	1.3	0.1	1.2	0.2	0.0	0.1	0.0	0.5	0.1	0.8	0.2	0.2	0.0	0.0	4.7
Fishing and Wildlife															
Fishing	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
Wildlife (hunting & trapping)	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	0.9
Total	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.1	0.0	0.0	0.0	0.0	1.0
Forestry, Wood & Paper Product Mfg															
Cut stock/resawing lumber/planting	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	0.3
Engineered wood & truss mfg	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
Envelope manufacturing	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
Forest nurseries/products/timber	1.2	0.3	0.0	0.0	0.1	0.3	0.1	0.1	0.0	0.2	0.2	2.5	0.7	0.0	5.8
Logging	0.1	0.0	0.1	0.2	0.3	0.1	0.0	0.4	0.1	0.6	0.2	1.6	0.6	0.1	4.2
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
Other millwork, including flooring	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
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	0.1	0.0	0.0	0.1
Pulp mills	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	0.0	14.8
Sawmills	0.0	0.0	0.2	1.5	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	3.5
Veneer & plywood mfg	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	1.1
Wood container/pallet mfg	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
Wood preservation	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
Wood windows/doors 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
Total	2.3	0.3	0.3	2.0	1.6	0.5	0.1	0.5	0.1	0.9	1.5	4.2	16.2	0.4	31.0

Table 7 (continued). Indirect business tax impacts of agriculture and natural resource industries, Suwannee River Basin counties of Florida, 2002 data

Industry Group	Alachua	Baker	Bradford	Columbia	Dixie	Gilchrist	Hamilton	Jefferson	Lafayette	Levy	Madison	Suwannee	Taylor	Union	Grand Total
\$Million															
Fruit & Vegetable Farming & Processing															
Fruit farming	1.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.1	0.0	0.1	0.0	0.0	1.5
Vegetable & melon farming	0.6	0.2	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.7	0.1	1.1	0.0	0.0	3.0
Total	1.5	0.2	0.0	0.0	0.1	0.2	0.0	0.2	0.1	0.8	0.1	1.2	0.0	0.0	4.5
Livestock & Dairy Farming & Animal Products Mfg															
Animal production, except cattle & poultry	0.5	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.1	0.0	0.1	0.0	1.0
Animal, except poultry, slaughtering	0.0	0.0	0.0	0.4	0.0	0.0	0.1	0.0	0.0	0.0	0.0	1.1	0.0	0.0	1.7
Cattle ranching & farming	0.7	0.1	0.1	0.0	0.1	2.2	0.0	0.5	1.2	2.1	0.1	0.6	0.0	0.0	7.8
Meat processed from carcasses	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	1.9
Poultry & egg production	0.0	0.1	0.2	0.1	0.0	0.0	0.0	0.0	0.5	0.0	0.2	0.4	0.0	0.0	1.6
Poultry processing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.3	0.0	0.0	7.3
Rendering & meat byproduct processing	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	0.4
Total	1.2	0.3	0.7	0.5	0.2	2.4	0.2	0.5	1.8	2.3	2.2	9.4	0.1	0.1	21.7
Mining															
Drilling oil & gas wells	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gold/silver/other metal ore 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	0.0
Oil & gas extraction	0.0	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	0.2
Other nonmetallic mineral mining	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Stone mining & quarrying	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.0	0.1	0.7	0.0	1.8
Support activities for oil & gas	0.0	0.0	0.0	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	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.5	0.0	0.1	0.9	0.0	2.1
Other Crop Farming															
All other crop farming	0.2	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.6	0.0	0.2	0.0	0.0	1.1
Cotton 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
Grain farming	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	0.1
Oilseed 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
Tobacco farming	0.2	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.1	0.4	0.0	0.0	1.0
Tree nut 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
Total	0.3	0.0	0.0	0.1	0.0	0.1	0.1	0.1	0.1	0.7	0.2	0.6	0.0	0.0	2.3
Other Food Product Manufacturing															
Bread/bakery, except frozen, 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
Breweries	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
Other animal food manufacturing	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.7
Other snack food manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.2
Soft drink & ice manufacturing	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
Confectionery 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
Total	0.9	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.1	1.8
Total Indirect Business Tax Impacts	10.0	0.9	2.2	3.5	1.8	3.4	5.6	2.8	2.3	6.6	4.6	15.8	17.6	0.6	77.8

Source: IMPLAN data for Florida counties (2005)